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COMMITTENTE

COMUNE DI PALOSCO
Provincia di Bergamo

DESCRIZIONE

REALIZZAZIONE DELLA NUOVA MENSA A SERVIZIO
DELLA SCUOLA PRIMARIA "SUOR VITAROSA ZORZA" E
DELLA SCUOLA SECONDARIA DI I GRADO "F.LLI
TERZI" - PALOSCO (BG)
Progetto definitivo - esecutivo

DATA

Gennaio 2023

TAV. N.

S06

CONTENUTO TAVOLA

FASCICOLO DEI CALCOLI

SCALA

...

RISERVATO AGLI UFFICI

IL COMMITTENTE

Comune di Palosco (BG)

I PROGETTISTI

Ing. Ilaria Bresciani

TEAM DI PROGETTAZIONE:

Ing. Matteo Bertoni

Ing. Marie Fiocco

Ing. Silvia Rossi

Ing. Zeudi Bergomi

Ing. Sergio Consolandi



fascicolo dei calcoli strutturali impostato e redatto secondo le modalità previste nel D.M. 17 Gennaio 2018 cap. 10 “Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo”.

Origine e Caratteristiche dei Codici di Calcolo	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2022-10-198)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE (Italy) Tel. +39 0532 200091 www.2si.it
Codice Licenza:	Licenza dsi2049

Descrizione	
Progetto	
Ubicazione	Comune di PALOSCO (BG) (Regione LOMBARDIA)
	Località PALOSCO (BG)
	Longitudine 9.835, Latitudine 45.586
Progettista	

In merito al punto 10.2 delle Norme Tecniche per le Costruzioni (*Affidabilità dei codici utilizzati*), si fa riferimento al **Documento di Affidabilità** “Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST” disponibile per il download sul sito: <https://www.2si.it/it/prodotti/affidabilita/>

RISULTATI NODALI.....	3
LEGENDA RISULTATI NODALI.....	3
RISULTATI ELEMENTI TIPO TRAVE.....	62
LEGENDA RISULTATI ELEMENTI TIPO TRAVE.....	62
RISULTATI ELEMENTI TIPO SHELL.....	361
LEGENDA RISULTATI ELEMENTI TIPO SHELL.....	361
VERIFICA NODI ACCIAIO.....	379

RISULTATI NODALI

LEGENDA RISULTATI NODALI

Il controllo dei risultati delle analisi condotte, per quanto concerne i nodi strutturali, è possibile in relazione alle tabelle sottoriportate.

Una prima tabella riporta infatti per ogni nodo e per ogni combinazione (o caso di carico) gli spostamenti nodali.

Una seconda tabella riporta per ogni nodo a cui sia associato un vincolo rigido e/o elastico o una fondazione speciale e per ogni combinazione (o caso di carico) i valori delle azioni esercitate dalla struttura sui vincoli (reazioni vincolari cambiate di segno).

Una terza tabella, infine riassume per ogni nodo le sei combinazioni in cui si attingono i valori minimi e massimi della reazione Fz, della reazione Mx e della reazione My.

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	2	2.34e-03	-1.63e-04	-0.47	-3.52e-05	2.50e-04	0.0
1	17	0.14	6.88e-03	-0.46	-1.29e-04	1.12e-03	-5.33e-05
1	24	-0.04	-0.08	-0.31	2.48e-04	-1.18e-04	0.0
1	49	0.08	3.64e-03	-0.41	-8.10e-05	7.18e-04	-3.07e-05
1	56	-0.02	-0.04	-0.32	1.20e-04	7.56e-06	-1.21e-06
1	70	1.78e-03	-1.24e-04	-0.35	-2.66e-05	1.89e-04	0.0
1	72	1.70e-03	-1.18e-04	-0.34	-2.50e-05	1.77e-04	0.0
1	74	1.67e-03	-1.15e-04	-0.33	-2.43e-05	1.73e-04	0.0
2	2	2.59e-03	-0.02	-0.57	3.54e-04	5.95e-05	-1.21e-05
2	9	0.67	1.30	-0.41	-3.14e-03	8.35e-04	-1.86e-04
2	29	0.23	3.82	-0.41	-9.50e-03	3.17e-04	7.82e-04
2	32	-0.23	-3.84	-0.40	9.84e-03	-2.35e-04	-8.01e-04
2	41	0.39	0.68	-0.41	-1.59e-03	4.98e-04	-1.12e-04
2	61	0.13	2.01	-0.41	-4.94e-03	1.98e-04	4.09e-04
2	64	-0.13	-2.03	-0.40	5.27e-03	-1.17e-04	-4.28e-04
2	70	1.97e-03	-0.01	-0.43	2.54e-04	4.49e-05	-9.34e-06
2	72	1.90e-03	-0.01	-0.41	1.93e-04	4.21e-05	-9.34e-06
2	74	1.88e-03	-0.01	-0.40	1.69e-04	4.09e-05	-9.34e-06
3	1	-3.45e-03	2.60e-03	-0.42	-7.05e-06	-1.59e-03	4.49e-06
3	2	-3.97e-03	2.51e-03	-0.47	-5.76e-06	-1.79e-03	4.75e-06
3	6	1.91	-0.09	-0.46	1.51e-04	8.73e-04	9.74e-05
3	7	-1.91	0.09	-0.21	-1.61e-04	-3.40e-03	-9.04e-05
3	21	0.49	0.87	-0.35	-1.23e-03	-7.10e-04	-1.85e-03
3	38	1.10	-0.04	-0.41	7.22e-05	-3.55e-05	3.14e-05
3	39	-1.10	0.05	-0.26	-8.26e-05	-2.50e-03	-2.44e-05
3	53	0.28	0.48	-0.35	-6.62e-04	-9.46e-04	-9.83e-04
3	69	-2.65e-03	2.00e-03	-0.33	-5.42e-06	-1.23e-03	3.46e-06
3	70	-3.00e-03	1.94e-03	-0.36	-4.56e-06	-1.36e-03	3.63e-06
3	71	-2.65e-03	2.00e-03	-0.33	-5.42e-06	-1.23e-03	3.46e-06
3	72	-2.83e-03	1.97e-03	-0.34	-4.99e-06	-1.29e-03	3.54e-06
3	73	-2.65e-03	2.00e-03	-0.33	-5.42e-06	-1.23e-03	3.46e-06
3	74	-2.76e-03	1.98e-03	-0.34	-5.16e-06	-1.27e-03	3.51e-06
4	1	1.30e-03	-2.49e-05	-0.61	-4.00e-06	-2.33e-04	0.0
4	2	1.44e-03	-1.63e-05	-0.67	-5.34e-06	-2.64e-04	0.0
4	16	-0.14	-0.03	-0.50	1.10e-03	-5.21e-04	-3.50e-05
4	17	0.14	0.02	-0.46	-1.02e-03	1.50e-04	-1.08e-05
4	22	0.03	-0.07	-0.48	3.24e-03	-9.09e-05	-9.48e-05
4	48	-0.08	-0.01	-0.49	5.82e-04	-3.79e-04	-1.97e-05
4	49	0.08	0.01	-0.47	-5.43e-04	8.14e-06	-5.54e-06
4	54	0.02	-0.04	-0.48	1.70e-03	-1.31e-04	-5.34e-05
4	69	1.00e-03	-1.92e-05	-0.47	-3.08e-06	-1.79e-04	0.0
4	70	1.09e-03	-1.34e-05	-0.51	-3.97e-06	-2.00e-04	0.0
4	71	1.00e-03	-1.92e-05	-0.47	-3.08e-06	-1.79e-04	0.0
4	72	1.05e-03	-1.63e-05	-0.49	-3.52e-06	-1.90e-04	0.0
4	73	1.00e-03	-1.92e-05	-0.47	-3.08e-06	-1.79e-04	0.0
4	74	1.03e-03	-1.74e-05	-0.48	-3.34e-06	-1.86e-04	0.0
5	1	-3.28e-04	2.05e-03	-0.44	4.09e-05	-1.45e-03	8.13e-06
5	2	-4.81e-04	1.99e-03	-0.48	5.15e-05	-1.62e-03	8.86e-06
5	15	-1.74	0.18	-0.21	-2.03e-04	-3.07e-03	-1.00e-03
5	18	1.73	-0.11	-0.48	2.00e-04	7.68e-04	9.41e-04
5	21	0.35	0.87	-0.37	-9.33e-04	-6.07e-04	-1.54e-03
5	47	-1.00	0.10	-0.27	-9.21e-05	-2.26e-03	-5.48e-04
5	50	1.00	-0.06	-0.42	1.21e-04	-4.37e-05	5.20e-04
5	53	0.20	0.48	-0.36	-4.85e-04	-8.38e-04	-7.99e-04

5	69	-2.52e-04	1.58e-03	-0.34	3.14e-05	-1.12e-03	6.25e-06
5	70	-3.54e-04	1.54e-03	-0.37	3.86e-05	-1.23e-03	6.74e-06
5	71	-2.52e-04	1.58e-03	-0.34	3.14e-05	-1.12e-03	6.25e-06
5	72	-3.03e-04	1.56e-03	-0.35	3.50e-05	-1.17e-03	6.50e-06
5	73	-2.52e-04	1.58e-03	-0.34	3.14e-05	-1.12e-03	6.25e-06
5	74	-2.83e-04	1.56e-03	-0.35	3.36e-05	-1.15e-03	6.40e-06
6	2	9.23e-04	-1.96e-04	-0.41	-9.25e-05	8.50e-05	6.12e-06
6	18	0.08	-0.02	-0.33	1.44e-05	2.90e-04	7.50e-05
6	24	-2.58e-03	-0.08	-0.13	5.43e-04	-2.51e-04	-6.37e-05
6	25	0.02	0.07	-0.46	-7.14e-04	4.02e-04	8.05e-05
6	50	0.05	-0.01	-0.31	-2.42e-05	1.93e-04	4.53e-05
6	56	-1.35e-03	-0.04	-0.21	2.59e-04	-1.10e-04	-3.30e-05
6	57	0.01	0.04	-0.39	-4.08e-04	2.43e-04	4.56e-05
6	70	6.99e-04	-1.41e-04	-0.31	-6.92e-05	6.34e-05	4.48e-06
6	72	6.61e-04	-1.08e-04	-0.30	-6.27e-05	5.71e-05	3.77e-06
6	74	6.46e-04	-9.44e-05	-0.29	-6.01e-05	5.46e-05	3.48e-06
7	1	-7.17e-03	1.29e-03	-0.38	2.61e-04	-7.28e-04	2.58e-06
7	2	-7.52e-03	1.28e-03	-0.43	2.74e-04	-8.44e-04	1.70e-06
7	19	-0.50	0.11	-0.27	7.29e-06	-1.37e-03	-1.06e-03
7	21	0.02	0.87	-0.47	-9.61e-04	-4.47e-04	-3.00e-04
7	25	0.11	0.84	-0.47	-1.05e-03	-3.09e-04	-2.04e-04
7	51	-0.29	0.06	-0.28	9.90e-05	-1.03e-03	-6.07e-04
7	53	0.01	0.48	-0.39	-4.23e-04	-5.05e-04	-1.62e-04
7	57	0.06	0.46	-0.40	-4.71e-04	-4.25e-04	-1.06e-04
7	69	-5.51e-03	9.95e-04	-0.29	2.01e-04	-5.60e-04	1.98e-06
7	70	-5.75e-03	9.86e-04	-0.32	2.09e-04	-6.37e-04	1.40e-06
7	71	-5.51e-03	9.95e-04	-0.29	2.01e-04	-5.60e-04	1.98e-06
7	72	-5.63e-03	9.90e-04	-0.31	2.05e-04	-5.98e-04	1.69e-06
7	73	-5.51e-03	9.95e-04	-0.29	2.01e-04	-5.60e-04	1.98e-06
7	74	-5.58e-03	9.92e-04	-0.30	2.03e-04	-5.83e-04	1.81e-06
8	2	-2.38e-03	-4.37e-04	-0.46	-1.05e-04	-1.86e-04	0.0
8	12	-0.14	-4.08e-03	-0.45	-6.30e-05	-1.08e-03	-7.99e-05
8	30	0.04	-0.08	-0.31	2.99e-04	7.05e-05	3.65e-05
8	44	-0.08	-1.88e-03	-0.40	-7.31e-05	-6.75e-04	-4.58e-05
8	62	0.02	-0.04	-0.32	1.25e-04	-1.10e-05	2.13e-05
8	70	-1.80e-03	-3.31e-04	-0.35	-7.98e-05	-1.40e-04	0.0
8	72	-1.70e-03	-3.15e-04	-0.33	-7.63e-05	-1.31e-04	0.0
8	74	-1.66e-03	-3.09e-04	-0.33	-7.49e-05	-1.27e-04	0.0
9	2	3.07e-04	6.20e-03	-0.55	-6.32e-05	3.81e-06	0.0
9	5	0.10	0.03	-0.39	-1.71e-03	5.24e-05	-3.53e-05
9	21	0.04	0.08	-0.40	-5.12e-03	8.10e-06	-4.18e-05
9	23	-0.02	0.08	-0.40	-5.02e-03	-2.37e-05	-2.69e-05
9	37	0.06	0.02	-0.39	-9.13e-04	3.14e-05	-2.01e-05
9	53	0.02	0.04	-0.40	-2.71e-03	6.18e-06	-2.31e-05
9	55	-0.01	0.04	-0.40	-2.66e-03	-1.21e-05	-1.46e-05
9	70	2.33e-04	4.40e-03	-0.42	-4.38e-05	2.87e-06	0.0
9	72	2.24e-04	3.22e-03	-0.40	-2.81e-05	2.67e-06	0.0
9	74	2.20e-04	2.74e-03	-0.39	-2.18e-05	2.59e-06	0.0
10	2	6.94e-03	-2.24e-03	-0.48	2.52e-05	1.82e-03	2.61e-06
10	6	1.91	-0.03	-0.22	9.97e-05	3.42e-03	-9.57e-04
10	12	-1.90	-0.44	-0.47	6.02e-04	-8.57e-04	-2.77e-05
10	32	-0.62	-0.94	-0.39	1.33e-03	5.77e-04	-1.63e-03
10	38	1.10	-0.01	-0.27	5.34e-05	2.51e-03	-5.30e-04
10	44	-1.09	-0.24	-0.41	3.37e-04	5.16e-05	1.22e-05
10	64	-0.36	-0.51	-0.37	7.24e-04	8.77e-04	-8.51e-04
10	70	5.27e-03	-1.61e-03	-0.36	1.88e-05	1.38e-03	2.03e-06
10	72	5.06e-03	-1.25e-03	-0.35	1.68e-05	1.31e-03	2.08e-06
10	74	4.97e-03	-1.11e-03	-0.34	1.60e-05	1.28e-03	2.10e-06
11	2	1.30e-03	-4.85e-03	-0.71	2.83e-05	1.92e-04	1.34e-05
11	14	1.74	-0.63	-0.48	1.47e-03	1.08e-03	8.52e-04
11	16	-1.70	-0.85	-0.53	1.93e-03	-7.86e-04	1.13e-03
11	22	0.48	-2.55	-0.50	5.45e-03	3.94e-04	3.20e-03
11	46	1.01	-0.33	-0.49	7.81e-04	6.80e-04	4.52e-04
11	48	-0.98	-0.45	-0.52	1.03e-03	-3.96e-04	6.06e-04
11	54	0.28	-1.35	-0.50	2.88e-03	2.85e-04	1.70e-03
11	70	9.94e-04	-3.69e-03	-0.54	2.14e-05	1.46e-04	1.03e-05
11	72	9.85e-04	-3.56e-03	-0.51	2.01e-05	1.39e-04	1.00e-05
11	74	9.81e-04	-3.51e-03	-0.50	1.95e-05	1.36e-04	9.95e-06
12	2	-8.05e-05	-0.01	-0.57	3.50e-04	-5.61e-05	1.18e-05
12	4	-9.52e-05	-0.01	-0.45	3.11e-04	-4.51e-05	9.26e-06
12	6	0.67	-0.97	-0.40	2.59e-03	7.56e-04	-1.71e-04
12	23	-0.23	3.73	-0.41	-9.27e-03	-3.15e-04	-8.26e-04
12	24	-0.17	-3.86	-0.40	9.87e-03	-2.31e-04	1.13e-03
12	38	0.39	-0.51	-0.40	1.43e-03	4.18e-04	-9.39e-05
12	55	-0.13	1.96	-0.41	-4.81e-03	-1.96e-04	-4.35e-04
12	56	-0.10	-2.04	-0.40	5.29e-03	-1.50e-04	6.08e-04
12	69	4.90e-05	-0.01	-0.39	1.30e-04	-3.67e-05	8.31e-06

12	70	-4.72e-05	-0.01	-0.43	2.51e-04	-4.23e-05	8.94e-06
12	71	4.90e-05	-0.01	-0.39	1.30e-04	-3.67e-05	8.31e-06
12	72	0.0	-0.01	-0.41	1.90e-04	-3.95e-05	8.63e-06
12	73	4.90e-05	-0.01	-0.39	1.30e-04	-3.67e-05	8.31e-06
12	74	2.02e-05	-0.01	-0.40	1.66e-04	-3.83e-05	8.50e-06
13	2	-1.45e-03	4.36e-03	-0.51	-4.12e-05	1.96e-04	5.48e-06
13	7	-0.10	-0.01	-0.37	-7.07e-04	7.25e-05	-1.73e-05
13	29	0.02	0.07	-0.33	-3.58e-03	2.80e-04	1.01e-04
13	32	-0.03	-0.06	-0.39	3.55e-03	-8.99e-06	-9.64e-05
13	39	-0.06	-6.74e-03	-0.37	-3.70e-04	9.84e-05	-9.78e-06
13	61	0.01	0.04	-0.34	-1.90e-03	2.13e-04	5.77e-05
13	64	-0.02	-0.03	-0.38	1.87e-03	5.75e-05	-5.32e-05
13	70	-1.10e-03	3.11e-03	-0.39	-2.85e-05	1.48e-04	3.86e-06
13	72	-1.04e-03	2.30e-03	-0.37	-1.82e-05	1.39e-04	2.71e-06
13	74	-1.01e-03	1.98e-03	-0.36	-1.41e-05	1.35e-04	2.25e-06
14	1	-6.85e-04	-3.46e-05	-0.36	1.78e-05	-5.48e-05	3.58e-06
14	2	-7.14e-04	9.30e-06	-0.40	2.78e-05	-7.35e-05	5.83e-06
14	7	-0.10	0.03	-0.33	-1.60e-05	-2.97e-04	1.64e-04
14	30	0.03	-0.08	-0.43	7.47e-04	-2.38e-04	-7.85e-06
14	32	-0.02	-0.07	-0.48	8.49e-04	-4.30e-04	9.10e-05
14	43	-0.06	0.02	-0.31	-1.02e-05	-1.82e-04	9.15e-05
14	62	0.02	-0.04	-0.36	4.01e-04	-1.45e-04	-3.26e-06
14	64	-0.01	-0.04	-0.39	4.60e-04	-2.54e-04	5.37e-05
14	69	-5.27e-04	-2.66e-05	-0.28	1.37e-05	-4.21e-05	2.75e-06
14	70	-5.46e-04	2.65e-06	-0.31	2.04e-05	-5.46e-05	4.25e-06
14	71	-5.27e-04	-2.66e-05	-0.28	1.37e-05	-4.21e-05	2.75e-06
14	72	-5.37e-04	-1.20e-05	-0.29	1.70e-05	-4.84e-05	3.50e-06
14	73	-5.27e-04	-2.66e-05	-0.28	1.37e-05	-4.21e-05	2.75e-06
14	74	-5.33e-04	-1.78e-05	-0.29	1.57e-05	-4.59e-05	3.20e-06
15	2	9.68e-03	-2.94e-03	-0.49	-9.60e-05	2.00e-03	4.18e-06
15	14	1.76	-0.10	-0.22	1.09e-04	3.42e-03	-2.41e-04
15	19	-1.74	0.17	-0.48	-3.21e-04	-5.98e-04	3.21e-04
15	32	-0.36	-0.94	-0.37	1.23e-03	9.82e-04	-2.01e-03
15	46	1.02	-0.05	-0.28	2.52e-05	2.57e-03	-1.15e-04
15	51	-1.00	0.09	-0.42	-1.97e-04	2.51e-04	1.60e-04
15	64	-0.20	-0.51	-0.36	6.33e-04	1.16e-03	-1.07e-03
15	70	7.35e-03	-2.15e-03	-0.37	-7.20e-05	1.51e-03	3.17e-06
15	72	7.04e-03	-1.78e-03	-0.36	-6.57e-05	1.44e-03	3.02e-06
15	74	6.92e-03	-1.64e-03	-0.35	-6.33e-05	1.41e-03	2.96e-06
16	2	7.31e-03	-1.86e-03	-0.42	-2.16e-04	1.13e-03	2.90e-06
16	9	0.68	0.43	-0.16	-8.23e-04	1.63e-03	-2.11e-03
16	32	-0.23	-0.94	-0.49	1.23e-03	4.34e-04	-2.03e-04
16	41	0.40	0.24	-0.22	-5.29e-04	1.27e-03	-1.23e-03
16	64	-0.13	-0.51	-0.40	5.90e-04	5.86e-04	-7.09e-05
16	70	5.54e-03	-1.32e-03	-0.32	-1.66e-04	8.54e-04	2.20e-06
16	72	5.27e-03	-9.60e-04	-0.30	-1.66e-04	8.02e-04	2.10e-06
16	74	5.17e-03	-8.15e-04	-0.30	-1.66e-04	7.81e-04	2.05e-06
17	2	-1.36e-03	3.20e-04	-0.76	4.16e-05	2.96e-04	-1.18e-06
17	17	0.14	0.03	-0.57	-1.10e-03	5.39e-04	-1.60e-05
17	20	-0.14	-0.03	-0.51	1.16e-03	-1.23e-04	1.43e-05
17	29	0.04	0.07	-0.55	-3.37e-03	2.75e-04	-8.68e-05
17	49	0.08	0.02	-0.56	-5.72e-04	3.99e-04	-9.23e-06
17	52	-0.08	-0.01	-0.52	6.28e-04	1.71e-05	7.56e-06
17	61	0.02	0.04	-0.54	-1.76e-03	2.47e-04	-4.93e-05
17	70	-1.03e-03	2.45e-04	-0.58	3.14e-05	2.24e-04	0.0
17	72	-9.85e-04	2.43e-04	-0.55	2.92e-05	2.13e-04	0.0
17	74	-9.65e-04	2.42e-04	-0.54	2.83e-05	2.08e-04	0.0
18	2	-2.49e-03	5.04e-04	-0.47	7.46e-05	-2.22e-04	1.00e-06
18	19	-0.14	0.01	-0.46	1.56e-05	-1.11e-03	3.41e-05
18	20	-0.14	-0.03	-0.46	1.34e-04	-1.09e-03	2.54e-05
18	31	-0.03	0.08	-0.38	-1.23e-04	-4.28e-04	-1.43e-05
18	51	-0.08	6.12e-03	-0.41	3.32e-05	-7.02e-04	1.99e-05
18	52	-0.08	-0.02	-0.41	9.59e-05	-6.92e-04	1.50e-05
18	63	-0.02	0.05	-0.36	-4.06e-05	-3.11e-04	-8.24e-06
18	70	-1.88e-03	3.83e-04	-0.36	5.63e-05	-1.67e-04	0.0
18	72	-1.80e-03	3.69e-04	-0.34	5.25e-05	-1.57e-04	0.0
18	74	-1.76e-03	3.63e-04	-0.34	5.10e-05	-1.53e-04	0.0
19	2	7.50e-03	-1.80e-03	-0.80	-2.38e-05	-2.92e-04	-1.29e-05
19	14	1.76	-0.51	-0.59	1.20e-03	7.33e-04	-7.84e-04
19	17	1.72	0.91	-0.60	-2.06e-03	7.13e-04	1.06e-03
19	32	-0.36	-2.62	-0.56	5.95e-03	-3.98e-04	-3.25e-03
19	46	1.02	-0.26	-0.58	6.14e-04	3.36e-04	-4.16e-04
19	49	1.00	0.48	-0.58	-1.10e-03	3.25e-04	5.61e-04
19	64	-0.20	-1.39	-0.56	3.14e-03	-3.16e-04	-1.73e-03
19	70	5.70e-03	-1.29e-03	-0.61	-1.79e-05	-2.21e-04	-9.87e-06
19	72	5.47e-03	-9.62e-04	-0.58	-1.67e-05	-2.09e-04	-9.69e-06
19	74	5.38e-03	-8.32e-04	-0.57	-1.62e-05	-2.04e-04	-9.62e-06

20	2	1.56e-03	4.45e-03	-0.51	-3.62e-05	-1.93e-04	-5.74e-06
20	5	0.10	0.04	-0.37	-1.30e-03	-7.77e-05	8.85e-06
20	21	0.04	0.06	-0.34	-3.54e-03	-2.25e-04	-8.10e-05
20	22	0.03	-0.04	-0.39	3.37e-03	1.40e-05	9.91e-05
20	37	0.06	0.03	-0.37	-6.95e-04	-1.00e-04	4.63e-06
20	53	0.02	0.03	-0.35	-1.87e-03	-1.81e-04	-4.62e-05
20	54	0.02	-0.02	-0.38	1.77e-03	-5.35e-05	5.46e-05
20	70	1.18e-03	3.17e-03	-0.39	-2.46e-05	-1.46e-04	-4.06e-06
20	72	1.12e-03	2.36e-03	-0.37	-1.40e-05	-1.37e-04	-2.91e-06
20	74	1.09e-03	2.04e-03	-0.36	-9.80e-06	-1.33e-04	-2.45e-06
21	2	-3.38e-04	-3.05e-04	-0.72	3.18e-05	-1.13e-04	0.0
21	18	0.14	-0.02	-0.52	1.38e-03	2.28e-04	1.86e-05
21	20	-0.14	-0.03	-0.51	1.69e-03	-3.78e-04	0.0
21	32	-0.04	-0.09	-0.51	5.11e-03	-1.41e-04	3.81e-05
21	50	0.08	-0.01	-0.52	7.36e-04	9.82e-05	1.02e-05
21	52	-0.08	-0.02	-0.51	9.02e-04	-2.51e-04	0.0
21	64	-0.02	-0.05	-0.51	2.71e-03	-1.14e-04	2.08e-05
21	70	-2.56e-04	-2.32e-04	-0.55	2.40e-05	-8.50e-05	0.0
21	72	-2.43e-04	-2.22e-04	-0.52	2.27e-05	-8.00e-05	0.0
21	74	-2.38e-04	-2.18e-04	-0.51	2.22e-05	-7.80e-05	0.0
22	2	-1.41e-03	-4.95e-04	-0.74	-4.08e-05	3.26e-04	0.0
22	9	0.14	0.04	-0.55	-1.30e-03	5.98e-04	-4.20e-06
22	12	-0.14	-0.04	-0.50	1.24e-03	-1.41e-04	3.20e-06
22	32	-0.05	-0.07	-0.52	3.43e-03	1.29e-04	8.36e-05
22	41	0.08	0.02	-0.54	-7.09e-04	4.41e-04	-2.18e-06
22	44	-0.08	-0.02	-0.51	6.50e-04	1.55e-05	1.18e-06
22	64	-0.03	-0.04	-0.52	1.80e-03	1.71e-04	4.68e-05
22	70	-1.06e-03	-3.71e-04	-0.56	-3.10e-05	2.46e-04	0.0
22	72	-1.01e-03	-3.39e-04	-0.53	-2.99e-05	2.33e-04	0.0
22	74	-9.83e-04	-3.26e-04	-0.52	-2.95e-05	2.28e-04	0.0
23	2	4.91e-03	-2.44e-03	-0.78	3.06e-05	-1.61e-04	-1.39e-05
23	6	1.92	-0.35	-0.58	9.50e-04	8.88e-04	-7.01e-04
23	9	1.91	1.06	-0.58	-2.30e-03	9.11e-04	1.16e-03
23	32	-0.62	-2.62	-0.54	5.97e-03	-4.58e-04	-3.28e-03
23	38	1.10	-0.18	-0.57	4.93e-04	4.62e-04	-3.69e-04
23	41	1.10	0.57	-0.57	-1.22e-03	4.76e-04	6.14e-04
23	64	-0.36	-1.39	-0.55	3.16e-03	-3.11e-04	-1.74e-03
23	70	3.73e-03	-1.75e-03	-0.59	2.29e-05	-1.22e-04	-1.06e-05
23	72	3.58e-03	-1.34e-03	-0.56	2.11e-05	-1.16e-04	-1.03e-05
23	74	3.53e-03	-1.17e-03	-0.55	2.04e-05	-1.14e-04	-1.02e-05
24	2	-4.22e-04	-8.14e-04	-0.77	-8.27e-06	-4.16e-05	0.0
24	7	-0.14	0.02	-0.54	-1.30e-03	-3.70e-04	4.56e-05
24	9	0.14	0.03	-0.55	-1.70e-03	3.04e-04	-1.63e-05
24	32	-0.05	-0.09	-0.54	5.11e-03	-1.19e-04	-2.54e-05
24	41	0.08	0.02	-0.55	-9.02e-04	1.62e-04	-9.60e-06
24	44	-0.08	-0.02	-0.54	8.90e-04	-2.21e-04	8.96e-06
24	64	-0.03	-0.05	-0.55	2.69e-03	-8.12e-05	-1.40e-05
24	70	-3.19e-04	-6.18e-04	-0.58	-6.32e-06	-3.15e-05	0.0
24	72	-3.00e-04	-5.92e-04	-0.56	-6.19e-06	-3.00e-05	0.0
24	74	-2.93e-04	-5.81e-04	-0.55	-6.14e-06	-2.94e-05	0.0
25	2	2.62e-03	-0.02	-0.81	4.85e-05	7.86e-05	-1.45e-05
25	6	1.92	-0.90	-0.58	2.13e-03	1.17e-03	-1.04e-03
25	9	1.88	1.30	-0.58	-2.93e-03	1.15e-03	-1.85e-04
25	32	-0.51	-3.84	-0.57	8.79e-03	-2.41e-04	-9.00e-04
25	38	1.10	-0.47	-0.57	1.13e-03	6.99e-04	-5.75e-04
25	41	1.08	0.68	-0.57	-1.53e-03	6.85e-04	-1.16e-04
25	64	-0.29	-2.03	-0.57	4.65e-03	-1.15e-04	-4.80e-04
25	70	1.99e-03	-0.01	-0.61	3.67e-05	5.95e-05	-1.12e-05
25	72	1.93e-03	-0.01	-0.58	3.49e-05	5.63e-05	-1.11e-05
25	74	1.91e-03	-0.01	-0.57	3.42e-05	5.51e-05	-1.11e-05
26	2	5.69e-04	-7.74e-04	-0.77	-5.53e-06	4.19e-05	0.0
26	6	0.14	-0.02	-0.54	1.34e-03	3.70e-04	-1.13e-05
26	7	-0.14	0.02	-0.55	-1.35e-03	-3.11e-04	1.19e-05
26	24	-0.04	-0.09	-0.55	5.10e-03	-5.76e-05	4.25e-05
26	38	0.08	-9.70e-03	-0.54	7.03e-04	2.26e-04	-6.32e-06
26	39	-0.08	8.58e-03	-0.55	-7.12e-04	-1.66e-04	6.89e-06
26	56	-0.02	-0.05	-0.55	2.69e-03	-2.06e-05	2.38e-05
26	70	4.31e-04	-5.89e-04	-0.58	-4.24e-06	3.18e-05	0.0
26	72	4.10e-04	-5.70e-04	-0.56	-4.21e-06	3.03e-05	0.0
26	74	4.01e-04	-5.62e-04	-0.55	-4.19e-06	2.97e-05	0.0
27	1	3.62e-04	-0.01	-0.72	3.84e-05	-6.70e-05	1.27e-05
27	2	2.99e-04	-0.01	-0.81	4.25e-05	-7.63e-05	1.39e-05
27	6	1.92	-0.97	-0.57	2.26e-03	1.07e-03	-1.36e-04
27	7	-1.92	0.95	-0.58	-2.20e-03	-1.17e-03	1.56e-04
27	24	-0.49	-3.86	-0.57	8.79e-03	-3.41e-04	1.23e-03
27	38	1.10	-0.51	-0.57	1.20e-03	5.90e-04	-7.56e-05
27	39	-1.10	0.49	-0.57	-1.14e-03	-6.97e-04	9.56e-05

27	56	-0.28	-2.04	-0.57	4.65e-03	-2.19e-04	6.66e-04
27	69	2.79e-04	-9.84e-03	-0.55	2.96e-05	-5.16e-05	9.76e-06
27	70	2.36e-04	-0.01	-0.61	3.23e-05	-5.77e-05	1.05e-05
27	71	2.79e-04	-9.84e-03	-0.55	2.96e-05	-5.16e-05	9.76e-06
27	72	2.58e-04	-0.01	-0.58	3.09e-05	-5.46e-05	1.02e-05
27	73	2.79e-04	-9.84e-03	-0.55	2.96e-05	-5.16e-05	9.76e-06
27	74	2.66e-04	-0.01	-0.57	3.04e-05	-5.34e-05	1.00e-05
28	2	5.24e-03	-0.02	-0.76	2.43e-05	-5.36e-05	-1.52e-05
28	14	1.75	-0.95	-0.54	2.20e-03	9.76e-04	-3.57e-04
28	18	1.75	-1.02	-0.54	2.33e-03	9.74e-04	-1.21e-04
28	32	-0.36	-3.84	-0.54	8.77e-03	-2.43e-04	-8.99e-04
28	46	1.01	-0.51	-0.54	1.16e-03	5.48e-04	-1.93e-04
28	50	1.01	-0.54	-0.54	1.23e-03	5.47e-04	-6.35e-05
28	64	-0.21	-2.03	-0.54	4.64e-03	-1.55e-04	-4.80e-04
28	70	3.99e-03	-0.01	-0.57	1.85e-05	-4.01e-05	-1.17e-05
28	72	3.84e-03	-0.01	-0.55	1.80e-05	-3.64e-05	-1.16e-05
28	74	3.78e-03	-0.01	-0.54	1.78e-05	-3.49e-05	-1.16e-05
29	2	-2.51e-03	-5.72e-03	-0.53	2.68e-04	1.40e-04	1.49e-05
29	7	-0.68	0.45	-0.35	-1.04e-03	-7.69e-04	-1.57e-03
29	22	0.23	-2.38	-0.41	6.14e-03	4.44e-04	3.42e-03
29	24	-0.17	-2.55	-0.40	6.57e-03	-5.71e-05	3.05e-03
29	39	-0.39	0.23	-0.36	-4.78e-04	-4.01e-04	-8.52e-04
29	54	0.13	-1.25	-0.39	3.29e-03	2.92e-04	1.83e-03
29	56	-0.10	-1.35	-0.39	3.53e-03	3.74e-06	1.62e-03
29	70	-1.88e-03	-4.30e-03	-0.40	1.90e-04	1.06e-04	1.14e-05
29	72	-1.73e-03	-3.99e-03	-0.38	1.39e-04	9.82e-05	1.11e-05
29	74	-1.67e-03	-3.87e-03	-0.37	1.18e-04	9.52e-05	1.10e-05
30	1	7.62e-04	-1.81e-04	-0.37	3.07e-05	6.16e-05	-3.89e-06
30	2	7.99e-04	-1.23e-04	-0.41	3.99e-05	7.96e-05	-6.14e-06
30	5	0.10	0.04	-0.32	-3.89e-04	2.81e-04	-1.57e-04
30	22	0.02	-0.07	-0.49	8.09e-04	4.41e-04	-8.83e-05
30	24	-0.03	-0.08	-0.44	9.08e-04	2.50e-04	1.04e-05
30	37	0.06	0.02	-0.31	-2.03e-04	1.85e-04	-9.20e-05
30	54	0.01	-0.04	-0.40	4.40e-04	2.63e-04	-5.22e-05
30	56	-0.02	-0.04	-0.37	4.97e-04	1.54e-04	4.65e-06
30	69	5.86e-04	-1.39e-04	-0.28	2.36e-05	4.74e-05	-2.99e-06
30	70	6.11e-04	-1.01e-04	-0.31	2.97e-05	5.94e-05	-4.49e-06
30	71	5.86e-04	-1.39e-04	-0.28	2.36e-05	4.74e-05	-2.99e-06
30	72	5.99e-04	-1.20e-04	-0.30	2.67e-05	5.34e-05	-3.74e-06
30	73	5.86e-04	-1.39e-04	-0.28	2.36e-05	4.74e-05	-2.99e-06
30	74	5.94e-04	-1.28e-04	-0.29	2.54e-05	5.10e-05	-3.44e-06
31	2	5.05e-03	-2.98e-03	-0.53	2.56e-04	-1.34e-04	-1.40e-05
31	9	0.68	1.06	-0.35	-2.55e-03	7.71e-04	1.57e-03
31	32	-0.23	-2.62	-0.41	6.73e-03	-4.36e-04	-3.33e-03
31	41	0.39	0.57	-0.36	-1.31e-03	4.04e-04	8.56e-04
31	64	-0.13	-1.39	-0.39	3.61e-03	-2.85e-04	-1.79e-03
31	70	3.83e-03	-2.13e-03	-0.40	1.81e-04	-1.01e-04	-1.07e-05
31	72	3.67e-03	-1.62e-03	-0.38	1.29e-04	-9.38e-05	-1.05e-05
31	74	3.60e-03	-1.42e-03	-0.37	1.08e-04	-9.09e-05	-1.05e-05
32	2	-1.77e-04	6.09e-03	-0.55	-6.34e-05	-3.42e-06	1.09e-06
32	7	-0.10	0.02	-0.39	-1.32e-03	-5.23e-05	4.93e-05
32	29	0.03	0.08	-0.40	-5.12e-03	2.36e-05	2.30e-05
32	39	-0.06	9.59e-03	-0.39	-7.02e-04	-3.12e-05	2.81e-05
32	61	0.01	0.04	-0.40	-2.71e-03	1.22e-05	1.24e-05
32	70	-1.34e-04	4.32e-03	-0.42	-4.40e-05	-2.58e-06	0.0
32	72	-1.27e-04	3.14e-03	-0.40	-2.84e-05	-2.39e-06	0.0
32	74	-1.24e-04	2.67e-03	-0.39	-2.21e-05	-2.32e-06	0.0
33	2	1.55e-03	-5.66e-04	-0.74	-2.60e-05	-3.30e-04	0.0
33	6	0.14	-2.37e-03	-0.50	7.36e-04	1.47e-04	-6.54e-06
33	7	-0.14	1.57e-03	-0.55	-7.75e-04	-6.09e-04	7.24e-06
33	24	-0.04	-0.07	-0.53	3.36e-03	-3.27e-04	-9.98e-05
33	38	0.08	-7.10e-04	-0.51	3.73e-04	-1.33e-05	-3.14e-06
33	39	-0.08	-9.03e-05	-0.54	-4.12e-04	-4.48e-04	3.84e-06
33	56	-0.02	-0.04	-0.53	1.77e-03	-2.86e-04	-5.62e-05
33	70	1.17e-03	-4.29e-04	-0.56	-1.98e-05	-2.49e-04	0.0
33	72	1.11e-03	-4.09e-04	-0.53	-1.93e-05	-2.36e-04	0.0
33	74	1.09e-03	-4.00e-04	-0.52	-1.91e-05	-2.31e-04	0.0
34	2	3.23e-03	-0.01	-0.73	3.19e-05	-7.21e-05	1.49e-05
34	14	1.75	-1.03	-0.51	2.36e-03	9.58e-04	1.63e-04
34	20	-1.71	-1.20	-0.52	2.75e-03	-1.04e-03	7.38e-04
34	24	-0.35	-3.86	-0.52	8.78e-03	-2.53e-04	1.24e-03
34	46	1.01	-0.55	-0.52	1.25e-03	5.31e-04	8.74e-05
34	52	-0.99	-0.64	-0.52	1.46e-03	-6.21e-04	4.06e-04
34	56	-0.20	-2.04	-0.52	4.64e-03	-1.67e-04	6.70e-04
34	70	2.46e-03	-0.01	-0.55	2.43e-05	-5.46e-05	1.13e-05
34	72	2.39e-03	-0.01	-0.53	2.34e-05	-5.18e-05	1.09e-05
34	74	2.36e-03	-9.88e-03	-0.52	2.30e-05	-5.06e-05	1.07e-05

35	2	-1.98e-03	-5.22e-03	-0.77	2.37e-05	1.52e-04	1.60e-05
35	7	-1.92	0.45	-0.58	-1.11e-03	-9.17e-04	-1.18e-03
35	24	-0.49	-2.55	-0.56	5.82e-03	-1.50e-04	3.26e-03
35	39	-1.10	0.23	-0.57	-5.65e-04	-4.82e-04	-6.24e-04
35	56	-0.29	-1.35	-0.55	3.08e-03	-4.06e-05	1.73e-03
35	70	-1.49e-03	-3.95e-03	-0.59	1.80e-05	1.16e-04	1.22e-05
35	72	-1.39e-03	-3.74e-03	-0.56	1.71e-05	1.10e-04	1.18e-05
35	74	-1.34e-03	-3.65e-03	-0.55	1.67e-05	1.08e-04	1.17e-05
36	2	5.63e-04	-3.18e-04	-0.70	1.70e-05	2.87e-05	0.0
36	17	0.14	0.03	-0.49	-1.60e-03	3.21e-04	-9.18e-06
36	20	-0.14	-0.03	-0.50	1.62e-03	-2.80e-04	9.97e-06
36	24	-0.04	-0.09	-0.50	5.11e-03	-4.04e-05	-2.45e-05
36	49	0.08	0.01	-0.49	-8.36e-04	1.94e-04	-4.73e-06
36	52	-0.08	-0.01	-0.50	8.61e-04	-1.53e-04	5.52e-06
36	56	-0.02	-0.05	-0.50	2.70e-03	-1.45e-05	-1.36e-05
36	70	4.28e-04	-2.43e-04	-0.53	1.29e-05	2.18e-05	0.0
36	72	4.11e-04	-2.40e-04	-0.50	1.24e-05	2.10e-05	0.0
36	74	4.04e-04	-2.38e-04	-0.50	1.22e-05	2.07e-05	0.0
37	1	-3.98e-03	2.97e-03	-0.38	-1.53e-04	-9.81e-04	2.08e-06
37	2	-4.72e-03	2.85e-03	-0.42	-1.53e-04	-1.14e-03	1.92e-06
37	7	-0.68	0.09	-0.16	-2.79e-04	-1.63e-03	2.02e-03
37	21	0.16	0.87	-0.15	-1.68e-03	-6.48e-04	-1.57e-03
37	22	0.23	-0.77	-0.50	1.27e-03	-4.39e-04	2.02e-04
37	39	-0.39	0.05	-0.22	-1.97e-04	-1.27e-03	1.18e-03
37	53	0.09	0.47	-0.22	-9.66e-04	-7.02e-04	-8.64e-04
37	54	0.13	-0.42	-0.41	6.34e-04	-5.91e-04	7.44e-05
37	69	-3.06e-03	2.28e-03	-0.29	-1.18e-04	-7.54e-04	1.60e-06
37	70	-3.55e-03	2.21e-03	-0.32	-1.18e-04	-8.60e-04	1.49e-06
37	71	-3.06e-03	2.28e-03	-0.29	-1.18e-04	-7.54e-04	1.60e-06
37	72	-3.31e-03	2.25e-03	-0.30	-1.18e-04	-8.07e-04	1.55e-06
37	73	-3.06e-03	2.28e-03	-0.29	-1.18e-04	-7.54e-04	1.60e-06
37	74	-3.21e-03	2.26e-03	-0.30	-1.18e-04	-7.86e-04	1.57e-06
38	2	2.50e-03	-4.97e-04	-0.45	-7.42e-05	1.82e-04	0.0
38	6	0.14	-5.08e-03	-0.44	-4.54e-05	1.07e-03	8.11e-05
38	24	-0.04	-0.08	-0.30	2.59e-04	-7.37e-05	-3.87e-05
38	38	0.08	-2.59e-03	-0.39	-5.34e-05	6.68e-04	4.67e-05
38	56	-0.02	-0.04	-0.31	1.14e-04	8.14e-06	-2.24e-05
38	70	1.90e-03	-3.81e-04	-0.34	-5.66e-05	1.37e-04	0.0
38	72	1.80e-03	-3.76e-04	-0.33	-5.49e-05	1.28e-04	0.0
38	74	1.76e-03	-3.75e-04	-0.32	-5.43e-05	1.25e-04	0.0
39	2	-2.10e-03	-1.50e-03	-0.73	-4.74e-04	4.06e-04	3.43e-06
39	15	-0.12	0.03	-0.56	-9.45e-04	-2.21e-05	5.15e-05
39	29	0.01	0.06	-0.71	-3.79e-03	8.74e-04	1.09e-04
39	30	0.03	-0.07	-0.34	2.95e-03	-1.41e-04	-1.11e-04
39	47	-0.07	0.02	-0.54	-6.43e-04	1.02e-04	2.96e-05
39	61	6.26e-03	0.03	-0.62	-2.16e-03	5.99e-04	6.14e-05
39	66	0.02	-0.04	-0.42	1.40e-03	9.32e-05	-6.17e-05
39	70	-1.58e-03	-1.14e-03	-0.55	-3.58e-04	2.60e-04	2.60e-06
39	72	-1.50e-03	-1.10e-03	-0.53	-3.38e-04	2.91e-04	2.46e-06
39	74	-1.46e-03	-1.08e-03	-0.52	-3.30e-04	2.85e-04	2.41e-06
40	2	7.02e-03	-6.51e-04	-0.76	7.73e-04	-4.36e-04	-2.00e-05
40	14	1.15	-0.54	-0.50	1.47e-03	6.92e-04	-1.15e-03
40	29	0.09	2.63	-0.74	-5.07e-03	4.90e-04	3.08e-03
40	32	-0.08	-2.63	-0.35	6.14e-03	-1.09e-03	-3.11e-03
40	46	0.66	-0.28	-0.52	1.01e-03	2.78e-04	-6.22e-04
40	61	0.06	1.39	-0.64	-2.42e-03	1.27e-04	1.63e-03
40	64	-0.05	-1.39	-0.44	3.49e-03	-7.28e-04	-1.66e-03
40	70	5.40e-03	-4.42e-04	-0.58	5.84e-04	-3.29e-04	-1.53e-05
40	72	5.38e-03	-2.50e-04	-0.55	5.49e-04	-3.09e-04	-1.51e-05
40	74	5.37e-03	-1.73e-04	-0.54	5.35e-04	-3.01e-04	-1.50e-05
41	2	2.87e-03	6.08e-04	-0.45	1.27e-04	1.97e-04	0.0
41	13	0.12	0.01	-0.45	9.15e-05	8.75e-04	1.04e-04
41	21	0.04	0.08	-0.40	-1.87e-04	5.06e-04	1.89e-05
41	45	0.07	8.06e-03	-0.40	9.47e-05	5.59e-04	6.01e-05
41	53	0.03	0.04	-0.37	-5.67e-05	3.38e-04	1.13e-05
41	70	2.18e-03	4.63e-04	-0.35	9.66e-05	1.49e-04	0.0
41	72	2.08e-03	4.47e-04	-0.33	9.21e-05	1.39e-04	0.0
41	74	2.04e-03	4.41e-04	-0.33	9.02e-05	1.36e-04	0.0
42	1	-6.68e-03	1.67e-03	-0.43	-7.50e-05	-1.51e-03	1.00e-05
42	2	-7.76e-03	1.64e-03	-0.47	-9.41e-05	-1.70e-03	1.05e-05
42	13	1.22	0.32	-0.47	-4.65e-04	9.46e-05	2.94e-04
42	16	-1.23	-0.31	-0.21	3.42e-04	-2.49e-03	-2.78e-04
42	21	0.65	0.87	-0.42	-1.13e-03	-5.40e-04	-1.59e-03
42	45	0.70	0.17	-0.41	-2.79e-04	-4.59e-04	1.99e-04
42	48	-0.71	-0.17	-0.26	1.56e-04	-1.94e-03	-1.83e-04
42	53	0.35	0.48	-0.38	-6.35e-04	-8.40e-04	-8.25e-04
42	69	-5.13e-03	1.28e-03	-0.33	-5.77e-05	-1.16e-03	7.73e-06

42	70	-5.86e-03	1.26e-03	-0.36	-7.04e-05	-1.29e-03	8.06e-06
42	71	-5.13e-03	1.28e-03	-0.33	-5.77e-05	-1.16e-03	7.73e-06
42	72	-5.50e-03	1.27e-03	-0.34	-6.41e-05	-1.22e-03	7.89e-06
42	73	-5.13e-03	1.28e-03	-0.33	-5.77e-05	-1.16e-03	7.73e-06
42	74	-5.35e-03	1.28e-03	-0.34	-6.15e-05	-1.20e-03	7.83e-06
43	2	-9.11e-04	1.12e-03	-0.40	1.40e-04	-1.75e-04	-8.22e-06
43	19	-0.08	9.76e-03	-0.43	-1.34e-04	-5.40e-04	-1.70e-04
43	31	-0.02	0.08	-0.49	-8.69e-04	-4.58e-04	-7.14e-05
43	35	-0.03	0.07	-0.50	-8.84e-04	-5.03e-04	-8.73e-05
43	51	-0.05	5.42e-03	-0.37	-2.28e-05	-3.58e-04	-9.98e-05
43	63	-0.01	0.04	-0.40	-4.15e-04	-3.02e-04	-4.29e-05
43	67	-0.02	0.04	-0.40	-4.22e-04	-3.27e-04	-5.22e-05
43	70	-7.00e-04	8.53e-04	-0.31	1.06e-04	-1.32e-04	-6.07e-06
43	72	-6.98e-04	8.26e-04	-0.29	1.00e-04	-1.22e-04	-5.24e-06
43	74	-6.97e-04	8.15e-04	-0.29	9.76e-05	-1.19e-04	-4.90e-06
44	2	7.25e-03	-4.23e-03	-0.41	3.66e-05	6.90e-04	6.06e-06
44	18	0.50	-0.18	-0.15	3.24e-04	1.28e-03	1.51e-03
44	32	0.02	-0.94	-0.12	1.35e-03	5.14e-04	-9.90e-04
44	35	-0.21	0.86	-0.51	-1.17e-03	1.09e-04	1.64e-04
44	50	0.29	-0.09	-0.21	1.91e-04	9.41e-04	8.82e-04
44	64	0.01	-0.52	-0.20	7.44e-04	4.92e-04	-5.36e-04
44	67	-0.12	0.47	-0.41	-6.05e-04	2.69e-04	6.68e-05
44	70	5.41e-03	-3.13e-03	-0.31	3.12e-05	5.21e-04	4.94e-06
44	72	4.89e-03	-2.75e-03	-0.30	4.11e-05	4.88e-04	5.85e-06
44	74	4.68e-03	-2.59e-03	-0.29	4.50e-05	4.75e-04	6.22e-06
45	2	-2.04e-03	-3.90e-03	-0.46	1.30e-04	1.94e-04	-6.50e-06
45	19	-0.08	1.26e-04	-0.34	-8.35e-04	2.11e-05	4.59e-05
45	29	2.66e-04	0.06	-0.36	-3.59e-03	3.36e-06	8.17e-05
45	36	-0.02	-0.06	-0.29	3.71e-03	2.53e-04	-8.42e-05
45	51	-0.05	-1.32e-03	-0.33	-4.00e-04	7.03e-05	2.47e-05
45	61	-3.72e-04	0.03	-0.35	-1.86e-03	6.44e-05	4.44e-05
45	68	-0.01	-0.03	-0.31	1.99e-03	1.96e-04	-4.83e-05
45	70	-1.55e-03	-2.76e-03	-0.35	9.56e-05	1.46e-04	-4.64e-06
45	72	-1.48e-03	-1.97e-03	-0.33	8.03e-05	1.37e-04	-3.47e-06
45	74	-1.45e-03	-1.66e-03	-0.33	7.42e-05	1.33e-04	-3.00e-06
46	2	5.27e-03	-6.76e-04	-0.47	-2.96e-04	-3.23e-05	-1.26e-05
46	18	0.50	-0.59	-0.32	1.31e-03	5.92e-04	-1.39e-03
46	29	-7.21e-03	2.63	-0.37	-6.74e-03	-1.01e-04	3.07e-03
46	32	0.01	-2.63	-0.30	6.47e-03	5.72e-05	-3.09e-03
46	50	0.29	-0.30	-0.33	6.07e-04	3.30e-04	-7.66e-04
46	61	-4.34e-04	1.39	-0.36	-3.63e-03	-6.05e-05	1.63e-03
46	64	7.02e-03	-1.39	-0.32	3.35e-03	1.66e-05	-1.65e-03
46	70	3.92e-03	-4.98e-04	-0.36	-2.11e-04	-2.43e-05	-9.74e-06
46	72	3.47e-03	-4.27e-04	-0.34	-1.58e-04	-2.26e-05	-9.81e-06
46	74	3.29e-03	-3.98e-04	-0.34	-1.36e-04	-2.20e-05	-9.84e-06
47	2	-1.03e-03	-6.44e-03	-0.54	1.29e-04	7.45e-05	-2.29e-06
47	19	-0.08	0.02	-0.38	-1.29e-03	1.85e-05	-3.86e-06
47	32	-2.49e-03	-0.08	-0.39	5.20e-03	6.36e-05	-2.74e-05
47	34	0.03	-0.08	-0.39	5.10e-03	7.48e-05	-2.96e-05
47	51	-0.05	6.73e-03	-0.38	-6.46e-04	3.25e-05	-2.96e-06
47	64	-1.88e-03	-0.04	-0.39	2.77e-03	5.75e-05	-1.55e-05
47	66	0.02	-0.04	-0.39	2.72e-03	6.40e-05	-1.66e-05
47	70	-7.87e-04	-4.59e-03	-0.41	9.33e-05	5.62e-05	-1.67e-06
47	72	-7.60e-04	-3.41e-03	-0.39	7.49e-05	5.25e-05	-1.39e-06
47	74	-7.49e-04	-2.94e-03	-0.39	6.75e-05	5.10e-05	-1.28e-06
48	2	2.61e-03	-0.02	-0.56	-2.93e-04	1.32e-04	-1.36e-05
48	18	0.49	-1.02	-0.40	2.40e-03	6.60e-04	-6.06e-06
48	32	6.71e-03	-3.83	-0.40	9.52e-03	1.10e-04	-1.07e-03
48	34	0.20	-3.74	-0.40	9.28e-03	3.36e-04	-8.51e-04
48	50	0.28	-0.54	-0.40	1.20e-03	4.18e-04	4.08e-06
48	64	2.54e-03	-2.03	-0.40	4.96e-03	9.79e-05	-5.81e-04
48	66	0.12	-1.98	-0.40	4.84e-03	2.29e-04	-4.54e-04
48	70	1.91e-03	-0.01	-0.43	-2.07e-04	9.92e-05	-1.04e-05
48	72	1.58e-03	-0.01	-0.41	-1.48e-04	9.22e-05	-1.02e-05
48	74	1.45e-03	-0.01	-0.40	-1.24e-04	8.95e-05	-1.01e-05
49	1	-9.60e-05	-3.13e-03	-0.51	4.99e-05	1.39e-05	0.0
49	2	-5.73e-05	-6.72e-03	-0.57	1.00e-04	1.67e-05	1.38e-06
49	19	-0.08	0.01	-0.41	-1.26e-03	-1.38e-05	-8.50e-06
49	24	-4.55e-03	-0.08	-0.41	5.13e-03	0.0	4.36e-05
49	28	-0.02	-0.08	-0.41	5.13e-03	-5.69e-06	4.13e-05
49	51	-0.05	5.84e-03	-0.41	-6.43e-04	-3.27e-06	-4.17e-06
49	56	-2.74e-03	-0.04	-0.41	2.73e-03	5.04e-06	2.41e-05
49	60	-0.01	-0.04	-0.41	2.73e-03	1.79e-06	2.29e-05
49	69	-7.38e-05	-2.41e-03	-0.39	3.84e-05	1.07e-05	0.0
49	70	-4.80e-05	-4.80e-03	-0.43	7.21e-05	1.26e-05	0.0
49	71	-7.38e-05	-2.41e-03	-0.39	3.84e-05	1.07e-05	0.0
49	72	-6.09e-05	-3.60e-03	-0.41	5.52e-05	1.16e-05	0.0

49	73	-7.38e-05	-2.41e-03	-0.39	3.84e-05	1.07e-05	0.0
49	74	-6.61e-05	-3.12e-03	-0.41	4.85e-05	1.13e-05	0.0
50	1	-1.49e-03	-0.01	-0.53	-1.07e-04	-4.14e-05	1.22e-05
50	2	-9.84e-04	-0.01	-0.59	-2.82e-04	-4.76e-05	1.35e-05
50	19	-0.49	0.95	-0.42	-2.53e-03	-5.97e-04	-3.28e-04
50	24	-0.02	-3.86	-0.42	9.60e-03	-6.35e-05	1.08e-03
50	28	-0.11	-3.84	-0.42	9.55e-03	-1.65e-04	9.95e-04
50	51	-0.28	0.49	-0.42	-1.39e-03	-3.58e-04	-1.70e-04
50	56	-0.01	-2.04	-0.42	5.01e-03	-5.11e-05	5.84e-04
50	60	-0.06	-2.03	-0.42	4.98e-03	-1.09e-04	5.37e-04
50	69	-1.15e-03	-9.33e-03	-0.41	-8.22e-05	-3.18e-05	9.35e-06
50	70	-8.09e-04	-9.64e-03	-0.45	-1.99e-04	-3.60e-05	1.02e-05
50	71	-1.15e-03	-9.33e-03	-0.41	-8.22e-05	-3.18e-05	9.35e-06
50	72	-9.78e-04	-9.49e-03	-0.43	-1.41e-04	-3.39e-05	9.80e-06
50	73	-1.15e-03	-9.33e-03	-0.41	-8.22e-05	-3.18e-05	9.35e-06
50	74	-1.04e-03	-9.42e-03	-0.42	-1.17e-04	-3.31e-05	9.62e-06
51	2	1.57e-03	-4.67e-03	-0.52	3.38e-05	-2.11e-04	6.08e-06
51	18	0.08	-0.02	-0.37	8.20e-04	-1.09e-04	1.29e-05
51	22	0.02	-0.06	-0.35	3.33e-03	-2.39e-04	9.73e-05
51	23	-0.02	0.05	-0.40	-3.31e-03	-5.16e-05	-9.19e-05
51	50	0.05	-0.01	-0.37	4.36e-04	-1.23e-04	7.79e-06
51	54	0.01	-0.03	-0.36	1.76e-03	-1.95e-04	5.53e-05
51	57	0.01	0.02	-0.39	-1.80e-03	-8.01e-05	-5.40e-05
51	70	1.18e-03	-3.34e-03	-0.40	2.30e-05	-1.59e-04	4.32e-06
51	72	1.10e-03	-2.53e-03	-0.38	1.32e-05	-1.49e-04	3.16e-06
51	74	1.07e-03	-2.20e-03	-0.37	9.22e-06	-1.45e-04	2.70e-06
52	1	-4.51e-03	-4.14e-03	-0.49	-7.07e-05	8.09e-05	1.20e-05
52	2	-4.47e-03	-4.00e-03	-0.54	-2.21e-04	9.84e-05	1.31e-05
52	19	-0.49	0.52	-0.39	-1.42e-03	-4.83e-04	-7.03e-04
52	22	0.08	-2.55	-0.36	5.96e-03	7.07e-05	3.32e-03
52	23	-0.09	2.54	-0.41	-6.13e-03	6.07e-05	-3.31e-03
52	51	-0.29	0.27	-0.39	-7.86e-04	-2.51e-04	-3.58e-04
52	54	0.05	-1.35	-0.37	3.10e-03	7.06e-05	1.77e-03
52	57	0.06	1.31	-0.40	-3.43e-03	1.97e-04	-1.82e-03
52	69	-3.47e-03	-3.19e-03	-0.37	-5.44e-05	6.22e-05	9.24e-06
52	70	-3.44e-03	-3.09e-03	-0.41	-1.54e-04	7.39e-05	9.94e-06
52	71	-3.47e-03	-3.19e-03	-0.37	-5.44e-05	6.22e-05	9.24e-06
52	72	-3.46e-03	-3.14e-03	-0.39	-1.04e-04	6.81e-05	9.59e-06
52	73	-3.47e-03	-3.19e-03	-0.37	-5.44e-05	6.22e-05	9.24e-06
52	74	-3.46e-03	-3.16e-03	-0.39	-8.43e-05	6.57e-05	9.45e-06
53	2	9.51e-03	-4.04e-03	-0.46	2.42e-04	2.02e-03	1.11e-05
53	14	1.14	-0.10	-0.24	3.67e-04	2.67e-03	6.94e-04
53	20	-1.05	-0.36	-0.42	6.09e-04	1.93e-04	-1.41e-03
53	32	-0.08	-0.94	-0.36	1.45e-03	1.10e-03	-1.57e-03
53	46	0.66	-0.05	-0.28	2.69e-04	2.14e-03	4.18e-04
53	52	-0.60	-0.20	-0.38	4.03e-04	7.14e-04	-7.90e-04
53	64	-0.05	-0.51	-0.34	8.52e-04	1.24e-03	-8.33e-04
53	70	7.28e-03	-2.99e-03	-0.35	1.82e-04	1.53e-03	8.55e-06
53	72	7.17e-03	-2.60e-03	-0.33	1.66e-04	1.45e-03	8.52e-06
53	74	7.12e-03	-2.44e-03	-0.33	1.60e-04	1.42e-03	8.51e-06
54	1	-2.72e-03	4.42e-04	-0.40	-1.80e-05	-2.43e-04	-3.50e-06
54	2	-3.11e-03	4.25e-04	-0.44	-2.71e-05	-2.85e-04	-3.75e-06
54	15	-0.11	2.73e-03	-0.40	-5.63e-05	-8.05e-04	1.06e-04
54	20	-0.11	-0.03	-0.41	1.82e-04	-7.75e-04	1.13e-04
54	31	-0.03	0.08	-0.32	-4.30e-04	-3.49e-04	-4.64e-05
54	47	-0.07	1.34e-03	-0.37	-3.47e-05	-5.47e-04	6.03e-05
54	52	-0.06	-0.02	-0.37	9.21e-05	-5.30e-04	6.39e-05
54	63	-0.02	0.04	-0.32	-2.36e-04	-2.83e-04	-2.78e-05
54	69	-2.09e-03	3.40e-04	-0.31	-1.39e-05	-1.87e-04	-2.69e-06
54	70	-2.36e-03	3.28e-04	-0.33	-1.99e-05	-2.15e-04	-2.86e-06
54	71	-2.09e-03	3.40e-04	-0.31	-1.39e-05	-1.87e-04	-2.69e-06
54	72	-2.22e-03	3.34e-04	-0.32	-1.69e-05	-2.01e-04	-2.77e-06
54	73	-2.09e-03	3.40e-04	-0.31	-1.39e-05	-1.87e-04	-2.69e-06
54	74	-2.17e-03	3.36e-04	-0.32	-1.57e-05	-1.96e-04	-2.74e-06
55	1	3.01e-04	1.89e-03	-0.67	2.47e-04	-6.35e-05	3.79e-06
55	2	2.82e-04	2.11e-03	-0.74	2.80e-04	-7.17e-05	4.15e-06
55	13	0.12	0.02	-0.43	-1.56e-03	5.99e-04	5.52e-05
55	35	-0.02	0.11	-0.26	-4.71e-03	6.38e-04	4.52e-05
55	36	-0.05	-0.10	-0.80	5.29e-03	-9.86e-04	-5.52e-05
55	45	0.07	0.01	-0.48	-7.39e-04	3.12e-04	3.22e-05
55	67	-0.01	0.06	-0.39	-2.38e-03	3.06e-04	2.54e-05
55	68	-0.03	-0.05	-0.67	2.88e-03	-5.50e-04	-2.87e-05
55	69	2.31e-04	1.46e-03	-0.51	1.90e-04	-4.89e-05	2.91e-06
55	70	2.19e-04	1.60e-03	-0.56	2.12e-04	-5.43e-05	3.16e-06
55	71	2.31e-04	1.46e-03	-0.51	1.90e-04	-4.89e-05	2.91e-06
55	72	2.25e-04	1.53e-03	-0.54	2.01e-04	-5.16e-05	3.04e-06
55	73	2.31e-04	1.46e-03	-0.51	1.90e-04	-4.89e-05	2.91e-06

55	74	2.28e-04	1.50e-03	-0.53	1.97e-04	-5.05e-05	2.99e-06
56	2	-1.65e-03	-0.02	-0.77	-4.86e-04	1.38e-04	-1.97e-05
56	16	-1.23	-1.20	-0.64	2.39e-03	-1.33e-03	-7.92e-04
56	32	-0.65	-3.83	-0.83	7.71e-03	-1.36e-03	-1.18e-03
56	36	-0.77	-3.82	-0.83	7.73e-03	-1.49e-03	-1.36e-03
56	48	-0.70	-0.64	-0.60	1.12e-03	-7.06e-04	-4.36e-04
56	64	-0.35	-2.03	-0.69	3.91e-03	-6.84e-04	-6.30e-04
56	68	-0.43	-2.02	-0.70	3.92e-03	-7.55e-04	-7.33e-04
56	70	-1.22e-03	-0.01	-0.58	-3.67e-04	1.04e-04	-1.51e-05
56	72	-1.07e-03	-0.01	-0.56	-3.45e-04	9.74e-05	-1.48e-05
56	74	-1.01e-03	-0.01	-0.55	-3.37e-04	9.47e-05	-1.47e-05
57	2	2.04e-03	5.16e-04	-0.72	1.18e-04	-2.92e-04	0.0
57	13	0.13	7.54e-03	-0.52	-1.02e-03	2.21e-04	-4.83e-05
57	21	0.04	0.06	-0.53	-3.28e-03	3.06e-05	-1.05e-04
57	23	3.76e-04	0.07	-0.52	-3.14e-03	-1.07e-04	-9.27e-05
57	45	0.07	3.68e-03	-0.52	-4.99e-04	3.88e-05	-2.73e-05
57	53	0.03	0.03	-0.52	-1.69e-03	-7.67e-05	-5.86e-05
57	55	9.15e-05	0.04	-0.52	-1.61e-03	-1.56e-04	-5.18e-05
57	70	1.55e-03	3.91e-04	-0.54	8.95e-05	-2.21e-04	0.0
57	72	1.48e-03	3.71e-04	-0.52	8.50e-05	-2.09e-04	0.0
57	74	1.46e-03	3.63e-04	-0.51	8.32e-05	-2.04e-04	0.0
58	2	-5.96e-03	-4.54e-03	-0.75	-7.16e-05	1.46e-04	1.16e-05
58	16	-1.23	-0.85	-0.52	1.86e-03	-1.06e-03	1.20e-03
58	21	0.65	2.37	-0.55	-5.80e-03	7.58e-04	-3.30e-03
58	22	-0.26	-2.55	-0.52	5.37e-03	-1.75e-04	3.19e-03
58	48	-0.71	-0.45	-0.53	9.60e-04	-5.60e-04	6.47e-04
58	53	0.35	1.25	-0.54	-3.09e-03	4.59e-04	-1.75e-03
58	54	-0.13	-1.35	-0.53	2.80e-03	-3.48e-05	1.69e-03
58	70	-4.49e-03	-3.48e-03	-0.57	-5.39e-05	1.11e-04	8.87e-06
58	72	-4.19e-03	-3.42e-03	-0.54	-5.01e-05	1.05e-04	8.73e-06
58	74	-4.07e-03	-3.39e-03	-0.53	-4.86e-05	1.03e-04	8.67e-06
59	2	1.15e-03	1.22e-03	-0.74	1.70e-04	4.48e-05	-2.98e-06
59	13	0.13	0.03	-0.53	-1.55e-03	4.50e-04	0.0
59	22	2.38e-03	-0.10	-0.53	5.08e-03	-1.68e-04	4.60e-05
59	23	-7.09e-04	0.10	-0.53	-4.84e-03	2.30e-04	-5.02e-05
59	45	0.07	0.01	-0.53	-7.64e-04	2.69e-04	0.0
59	54	2.43e-03	-0.05	-0.53	2.73e-03	-7.08e-05	2.37e-05
59	55	-7.55e-04	0.05	-0.53	-2.49e-03	1.33e-04	-2.79e-05
59	70	8.78e-04	9.26e-04	-0.56	1.29e-04	3.39e-05	-2.26e-06
59	72	8.48e-04	8.91e-04	-0.54	1.22e-04	3.21e-05	-2.16e-06
59	74	8.36e-04	8.78e-04	-0.53	1.20e-04	3.13e-05	-2.12e-06
60	2	-3.81e-03	-0.01	-0.77	-1.35e-04	-7.21e-05	1.66e-05
60	16	-1.23	-1.27	-0.55	2.71e-03	-1.19e-03	5.35e-04
60	22	-0.27	-3.75	-0.55	8.27e-03	-3.90e-04	1.01e-03
60	24	-0.66	-3.86	-0.55	8.50e-03	-7.52e-04	1.29e-03
60	48	-0.70	-0.67	-0.55	1.39e-03	-7.01e-04	2.96e-04
60	54	-0.13	-1.98	-0.55	4.32e-03	-2.22e-04	5.40e-04
60	56	-0.36	-2.04	-0.55	4.44e-03	-4.31e-04	6.96e-04
60	70	-2.86e-03	-0.01	-0.59	-1.02e-04	-5.46e-05	1.26e-05
60	72	-2.64e-03	-9.80e-03	-0.56	-9.52e-05	-5.17e-05	1.21e-05
60	74	-2.54e-03	-9.70e-03	-0.55	-9.26e-05	-5.05e-05	1.19e-05
61	2	-9.11e-04	1.78e-03	-0.42	1.40e-04	-1.67e-04	-8.20e-06
61	19	-0.08	-4.47e-04	-0.47	-1.33e-04	-5.29e-04	-1.69e-04
61	31	-0.02	0.08	-0.53	-8.69e-04	-4.45e-04	-7.07e-05
61	35	-0.03	0.07	-0.54	-8.83e-04	-4.90e-04	-8.66e-05
61	51	-0.05	-3.28e-04	-0.39	-2.28e-05	-3.49e-04	-9.96e-05
61	63	-0.01	0.05	-0.42	-4.14e-04	-2.92e-04	-4.25e-05
61	67	-0.02	0.04	-0.43	-4.22e-04	-3.18e-04	-5.18e-05
61	70	-7.00e-04	1.34e-03	-0.32	1.06e-04	-1.26e-04	-6.05e-06
61	72	-6.98e-04	1.24e-03	-0.30	1.00e-04	-1.16e-04	-5.22e-06
61	74	-6.97e-04	1.21e-03	-0.30	9.76e-05	-1.13e-04	-4.89e-06
62	1	-3.88e-04	1.04e-03	-0.35	1.32e-04	-1.46e-04	-5.73e-06
62	2	-1.72e-04	1.12e-03	-0.39	1.51e-04	-1.75e-04	-8.22e-06
62	20	-0.08	-0.03	-0.28	4.71e-04	-3.69e-04	-1.48e-04
62	31	2.24e-03	0.08	-0.57	-8.51e-04	-4.57e-04	-7.13e-05
62	35	-0.01	0.07	-0.58	-8.66e-04	-5.02e-04	-8.72e-05
62	52	-0.05	-0.02	-0.28	3.01e-04	-2.67e-04	-8.75e-05
62	63	1.16e-03	0.04	-0.44	-4.02e-04	-3.01e-04	-4.29e-05
62	67	-6.73e-03	0.04	-0.44	-4.09e-04	-3.27e-04	-5.21e-05
62	69	-2.99e-04	7.98e-04	-0.27	1.01e-04	-1.13e-04	-4.41e-06
62	70	-1.54e-04	8.53e-04	-0.30	1.14e-04	-1.32e-04	-6.07e-06
62	71	-2.99e-04	7.98e-04	-0.27	1.01e-04	-1.13e-04	-4.41e-06
62	72	-2.26e-04	8.25e-04	-0.28	1.08e-04	-1.22e-04	-5.24e-06
62	73	-2.99e-04	7.98e-04	-0.27	1.01e-04	-1.13e-04	-4.41e-06
62	74	-2.55e-04	8.14e-04	-0.28	1.05e-04	-1.18e-04	-4.91e-06
63	1	-3.99e-04	-3.46e-05	-0.37	1.08e-05	-5.47e-05	3.59e-06
63	2	-2.48e-04	9.29e-06	-0.41	1.97e-05	-7.34e-05	5.83e-06

63	11	-0.10	0.04	-0.30	-5.35e-05	-2.79e-04	1.56e-04
63	30	0.04	-0.08	-0.49	7.36e-04	-2.38e-04	-7.87e-06
63	32	-0.02	-0.07	-0.54	8.37e-04	-4.30e-04	9.09e-05
63	43	-0.06	0.02	-0.30	-1.50e-05	-1.82e-04	9.14e-05
63	62	0.02	-0.04	-0.40	3.92e-04	-1.45e-04	-3.27e-06
63	64	-0.01	-0.04	-0.42	4.51e-04	-4.83e-04	5.36e-05
63	69	-3.07e-04	-2.66e-05	-0.28	8.33e-06	-4.21e-05	2.76e-06
63	70	-2.06e-04	2.65e-06	-0.31	1.42e-05	-5.46e-05	4.26e-06
63	71	-3.07e-04	-2.66e-05	-0.28	8.33e-06	-4.21e-05	2.76e-06
63	72	-2.56e-04	-1.20e-05	-0.29	1.13e-05	-4.83e-05	3.51e-06
63	73	-3.07e-04	-2.66e-05	-0.28	8.33e-06	-4.21e-05	2.76e-06
63	74	-2.77e-04	-1.78e-05	-0.29	1.01e-05	-4.58e-05	3.21e-06
64	1	4.51e-04	-1.81e-04	-0.37	2.36e-05	6.15e-05	-3.89e-06
64	2	3.08e-04	-1.23e-04	-0.41	3.16e-05	7.95e-05	-6.15e-06
64	5	0.10	0.04	-0.31	-3.93e-04	2.81e-04	-1.57e-04
64	22	0.02	-0.07	-0.56	7.97e-04	4.41e-04	-8.82e-05
64	24	-0.04	-0.08	-0.51	8.96e-04	2.50e-04	1.04e-05
64	37	0.06	0.02	-0.30	-2.07e-04	1.85e-04	-9.20e-05
64	54	0.01	-0.04	-0.43	4.31e-04	2.63e-04	-5.21e-05
64	56	-0.02	-0.04	-0.41	4.88e-04	1.54e-04	4.66e-06
64	69	3.47e-04	-1.39e-04	-0.29	1.81e-05	4.73e-05	-2.99e-06
64	70	2.51e-04	-1.01e-04	-0.31	2.35e-05	5.93e-05	-4.50e-06
64	71	3.47e-04	-1.39e-04	-0.29	1.81e-05	4.73e-05	-2.99e-06
64	72	2.99e-04	-1.20e-04	-0.30	2.08e-05	5.33e-05	-3.74e-06
64	73	3.47e-04	-1.39e-04	-0.29	1.81e-05	4.73e-05	-2.99e-06
64	74	3.18e-04	-1.28e-04	-0.29	1.97e-05	5.09e-05	-3.44e-06
65	2	7.99e-04	-6.15e-04	-0.41	3.98e-05	7.12e-05	-6.14e-06
65	5	0.10	0.04	-0.34	-3.89e-04	2.74e-04	-1.57e-04
65	22	0.02	-0.07	-0.52	8.09e-04	4.29e-04	-8.76e-05
65	24	-0.03	-0.08	-0.46	9.07e-04	2.40e-04	1.10e-05
65	37	0.06	0.02	-0.32	-2.03e-04	1.79e-04	-9.21e-05
65	54	0.01	-0.04	-0.42	4.40e-04	2.54e-04	-5.18e-05
65	56	-0.02	-0.05	-0.38	4.97e-04	1.46e-04	4.99e-06
65	70	6.11e-04	-4.60e-04	-0.31	2.97e-05	5.31e-05	-4.49e-06
65	72	5.98e-04	-4.19e-04	-0.30	2.66e-05	4.75e-05	-3.74e-06
65	74	5.93e-04	-4.03e-04	-0.30	2.54e-05	4.52e-05	-3.44e-06
66	2	-7.14e-04	-4.57e-04	-0.41	2.78e-05	-6.53e-05	5.83e-06
66	7	-0.10	0.04	-0.35	-1.60e-05	-2.90e-04	1.64e-04
66	30	0.03	-0.08	-0.45	7.47e-04	-2.28e-04	-8.42e-06
66	32	-0.02	-0.07	-0.51	8.49e-04	-4.18e-04	9.04e-05
66	43	-0.06	0.02	-0.32	-1.02e-05	-1.76e-04	9.16e-05
66	62	0.02	-0.05	-0.37	4.00e-04	-1.37e-04	-3.58e-06
66	64	-0.01	-0.04	-0.41	4.59e-04	-2.45e-04	5.33e-05
66	70	-5.46e-04	-3.37e-04	-0.31	2.03e-05	-4.84e-05	4.25e-06
66	72	-5.37e-04	-2.92e-04	-0.30	1.70e-05	-4.26e-05	3.50e-06
66	74	-5.33e-04	-2.74e-04	-0.29	1.57e-05	-4.03e-05	3.20e-06
67	2	9.23e-04	2.93e-04	-0.42	-9.24e-05	7.64e-05	6.11e-06
67	18	0.08	-0.03	-0.35	1.44e-05	2.83e-04	7.49e-05
67	21	3.88e-03	0.08	-0.48	-6.63e-04	3.49e-04	7.00e-05
67	25	0.02	0.07	-0.50	-7.14e-04	3.91e-04	7.99e-05
67	50	0.05	-0.02	-0.33	-2.42e-05	1.87e-04	4.53e-05
67	53	2.64e-03	0.05	-0.40	-3.79e-04	2.11e-04	3.96e-05
67	57	0.01	0.04	-0.40	-4.07e-04	2.34e-04	4.53e-05
67	70	6.99e-04	2.18e-04	-0.32	-6.91e-05	5.70e-05	4.48e-06
67	72	6.61e-04	1.94e-04	-0.30	-6.26e-05	5.11e-05	3.77e-06
67	74	6.46e-04	1.84e-04	-0.30	-6.00e-05	4.88e-05	3.48e-06
68	1	4.54e-04	-9.68e-05	-0.38	-6.27e-05	6.61e-05	3.97e-06
68	2	3.73e-04	-1.96e-04	-0.42	-8.03e-05	8.49e-05	6.12e-06
68	18	0.08	-0.02	-0.32	2.08e-05	2.90e-04	7.51e-05
68	24	1.84e-03	-0.08	-0.08	5.44e-04	-2.50e-04	-6.37e-05
68	25	0.01	0.07	-0.52	-6.98e-04	4.02e-04	8.05e-05
68	50	0.05	-0.01	-0.31	-1.70e-05	1.93e-04	4.54e-05
68	56	8.52e-04	-0.04	-0.18	2.63e-04	-1.10e-04	-3.30e-05
68	57	7.69e-03	0.04	-0.42	-3.95e-04	2.43e-04	4.56e-05
68	69	3.49e-04	-7.45e-05	-0.29	-4.82e-05	5.08e-05	3.06e-06
68	70	2.95e-04	-1.41e-04	-0.32	-6.00e-05	6.33e-05	4.49e-06
68	71	3.49e-04	-7.45e-05	-0.29	-4.82e-05	5.08e-05	3.06e-06
68	72	3.22e-04	-1.08e-04	-0.31	-5.41e-05	5.71e-05	3.77e-06
68	73	3.49e-04	-7.45e-05	-0.29	-4.82e-05	5.08e-05	3.06e-06
68	74	3.33e-04	-9.44e-05	-0.30	-5.18e-05	5.46e-05	3.49e-06
69	1	-3.98e-03	2.90e-03	-0.40	-2.56e-04	-1.05e-03	-1.49e-06
69	2	-4.69e-03	2.79e-03	-0.45	-2.94e-04	-1.16e-03	-2.02e-06
69	6	0.79	-0.09	-0.43	-2.32e-04	1.83e-04	-3.74e-03
69	8	-0.82	-0.40	-0.25	1.03e-04	-1.79e-03	3.61e-03
69	21	0.28	0.87	-0.26	-7.22e-04	-6.30e-04	-8.86e-04
69	38	0.46	-0.04	-0.38	-2.26e-04	-2.50e-04	-2.16e-03
69	40	-0.48	-0.22	-0.28	-3.10e-05	-1.38e-03	2.08e-03

69	53	0.16	0.48	-0.29	-4.86e-04	-7.12e-04	-5.16e-04
69	69	-3.06e-03	2.23e-03	-0.31	-1.97e-04	-8.11e-04	-1.15e-06
69	70	-3.53e-03	2.15e-03	-0.34	-2.22e-04	-8.81e-04	-1.50e-06
69	71	-3.06e-03	2.23e-03	-0.31	-1.97e-04	-8.11e-04	-1.15e-06
69	72	-3.30e-03	2.19e-03	-0.32	-2.09e-04	-8.46e-04	-1.32e-06
69	73	-3.06e-03	2.23e-03	-0.31	-1.97e-04	-8.11e-04	-1.15e-06
69	74	-3.21e-03	2.21e-03	-0.32	-2.04e-04	-8.32e-04	-1.25e-06
70	1	-3.73e-03	2.82e-03	-0.43	-1.73e-04	-1.15e-03	-3.07e-06
70	2	-4.37e-03	2.72e-03	-0.47	-1.98e-04	-1.23e-03	-3.74e-06
70	6	1.12	-0.09	-0.45	-3.25e-04	3.53e-04	-4.34e-03
70	7	-1.13	0.09	-0.22	4.92e-05	-2.16e-03	4.33e-03
70	21	0.26	0.87	-0.30	-1.04e-04	-6.18e-04	-6.29e-04
70	38	0.64	-0.04	-0.40	-2.45e-04	-1.82e-04	-2.49e-03
70	39	-0.65	0.05	-0.27	-3.10e-05	-1.62e-03	2.48e-03
70	53	0.15	0.48	-0.32	-1.20e-04	-7.36e-04	-3.91e-04
70	69	-2.87e-03	2.17e-03	-0.33	-1.33e-04	-8.85e-04	-2.36e-06
70	70	-3.30e-03	2.10e-03	-0.36	-1.49e-04	-9.41e-04	-2.81e-06
70	71	-2.87e-03	2.17e-03	-0.33	-1.33e-04	-8.85e-04	-2.36e-06
70	72	-3.08e-03	2.14e-03	-0.34	-1.41e-04	-9.13e-04	-2.59e-06
70	73	-2.87e-03	2.17e-03	-0.33	-1.33e-04	-8.85e-04	-2.36e-06
70	74	-3.00e-03	2.15e-03	-0.34	-1.38e-04	-9.02e-04	-2.50e-06
71	1	-3.42e-03	2.75e-03	-0.44	-2.34e-05	-1.27e-03	-2.66e-06
71	2	-3.99e-03	2.65e-03	-0.48	-1.41e-05	-1.36e-03	-3.26e-06
71	6	1.49	-0.09	-0.47	-2.26e-04	5.32e-04	-3.88e-03
71	7	-1.49	0.09	-0.22	1.94e-04	-2.52e-03	3.87e-03
71	21	0.31	0.87	-0.29	1.02e-04	-6.24e-04	-6.49e-04
71	38	0.85	-0.04	-0.42	-1.35e-04	-1.18e-04	-2.22e-03
71	39	-0.86	0.05	-0.27	1.03e-04	-1.87e-03	2.22e-03
71	53	0.18	0.48	-0.32	4.93e-05	-7.80e-04	-3.95e-04
71	69	-2.63e-03	2.11e-03	-0.34	-1.80e-05	-9.77e-04	-2.05e-06
71	70	-3.01e-03	2.05e-03	-0.37	-1.18e-05	-1.04e-03	-2.44e-06
71	71	-2.63e-03	2.11e-03	-0.34	-1.80e-05	-9.77e-04	-2.05e-06
71	72	-2.82e-03	2.08e-03	-0.35	-1.49e-05	-1.01e-03	-2.24e-06
71	73	-2.63e-03	2.11e-03	-0.34	-1.80e-05	-9.77e-04	-2.05e-06
71	74	-2.74e-03	2.10e-03	-0.34	-1.62e-05	-9.95e-04	-2.16e-06
72	1	-3.25e-03	2.68e-03	-0.43	7.56e-05	-1.41e-03	0.0
72	2	-3.77e-03	2.59e-03	-0.48	1.06e-04	-1.54e-03	0.0
72	6	1.78	-0.09	-0.48	8.70e-06	7.05e-04	-2.37e-03
72	7	-1.79	0.09	-0.20	1.20e-04	-2.93e-03	2.37e-03
72	21	0.39	0.87	-0.29	-2.28e-04	-6.52e-04	-1.06e-03
72	38	1.02	-0.04	-0.42	2.81e-05	-6.80e-05	-1.37e-03
72	39	-1.03	0.05	-0.26	1.00e-04	-2.16e-03	1.37e-03
72	53	0.23	0.48	-0.31	-9.23e-05	-8.47e-04	-5.98e-04
72	69	-2.50e-03	2.06e-03	-0.33	5.82e-05	-1.09e-03	0.0
72	70	-2.85e-03	2.00e-03	-0.36	7.82e-05	-1.17e-03	0.0
72	71	-2.50e-03	2.06e-03	-0.33	5.82e-05	-1.09e-03	0.0
72	72	-2.67e-03	2.03e-03	-0.35	6.82e-05	-1.13e-03	0.0
72	73	-2.50e-03	2.06e-03	-0.33	5.82e-05	-1.09e-03	0.0
72	74	-2.60e-03	2.04e-03	-0.34	6.42e-05	-1.11e-03	0.0
73	1	-3.42e-03	2.60e-03	-0.42	6.08e-06	-1.58e-03	4.14e-06
73	2	-3.94e-03	2.52e-03	-0.47	1.12e-05	-1.77e-03	4.35e-06
73	6	1.91	-0.09	-0.46	1.50e-04	8.64e-04	-3.99e-05
73	7	-1.91	0.09	-0.21	-1.38e-04	-3.37e-03	4.63e-05
73	21	0.49	0.87	-0.35	-1.14e-03	-7.05e-04	-1.78e-03
73	38	1.09	-0.04	-0.41	7.66e-05	-3.61e-05	-4.76e-05
73	39	-1.10	0.05	-0.26	-6.52e-05	-2.47e-03	5.41e-05
73	53	0.28	0.48	-0.34	-6.11e-04	-9.39e-04	-9.46e-04
73	69	-2.63e-03	2.00e-03	-0.33	4.68e-06	-1.22e-03	3.18e-06
73	70	-2.98e-03	1.95e-03	-0.36	8.12e-06	-1.34e-03	3.33e-06
73	71	-2.63e-03	2.00e-03	-0.33	4.68e-06	-1.22e-03	3.18e-06
73	72	-2.80e-03	1.97e-03	-0.34	6.40e-06	-1.28e-03	3.25e-06
73	73	-2.63e-03	2.00e-03	-0.33	4.68e-06	-1.22e-03	3.18e-06
73	74	-2.73e-03	1.98e-03	-0.34	5.71e-06	-1.26e-03	3.23e-06
74	1	-3.27e-03	2.49e-03	-0.43	-1.35e-04	-1.52e-03	-6.92e-06
74	2	-3.75e-03	2.41e-03	-0.48	-1.66e-04	-1.66e-03	-7.77e-06
74	5	1.88	0.40	-0.48	-2.02e-04	7.86e-04	1.14e-03
74	12	-1.89	-0.33	-0.21	-2.78e-05	-3.18e-03	-1.20e-03
74	21	0.64	0.87	-0.42	-2.75e-04	-6.51e-04	9.19e-05
74	37	1.08	0.22	-0.42	-1.61e-04	-5.75e-05	6.53e-04
74	44	-1.09	-0.18	-0.27	-6.46e-05	-2.34e-03	-6.93e-04
74	53	0.37	0.48	-0.39	-1.99e-04	-8.84e-04	5.16e-05
74	69	-2.51e-03	1.91e-03	-0.33	-1.04e-04	-1.17e-03	-5.32e-06
74	70	-2.84e-03	1.86e-03	-0.36	-1.24e-04	-1.27e-03	-5.89e-06
74	71	-2.51e-03	1.91e-03	-0.33	-1.04e-04	-1.17e-03	-5.32e-06
74	72	-2.68e-03	1.89e-03	-0.35	-1.14e-04	-1.22e-03	-5.61e-06
74	73	-2.51e-03	1.91e-03	-0.33	-1.04e-04	-1.17e-03	-5.32e-06
74	74	-2.61e-03	1.90e-03	-0.34	-1.10e-04	-1.20e-03	-5.49e-06

75	1	-2.21e-03	2.37e-03	-0.45	-9.20e-05	-1.47e-03	-1.24e-05
75	2	-2.57e-03	2.30e-03	-0.50	-1.08e-04	-1.58e-03	-1.38e-05
75	5	1.76	0.40	-0.48	-5.55e-05	7.21e-04	2.18e-03
75	12	-1.77	-0.33	-0.23	-6.59e-05	-3.02e-03	-2.16e-03
75	21	0.56	0.87	-0.41	2.88e-04	-6.15e-04	1.41e-03
75	37	1.01	0.22	-0.43	-6.80e-05	-7.46e-05	1.24e-03
75	44	-1.02	-0.18	-0.28	-6.57e-05	-2.23e-03	-1.24e-03
75	53	0.32	0.48	-0.39	1.20e-04	-8.43e-04	7.76e-04
75	69	-1.70e-03	1.82e-03	-0.34	-7.08e-05	-1.13e-03	-9.57e-06
75	70	-1.94e-03	1.77e-03	-0.38	-8.16e-05	-1.20e-03	-1.05e-05
75	71	-1.70e-03	1.82e-03	-0.34	-7.08e-05	-1.13e-03	-9.57e-06
75	72	-1.82e-03	1.80e-03	-0.36	-7.62e-05	-1.17e-03	-1.00e-05
75	73	-1.70e-03	1.82e-03	-0.34	-7.08e-05	-1.13e-03	-9.57e-06
75	74	-1.77e-03	1.81e-03	-0.35	-7.40e-05	-1.15e-03	-9.84e-06
76	1	-9.36e-04	2.25e-03	-0.45	2.30e-05	-1.44e-03	-1.10e-05
76	2	-1.17e-03	2.18e-03	-0.50	3.75e-05	-1.55e-03	-1.22e-05
76	14	1.67	-0.18	-0.49	-1.62e-04	6.68e-04	-1.80e-03
76	19	-1.67	0.11	-0.23	1.79e-04	-2.90e-03	1.75e-03
76	21	0.42	0.87	-0.36	4.24e-04	-6.23e-04	1.35e-03
76	46	0.96	-0.09	-0.43	-8.03e-05	-9.37e-05	-1.04e-03
76	51	-0.96	0.06	-0.28	1.08e-04	-2.15e-03	9.95e-04
76	53	0.24	0.48	-0.36	2.39e-04	-8.38e-04	7.49e-04
76	69	-7.20e-04	1.73e-03	-0.35	1.77e-05	-1.11e-03	-8.48e-06
76	70	-8.73e-04	1.69e-03	-0.38	2.74e-05	-1.18e-03	-9.28e-06
76	71	-7.20e-04	1.73e-03	-0.35	1.77e-05	-1.11e-03	-8.48e-06
76	72	-7.96e-04	1.71e-03	-0.36	2.25e-05	-1.14e-03	-8.88e-06
76	73	-7.20e-04	1.73e-03	-0.35	1.77e-05	-1.11e-03	-8.48e-06
76	74	-7.66e-04	1.72e-03	-0.36	2.06e-05	-1.13e-03	-8.72e-06
77	1	-1.61e-04	2.14e-03	-0.44	9.14e-05	-1.44e-03	-2.70e-06
77	2	-3.03e-04	2.07e-03	-0.49	1.21e-04	-1.57e-03	-3.05e-06
77	14	1.75	-0.18	-0.49	9.09e-05	7.29e-04	-6.50e-04
77	15	-1.75	0.18	-0.21	6.16e-05	-2.99e-03	6.45e-04
77	21	0.34	0.87	-0.34	-1.15e-04	-5.87e-04	6.09e-06
77	46	1.01	-0.09	-0.43	8.22e-05	-5.85e-05	-3.81e-04
77	47	-1.01	0.10	-0.27	7.03e-05	-2.20e-03	3.77e-04
77	53	0.20	0.48	-0.35	-2.62e-05	-8.18e-04	2.07e-05
77	69	-1.24e-04	1.64e-03	-0.34	7.03e-05	-1.11e-03	-2.08e-06
77	70	-2.19e-04	1.60e-03	-0.37	9.01e-05	-1.19e-03	-2.31e-06
77	71	-1.24e-04	1.64e-03	-0.34	7.03e-05	-1.11e-03	-2.08e-06
77	72	-1.71e-04	1.62e-03	-0.36	8.02e-05	-1.15e-03	-2.19e-06
77	73	-1.24e-04	1.64e-03	-0.34	7.03e-05	-1.11e-03	-2.08e-06
77	74	-1.52e-04	1.63e-03	-0.35	7.63e-05	-1.13e-03	-2.15e-06
78	1	-5.74e-04	2.02e-03	-0.44	2.00e-05	-1.44e-03	1.10e-05
78	2	-7.55e-04	1.96e-03	-0.48	2.32e-05	-1.60e-03	1.24e-05
78	13	1.72	0.32	-0.48	-2.36e-04	7.69e-04	4.95e-04
78	16	-1.73	-0.31	-0.21	2.68e-04	-3.05e-03	-4.78e-04
78	21	0.48	0.87	-0.40	-6.45e-04	-6.03e-04	-1.13e-03
78	45	0.99	0.17	-0.42	-1.20e-04	-4.03e-05	3.12e-04
78	48	-0.99	-0.17	-0.27	1.52e-04	-2.24e-03	-2.95e-04
78	53	0.28	0.48	-0.37	-3.39e-04	-8.33e-04	-5.72e-04
78	69	-4.42e-04	1.56e-03	-0.34	1.54e-05	-1.11e-03	8.47e-06
78	70	-5.62e-04	1.52e-03	-0.37	1.75e-05	-1.22e-03	9.39e-06
78	71	-4.42e-04	1.56e-03	-0.34	1.54e-05	-1.11e-03	8.47e-06
78	72	-5.02e-04	1.54e-03	-0.35	1.65e-05	-1.16e-03	8.93e-06
78	73	-4.42e-04	1.56e-03	-0.34	1.54e-05	-1.11e-03	8.47e-06
78	74	-4.78e-04	1.55e-03	-0.34	1.61e-05	-1.14e-03	8.75e-06
79	1	-2.15e-03	1.92e-03	-0.44	1.58e-05	-1.43e-03	1.87e-05
79	2	-2.58e-03	1.87e-03	-0.48	1.30e-05	-1.56e-03	2.17e-05
79	13	1.60	0.32	-0.48	1.27e-04	5.94e-04	2.20e-03
79	16	-1.60	-0.31	-0.20	-1.04e-04	-2.85e-03	-2.17e-03
79	21	0.52	0.87	-0.42	1.78e-04	-5.73e-04	-5.23e-05
79	45	0.92	0.17	-0.42	7.70e-05	-1.37e-04	1.29e-03
79	48	-0.92	-0.17	-0.26	-5.38e-05	-2.12e-03	-1.26e-03
79	53	0.29	0.48	-0.38	1.03e-04	-8.15e-04	1.95e-05
79	69	-1.66e-03	1.48e-03	-0.34	1.21e-05	-1.10e-03	1.44e-05
79	70	-1.94e-03	1.44e-03	-0.37	1.03e-05	-1.19e-03	1.64e-05
79	71	-1.66e-03	1.48e-03	-0.34	1.21e-05	-1.10e-03	1.44e-05
79	72	-1.80e-03	1.46e-03	-0.35	1.12e-05	-1.14e-03	1.54e-05
79	73	-1.66e-03	1.48e-03	-0.34	1.21e-05	-1.10e-03	1.44e-05
79	74	-1.74e-03	1.47e-03	-0.34	1.16e-05	-1.13e-03	1.50e-05
80	1	-4.19e-03	1.82e-03	-0.43	5.20e-05	-1.44e-03	2.00e-05
80	2	-4.94e-03	1.78e-03	-0.48	5.92e-05	-1.57e-03	2.32e-05
80	13	1.40	0.32	-0.47	1.93e-04	4.04e-04	2.52e-03
80	16	-1.40	-0.31	-0.22	-1.10e-04	-2.68e-03	-2.49e-03
80	21	0.53	0.87	-0.38	2.78e-04	-5.49e-04	6.11e-05
80	45	0.80	0.17	-0.41	1.27e-04	-2.52e-04	1.47e-03
80	48	-0.81	-0.17	-0.27	-4.39e-05	-2.02e-03	-1.44e-03

80	53	0.29	0.48	-0.37	1.71e-04	-8.11e-04	8.11e-05
80	69	-3.22e-03	1.40e-03	-0.33	4.00e-05	-1.11e-03	1.54e-05
80	70	-3.72e-03	1.37e-03	-0.36	4.48e-05	-1.20e-03	1.75e-05
80	71	-3.22e-03	1.40e-03	-0.33	4.00e-05	-1.11e-03	1.54e-05
80	72	-3.47e-03	1.39e-03	-0.35	4.24e-05	-1.15e-03	1.64e-05
80	73	-3.22e-03	1.40e-03	-0.33	4.00e-05	-1.11e-03	1.54e-05
80	74	-3.37e-03	1.39e-03	-0.34	4.15e-05	-1.14e-03	1.60e-05
81	1	-6.03e-03	1.72e-03	-0.43	1.08e-05	-1.48e-03	1.49e-05
81	2	-7.06e-03	1.68e-03	-0.47	1.14e-05	-1.64e-03	1.67e-05
81	13	1.25	0.32	-0.46	-1.98e-04	2.02e-04	1.40e-03
81	16	-1.26	-0.31	-0.22	2.14e-04	-2.54e-03	-1.38e-03
81	21	0.58	0.87	-0.38	-4.62e-04	-5.39e-04	-7.91e-04
81	45	0.71	0.17	-0.41	-1.04e-04	-3.85e-04	8.32e-04
81	48	-0.72	-0.17	-0.27	1.21e-04	-1.96e-03	-8.09e-04
81	53	0.32	0.48	-0.36	-2.43e-04	-8.24e-04	-3.86e-04
81	69	-4.64e-03	1.32e-03	-0.33	8.35e-06	-1.14e-03	1.15e-05
81	70	-5.32e-03	1.30e-03	-0.36	8.72e-06	-1.24e-03	1.27e-05
81	71	-4.64e-03	1.32e-03	-0.33	8.35e-06	-1.14e-03	1.15e-05
81	72	-4.98e-03	1.31e-03	-0.34	8.53e-06	-1.19e-03	1.21e-05
81	73	-4.64e-03	1.32e-03	-0.33	8.35e-06	-1.14e-03	1.15e-05
81	74	-4.84e-03	1.31e-03	-0.34	8.46e-06	-1.17e-03	1.18e-05
82	1	-7.10e-03	1.63e-03	-0.44	-1.61e-04	-1.41e-03	6.69e-06
82	2	-8.19e-03	1.60e-03	-0.48	-2.06e-04	-1.55e-03	6.51e-06
82	13	1.21	0.32	-0.49	-3.92e-04	1.22e-04	8.15e-04
82	16	-1.22	-0.31	-0.20	1.27e-04	-2.34e-03	-8.04e-04
82	21	0.71	0.87	-0.47	-7.43e-04	-5.01e-04	-5.39e-04
82	45	0.69	0.17	-0.42	-2.74e-04	-4.05e-04	4.83e-04
82	48	-0.70	-0.17	-0.26	8.32e-06	-1.82e-03	-4.73e-04
82	53	0.38	0.48	-0.41	-4.59e-04	-7.78e-04	-2.72e-04
82	69	-5.46e-03	1.26e-03	-0.33	-1.24e-04	-1.08e-03	5.15e-06
82	70	-6.19e-03	1.24e-03	-0.37	-1.54e-04	-1.17e-03	5.02e-06
82	71	-5.46e-03	1.26e-03	-0.33	-1.24e-04	-1.08e-03	5.15e-06
82	72	-5.82e-03	1.25e-03	-0.35	-1.39e-04	-1.13e-03	5.08e-06
82	73	-5.46e-03	1.26e-03	-0.33	-1.24e-04	-1.08e-03	5.15e-06
82	74	-5.68e-03	1.25e-03	-0.34	-1.33e-04	-1.11e-03	5.11e-06
83	1	-7.49e-03	1.57e-03	-0.45	-1.44e-04	-1.22e-03	1.61e-06
83	2	-8.51e-03	1.54e-03	-0.50	-1.90e-04	-1.30e-03	0.0
83	16	-1.11	-0.31	-0.22	-2.65e-04	-2.07e-03	-1.69e-03
83	21	0.68	0.87	-0.51	-4.57e-05	-4.47e-04	1.08e-03
83	25	0.79	0.84	-0.52	-3.88e-05	-3.22e-04	1.23e-03
83	48	-0.63	-0.17	-0.28	-2.04e-04	-1.59e-03	-9.63e-04
83	53	0.36	0.48	-0.44	-7.72e-05	-6.78e-04	5.81e-04
83	57	0.43	0.46	-0.45	-7.33e-05	-6.06e-04	6.71e-04
83	69	-5.76e-03	1.20e-03	-0.35	-1.11e-04	-9.41e-04	1.24e-06
83	70	-6.44e-03	1.19e-03	-0.38	-1.41e-04	-9.92e-04	0.0
83	71	-5.76e-03	1.20e-03	-0.35	-1.11e-04	-9.41e-04	1.24e-06
83	72	-6.10e-03	1.20e-03	-0.37	-1.26e-04	-9.67e-04	0.0
83	73	-5.76e-03	1.20e-03	-0.35	-1.11e-04	-9.41e-04	1.24e-06
83	74	-5.97e-03	1.20e-03	-0.36	-1.20e-04	-9.57e-04	0.0
84	1	-7.48e-03	1.50e-03	-0.46	2.44e-05	-1.06e-03	-1.34e-06
84	2	-8.35e-03	1.47e-03	-0.52	1.65e-05	-1.11e-03	-3.12e-06
84	16	-0.93	-0.31	-0.24	-2.44e-04	-1.83e-03	-2.20e-03
84	21	0.52	0.87	-0.49	3.67e-04	-4.18e-04	1.96e-03
84	25	0.62	0.84	-0.50	3.73e-04	-2.95e-04	2.15e-03
84	48	-0.53	-0.17	-0.29	-1.30e-04	-1.40e-03	-1.25e-03
84	53	0.28	0.48	-0.43	2.08e-04	-6.02e-04	1.05e-03
84	57	0.34	0.46	-0.44	2.11e-04	-5.32e-04	1.16e-03
84	69	-5.76e-03	1.15e-03	-0.35	1.87e-05	-8.19e-04	-1.03e-06
84	70	-6.33e-03	1.14e-03	-0.39	1.35e-05	-8.47e-04	-2.22e-06
84	71	-5.76e-03	1.15e-03	-0.35	1.87e-05	-8.19e-04	-1.03e-06
84	72	-6.04e-03	1.14e-03	-0.37	1.61e-05	-8.33e-04	-1.62e-06
84	73	-5.76e-03	1.15e-03	-0.35	1.87e-05	-8.19e-04	-1.03e-06
84	74	-5.93e-03	1.15e-03	-0.37	1.72e-05	-8.27e-04	-1.39e-06
85	1	-7.28e-03	1.43e-03	-0.45	2.27e-04	-9.28e-04	-2.16e-06
85	2	-7.95e-03	1.41e-03	-0.50	2.63e-04	-9.67e-04	-4.08e-06
85	13	0.72	0.32	-0.46	4.00e-04	1.89e-04	2.25e-03
85	16	-0.73	-0.31	-0.25	-3.68e-05	-1.63e-03	-2.25e-03
85	21	0.31	0.87	-0.45	4.10e-04	-4.11e-04	2.07e-03
85	45	0.41	0.17	-0.41	3.06e-04	-1.99e-04	1.27e-03
85	48	-0.42	-0.17	-0.30	5.77e-05	-1.24e-03	-1.28e-03
85	53	0.17	0.48	-0.40	3.06e-04	-5.50e-04	1.11e-03
85	69	-5.60e-03	1.10e-03	-0.34	1.74e-04	-7.14e-04	-1.67e-06
85	70	-6.05e-03	1.09e-03	-0.38	1.99e-04	-7.40e-04	-2.94e-06
85	71	-5.60e-03	1.10e-03	-0.34	1.74e-04	-7.14e-04	-1.67e-06
85	72	-5.82e-03	1.09e-03	-0.36	1.86e-04	-7.27e-04	-2.30e-06
85	73	-5.60e-03	1.10e-03	-0.34	1.74e-04	-7.14e-04	-1.67e-06
85	74	-5.73e-03	1.10e-03	-0.35	1.82e-04	-7.22e-04	-2.05e-06

86	1	-7.10e-03	1.36e-03	-0.42	3.45e-04	-8.16e-04	0.0
86	2	-7.59e-03	1.34e-03	-0.46	3.99e-04	-8.79e-04	-2.47e-06
86	16	-0.57	-0.31	-0.23	2.60e-04	-1.47e-03	-1.81e-03
86	21	0.14	0.87	-0.42	-1.80e-05	-4.26e-04	1.40e-03
86	25	0.22	0.84	-0.43	-1.17e-05	-2.97e-04	1.57e-03
86	45	0.32	0.17	-0.38	2.89e-04	-1.62e-04	1.03e-03
86	48	-0.33	-0.17	-0.28	2.63e-04	-1.12e-03	-1.03e-03
86	53	0.08	0.48	-0.38	1.18e-04	-5.20e-04	7.59e-04
86	69	-5.46e-03	1.05e-03	-0.32	2.65e-04	-6.28e-04	0.0
86	70	-5.79e-03	1.04e-03	-0.35	3.01e-04	-6.70e-04	-1.74e-06
86	71	-5.46e-03	1.05e-03	-0.32	2.65e-04	-6.28e-04	0.0
86	72	-5.63e-03	1.04e-03	-0.34	2.83e-04	-6.49e-04	-1.20e-06
86	73	-5.46e-03	1.05e-03	-0.32	2.65e-04	-6.28e-04	0.0
86	74	-5.56e-03	1.04e-03	-0.33	2.76e-04	-6.40e-04	0.0
87	2	-7.01e-03	9.47e-04	-0.55	6.14e-05	-1.27e-03	4.78e-06
87	19	-0.50	0.28	-0.40	-2.92e-04	-1.09e-03	-9.74e-04
87	21	0.02	0.89	-0.53	-1.84e-03	-6.66e-04	-1.80e-03
87	23	-0.09	0.99	-0.52	-2.02e-03	-7.37e-04	-2.05e-03
87	51	-0.29	0.16	-0.39	-1.09e-04	-9.96e-04	-5.36e-04
87	53	0.01	0.48	-0.46	-9.33e-04	-7.56e-04	-9.48e-04
87	55	-0.05	0.54	-0.46	-1.03e-03	-7.97e-04	-1.08e-03
87	70	-5.36e-03	7.21e-04	-0.41	5.61e-05	-9.55e-04	3.76e-06
87	72	-5.27e-03	6.96e-04	-0.39	8.47e-05	-8.88e-04	4.05e-06
87	74	-5.23e-03	6.86e-04	-0.39	9.61e-05	-8.61e-04	4.16e-06
88	2	-6.49e-03	3.27e-04	-0.66	-9.88e-05	-8.67e-04	7.39e-06
88	19	-0.50	0.37	-0.48	-5.69e-04	-4.67e-04	-5.75e-04
88	21	0.02	1.11	-0.59	-2.74e-03	-3.43e-04	-2.87e-03
88	23	-0.09	1.22	-0.58	-2.97e-03	-3.21e-04	-3.08e-03
88	51	-0.29	0.20	-0.47	-2.93e-04	-5.21e-04	-2.95e-04
88	53	0.01	0.59	-0.53	-1.44e-03	-4.58e-04	-1.51e-03
88	55	-0.05	0.66	-0.52	-1.57e-03	-4.46e-04	-1.62e-03
88	70	-4.97e-03	2.36e-04	-0.50	-6.00e-05	-6.53e-04	5.76e-06
88	72	-4.90e-03	1.85e-04	-0.47	-8.12e-06	-6.07e-04	5.99e-06
88	74	-4.87e-03	1.64e-04	-0.46	1.26e-05	-5.88e-04	6.08e-06
89	1	-5.83e-03	-7.44e-04	-0.62	-1.01e-05	-8.13e-05	9.95e-06
89	2	-5.98e-03	-5.32e-04	-0.71	-2.07e-04	-8.85e-05	9.53e-06
89	19	-0.50	0.46	-0.50	-8.20e-04	1.75e-04	-7.31e-04
89	22	0.08	-1.53	-0.41	3.81e-03	-3.79e-04	3.51e-03
89	25	0.11	1.43	-0.60	-3.82e-03	1.84e-04	-3.67e-03
89	51	-0.29	0.25	-0.50	-4.54e-04	7.04e-05	-3.74e-04
89	54	0.04	-0.82	-0.45	1.99e-03	-2.33e-04	1.85e-03
89	57	0.06	0.76	-0.55	-2.04e-03	6.61e-05	-1.94e-03
89	69	-4.48e-03	-5.72e-04	-0.48	-7.75e-06	-6.25e-05	7.65e-06
89	70	-4.58e-03	-4.31e-04	-0.54	-1.39e-04	-6.73e-05	7.37e-06
89	71	-4.48e-03	-5.72e-04	-0.48	-7.75e-06	-6.25e-05	7.65e-06
89	72	-4.53e-03	-5.02e-04	-0.51	-7.33e-05	-6.49e-05	7.51e-06
89	73	-4.48e-03	-5.72e-04	-0.48	-7.75e-06	-6.25e-05	7.65e-06
89	74	-4.51e-03	-5.30e-04	-0.50	-4.71e-05	-6.40e-05	7.57e-06
90	1	-5.38e-03	-1.82e-03	-0.60	-5.36e-05	5.05e-04	1.12e-05
90	2	-5.47e-03	-1.58e-03	-0.68	-2.63e-04	6.19e-04	1.12e-05
90	19	-0.49	0.55	-0.46	-1.05e-03	5.76e-04	-7.06e-04
90	22	0.08	-1.88	-0.42	4.66e-03	1.21e-04	3.76e-03
90	25	0.11	1.77	-0.55	-4.73e-03	6.60e-04	-3.95e-03
90	51	-0.29	0.29	-0.46	-5.90e-04	5.03e-04	-3.54e-04
90	54	0.04	-1.00	-0.45	2.42e-03	2.56e-04	1.99e-03
90	57	0.06	0.94	-0.52	-2.54e-03	5.43e-04	-2.09e-03
90	69	-4.14e-03	-1.40e-03	-0.46	-4.13e-05	3.89e-04	8.63e-06
90	70	-4.20e-03	-1.24e-03	-0.52	-1.81e-04	4.64e-04	8.61e-06
90	71	-4.14e-03	-1.40e-03	-0.46	-4.13e-05	3.89e-04	8.63e-06
90	72	-4.17e-03	-1.32e-03	-0.49	-1.11e-04	4.27e-04	8.62e-06
90	73	-4.14e-03	-1.40e-03	-0.46	-4.13e-05	3.89e-04	8.63e-06
90	74	-4.16e-03	-1.35e-03	-0.48	-8.31e-05	4.12e-04	8.62e-06
91	1	-4.94e-03	-2.99e-03	-0.53	-7.38e-05	6.62e-04	1.19e-05
91	2	-4.95e-03	-2.78e-03	-0.60	-2.66e-04	8.06e-04	1.24e-05
91	19	-0.49	0.44	-0.40	-1.25e-03	4.20e-04	-6.89e-04
91	22	0.08	-2.23	-0.39	5.16e-03	3.68e-04	3.68e-03
91	25	0.11	2.18	-0.47	-5.61e-03	7.81e-04	-3.85e-03
91	45	0.27	0.39	-0.45	-1.09e-03	6.65e-04	-7.73e-04
91	51	-0.29	0.23	-0.41	-7.02e-04	4.68e-04	-3.44e-04
91	54	0.04	-1.18	-0.41	2.67e-03	4.48e-04	1.96e-03
91	69	-3.80e-03	-2.30e-03	-0.41	-5.67e-05	5.09e-04	9.16e-06
91	70	-3.81e-03	-2.16e-03	-0.45	-1.85e-04	6.05e-04	9.47e-06
91	71	-3.80e-03	-2.30e-03	-0.41	-5.67e-05	5.09e-04	9.16e-06
91	72	-3.80e-03	-2.23e-03	-0.43	-1.21e-04	5.57e-04	9.31e-06
91	73	-3.80e-03	-2.30e-03	-0.41	-5.67e-05	5.09e-04	9.16e-06
91	74	-3.80e-03	-2.26e-03	-0.42	-9.53e-05	5.38e-04	9.25e-06
92	1	-4.49e-03	-4.21e-03	-0.49	-7.52e-05	2.18e-05	1.21e-05

92	2	-4.43e-03	-4.07e-03	-0.54	-2.31e-04	2.68e-05	1.32e-05
92	19	-0.49	0.53	-0.39	-1.44e-03	-5.01e-04	-7.14e-04
92	22	0.08	-2.56	-0.36	5.99e-03	1.91e-05	3.34e-03
92	23	-0.09	2.56	-0.41	-6.16e-03	1.64e-05	-3.32e-03
92	51	-0.29	0.27	-0.39	-7.96e-04	-2.81e-04	-3.64e-04
92	54	0.05	-1.36	-0.37	3.11e-03	2.06e-05	1.78e-03
92	55	-0.05	1.35	-0.40	-3.29e-03	1.49e-05	-1.76e-03
92	69	-3.45e-03	-3.24e-03	-0.37	-5.79e-05	1.67e-05	9.32e-06
92	70	-3.42e-03	-3.14e-03	-0.41	-1.61e-04	2.01e-05	1.00e-05
92	71	-3.45e-03	-3.24e-03	-0.37	-5.79e-05	1.67e-05	9.32e-06
92	72	-3.43e-03	-3.19e-03	-0.39	-1.10e-04	1.84e-05	9.66e-06
92	73	-3.45e-03	-3.24e-03	-0.37	-5.79e-05	1.67e-05	9.32e-06
92	74	-3.44e-03	-3.21e-03	-0.39	-8.89e-05	1.77e-05	9.52e-06
93	1	-3.96e-03	-5.52e-03	-0.52	-1.36e-04	-5.65e-04	1.36e-05
93	2	-3.82e-03	-5.48e-03	-0.59	-3.62e-04	-6.84e-04	1.46e-05
93	15	-0.49	0.72	-0.45	-1.93e-03	-5.14e-04	-8.77e-04
93	19	-0.49	0.61	-0.45	-1.69e-03	-5.18e-04	-8.30e-04
93	24	-0.03	-2.89	-0.40	6.91e-03	-5.37e-04	3.46e-03
93	47	-0.28	0.37	-0.44	-1.09e-03	-4.92e-04	-4.59e-04
93	51	-0.29	0.32	-0.44	-9.58e-04	-4.94e-04	-4.30e-04
93	56	-0.02	-1.53	-0.41	3.58e-03	-5.01e-04	1.85e-03
93	69	-3.04e-03	-4.24e-03	-0.40	-1.04e-04	-4.35e-04	1.05e-05
93	70	-2.95e-03	-4.22e-03	-0.45	-2.55e-04	-5.14e-04	1.11e-05
93	71	-3.04e-03	-4.24e-03	-0.40	-1.04e-04	-4.35e-04	1.05e-05
93	72	-3.00e-03	-4.23e-03	-0.43	-1.80e-04	-4.74e-04	1.08e-05
93	73	-3.04e-03	-4.24e-03	-0.40	-1.04e-04	-4.35e-04	1.05e-05
93	74	-3.02e-03	-4.24e-03	-0.42	-1.50e-04	-4.58e-04	1.07e-05
94	1	-3.43e-03	-6.94e-03	-0.58	-1.73e-04	-4.55e-04	1.45e-05
94	2	-3.21e-03	-7.01e-03	-0.66	-4.41e-04	-5.48e-04	1.55e-05
94	15	-0.49	0.80	-0.49	-2.14e-03	-1.59e-04	-7.81e-04
94	19	-0.49	0.70	-0.49	-1.92e-03	-1.61e-04	-7.94e-04
94	24	-0.03	-3.20	-0.46	7.44e-03	-4.21e-04	3.15e-03
94	47	-0.28	0.42	-0.48	-1.22e-03	-2.49e-04	-4.08e-04
94	51	-0.29	0.36	-0.48	-1.10e-03	-2.50e-04	-4.11e-04
94	56	-0.02	-1.69	-0.46	3.84e-03	-3.96e-04	1.69e-03
94	69	-2.63e-03	-5.34e-03	-0.45	-1.33e-04	-3.50e-04	1.12e-05
94	70	-2.49e-03	-5.38e-03	-0.50	-3.12e-04	-4.12e-04	1.18e-05
94	71	-2.63e-03	-5.34e-03	-0.45	-1.33e-04	-3.50e-04	1.12e-05
94	72	-2.56e-03	-5.36e-03	-0.47	-2.22e-04	-3.81e-04	1.15e-05
94	73	-2.63e-03	-5.34e-03	-0.45	-1.33e-04	-3.50e-04	1.12e-05
94	74	-2.59e-03	-5.35e-03	-0.46	-1.87e-04	-3.69e-04	1.13e-05
95	1	-2.89e-03	-8.43e-03	-0.61	-1.86e-04	-1.73e-05	1.47e-05
95	2	-2.60e-03	-8.59e-03	-0.69	-4.69e-04	-1.55e-05	1.57e-05
95	13	0.46	1.13	-0.49	-2.88e-03	-2.44e-04	-9.21e-04
95	19	-0.49	0.78	-0.48	-2.12e-03	2.58e-04	-6.65e-04
95	24	-0.03	-3.46	-0.48	7.99e-03	-5.14e-05	2.63e-03
95	45	0.27	0.59	-0.49	-1.62e-03	-1.47e-04	-4.92e-04
95	51	-0.28	0.41	-0.48	-1.21e-03	1.43e-04	-3.43e-04
95	56	-0.02	-1.83	-0.48	4.12e-03	-3.23e-05	1.41e-03
95	69	-2.23e-03	-6.48e-03	-0.47	-1.43e-04	-1.33e-05	1.13e-05
95	70	-2.03e-03	-6.59e-03	-0.52	-3.31e-04	-1.21e-05	1.20e-05
95	71	-2.23e-03	-6.48e-03	-0.47	-1.43e-04	-1.33e-05	1.13e-05
95	72	-2.13e-03	-6.54e-03	-0.50	-2.37e-04	-1.17e-05	1.17e-05
95	73	-2.23e-03	-6.48e-03	-0.47	-1.43e-04	-1.33e-05	1.13e-05
95	74	-2.17e-03	-6.51e-03	-0.48	-2.00e-04	-1.30e-05	1.15e-05
96	1	-2.36e-03	-9.90e-03	-0.59	-1.77e-04	3.79e-04	1.43e-05
96	2	-1.99e-03	-0.01	-0.67	-4.44e-04	4.65e-04	1.54e-05
96	18	0.49	-0.87	-0.49	1.92e-03	1.81e-04	5.39e-04
96	19	-0.49	0.85	-0.44	-2.30e-03	4.36e-04	-5.17e-04
96	24	-0.03	-3.67	-0.47	8.58e-03	2.74e-04	2.00e-03
96	50	0.28	-0.46	-0.48	9.19e-04	2.36e-04	2.88e-04
96	51	-0.28	0.45	-0.45	-1.30e-03	3.81e-04	-2.65e-04
96	56	-0.02	-1.94	-0.47	4.44e-03	2.91e-04	1.08e-03
96	69	-1.82e-03	-7.61e-03	-0.45	-1.36e-04	2.91e-04	1.10e-05
96	70	-1.57e-03	-7.79e-03	-0.50	-3.14e-04	3.49e-04	1.17e-05
96	71	-1.82e-03	-7.61e-03	-0.45	-1.36e-04	2.91e-04	1.10e-05
96	72	-1.69e-03	-7.70e-03	-0.48	-2.25e-04	3.20e-04	1.14e-05
96	73	-1.82e-03	-7.61e-03	-0.45	-1.36e-04	2.91e-04	1.10e-05
96	74	-1.74e-03	-7.67e-03	-0.47	-1.89e-04	3.09e-04	1.12e-05
97	1	-1.83e-03	-0.01	-0.54	-1.44e-04	3.63e-04	1.32e-05
97	2	-1.38e-03	-0.01	-0.61	-3.66e-04	4.45e-04	1.44e-05
97	18	0.49	-0.93	-0.45	2.14e-03	5.11e-04	4.10e-04
97	19	-0.49	0.91	-0.41	-2.45e-03	8.05e-05	-3.89e-04
97	24	-0.02	-3.80	-0.43	9.19e-03	2.51e-04	1.39e-03
97	50	0.28	-0.49	-0.44	1.05e-03	4.20e-04	2.21e-04
97	51	-0.28	0.48	-0.42	-1.36e-03	1.72e-04	-2.00e-04
97	56	-0.02	-2.01	-0.43	4.77e-03	2.70e-04	7.52e-04

97	69	-1.41e-03	-8.69e-03	-0.42	-1.10e-04	2.79e-04	1.02e-05
97	70	-1.11e-03	-8.94e-03	-0.46	-2.59e-04	3.34e-04	1.10e-05
97	71	-1.41e-03	-8.69e-03	-0.42	-1.10e-04	2.79e-04	1.02e-05
97	72	-1.26e-03	-8.82e-03	-0.44	-1.85e-04	3.07e-04	1.06e-05
97	73	-1.41e-03	-8.69e-03	-0.42	-1.10e-04	2.79e-04	1.02e-05
97	74	-1.32e-03	-8.77e-03	-0.43	-1.55e-04	2.96e-04	1.04e-05
98	1	-1.30e-03	-0.01	-0.54	-1.32e-04	-3.18e-04	1.23e-05
98	2	-7.63e-04	-0.01	-0.60	-3.38e-04	-3.85e-04	1.38e-05
98	16	-0.46	-1.28	-0.44	3.01e-03	-6.10e-04	4.41e-04
98	19	-0.49	0.96	-0.44	-2.57e-03	-6.28e-04	-3.18e-04
98	24	-0.02	-3.89	-0.43	9.52e-03	-2.79e-04	1.00e-03
98	48	-0.27	-0.68	-0.44	1.52e-03	-4.61e-04	2.44e-04
98	51	-0.28	0.50	-0.43	-1.42e-03	-4.71e-04	-1.65e-04
98	56	-0.01	-2.06	-0.43	4.96e-03	-2.70e-04	5.43e-04
98	69	-9.98e-04	-9.67e-03	-0.41	-1.02e-04	-2.45e-04	9.49e-06
98	70	-6.42e-04	-0.01	-0.46	-2.39e-04	-2.89e-04	1.04e-05
98	71	-9.98e-04	-9.67e-03	-0.41	-1.02e-04	-2.45e-04	9.49e-06
98	72	-8.20e-04	-9.84e-03	-0.43	-1.70e-04	-2.67e-04	9.97e-06
98	73	-9.98e-04	-9.67e-03	-0.41	-1.02e-04	-2.45e-04	9.49e-06
98	74	-8.91e-04	-9.77e-03	-0.42	-1.43e-04	-2.58e-04	9.78e-06
99	1	-7.52e-04	-0.01	-0.59	-1.80e-04	-5.39e-04	1.16e-05
99	2	-1.32e-04	-0.01	-0.67	-4.44e-04	-6.55e-04	1.32e-05
99	16	-0.46	-1.29	-0.50	2.92e-03	-3.96e-04	3.36e-04
99	19	-0.49	1.00	-0.50	-2.66e-03	-3.90e-04	-2.21e-04
99	24	-0.02	-3.94	-0.48	9.33e-03	-4.41e-04	6.31e-04
99	48	-0.27	-0.69	-0.49	1.45e-03	-4.13e-04	1.87e-04
99	51	-0.28	0.52	-0.48	-1.49e-03	-4.10e-04	-1.15e-04
99	56	-0.01	-2.08	-0.47	4.83e-03	-4.39e-04	3.44e-04
99	69	-5.79e-04	-0.01	-0.45	-1.39e-04	-4.15e-04	8.94e-06
99	70	-1.65e-04	-0.01	-0.50	-3.15e-04	-4.92e-04	9.96e-06
99	71	-5.79e-04	-0.01	-0.45	-1.39e-04	-4.15e-04	8.94e-06
99	72	-3.72e-04	-0.01	-0.48	-2.27e-04	-4.53e-04	9.45e-06
99	73	-5.79e-04	-0.01	-0.45	-1.39e-04	-4.15e-04	8.94e-06
99	74	-4.55e-04	-0.01	-0.47	-1.92e-04	-4.38e-04	9.25e-06
100	2	4.99e-04	-0.02	-0.72	-4.98e-04	-2.55e-04	1.05e-05
100	4	5.46e-04	-0.01	-0.57	-4.51e-04	-2.07e-04	8.37e-06
100	16	-0.46	-1.30	-0.52	2.85e-03	7.12e-05	8.29e-05
100	19	-0.49	1.03	-0.51	-2.71e-03	8.65e-05	-5.93e-05
100	28	-0.11	-3.94	-0.51	9.19e-03	-1.15e-04	-3.58e-04
100	48	-0.27	-0.69	-0.51	1.40e-03	-4.83e-05	4.83e-05
100	51	-0.28	0.54	-0.51	-1.53e-03	-2.22e-05	-2.93e-05
100	60	-0.06	-2.09	-0.51	4.74e-03	-1.38e-04	-1.97e-04
100	70	3.11e-04	-0.01	-0.54	-3.53e-04	-1.92e-04	7.91e-06
100	71	-1.59e-04	-0.01	-0.49	-1.58e-04	-1.60e-04	6.98e-06
100	72	7.64e-05	-0.01	-0.51	-2.56e-04	-1.76e-04	7.44e-06
100	73	-1.59e-04	-0.01	-0.49	-1.58e-04	-1.60e-04	6.98e-06
100	74	-1.76e-05	-0.01	-0.50	-2.17e-04	-1.70e-04	7.26e-06
101	2	1.13e-03	-0.02	-0.71	-5.00e-04	5.70e-04	5.70e-06
101	18	0.49	-1.07	-0.52	2.30e-03	-9.64e-06	-8.17e-05
101	36	-0.08	-3.94	-0.50	9.18e-03	2.90e-04	4.81e-04
101	50	0.28	-0.57	-0.51	1.11e-03	9.87e-05	-4.24e-05
101	68	-0.05	-2.08	-0.50	4.74e-03	2.72e-04	2.74e-04
101	70	7.88e-04	-0.01	-0.54	-3.55e-04	2.75e-04	4.28e-06
101	72	5.25e-04	-0.01	-0.51	-2.57e-04	2.54e-04	3.94e-06
101	74	4.19e-04	-0.01	-0.50	-2.18e-04	2.46e-04	3.81e-06
102	2	1.76e-03	-0.02	-0.65	-4.50e-04	7.59e-04	-1.12e-06
102	18	0.49	-1.06	-0.49	2.33e-03	4.67e-04	-3.88e-04
102	32	4.94e-03	-3.92	-0.46	9.29e-03	5.21e-04	-3.91e-04
102	50	0.28	-0.56	-0.48	1.13e-03	4.84e-04	-2.14e-04
102	64	1.35e-03	-2.07	-0.46	4.81e-03	5.16e-04	-2.04e-04
102	70	1.26e-03	-0.01	-0.49	-3.19e-04	5.70e-04	0.0
102	72	9.73e-04	-0.01	-0.47	-2.31e-04	5.26e-04	-1.05e-06
102	74	8.56e-04	-0.01	-0.46	-1.95e-04	5.09e-04	-1.10e-06
103	2	2.39e-03	-0.02	-0.57	-3.47e-04	4.75e-04	-1.00e-05
103	18	0.49	-1.03	-0.43	2.38e-03	6.94e-04	-1.41e-05
103	32	6.24e-03	-3.86	-0.41	9.45e-03	3.35e-04	-1.03e-03
103	50	0.28	-0.55	-0.42	1.18e-03	5.35e-04	0.0
103	64	2.23e-03	-2.04	-0.41	4.92e-03	3.26e-04	-5.56e-04
103	70	1.74e-03	-0.01	-0.44	-2.46e-04	3.57e-04	-7.66e-06
103	72	1.42e-03	-0.01	-0.41	-1.77e-04	3.30e-04	-7.53e-06
103	74	1.29e-03	-0.01	-0.41	-1.49e-04	3.19e-04	-7.47e-06
104	2	2.92e-03	-0.01	-0.57	-3.84e-04	-2.88e-04	-2.14e-05
104	16	-0.46	-1.18	-0.43	2.73e-03	-4.00e-04	-9.40e-04
104	18	0.49	-0.99	-0.38	2.25e-03	5.32e-05	-4.61e-06
104	32	7.50e-03	-3.78	-0.41	9.12e-03	-1.56e-04	-1.33e-03
104	50	0.29	-0.52	-0.39	1.10e-03	-5.01e-05	5.88e-06
104	52	-0.26	-0.67	-0.42	1.46e-03	-3.09e-04	-4.12e-04

104	64	3.04e-03	-2.00	-0.41	4.74e-03	-1.73e-04	-7.19e-04
104	70	2.14e-03	-0.01	-0.43	-2.72e-04	-2.15e-04	-1.63e-05
104	72	1.79e-03	-0.01	-0.41	-1.97e-04	-1.96e-04	-1.59e-05
104	74	1.66e-03	-0.01	-0.40	-1.67e-04	-1.89e-04	-1.57e-05
105	2	3.38e-03	-0.01	-0.61	-4.73e-04	-2.90e-04	-2.94e-05
105	18	0.49	-0.92	-0.40	2.02e-03	-2.83e-04	-1.35e-04
105	19	-0.49	0.90	-0.46	-2.44e-03	-9.44e-05	9.18e-05
105	32	8.72e-03	-3.65	-0.43	8.55e-03	-1.25e-04	-1.84e-03
105	50	0.29	-0.49	-0.41	9.57e-04	-2.44e-04	-6.53e-05
105	51	-0.28	0.47	-0.44	-1.38e-03	-1.34e-04	2.21e-05
105	64	3.81e-03	-1.93	-0.43	4.41e-03	-1.54e-04	-9.98e-04
105	70	2.49e-03	-9.18e-03	-0.46	-3.36e-04	-2.17e-04	-2.24e-05
105	72	2.13e-03	-8.92e-03	-0.44	-2.46e-04	-1.97e-04	-2.18e-05
105	74	1.98e-03	-8.82e-03	-0.43	-2.09e-04	-1.89e-04	-2.16e-05
106	2	3.85e-03	-8.85e-03	-0.62	-5.09e-04	1.21e-04	-3.26e-05
106	18	0.50	-0.84	-0.43	1.81e-03	-1.42e-04	-3.85e-04
106	32	9.96e-03	-3.47	-0.43	7.99e-03	1.75e-04	-2.39e-03
106	35	-0.20	3.32	-0.45	-8.17e-03	9.83e-05	2.16e-03
106	50	0.29	-0.44	-0.43	8.37e-04	-4.64e-05	-2.03e-04
106	64	4.60e-03	-1.84	-0.43	4.11e-03	1.35e-04	-1.29e-03
106	67	-0.11	1.75	-0.44	-4.41e-03	9.43e-05	1.14e-03
106	70	2.84e-03	-6.75e-03	-0.47	-3.62e-04	9.19e-05	-2.49e-05
106	72	2.46e-03	-6.55e-03	-0.45	-2.66e-04	8.73e-05	-2.42e-05
106	74	2.30e-03	-6.48e-03	-0.44	-2.28e-04	8.55e-05	-2.40e-05
107	2	4.32e-03	-5.58e-03	-0.58	-4.93e-04	5.52e-04	-3.10e-05
107	17	0.46	1.14	-0.44	-2.87e-03	1.67e-04	9.89e-04
107	18	0.50	-0.75	-0.43	1.63e-03	2.11e-04	-6.83e-04
107	32	0.01	-3.23	-0.39	7.46e-03	4.65e-04	-2.86e-03
107	49	0.27	0.61	-0.43	-1.63e-03	2.54e-04	5.23e-04
107	50	0.29	-0.39	-0.42	7.38e-04	2.78e-04	-3.69e-04
107	64	5.39e-03	-1.71	-0.40	3.84e-03	4.23e-04	-1.54e-03
107	70	3.20e-03	-4.25e-03	-0.44	-3.51e-04	4.15e-04	-2.37e-05
107	72	2.79e-03	-4.12e-03	-0.42	-2.59e-04	3.84e-04	-2.31e-05
107	74	2.63e-03	-4.07e-03	-0.41	-2.23e-04	3.72e-04	-2.29e-05
108	2	4.78e-03	-2.72e-03	-0.52	-4.26e-04	6.34e-04	-2.46e-05
108	17	0.46	1.06	-0.40	-2.71e-03	4.76e-04	1.08e-03
108	18	0.50	-0.66	-0.39	1.46e-03	5.34e-04	-7.91e-04
108	32	0.01	-2.95	-0.34	6.96e-03	5.09e-04	-3.17e-03
108	49	0.27	0.56	-0.39	-1.54e-03	4.56e-04	5.70e-04
108	50	0.29	-0.34	-0.38	6.62e-04	4.86e-04	-4.25e-04
108	64	6.18e-03	-1.56	-0.35	3.59e-03	4.69e-04	-1.70e-03
108	70	3.55e-03	-2.07e-03	-0.39	-3.03e-04	4.77e-04	-1.88e-05
108	72	3.12e-03	-1.98e-03	-0.37	-2.25e-04	4.40e-04	-1.85e-05
108	74	2.95e-03	-1.95e-03	-0.37	-1.93e-04	4.25e-04	-1.84e-05
109	2	5.25e-03	-7.48e-04	-0.47	-3.06e-04	2.65e-05	-1.34e-05
109	18	0.50	-0.59	-0.33	1.32e-03	5.99e-04	-1.38e-03
109	29	-7.18e-03	2.65	-0.37	-6.77e-03	-6.19e-05	3.08e-03
109	32	0.01	-2.65	-0.30	6.49e-03	3.10e-05	-3.10e-03
109	50	0.29	-0.30	-0.33	6.09e-04	3.51e-04	-7.58e-04
109	61	-4.26e-04	1.40	-0.36	-3.65e-03	-2.14e-05	1.63e-03
109	64	6.98e-03	-1.40	-0.32	3.36e-03	5.62e-05	-1.65e-03
109	70	3.90e-03	-5.54e-04	-0.36	-2.18e-04	1.98e-05	-1.03e-05
109	72	3.46e-03	-4.83e-04	-0.34	-1.63e-04	1.81e-05	-1.04e-05
109	74	3.28e-03	-4.55e-04	-0.34	-1.41e-04	1.74e-05	-1.04e-05
110	1	4.21e-03	3.38e-04	-0.46	-1.59e-04	-4.90e-04	-4.35e-06
110	2	5.59e-03	9.23e-06	-0.51	-3.68e-04	-5.98e-04	-2.35e-06
110	18	0.50	-0.54	-0.31	1.10e-03	-1.43e-04	-1.80e-03
110	29	-7.79e-03	2.32	-0.41	-5.91e-03	-6.19e-04	3.50e-03
110	35	-0.21	2.20	-0.43	-5.60e-03	-7.01e-04	3.84e-03
110	50	0.29	-0.28	-0.33	4.84e-04	-2.54e-04	-9.92e-04
110	61	-6.17e-04	1.23	-0.39	-3.20e-03	-5.14e-04	1.85e-03
110	67	-0.12	1.16	-0.40	-3.03e-03	-5.62e-04	2.05e-03
110	69	3.24e-03	2.60e-04	-0.35	-1.23e-04	-3.77e-04	-3.34e-06
110	70	4.16e-03	4.08e-05	-0.39	-2.62e-04	-4.49e-04	-2.01e-06
110	71	3.24e-03	2.60e-04	-0.35	-1.23e-04	-3.77e-04	-3.34e-06
110	72	3.70e-03	1.50e-04	-0.37	-1.92e-04	-4.13e-04	-2.68e-06
110	73	3.24e-03	2.60e-04	-0.35	-1.23e-04	-3.77e-04	-3.34e-06
110	74	3.51e-03	1.94e-04	-0.36	-1.64e-04	-3.98e-04	-2.94e-06
111	1	4.50e-03	4.03e-04	-0.51	-1.61e-04	-4.15e-04	2.57e-06
111	2	5.92e-03	-1.86e-04	-0.58	-3.91e-04	-5.09e-04	5.52e-06
111	18	0.50	-0.47	-0.34	8.94e-04	-3.32e-04	-1.89e-03
111	29	-8.41e-03	1.97	-0.48	-5.02e-03	-6.70e-04	3.67e-03
111	35	-0.21	1.87	-0.50	-4.75e-03	-6.28e-04	4.04e-03
111	50	0.29	-0.24	-0.37	3.77e-04	-3.38e-04	-1.04e-03
111	61	-8.13e-04	1.04	-0.45	-2.73e-03	-5.16e-04	1.94e-03
111	67	-0.12	0.99	-0.46	-2.58e-03	-4.92e-04	2.16e-03
111	69	3.46e-03	3.10e-04	-0.39	-1.24e-04	-3.19e-04	1.98e-06

111	70	4.41e-03	-8.24e-05	-0.44	-2.77e-04	-3.82e-04	3.94e-06
111	71	3.46e-03	3.10e-04	-0.39	-1.24e-04	-3.19e-04	1.98e-06
111	72	3.94e-03	1.14e-04	-0.41	-2.01e-04	-3.51e-04	2.96e-06
111	73	3.46e-03	3.10e-04	-0.39	-1.24e-04	-3.19e-04	1.98e-06
111	74	3.75e-03	1.92e-04	-0.41	-1.70e-04	-3.38e-04	2.57e-06
112	2	6.25e-03	-1.02e-03	-0.61	-3.62e-04	-2.04e-05	1.03e-05
112	18	0.50	-0.35	-0.36	7.15e-04	-6.26e-05	-1.61e-03
112	32	0.02	-1.62	-0.32	3.79e-03	3.37e-04	-3.51e-03
112	35	-0.21	1.52	-0.55	-3.88e-03	-2.98e-04	3.80e-03
112	50	0.29	-0.18	-0.39	2.94e-04	-4.52e-05	-8.76e-04
112	64	8.97e-03	-0.86	-0.37	1.93e-03	1.75e-04	-1.85e-03
112	67	-0.12	0.81	-0.49	-2.11e-03	-1.63e-04	2.02e-03
112	70	4.66e-03	-6.92e-04	-0.46	-2.56e-04	-1.50e-05	7.61e-06
112	72	4.17e-03	-3.93e-04	-0.43	-1.82e-04	-1.28e-05	6.63e-06
112	74	3.98e-03	-2.73e-04	-0.43	-1.52e-04	-1.20e-05	6.24e-06
113	2	6.58e-03	-2.18e-03	-0.58	-2.82e-04	5.52e-04	1.20e-05
113	18	0.50	-0.25	-0.34	5.60e-04	3.89e-04	-7.73e-04
113	31	-0.12	1.19	-0.56	-2.93e-03	9.11e-05	2.99e-03
113	32	0.02	-1.31	-0.27	2.94e-03	6.84e-04	-3.16e-03
113	50	0.29	-0.13	-0.37	2.35e-04	3.78e-04	-4.01e-04
113	63	-0.07	0.63	-0.49	-1.60e-03	2.23e-04	1.58e-03
113	64	9.64e-03	-0.70	-0.33	1.50e-03	5.39e-04	-1.67e-03
113	70	4.91e-03	-1.56e-03	-0.44	-1.97e-04	4.15e-04	9.00e-06
113	72	4.41e-03	-1.17e-03	-0.42	-1.35e-04	3.84e-04	8.34e-06
113	74	4.21e-03	-1.02e-03	-0.41	-1.10e-04	3.71e-04	8.07e-06
114	2	6.92e-03	-3.35e-03	-0.50	-1.49e-04	8.93e-04	1.06e-05
114	18	0.50	-0.21	-0.26	4.29e-04	9.59e-04	1.13e-04
114	32	0.02	-1.07	-0.19	2.11e-03	7.82e-04	-2.25e-03
114	35	-0.21	0.99	-0.54	-2.07e-03	2.96e-04	1.88e-03
114	50	0.29	-0.11	-0.30	2.01e-04	8.05e-04	9.78e-05
114	64	0.01	-0.58	-0.27	1.10e-03	6.96e-04	-1.19e-03
114	67	-0.12	0.53	-0.45	-1.12e-03	4.36e-04	9.84e-04
114	70	5.16e-03	-2.45e-03	-0.38	-1.02e-04	6.72e-04	8.11e-06
114	72	4.65e-03	-2.02e-03	-0.36	-6.08e-05	6.23e-04	8.08e-06
114	74	4.44e-03	-1.85e-03	-0.35	-4.44e-05	6.03e-04	8.06e-06
115	1	-3.98e-03	3.22e-03	-0.29	-1.53e-04	-6.23e-04	2.08e-06
115	2	-4.72e-03	3.08e-03	-0.35	-1.53e-04	-3.44e-04	1.92e-06
115	7	-0.68	0.56	-3.29e-04	-2.79e-04	-1.30e-03	3.46e-03
115	22	0.23	-0.97	-0.48	1.27e-03	-5.53e-05	-3.19e-03
115	23	-0.24	0.97	3.12e-03	-1.51e-03	-7.91e-04	3.19e-03
115	38	0.39	-0.31	-0.37	-3.84e-05	8.12e-05	-1.99e-03
115	39	-0.39	0.31	-0.10	-1.97e-04	-9.28e-04	1.99e-03
115	55	-0.14	0.54	-0.11	-8.70e-04	-6.30e-04	1.84e-03
115	69	-3.06e-03	2.48e-03	-0.22	-1.18e-04	-4.79e-04	1.60e-06
115	70	-3.55e-03	2.39e-03	-0.27	-1.18e-04	-2.93e-04	1.49e-06
115	71	-3.06e-03	2.48e-03	-0.22	-1.18e-04	-4.79e-04	1.60e-06
115	72	-3.31e-03	2.43e-03	-0.25	-1.18e-04	-3.86e-04	1.55e-06
115	73	-3.06e-03	2.48e-03	-0.22	-1.18e-04	-7.91e-04	1.60e-06
115	74	-3.21e-03	2.45e-03	-0.24	-1.18e-04	-4.23e-04	1.57e-06
116	1	-1.61e-04	1.81e-03	-0.31	9.15e-05	-1.06e-03	-2.70e-06
116	2	-3.03e-04	1.71e-03	-0.38	1.21e-04	-7.29e-04	-3.05e-06
116	14	1.75	-0.16	-0.62	9.10e-05	1.17e-03	-2.05e-03
116	15	-1.75	0.16	0.12	6.16e-05	-2.67e-03	2.05e-03
116	21	0.34	1.08	-0.30	-1.15e-04	-1.89e-04	3.67e-03
116	46	1.01	-0.08	-0.46	8.23e-05	3.57e-04	-1.18e-03
116	47	-1.01	0.09	-0.04	7.03e-05	-1.85e-03	1.18e-03
116	53	0.20	0.60	-0.28	-2.61e-05	-4.27e-04	2.12e-03
116	69	-1.24e-04	1.40e-03	-0.23	7.04e-05	-8.15e-04	-2.08e-06
116	70	-2.19e-04	1.32e-03	-0.28	9.02e-05	-5.94e-04	-2.31e-06
116	71	-1.24e-04	1.40e-03	-0.23	7.04e-05	-8.15e-04	-2.08e-06
116	72	-1.71e-04	1.36e-03	-0.26	8.03e-05	-7.05e-04	-2.19e-06
116	73	-1.24e-04	1.40e-03	-0.23	7.04e-05	-8.15e-04	-2.08e-06
116	74	-1.52e-04	1.37e-03	-0.25	7.63e-05	-7.49e-04	-2.15e-06
117	1	-9.36e-04	9.31e-04	-0.31	2.30e-05	-1.06e-03	-1.10e-05
117	2	-1.17e-03	7.18e-04	-0.39	3.76e-05	-7.07e-04	-1.22e-05
117	14	1.67	-0.54	-0.61	-1.62e-04	1.10e-03	-3.16e-03
117	19	-1.67	0.44	0.09	1.79e-04	-2.57e-03	2.66e-03
117	21	0.42	1.17	-0.33	4.24e-04	-2.27e-04	3.83e-03
117	46	0.96	-0.30	-0.46	-8.03e-05	3.20e-04	-1.82e-03
117	51	-0.96	0.25	-0.05	1.08e-04	-1.80e-03	1.52e-03
117	53	0.24	0.65	-0.30	2.39e-04	-4.48e-04	2.18e-03
117	69	-7.20e-04	7.16e-04	-0.24	1.77e-05	-8.19e-04	-8.48e-06
117	70	-8.73e-04	5.74e-04	-0.29	2.74e-05	-5.81e-04	-9.28e-06
117	71	-7.20e-04	7.16e-04	-0.24	1.77e-05	-8.19e-04	-8.48e-06
117	72	-7.96e-04	6.45e-04	-0.27	2.25e-05	-7.00e-04	-8.88e-06
117	73	-7.20e-04	7.16e-04	-0.24	1.77e-05	-8.19e-04	-8.48e-06
117	74	-7.66e-04	6.74e-04	-0.26	2.06e-05	-7.48e-04	-8.72e-06

118	1	-7.17e-03	1.60e-03	-0.33	2.61e-04	-3.70e-04	2.58e-06
118	2	-7.52e-03	1.48e-03	-0.40	2.74e-04	-4.88e-05	1.70e-06
118	13	0.46	0.46	-0.47	-2.45e-04	5.96e-04	1.90e-03
118	19	-0.50	-8.69e-03	-0.14	7.32e-06	-1.04e-03	-1.22e-03
118	21	0.02	0.97	-0.44	-9.61e-04	-7.72e-05	2.27e-03
118	45	0.26	0.26	-0.38	-3.98e-05	2.51e-04	1.10e-03
118	51	-0.29	-0.01	-0.19	9.90e-05	-6.95e-04	-7.02e-04
118	53	0.01	0.54	-0.36	-4.23e-04	-1.38e-04	1.31e-03
118	69	-5.51e-03	1.23e-03	-0.25	2.01e-04	-2.84e-04	1.98e-06
118	70	-5.75e-03	1.15e-03	-0.30	2.09e-04	-7.04e-05	1.40e-06
118	71	-5.51e-03	1.23e-03	-0.25	2.01e-04	-2.84e-04	1.98e-06
118	72	-5.63e-03	1.19e-03	-0.27	2.05e-04	-1.77e-04	1.69e-06
118	73	-5.51e-03	1.23e-03	-0.25	2.01e-04	-2.84e-04	1.98e-06
118	74	-5.58e-03	1.21e-03	-0.27	2.03e-04	-2.20e-04	1.81e-06
119	1	-3.27e-03	1.66e-03	-0.28	-1.35e-04	-1.15e-03	-6.92e-06
119	2	-3.75e-03	1.48e-03	-0.36	-1.66e-04	-8.24e-04	-7.77e-06
119	5	1.88	0.59	-0.61	-2.02e-04	1.22e-03	2.68e-03
119	12	-1.89	-0.48	0.14	-2.78e-05	-2.85e-03	-2.10e-03
119	21	0.64	1.08	-0.38	-2.75e-04	-2.54e-04	3.43e-03
119	37	1.08	0.34	-0.45	-1.61e-04	3.55e-04	1.55e-03
119	44	-1.09	-0.27	-0.02	-6.46e-05	-1.99e-03	-1.22e-03
119	53	0.37	0.60	-0.32	-1.99e-04	-4.93e-04	1.97e-03
119	69	-2.51e-03	1.27e-03	-0.22	-1.04e-04	-8.82e-04	-5.32e-06
119	70	-2.84e-03	1.16e-03	-0.27	-1.24e-04	-6.67e-04	-5.89e-06
119	71	-2.51e-03	1.27e-03	-0.22	-1.04e-04	-8.82e-04	-5.32e-06
119	72	-2.68e-03	1.22e-03	-0.24	-1.14e-04	-7.74e-04	-5.61e-06
119	73	-2.51e-03	1.27e-03	-0.22	-1.04e-04	-8.82e-04	-5.32e-06
119	74	-2.61e-03	1.24e-03	-0.23	-1.10e-04	-8.17e-04	-5.49e-06
120	1	-7.28e-03	1.17e-03	-0.37	2.27e-04	-5.51e-04	-2.16e-06
120	2	-7.95e-03	9.20e-04	-0.46	2.63e-04	-1.26e-04	-4.08e-06
120	13	0.72	0.65	-0.52	4.00e-04	6.10e-04	3.50e-03
120	16	-0.74	-0.65	-0.09	-3.68e-05	-1.29e-03	-3.50e-03
120	25	0.40	1.23	-0.46	4.18e-04	1.11e-04	4.16e-03
120	45	0.41	0.36	-0.43	3.06e-04	2.06e-04	1.99e-03
120	48	-0.42	-0.36	-0.18	5.76e-05	-8.84e-04	-2.00e-03
120	57	0.22	0.67	-0.39	3.11e-04	-8.77e-05	2.32e-03
120	69	-5.60e-03	9.00e-04	-0.28	1.74e-04	-4.24e-04	-1.67e-06
120	70	-6.05e-03	7.33e-04	-0.34	1.99e-04	-1.41e-04	-2.94e-06
120	71	-5.60e-03	9.00e-04	-0.28	1.74e-04	-4.24e-04	-1.67e-06
120	72	-5.82e-03	8.16e-04	-0.31	1.86e-04	-2.83e-04	-2.30e-06
120	73	-5.60e-03	9.00e-04	-0.28	1.74e-04	-4.24e-04	-1.67e-06
120	74	-5.73e-03	8.50e-04	-0.30	1.82e-04	-3.39e-04	-2.05e-06
121	2	-7.06e-03	3.69e-03	-0.35	1.15e-05	-7.97e-04	1.67e-05
121	13	1.25	0.61	-0.52	-1.98e-04	6.29e-04	3.71e-03
121	16	-1.26	-0.60	0.06	2.15e-04	-2.20e-03	-3.68e-03
121	21	0.58	1.06	-0.35	-4.62e-04	-1.43e-04	4.47e-03
121	45	0.71	0.35	-0.40	-1.04e-04	2.38e-05	2.14e-03
121	48	-0.72	-0.34	-0.07	1.21e-04	-1.60e-03	-2.12e-03
121	53	0.32	0.60	-0.30	-2.43e-04	-4.34e-04	2.57e-03
121	70	-5.32e-03	2.82e-03	-0.26	8.81e-06	-6.45e-04	1.27e-05
121	72	-4.98e-03	2.76e-03	-0.24	8.60e-06	-7.47e-04	1.21e-05
121	74	-4.84e-03	2.73e-03	-0.23	8.52e-06	-7.88e-04	1.18e-05
122	2	-7.55e-04	3.45e-03	-0.36	2.32e-05	-7.61e-04	1.24e-05
122	13	1.72	0.48	-0.61	-2.36e-04	1.21e-03	2.56e-03
122	16	-1.73	-0.47	0.13	2.68e-04	-2.73e-03	-2.55e-03
122	21	0.48	1.02	-0.36	-6.45e-04	-2.04e-04	4.32e-03
122	45	0.99	0.27	-0.46	-1.20e-04	3.76e-04	1.48e-03
122	48	-0.99	-0.27	-0.03	1.52e-04	-1.89e-03	-1.46e-03
122	53	0.28	0.57	-0.31	-3.39e-04	-4.41e-04	2.47e-03
122	70	-5.62e-04	2.64e-03	-0.27	1.75e-05	-6.16e-04	9.39e-06
122	72	-5.02e-04	2.61e-03	-0.25	1.65e-05	-7.18e-04	8.93e-06
122	74	-4.78e-04	2.59e-03	-0.24	1.60e-05	-7.59e-04	8.75e-06
123	1	-7.10e-03	1.26e-03	-0.35	3.45e-04	-4.39e-04	0.0
123	2	-7.59e-03	1.05e-03	-0.43	4.00e-04	-3.86e-05	-2.47e-06
123	13	0.56	0.59	-0.49	2.93e-04	6.14e-04	2.98e-03
123	16	-0.57	-0.59	-0.09	2.60e-04	-1.13e-03	-2.98e-03
123	25	0.22	1.15	-0.43	-1.12e-05	1.01e-04	3.53e-03
123	45	0.32	0.33	-0.40	2.89e-04	2.44e-04	1.71e-03
123	48	-0.33	-0.33	-0.17	2.64e-04	-7.60e-04	-1.71e-03
123	57	0.13	0.63	-0.37	1.23e-04	-5.47e-05	1.99e-03
123	69	-5.46e-03	9.68e-04	-0.27	2.66e-04	-3.38e-04	0.0
123	70	-5.79e-03	8.28e-04	-0.33	3.02e-04	-7.08e-05	-1.74e-06
123	71	-5.46e-03	9.68e-04	-0.27	2.66e-04	-3.38e-04	0.0
123	72	-5.63e-03	8.98e-04	-0.30	2.84e-04	-2.04e-04	-1.20e-06
123	73	-5.46e-03	9.68e-04	-0.27	2.66e-04	-3.38e-04	0.0
123	74	-5.56e-03	9.26e-04	-0.29	2.77e-04	-2.58e-04	0.0
124	1	-3.98e-03	2.72e-03	-0.31	-2.56e-04	-6.77e-04	-1.49e-06

124	2	-4.69e-03	2.54e-03	-0.38	-2.94e-04	-3.20e-04	-2.02e-06
124	6	0.79	-0.78	-0.49	-2.32e-04	6.06e-04	-5.50e-03
124	8	-0.82	0.18	-0.07	1.03e-04	-1.44e-03	3.74e-03
124	23	-0.21	1.16	-0.10	-6.22e-04	-8.56e-04	4.32e-03
124	38	0.46	-0.44	-0.39	-2.26e-04	1.56e-04	-3.16e-03
124	40	-0.48	0.11	-0.15	-3.09e-05	-1.02e-03	2.15e-03
124	55	-0.12	0.64	-0.17	-4.28e-04	-6.79e-04	2.48e-03
124	69	-3.06e-03	2.09e-03	-0.24	-1.97e-04	-5.21e-04	-1.15e-06
124	70	-3.53e-03	1.97e-03	-0.29	-2.22e-04	-2.83e-04	-1.50e-06
124	71	-3.06e-03	2.09e-03	-0.24	-1.97e-04	-5.21e-04	-1.15e-06
124	72	-3.30e-03	2.03e-03	-0.26	-2.09e-04	-4.02e-04	-1.32e-06
124	73	-3.06e-03	2.09e-03	-0.24	-1.97e-04	-5.21e-04	-1.15e-06
124	74	-3.21e-03	2.06e-03	-0.25	-2.04e-04	-4.49e-04	-1.25e-06
125	1	-3.73e-03	2.45e-03	-0.32	-1.73e-04	-7.73e-04	-3.07e-06
125	2	-4.37e-03	2.27e-03	-0.40	-1.98e-04	-3.94e-04	-3.74e-06
125	6	1.12	-0.87	-0.53	-3.25e-04	7.75e-04	-6.20e-03
125	7	-1.13	0.87	5.97e-03	4.92e-05	-1.81e-03	6.19e-03
125	23	-0.40	1.23	-0.11	-6.89e-06	-9.89e-04	4.76e-03
125	38	0.64	-0.48	-0.42	-2.45e-04	-2.42e-04	-3.55e-03
125	39	-0.65	0.49	-0.11	-3.10e-05	-1.26e-03	3.55e-03
125	55	-0.23	0.68	-0.18	-6.39e-05	-7.86e-04	2.72e-03
125	69	-2.87e-03	1.89e-03	-0.25	-1.33e-04	-5.95e-04	-2.36e-06
125	70	-3.30e-03	1.77e-03	-0.30	-1.50e-04	-3.42e-04	-2.81e-06
125	71	-2.87e-03	1.89e-03	-0.25	-1.33e-04	-5.95e-04	-2.36e-06
125	72	-3.08e-03	1.83e-03	-0.27	-1.41e-04	-4.68e-04	-2.59e-06
125	73	-2.87e-03	1.89e-03	-0.25	-1.33e-04	-5.95e-04	-2.36e-06
125	74	-3.00e-03	1.85e-03	-0.26	-1.38e-04	-5.19e-04	-2.50e-06
126	1	-2.21e-03	8.79e-04	-0.30	-9.20e-05	-1.09e-03	-1.24e-05
126	2	-2.57e-03	6.42e-04	-0.38	-1.08e-04	-7.39e-04	-1.38e-05
126	9	1.77	0.61	-0.61	-8.21e-05	1.14e-03	3.16e-03
126	12	-1.77	-0.61	0.11	-6.59e-05	-2.68e-03	-3.18e-03
126	21	0.56	1.17	-0.37	2.88e-04	-2.17e-04	3.79e-03
126	41	1.02	0.35	-0.45	-8.23e-05	3.30e-04	1.81e-03
126	44	-1.02	-0.34	-0.04	-6.57e-05	-1.87e-03	-1.83e-03
126	53	0.32	0.65	-0.32	1.20e-04	-4.52e-04	2.16e-03
126	69	-1.70e-03	6.76e-04	-0.23	-7.08e-05	-8.41e-04	-9.57e-06
126	70	-1.94e-03	5.18e-04	-0.29	-8.16e-05	-6.05e-04	-1.05e-05
126	71	-1.70e-03	6.76e-04	-0.23	-7.08e-05	-8.41e-04	-9.57e-06
126	72	-1.82e-03	5.97e-04	-0.26	-7.62e-05	-7.23e-04	-1.00e-05
126	73	-1.70e-03	6.76e-04	-0.23	-7.08e-05	-8.41e-04	-9.57e-06
126	74	-1.77e-03	6.29e-04	-0.25	-7.40e-05	-7.70e-04	-9.84e-06
127	1	-3.42e-03	2.43e-03	-0.32	-2.34e-05	-8.93e-04	-2.66e-06
127	2	-3.99e-03	2.26e-03	-0.40	-1.41e-05	-5.21e-04	-3.26e-06
127	6	1.49	-0.81	-0.57	-2.26e-04	9.58e-04	-5.69e-03
127	7	-1.49	0.81	0.05	1.94e-04	-2.18e-03	5.69e-03
127	23	-0.56	1.21	-0.08	1.98e-04	-1.16e-03	4.66e-03
127	38	0.85	-0.45	-0.44	-1.35e-04	2.90e-04	-3.27e-03
127	39	-0.86	0.46	-0.08	1.03e-04	-1.52e-03	3.26e-03
127	55	-0.32	0.67	-0.16	1.04e-04	-9.27e-04	2.67e-03
127	69	-2.63e-03	1.87e-03	-0.24	-1.80e-05	-6.87e-04	-2.05e-06
127	70	-3.01e-03	1.76e-03	-0.30	-1.18e-05	-4.39e-04	-2.44e-06
127	71	-2.63e-03	1.87e-03	-0.24	-1.80e-05	-6.87e-04	-2.05e-06
127	72	-2.82e-03	1.81e-03	-0.27	-1.49e-05	-5.63e-04	-2.24e-06
127	73	-2.63e-03	1.87e-03	-0.24	-1.80e-05	-6.87e-04	-2.05e-06
127	74	-2.74e-03	1.84e-03	-0.26	-1.61e-05	-6.13e-04	-2.16e-06
128	2	-4.94e-03	4.55e-03	-0.36	5.93e-05	-7.32e-04	2.32e-05
128	13	1.40	0.77	-0.55	1.93e-04	8.36e-04	5.05e-03
128	16	-1.40	-0.76	0.07	-1.10e-04	-2.34e-03	-5.02e-03
128	21	0.53	1.15	-0.35	2.78e-04	-1.54e-04	4.94e-03
128	45	0.80	0.44	-0.42	1.27e-04	1.59e-04	2.92e-03
128	48	-0.81	-0.43	-0.06	-4.39e-05	-1.67e-03	-2.89e-03
128	53	0.29	0.65	-0.30	1.71e-04	-4.21e-04	2.85e-03
128	70	-3.72e-03	3.47e-03	-0.27	4.49e-05	-5.98e-04	1.75e-05
128	72	-3.47e-03	3.36e-03	-0.25	4.25e-05	-7.09e-04	1.64e-05
128	74	-3.37e-03	3.31e-03	-0.24	4.15e-05	-7.54e-04	1.60e-05
129	1	-7.48e-03	1.29e-03	-0.38	-9.61e-05	-7.28e-04	2.58e-06
129	2	-7.73e-03	1.28e-03	-0.46	-5.19e-04	-8.44e-04	1.70e-06
129	20	-0.73	-0.24	-0.17	2.08e-04	-1.33e-03	3.71e-03
129	21	0.10	0.87	-0.63	-1.34e-03	-4.47e-04	-7.20e-04
129	25	0.27	0.84	-0.63	-1.43e-03	-3.09e-04	-1.65e-03
129	52	-0.42	-0.13	-0.23	4.03e-05	-1.01e-03	2.14e-03
129	53	0.06	0.48	-0.48	-7.97e-04	-5.05e-04	-4.02e-04
129	57	0.15	0.46	-0.48	-8.46e-04	-4.25e-04	-9.40e-04
129	69	-5.75e-03	9.95e-04	-0.29	-7.39e-05	-5.60e-04	1.98e-06
129	70	-5.92e-03	9.86e-04	-0.35	-3.56e-04	-6.37e-04	1.40e-06
129	71	-5.75e-03	9.95e-04	-0.29	-7.39e-05	-5.60e-04	1.98e-06
129	72	-5.83e-03	9.90e-04	-0.32	-2.15e-04	-5.98e-04	1.69e-06

129	73	-5.75e-03	9.95e-04	-0.29	-7.39e-05	-5.60e-04	1.98e-06
129	74	-5.80e-03	9.92e-04	-0.31	-1.58e-04	-5.83e-04	1.81e-06
130	1	-3.25e-03	2.64e-03	-0.30	7.56e-05	-1.04e-03	0.0
130	2	-3.77e-03	2.52e-03	-0.37	1.06e-04	-7.01e-04	0.0
130	6	1.78	-0.63	-0.60	8.70e-06	1.14e-03	-4.07e-03
130	7	-1.79	0.63	0.12	1.20e-04	-2.60e-03	4.07e-03
130	23	-0.66	1.10	-0.05	-1.49e-04	-1.37e-03	4.12e-03
130	38	1.02	-0.35	-0.45	2.81e-05	3.42e-04	-2.34e-03
130	39	-1.03	0.35	-0.04	1.00e-04	-1.80e-03	2.34e-03
130	55	-0.38	0.61	-0.14	-4.66e-05	-1.10e-03	2.37e-03
130	69	-2.50e-03	2.03e-03	-0.23	5.82e-05	-7.98e-04	0.0
130	70	-2.85e-03	1.95e-03	-0.28	7.82e-05	-5.74e-04	0.0
130	71	-2.50e-03	2.03e-03	-0.23	5.82e-05	-7.98e-04	0.0
130	72	-2.67e-03	1.99e-03	-0.25	6.82e-05	-6.86e-04	0.0
130	73	-2.50e-03	2.03e-03	-0.23	5.82e-05	-7.98e-04	0.0
130	74	-2.60e-03	2.01e-03	-0.24	6.42e-05	-7.31e-04	0.0
131	1	-7.49e-03	1.76e-03	-0.34	-1.44e-04	-8.47e-04	1.61e-06
131	2	-8.51e-03	1.59e-03	-0.42	-1.90e-04	-4.60e-04	0.0
131	13	1.10	0.59	-0.56	2.51e-05	5.81e-04	3.05e-03
131	16	-1.11	-0.59	-4.02e-04	-2.65e-04	-1.73e-03	-3.05e-03
131	25	0.79	1.16	-0.51	-3.88e-05	7.76e-05	3.83e-03
131	45	0.62	0.33	-0.44	-3.64e-05	8.76e-05	1.75e-03
131	48	-0.63	-0.33	-0.12	-2.04e-04	-1.24e-03	-1.75e-03
131	57	0.43	0.64	-0.41	-7.34e-05	-2.14e-04	2.18e-03
131	69	-5.76e-03	1.35e-03	-0.26	-1.11e-04	-6.51e-04	1.24e-06
131	70	-6.44e-03	1.24e-03	-0.32	-1.41e-04	-3.93e-04	0.0
131	71	-5.76e-03	1.35e-03	-0.26	-1.11e-04	-6.51e-04	1.24e-06
131	72	-6.10e-03	1.30e-03	-0.29	-1.26e-04	-5.22e-04	0.0
131	73	-5.76e-03	1.35e-03	-0.26	-1.11e-04	-6.51e-04	1.24e-06
131	74	-5.97e-03	1.32e-03	-0.28	-1.20e-04	-5.74e-04	0.0
132	1	-7.48e-03	1.34e-03	-0.37	2.48e-05	2.47e-04	-1.34e-06
132	2	-8.35e-03	1.10e-03	-0.46	1.74e-05	-2.67e-04	-3.12e-06
132	13	0.92	0.65	-0.55	2.79e-04	6.01e-04	3.48e-03
132	16	-0.93	-0.65	-0.05	-2.43e-04	-1.49e-03	-3.49e-03
132	25	0.62	1.23	-0.50	3.73e-04	1.04e-04	4.21e-03
132	45	0.52	0.36	-0.44	1.65e-04	1.55e-04	1.99e-03
132	48	-0.53	-0.36	-0.16	-1.30e-04	-1.04e-03	-1.99e-03
132	57	0.34	0.68	-0.41	2.12e-04	-1.40e-04	2.36e-03
132	69	-5.76e-03	1.03e-03	-0.28	1.91e-05	-5.29e-04	-1.03e-06
132	70	-6.33e-03	8.70e-04	-0.34	1.42e-05	-2.48e-04	-2.22e-06
132	71	-5.76e-03	1.03e-03	-0.28	1.91e-05	-5.29e-04	-1.03e-06
132	72	-6.04e-03	9.49e-04	-0.31	1.66e-05	-3.89e-04	-1.62e-06
132	73	-5.76e-03	1.03e-03	-0.28	1.91e-05	-5.29e-04	-1.03e-06
132	74	-5.93e-03	9.81e-04	-0.30	1.76e-05	-4.45e-04	-1.39e-06
133	2	-2.58e-03	4.48e-03	-0.37	1.30e-05	-7.20e-04	2.17e-05
133	13	1.60	0.72	-0.59	1.27e-04	1.03e-03	4.63e-03
133	16	-1.60	-0.71	0.11	-1.04e-04	-2.52e-03	-4.60e-03
133	21	0.52	1.14	-0.38	1.78e-04	1.76e-04	4.86e-03
133	45	0.92	0.41	-0.44	7.70e-05	2.77e-04	2.68e-03
133	48	-0.92	-0.40	-0.04	-5.38e-05	-1.77e-03	-2.65e-03
133	53	0.29	0.64	-0.32	1.03e-04	-4.24e-04	2.81e-03
133	70	-1.94e-03	3.41e-03	-0.28	1.03e-05	-5.88e-04	1.64e-05
133	72	-1.80e-03	3.31e-03	-0.25	1.12e-05	-7.00e-04	1.54e-05
133	74	-1.74e-03	3.26e-03	-0.24	1.16e-05	-7.44e-04	1.50e-05
134	1	-3.42e-03	3.10e-03	-0.27	6.12e-06	-1.20e-03	4.14e-06
134	2	-3.94e-03	3.04e-03	-0.33	1.13e-05	-9.33e-04	4.35e-06
134	6	1.91	-0.43	-0.60	1.50e-04	1.30e-03	-1.73e-03
134	7	-1.91	0.43	0.16	-1.38e-04	-3.05e-03	1.74e-03
134	23	-0.65	0.95	-0.08	-1.03e-03	-1.60e-03	3.70e-03
134	38	1.09	-0.24	-0.44	7.66e-05	3.77e-04	-9.91e-04
134	39	-1.10	0.24	1.02e-03	-6.51e-05	-2.12e-03	9.98e-04
134	55	-0.37	0.53	-0.14	-5.48e-04	-1.29e-03	2.12e-03
134	69	-2.63e-03	2.38e-03	-0.21	4.71e-06	-9.27e-04	3.18e-06
134	70	-2.98e-03	2.35e-03	-0.25	8.18e-06	-7.46e-04	3.33e-06
134	71	-2.63e-03	2.38e-03	-0.21	4.71e-06	-9.27e-04	3.18e-06
134	72	-2.80e-03	2.36e-03	-0.23	6.44e-06	-8.36e-04	3.25e-06
134	73	-2.63e-03	2.38e-03	-0.21	4.71e-06	-9.27e-04	3.18e-06
134	74	-2.73e-03	2.37e-03	-0.22	5.75e-06	-8.72e-04	3.23e-06
135	1	-7.10e-03	2.44e-03	-0.30	-1.61e-04	-1.03e-03	6.69e-06
135	2	-8.19e-03	2.38e-03	-0.37	-2.05e-04	-7.06e-04	6.51e-06
135	13	1.21	0.50	-0.54	-3.92e-04	5.47e-04	2.52e-03
135	16	-1.22	-0.50	0.05	1.27e-04	-2.00e-03	-2.51e-03
135	21	0.71	1.04	-0.44	-7.42e-04	-1.03e-04	3.62e-03
135	45	0.69	0.29	-0.41	-2.73e-04	2.04e-06	1.45e-03
135	48	-0.70	-0.28	-0.08	8.69e-06	-1.46e-03	-1.44e-03
135	53	0.38	0.58	-0.35	-4.59e-04	-3.87e-04	2.09e-03
135	69	-5.46e-03	1.87e-03	-0.23	-1.24e-04	-7.92e-04	5.15e-06

135	70	-6.19e-03	1.84e-03	-0.28	-1.53e-04	-5.76e-04	5.02e-06
135	71	-5.46e-03	1.87e-03	-0.23	-1.24e-04	-7.92e-04	5.15e-06
135	72	-5.82e-03	1.86e-03	-0.25	-1.38e-04	-6.84e-04	5.08e-06
135	73	-5.46e-03	1.87e-03	-0.23	-1.24e-04	-7.92e-04	5.15e-06
135	74	-5.68e-03	1.86e-03	-0.25	-1.32e-04	-7.28e-04	5.11e-06
136	2	-7.58e-03	9.47e-04	-0.61	-7.75e-04	-1.27e-03	4.78e-06
136	16	-0.82	-0.20	-0.26	4.42e-04	-1.18e-03	4.55e-03
136	21	0.29	0.89	-0.81	-2.25e-03	-6.66e-04	-2.21e-03
136	23	0.17	0.99	-0.78	-2.42e-03	-7.37e-04	-1.92e-03
136	48	-0.47	-0.11	-0.33	1.03e-04	-1.04e-03	2.59e-03
136	53	0.15	0.48	-0.62	-1.33e-03	-7.56e-04	-1.17e-03
136	55	0.08	0.54	-0.60	-1.42e-03	-7.97e-04	-1.01e-03
136	70	-5.81e-03	7.21e-04	-0.46	-5.40e-04	-9.55e-04	3.76e-06
136	72	-5.75e-03	6.96e-04	-0.42	-3.58e-04	-8.88e-04	4.05e-06
136	74	-5.73e-03	6.86e-04	-0.41	-2.85e-04	-8.61e-04	4.16e-06
137	2	-7.38e-03	3.27e-04	-0.75	-9.35e-04	-8.67e-04	7.39e-06
137	16	-0.87	-0.25	-0.33	6.44e-04	-6.08e-04	4.70e-03
137	21	0.43	1.11	-0.98	-3.15e-03	-3.43e-04	-3.38e-03
137	23	0.29	1.22	-0.94	-3.37e-03	-3.21e-04	-2.95e-03
137	48	-0.50	-0.13	-0.41	1.70e-04	-5.96e-04	2.67e-03
137	53	0.23	0.59	-0.75	-1.84e-03	-4.58e-04	-1.79e-03
137	55	0.15	0.66	-0.73	-1.96e-03	-4.46e-04	-1.54e-03
137	70	-5.66e-03	2.36e-04	-0.56	-6.56e-04	-6.53e-04	5.76e-06
137	72	-5.62e-03	1.85e-04	-0.52	-4.50e-04	-6.07e-04	5.99e-06
137	74	-5.60e-03	1.64e-04	-0.50	-3.68e-04	-5.88e-04	6.08e-06
138	1	-7.02e-03	-7.44e-04	-0.66	-3.85e-04	-8.13e-05	9.95e-06
138	2	-7.12e-03	-5.32e-04	-0.81	-1.04e-03	-8.53e-05	9.53e-06
138	16	-0.90	-0.33	-0.34	8.75e-04	1.06e-05	4.85e-03
138	21	0.52	1.39	-1.10	-4.04e-03	2.15e-04	-4.14e-03
138	22	-0.37	-1.53	-0.02	3.46e-03	-3.79e-04	3.62e-03
138	48	-0.51	-0.17	-0.43	2.64e-04	-1.71e-05	2.75e-03
138	53	0.28	0.74	-0.83	-2.33e-03	8.40e-05	-2.20e-03
138	54	-0.20	-0.82	-0.26	1.63e-03	-2.33e-04	1.91e-03
138	69	-5.40e-03	-5.72e-04	-0.51	-2.96e-04	-6.25e-05	7.65e-06
138	70	-5.47e-03	-4.31e-04	-0.61	-7.35e-04	-6.73e-05	7.37e-06
138	71	-5.40e-03	-5.72e-04	-0.51	-2.96e-04	-6.25e-05	7.65e-06
138	72	-5.44e-03	-5.02e-04	-0.56	-5.16e-04	-6.49e-05	7.51e-06
138	73	-5.40e-03	-5.72e-04	-0.51	-2.96e-04	-6.25e-05	7.65e-06
138	74	-5.42e-03	-5.30e-04	-0.54	-4.28e-04	-6.40e-05	7.57e-06
139	1	-6.73e-03	-1.82e-03	-0.64	-4.29e-04	5.05e-04	1.12e-05
139	2	-6.81e-03	-1.58e-03	-0.79	-1.10e-03	6.19e-04	1.12e-05
139	16	-0.91	-0.44	-0.29	1.13e-03	4.24e-04	4.89e-03
139	21	0.56	1.72	-1.16	-4.91e-03	6.76e-04	-4.50e-03
139	22	-0.41	-1.88	0.07	4.31e-03	1.21e-04	3.94e-03
139	48	-0.52	-0.23	-0.40	3.83e-04	4.22e-04	2.77e-03
139	53	0.30	0.91	-0.86	-2.81e-03	5.52e-04	-2.41e-03
139	54	-0.22	-1.00	-0.21	2.06e-03	2.56e-04	2.09e-03
139	69	-5.18e-03	-1.40e-03	-0.49	-3.30e-04	3.89e-04	8.63e-06
139	70	-5.23e-03	-1.24e-03	-0.59	-7.77e-04	4.64e-04	8.61e-06
139	71	-5.18e-03	-1.40e-03	-0.49	-3.30e-04	3.89e-04	8.63e-06
139	72	-5.20e-03	-1.32e-03	-0.54	-5.53e-04	4.27e-04	8.62e-06
139	73	-5.18e-03	-1.40e-03	-0.49	-3.30e-04	3.89e-04	8.63e-06
139	74	-5.19e-03	-1.35e-03	-0.52	-4.64e-04	4.12e-04	8.62e-06
140	1	-6.37e-03	-2.99e-03	-0.58	-4.49e-04	6.62e-04	1.19e-05
140	2	-6.44e-03	-2.78e-03	-0.71	-1.10e-03	8.06e-04	1.24e-05
140	16	-0.90	-0.75	-0.21	1.42e-03	3.15e-04	4.85e-03
140	21	0.55	2.06	-1.19	-6.14e-03	7.56e-04	-4.45e-03
140	22	-0.40	-2.23	0.20	4.81e-03	3.68e-04	3.91e-03
140	48	-0.52	-0.40	-0.33	5.27e-04	4.12e-04	2.75e-03
140	53	0.30	1.09	-0.85	-3.47e-03	6.56e-04	-2.39e-03
140	54	-0.21	-1.18	-0.12	2.31e-03	4.48e-04	2.09e-03
140	69	-4.90e-03	-2.30e-03	-0.44	-3.45e-04	5.09e-04	9.16e-06
140	70	-4.94e-03	-2.16e-03	-0.53	-7.81e-04	6.05e-04	9.47e-06
140	71	-4.90e-03	-2.30e-03	-0.44	-3.45e-04	5.09e-04	9.16e-06
140	72	-4.92e-03	-2.23e-03	-0.49	-5.63e-04	5.57e-04	9.31e-06
140	73	-4.90e-03	-2.30e-03	-0.44	-3.45e-04	5.09e-04	9.16e-06
140	74	-4.91e-03	-2.26e-03	-0.47	-4.76e-04	5.38e-04	9.25e-06
141	1	-5.94e-03	-4.21e-03	-0.53	-4.51e-04	2.18e-05	1.21e-05
141	2	-6.01e-03	-4.07e-03	-0.65	-1.07e-03	2.68e-05	1.32e-05
141	16	-0.88	-0.86	-0.16	1.71e-03	-5.37e-04	4.72e-03
141	22	-0.36	-2.56	0.38	5.64e-03	1.91e-05	3.57e-03
141	23	0.35	2.56	-1.24	-6.58e-03	1.64e-05	-3.55e-03
141	48	-0.51	-0.46	-0.29	6.87e-04	-3.02e-04	2.68e-03
141	54	-0.19	-1.36	-3.79e-03	2.75e-03	2.06e-05	1.91e-03
141	55	0.18	1.35	-0.86	-3.69e-03	1.49e-05	-1.89e-03
141	69	-4.57e-03	-3.24e-03	-0.41	-3.47e-04	1.67e-05	9.32e-06
141	70	-4.62e-03	-3.14e-03	-0.48	-7.57e-04	2.01e-05	1.00e-05

141	71	-4.57e-03	-3.24e-03	-0.41	-3.47e-04	1.67e-05	9.32e-06
141	72	-4.59e-03	-3.19e-03	-0.45	-5.52e-04	1.84e-05	9.66e-06
141	73	-4.57e-03	-3.24e-03	-0.41	-3.47e-04	1.67e-05	9.32e-06
141	74	-4.58e-03	-3.21e-03	-0.43	-4.70e-04	1.77e-05	9.52e-06
142	1	-5.59e-03	-5.52e-03	-0.57	-5.11e-04	-5.65e-04	1.36e-05
142	2	-5.58e-03	-5.48e-03	-0.71	-1.20e-03	-6.84e-04	1.46e-05
142	16	-0.88	-0.96	-0.26	1.82e-03	-5.56e-04	4.76e-03
142	23	0.36	2.71	-1.34	-7.23e-03	-3.99e-04	-3.63e-03
142	24	-0.51	-2.89	0.35	6.57e-03	-5.37e-04	4.03e-03
142	48	-0.50	-0.51	-0.36	7.12e-04	-5.14e-04	2.71e-03
142	55	0.19	1.42	-0.93	-4.06e-03	-4.27e-04	-1.94e-03
142	56	-0.28	-1.53	-0.04	3.22e-03	-5.01e-04	2.18e-03
142	69	-4.30e-03	-4.24e-03	-0.44	-3.93e-04	-4.35e-04	1.05e-05
142	70	-4.29e-03	-4.22e-03	-0.53	-8.51e-04	-5.14e-04	1.11e-05
142	71	-4.30e-03	-4.24e-03	-0.44	-3.93e-04	-4.35e-04	1.05e-05
142	72	-4.30e-03	-4.23e-03	-0.49	-6.22e-04	-4.74e-04	1.08e-05
142	73	-4.30e-03	-4.24e-03	-0.44	-3.93e-04	-4.35e-04	1.05e-05
142	74	-4.30e-03	-4.24e-03	-0.47	-5.31e-04	-4.58e-04	1.07e-05
143	1	-5.17e-03	-6.94e-03	-0.64	-5.48e-04	-4.55e-04	1.45e-05
143	2	-5.07e-03	-7.01e-03	-0.79	-1.28e-03	-5.48e-04	1.55e-05
143	16	-0.87	-1.06	-0.29	1.95e-03	-2.04e-04	4.70e-03
143	23	0.32	3.02	-1.45	-7.86e-03	-2.73e-04	-3.32e-03
143	24	-0.46	-3.20	0.36	7.10e-03	-4.21e-04	3.66e-03
143	48	-0.50	-0.56	-0.40	7.65e-04	-2.72e-04	2.68e-03
143	55	0.17	1.59	-1.01	-4.41e-03	-3.17e-04	-1.78e-03
143	56	-0.25	-1.69	-0.06	3.48e-03	-3.96e-04	1.98e-03
143	69	-3.97e-03	-5.34e-03	-0.49	-4.22e-04	-3.50e-04	1.12e-05
143	70	-3.91e-03	-5.38e-03	-0.59	-9.08e-04	-4.12e-04	1.18e-05
143	71	-3.97e-03	-5.34e-03	-0.49	-4.22e-04	-3.50e-04	1.12e-05
143	72	-3.94e-03	-5.36e-03	-0.54	-6.65e-04	-3.81e-04	1.15e-05
143	73	-3.97e-03	-5.34e-03	-0.49	-4.22e-04	-3.50e-04	1.12e-05
143	74	-3.95e-03	-5.35e-03	-0.52	-5.67e-04	-3.69e-04	1.13e-05
144	1	-4.66e-03	-8.43e-03	-0.67	-5.62e-04	-1.73e-05	1.47e-05
144	2	-4.49e-03	-8.59e-03	-0.82	-1.30e-03	-1.55e-05	1.57e-05
144	16	-0.84	-1.14	-0.22	2.12e-03	2.18e-04	4.55e-03
144	21	0.38	3.45	-1.53	-8.82e-03	2.55e-05	-3.01e-03
144	24	-0.39	-3.46	0.45	7.66e-03	-5.14e-05	3.04e-03
144	48	-0.48	-0.61	-0.37	8.44e-04	1.21e-04	2.60e-03
144	53	0.21	1.82	-1.07	-4.93e-03	6.39e-06	-1.62e-03
144	56	-0.21	-1.83	-0.02	3.77e-03	-3.23e-05	1.65e-03
144	69	-3.59e-03	-6.48e-03	-0.51	-4.32e-04	-1.33e-05	1.13e-05
144	70	-3.47e-03	-6.59e-03	-0.62	-9.27e-04	-1.21e-05	1.20e-05
144	71	-3.59e-03	-6.48e-03	-0.51	-4.32e-04	-1.33e-05	1.13e-05
144	72	-3.53e-03	-6.54e-03	-0.56	-6.80e-04	-1.27e-05	1.17e-05
144	73	-3.59e-03	-6.48e-03	-0.51	-4.32e-04	-1.33e-05	1.13e-05
144	74	-3.55e-03	-6.51e-03	-0.54	-5.81e-04	-1.30e-05	1.15e-05
145	1	-4.08e-03	-9.90e-03	-0.64	-5.52e-04	3.79e-04	1.43e-05
145	2	-3.84e-03	-0.01	-0.79	-1.28e-03	4.65e-04	1.54e-05
145	20	-0.83	-1.11	-0.20	2.11e-03	4.09e-04	4.53e-03
145	21	0.29	3.65	-1.58	-9.38e-03	3.43e-04	-2.28e-03
145	24	-0.30	-3.67	0.53	8.24e-03	2.74e-04	2.30e-03
145	52	-0.48	-0.59	-0.35	8.47e-04	3.67e-04	2.59e-03
145	53	0.16	1.92	-1.08	-5.22e-03	3.26e-04	-1.23e-03
145	56	-0.17	-1.94	0.03	4.08e-03	2.91e-04	1.25e-03
145	69	-3.14e-03	-7.61e-03	-0.49	-4.25e-04	2.91e-04	1.10e-05
145	70	-2.98e-03	-7.79e-03	-0.60	-9.10e-04	3.49e-04	1.17e-05
145	71	-3.14e-03	-7.61e-03	-0.49	-4.25e-04	2.91e-04	1.10e-05
145	72	-3.06e-03	-7.70e-03	-0.54	-6.67e-04	3.20e-04	1.14e-05
145	73	-3.14e-03	-7.61e-03	-0.49	-4.25e-04	2.91e-04	1.10e-05
145	74	-3.09e-03	-7.67e-03	-0.52	-5.70e-04	3.09e-04	1.12e-05
146	1	-3.42e-03	-0.01	-0.59	-5.19e-04	3.63e-04	1.32e-05
146	2	-3.11e-03	-0.01	-0.73	-1.20e-03	4.45e-04	1.44e-05
146	20	-0.81	-1.17	-0.14	2.35e-03	6.59e-05	4.40e-03
146	21	0.21	3.79	-1.60	-9.93e-03	3.40e-04	-1.59e-03
146	24	-0.22	-3.80	0.64	8.86e-03	2.51e-04	1.61e-03
146	52	-0.47	-0.62	-0.30	9.88e-04	1.63e-04	2.52e-03
146	53	0.12	1.99	-1.07	-5.49e-03	3.21e-04	-8.59e-04
146	56	-0.12	-2.01	0.11	4.42e-03	2.70e-04	8.79e-04
146	69	-2.63e-03	-8.69e-03	-0.46	-3.99e-04	2.79e-04	1.02e-05
146	70	-2.43e-03	-8.94e-03	-0.55	-8.55e-04	3.34e-04	1.10e-05
146	71	-2.63e-03	-8.69e-03	-0.46	-3.99e-04	2.79e-04	1.02e-05
146	72	-2.53e-03	-8.82e-03	-0.50	-6.27e-04	3.07e-04	1.06e-05
146	73	-2.63e-03	-8.69e-03	-0.46	-3.99e-04	2.79e-04	1.02e-05
146	74	-2.57e-03	-8.77e-03	-0.48	-5.36e-04	2.96e-04	1.04e-05
147	1	-2.78e-03	-0.01	-0.58	-5.07e-04	-3.18e-04	1.23e-05
147	2	-2.42e-03	-0.01	-0.72	-1.17e-03	-3.85e-04	1.38e-05
147	20	-0.80	-1.22	-0.11	2.50e-03	-6.04e-04	4.27e-03

147	21	0.16	3.87	-1.63	-0.01	-2.38e-04	-1.15e-03
147	24	-0.17	-3.89	0.68	9.19e-03	-2.79e-04	1.17e-03
147	52	-0.46	-0.65	-0.28	1.07e-03	-4.58e-04	2.45e-03
147	53	0.09	2.04	-1.09	-5.65e-03	-2.46e-04	-6.17e-04
147	56	-0.09	-2.06	0.13	4.60e-03	-2.70e-04	6.37e-04
147	69	-2.14e-03	-9.67e-03	-0.45	-3.90e-04	-2.45e-04	9.49e-06
147	70	-1.90e-03	-0.01	-0.54	-8.35e-04	-2.89e-04	1.04e-05
147	71	-2.14e-03	-9.67e-03	-0.45	-3.90e-04	-2.45e-04	9.49e-06
147	72	-2.02e-03	-9.84e-03	-0.49	-6.13e-04	-2.67e-04	9.97e-06
147	73	-2.14e-03	-9.67e-03	-0.45	-3.90e-04	-2.45e-04	9.49e-06
147	74	-2.06e-03	-9.77e-03	-0.48	-5.24e-04	-2.58e-04	9.78e-06
148	1	-2.15e-03	-0.01	-0.64	-5.56e-04	-5.39e-04	1.16e-05
148	2	-1.71e-03	-0.01	-0.79	-1.28e-03	-6.55e-04	1.32e-05
148	20	-0.79	-1.26	-0.25	2.46e-03	-2.45e-04	4.18e-03
148	24	-0.12	-3.94	0.59	9.00e-03	-4.41e-04	7.44e-04
148	27	-0.18	3.84	-1.67	-9.97e-03	-4.15e-04	6.14e-04
148	52	-0.46	-0.67	-0.38	1.03e-03	-4.14e-04	2.40e-03
148	56	-0.07	-2.08	0.06	4.48e-03	-4.39e-04	4.09e-04
148	59	-0.10	2.02	-1.13	-5.53e-03	-4.25e-04	3.77e-04
148	69	-1.65e-03	-0.01	-0.50	-4.27e-04	-4.15e-04	8.94e-06
148	70	-1.36e-03	-0.01	-0.60	-9.11e-04	-4.92e-04	9.96e-06
148	71	-1.65e-03	-0.01	-0.50	-4.27e-04	-4.15e-04	8.94e-06
148	72	-1.51e-03	-0.01	-0.55	-6.69e-04	-4.53e-04	9.45e-06
148	73	-1.65e-03	-0.01	-0.50	-4.27e-04	-4.15e-04	8.94e-06
148	74	-1.56e-03	-0.01	-0.53	-5.72e-04	-4.38e-04	9.25e-06
149	1	-1.30e-03	-0.01	-0.69	-5.81e-04	-2.09e-04	9.08e-06
149	2	-7.57e-04	-0.02	-0.85	-1.33e-03	-2.55e-04	1.05e-05
149	20	-0.77	-1.28	-0.19	2.46e-03	6.73e-05	3.97e-03
149	25	0.15	3.92	-1.69	-0.01	-2.25e-04	-5.18e-04
149	28	-0.15	-3.94	0.56	8.86e-03	-1.15e-04	5.33e-04
149	52	-0.44	-0.68	-0.37	1.02e-03	-2.29e-05	2.29e-03
149	57	0.09	2.06	-1.16	-5.58e-03	-2.02e-04	-3.03e-04
149	60	-0.09	-2.09	0.03	4.39e-03	-1.38e-04	3.17e-04
149	69	-9.96e-04	-0.01	-0.53	-4.47e-04	-1.60e-04	6.98e-06
149	70	-6.37e-04	-0.01	-0.64	-9.49e-04	-1.92e-04	7.91e-06
149	71	-9.96e-04	-0.01	-0.53	-4.47e-04	-1.60e-04	6.98e-06
149	72	-8.17e-04	-0.01	-0.58	-6.98e-04	-1.76e-04	7.44e-06
149	73	-9.96e-04	-0.01	-0.53	-4.47e-04	-1.60e-04	6.98e-06
149	74	-8.89e-04	-0.01	-0.56	-5.97e-04	-1.70e-04	7.26e-06
150	2	4.45e-04	-0.02	-0.85	-1.34e-03	3.66e-04	5.70e-06
150	4	4.96e-04	-0.01	-0.69	-1.20e-03	2.96e-04	4.62e-06
150	15	-0.80	1.03	-0.86	-3.10e-03	4.97e-04	4.09e-03
150	33	0.17	3.92	-1.68	-0.01	2.01e-04	-1.60e-03
150	36	-0.17	-3.94	0.56	8.84e-03	2.90e-04	1.61e-03
150	47	-0.46	0.54	-0.72	-1.91e-03	3.91e-04	2.35e-03
150	65	0.10	2.06	-1.15	-5.58e-03	2.19e-04	-9.16e-04
150	68	-0.10	-2.08	0.03	4.38e-03	2.72e-04	9.23e-04
150	70	2.74e-04	-0.01	-0.63	-9.50e-04	4.28e-04	6.28e-06
150	71	-1.71e-04	-0.01	-0.53	-4.48e-04	2.33e-04	3.60e-06
150	72	5.13e-05	-0.01	-0.58	-6.99e-04	2.54e-04	3.94e-06
150	73	-1.71e-04	-0.01	-0.53	-4.48e-04	2.33e-04	3.60e-06
150	74	-3.77e-05	-0.01	-0.56	-5.99e-04	2.46e-04	3.81e-06
151	2	1.89e-03	-0.02	-0.78	-1.29e-03	7.59e-04	-1.12e-06
151	14	0.82	-1.02	-0.23	1.88e-03	4.67e-04	-4.29e-03
151	32	0.05	-3.92	0.62	8.96e-03	5.21e-04	-3.95e-04
151	33	0.10	3.89	-1.65	-0.01	4.89e-04	-4.91e-04
151	46	0.47	-0.54	-0.36	7.13e-04	4.84e-04	-2.46e-03
151	64	0.03	-2.07	0.08	4.45e-03	5.16e-04	-2.05e-04
151	65	0.07	2.05	-1.11	-5.60e-03	4.97e-04	-3.10e-04
151	70	1.37e-03	-0.01	-0.58	-9.15e-04	5.70e-04	0.0
151	72	1.10e-03	-0.01	-0.53	-6.73e-04	5.26e-04	-1.05e-06
151	74	9.89e-04	-0.01	-0.51	-5.76e-04	5.09e-04	-1.10e-06
152	2	3.59e-03	-0.02	-0.69	-1.18e-03	4.75e-04	-1.00e-05
152	14	0.83	-0.97	-0.17	1.87e-03	6.88e-04	-4.41e-03
152	29	-0.10	3.84	-1.61	-0.01	3.03e-04	8.13e-04
152	32	0.11	-3.86	0.69	9.12e-03	3.35e-04	-8.27e-04
152	46	0.47	-0.51	-0.31	7.28e-04	5.32e-04	-2.53e-03
152	61	-0.05	2.02	-1.06	-5.62e-03	3.13e-04	4.28e-04
152	64	0.06	-2.04	0.15	4.56e-03	3.26e-04	-4.43e-04
152	70	2.66e-03	-0.01	-0.52	-8.42e-04	3.57e-04	-7.66e-06
152	72	2.32e-03	-0.01	-0.48	-6.19e-04	3.30e-04	-7.53e-06
152	74	2.19e-03	-0.01	-0.46	-5.30e-04	3.19e-04	-7.47e-06
153	2	5.48e-03	-0.01	-0.69	-1.22e-03	-2.88e-04	-2.14e-05
153	14	0.83	-0.91	-0.20	1.70e-03	4.89e-05	-4.50e-03
153	29	-0.15	3.76	-1.58	-9.89e-03	-2.21e-04	1.20e-03
153	32	0.16	-3.78	0.66	8.79e-03	-1.56e-04	-1.23e-03
153	46	0.48	-0.48	-0.32	6.28e-04	-5.23e-05	-2.58e-03

153	61	-0.08	1.98	-1.05	-5.48e-03	-2.05e-04	6.39e-04
153	64	0.08	-2.00	0.13	4.38e-03	-1.73e-04	-6.70e-04
153	70	4.10e-03	-0.01	-0.52	-8.68e-04	-2.15e-04	-1.63e-05
153	72	3.70e-03	-0.01	-0.48	-6.39e-04	-1.96e-04	-1.59e-05
153	74	3.54e-03	-0.01	-0.46	-5.48e-04	-1.89e-04	-1.57e-05
154	2	6.91e-03	-0.01	-0.74	-1.31e-03	-2.90e-04	-2.94e-05
154	14	0.84	-0.83	-0.15	1.45e-03	-2.86e-04	-4.60e-03
154	29	-0.22	3.63	-1.55	-9.39e-03	-2.53e-04	1.83e-03
154	32	0.23	-3.65	0.57	8.21e-03	-1.25e-04	-1.87e-03
154	46	0.48	-0.44	-0.31	4.77e-04	-2.45e-04	-2.63e-03
154	61	-0.11	1.91	-1.05	-5.24e-03	-2.24e-04	9.76e-04
154	64	0.12	-1.93	0.07	4.06e-03	-1.54e-04	-1.02e-03
154	70	5.18e-03	-9.18e-03	-0.56	-9.32e-04	-2.17e-04	-2.24e-05
154	72	4.75e-03	-8.92e-03	-0.51	-6.88e-04	-1.97e-04	-2.18e-05
154	74	4.57e-03	-8.82e-03	-0.49	-5.90e-04	-1.89e-04	-2.16e-05
155	2	7.76e-03	-8.85e-03	-0.76	-1.35e-03	1.21e-04	-3.26e-05
155	18	0.85	-0.84	-0.25	1.44e-03	-1.42e-04	-4.54e-03
155	29	-0.29	3.46	-1.50	-8.87e-03	-3.71e-06	2.49e-03
155	32	0.31	-3.47	0.50	7.66e-03	1.75e-04	-2.54e-03
155	50	0.49	-0.44	-0.37	4.59e-04	-4.64e-05	-2.60e-03
155	61	-0.15	1.82	-1.02	-4.97e-03	3.55e-05	1.33e-03
155	64	0.16	-1.84	0.03	3.75e-03	1.35e-04	-1.38e-03
155	70	5.83e-03	-6.75e-03	-0.57	-9.58e-04	9.19e-05	-2.49e-05
155	72	5.37e-03	-6.55e-03	-0.52	-7.09e-04	8.73e-05	-2.42e-05
155	74	5.18e-03	-6.48e-03	-0.50	-6.09e-04	8.55e-05	-2.40e-05
156	2	8.04e-03	-5.58e-03	-0.72	-1.33e-03	5.52e-04	-3.10e-05
156	18	0.87	-0.75	-0.24	1.25e-03	2.11e-04	-4.60e-03
156	29	-0.36	3.22	-1.41	-8.33e-03	2.78e-04	3.03e-03
156	32	0.37	-3.23	0.47	7.13e-03	4.65e-04	-3.08e-03
156	50	0.50	-0.39	-0.35	3.60e-04	2.78e-04	-2.63e-03
156	61	-0.19	1.70	-0.97	-4.68e-03	3.20e-04	1.62e-03
156	64	0.20	-1.71	0.02	3.48e-03	4.23e-04	-1.67e-03
156	70	6.04e-03	-4.25e-03	-0.54	-9.47e-04	4.15e-04	-2.37e-05
156	72	5.57e-03	-4.12e-03	-0.49	-7.02e-04	3.84e-04	-2.31e-05
156	74	5.38e-03	-4.07e-03	-0.47	-6.03e-04	3.72e-04	-2.29e-05
157	2	7.73e-03	-2.72e-03	-0.64	-1.26e-03	6.34e-04	-2.46e-05
157	18	0.89	-0.66	-0.22	1.09e-03	5.34e-04	-4.60e-03
157	29	-0.39	2.95	-1.31	-7.77e-03	3.40e-04	3.34e-03
157	32	0.40	-2.95	0.46	6.62e-03	5.09e-04	-3.38e-03
157	50	0.51	-0.34	-0.32	2.83e-04	4.86e-04	-2.62e-03
157	61	-0.21	1.56	-0.89	-4.38e-03	3.80e-04	1.78e-03
157	64	0.22	-1.56	0.04	3.23e-03	4.69e-04	-1.82e-03
157	70	5.81e-03	-2.07e-03	-0.48	-8.99e-04	4.77e-04	-1.88e-05
157	72	5.34e-03	-1.98e-03	-0.44	-6.67e-04	4.40e-04	-1.85e-05
157	74	5.16e-03	-1.95e-03	-0.42	-5.74e-04	4.25e-04	-1.84e-05
158	2	6.86e-03	-7.48e-04	-0.58	-1.14e-03	2.65e-05	-1.34e-05
158	18	0.90	-0.59	-0.20	9.39e-04	5.99e-04	-4.56e-03
158	29	-0.39	2.65	-1.22	-7.19e-03	-6.19e-05	3.33e-03
158	32	0.40	-2.65	0.44	6.15e-03	9.67e-05	-3.35e-03
158	50	0.51	-0.30	-0.29	2.28e-04	3.51e-04	-2.59e-03
158	61	-0.21	1.40	-0.83	-4.05e-03	-2.14e-05	1.78e-03
158	64	0.21	-1.40	0.05	3.00e-03	5.62e-05	-1.80e-03
158	70	5.14e-03	-5.54e-04	-0.44	-8.14e-04	1.98e-05	-1.03e-05
158	72	4.70e-03	-4.83e-04	-0.40	-6.05e-04	1.81e-05	-1.04e-05
158	74	4.52e-03	-4.55e-04	-0.39	-5.22e-04	1.74e-05	-1.04e-05
159	1	4.73e-03	3.38e-04	-0.51	-5.35e-04	-4.90e-04	-4.35e-06
159	2	5.87e-03	9.23e-06	-0.63	-1.20e-03	-5.98e-04	-2.35e-06
159	18	0.93	-0.54	-0.13	7.16e-04	-1.43e-04	-4.77e-03
159	29	-0.44	2.32	-1.11	-6.33e-03	-6.19e-04	3.76e-03
159	31	-0.62	2.16	-1.17	-5.94e-03	-6.76e-04	4.44e-03
159	50	0.53	-0.28	-0.26	1.02e-04	-2.54e-04	-2.70e-03
159	61	-0.23	1.23	-0.78	-3.60e-03	-5.14e-04	2.00e-03
159	63	-0.34	1.14	-0.81	-3.38e-03	-5.47e-04	2.39e-03
159	69	3.64e-03	2.60e-04	-0.39	-4.11e-04	-3.77e-04	-3.34e-06
159	70	4.40e-03	4.08e-05	-0.47	-8.57e-04	-4.49e-04	-2.01e-06
159	71	3.64e-03	2.60e-04	-0.39	-4.11e-04	-3.77e-04	-3.34e-06
159	72	4.02e-03	1.50e-04	-0.43	-6.34e-04	-4.13e-04	-2.68e-06
159	73	3.64e-03	2.60e-04	-0.39	-4.11e-04	-3.77e-04	-3.34e-06
159	74	3.87e-03	1.94e-04	-0.42	-5.45e-04	-3.98e-04	-2.94e-06
160	1	4.19e-03	4.03e-04	-0.56	-5.36e-04	-4.15e-04	-2.57e-06
160	2	5.26e-03	-1.86e-04	-0.70	-1.23e-03	-5.09e-04	5.52e-06
160	18	0.95	-0.47	-0.19	5.12e-04	-3.32e-04	-4.87e-03
160	29	-0.46	1.97	-1.08	-5.43e-03	-6.70e-04	3.90e-03
160	31	-0.64	1.82	-1.13	-5.09e-03	-6.39e-04	4.60e-03
160	50	0.54	-0.24	-0.32	-4.77e-06	-3.38e-04	-2.75e-03
160	61	-0.24	1.04	-0.79	-3.13e-03	-5.16e-04	2.07e-03
160	63	-0.35	0.96	-0.82	-2.94e-03	-4.99e-04	2.47e-03

160	69	3.23e-03	3.10e-04	-0.43	-4.13e-04	-3.19e-04	1.98e-06
160	70	3.94e-03	-8.24e-05	-0.52	-8.73e-04	-3.82e-04	3.94e-06
160	71	3.23e-03	3.10e-04	-0.43	-4.13e-04	-3.19e-04	1.98e-06
160	72	3.58e-03	1.14e-04	-0.48	-6.43e-04	-3.51e-04	2.96e-06
160	73	3.23e-03	3.10e-04	-0.43	-4.13e-04	-3.19e-04	1.98e-06
160	74	3.44e-03	1.92e-04	-0.46	-5.51e-04	-3.38e-04	2.57e-06
161	2	5.02e-03	-1.02e-03	-0.72	-1.20e-03	-2.04e-05	1.03e-05
161	18	0.93	-0.35	-0.25	3.34e-04	-6.26e-05	-4.78e-03
161	31	-0.61	1.48	-1.07	-4.22e-03	-3.26e-04	4.31e-03
161	32	0.45	-1.62	0.07	3.44e-03	3.37e-04	-3.68e-03
161	50	0.53	-0.18	-0.35	-8.73e-05	-4.52e-05	-2.70e-03
161	63	-0.33	0.79	-0.79	-2.48e-03	-1.79e-04	2.31e-03
161	64	0.24	-0.86	-0.19	1.57e-03	1.75e-04	-1.94e-03
161	70	3.75e-03	-6.92e-04	-0.54	-8.52e-04	-1.50e-05	7.61e-06
161	72	3.38e-03	-3.93e-04	-0.50	-6.24e-04	-1.28e-05	6.63e-06
161	74	3.23e-03	-2.73e-04	-0.48	-5.33e-04	-1.20e-05	6.24e-06
162	2	5.15e-03	-2.18e-03	-0.69	-1.12e-03	5.52e-04	1.20e-05
162	18	0.90	-0.25	-0.25	1.79e-04	3.89e-04	-4.71e-03
162	31	-0.53	1.19	-0.98	-3.34e-03	9.11e-05	3.57e-03
162	32	0.39	-1.31	0.02	2.58e-03	6.84e-04	-3.12e-03
162	50	0.51	-0.13	-0.35	-1.46e-04	3.78e-04	-2.66e-03
162	63	-0.28	0.63	-0.73	-1.99e-03	2.23e-04	1.90e-03
162	64	0.20	-0.70	-0.20	1.14e-03	5.39e-04	-1.64e-03
162	70	3.83e-03	-1.56e-03	-0.51	-7.93e-04	4.15e-04	9.00e-06
162	72	3.41e-03	-1.17e-03	-0.47	-5.77e-04	3.84e-04	8.34e-06
162	74	3.24e-03	-1.02e-03	-0.45	-4.91e-04	3.71e-04	8.07e-06
163	2	5.65e-03	-3.35e-03	-0.59	-9.85e-04	8.93e-04	1.06e-05
163	18	0.85	-0.21	-0.21	4.74e-05	9.59e-04	-4.73e-03
163	31	-0.38	0.96	-0.84	-2.44e-03	3.40e-04	2.43e-03
163	32	0.28	-1.07	0.01	1.76e-03	7.82e-04	-2.11e-03
163	50	0.49	-0.11	-0.29	-1.81e-04	8.05e-04	-2.69e-03
163	63	-0.20	0.52	-0.63	-1.49e-03	4.62e-04	1.29e-03
163	64	0.15	-0.58	-0.18	7.36e-04	6.96e-04	-1.11e-03
163	70	4.19e-03	-2.45e-03	-0.44	-6.98e-04	6.72e-04	8.11e-06
163	72	3.68e-03	-2.02e-03	-0.41	-5.03e-04	6.23e-04	8.08e-06
163	74	3.48e-03	-1.85e-03	-0.39	-4.25e-04	6.03e-04	8.06e-06
164	2	6.52e-03	-4.23e-03	-0.48	-7.56e-04	6.90e-04	6.06e-06
164	18	0.75	-0.18	-0.12	-4.37e-05	1.28e-03	-4.46e-03
164	32	0.12	-0.94	-8.28e-05	1.01e-03	5.14e-04	-4.51e-04
164	35	-0.36	0.86	-0.69	-1.55e-03	1.09e-04	2.02e-03
164	50	0.43	-0.09	-0.21	-1.74e-04	9.41e-04	-2.56e-03
164	64	0.06	-0.52	-0.15	3.97e-04	4.92e-04	-2.26e-04
164	67	-0.20	0.47	-0.52	-9.78e-04	2.69e-04	1.14e-03
164	70	4.82e-03	-3.13e-03	-0.36	-5.34e-04	5.21e-04	4.94e-06
164	72	4.18e-03	-2.75e-03	-0.33	-3.79e-04	4.88e-04	5.85e-06
164	74	3.93e-03	-2.59e-03	-0.32	-3.17e-04	4.75e-04	6.22e-06
165	2	9.16e-03	-4.06e-03	-0.45	1.90e-04	1.85e-03	9.60e-06
165	14	1.11	-0.10	-0.23	2.69e-04	2.50e-03	1.40e-03
165	19	-1.08	0.17	-0.42	-7.31e-05	2.01e-04	-1.34e-03
165	32	-0.05	-0.94	-0.32	1.07e-03	1.01e-03	-1.05e-03
165	46	0.64	-0.05	-0.27	2.01e-04	2.00e-03	8.17e-04
165	51	-0.62	0.09	-0.38	2.16e-05	6.72e-04	-7.78e-04
165	64	-0.03	-0.51	-0.32	6.32e-04	1.14e-03	-5.62e-04
165	70	7.01e-03	-3.00e-03	-0.34	1.42e-04	1.41e-03	7.53e-06
165	72	6.89e-03	-2.61e-03	-0.33	1.31e-04	1.34e-03	8.01e-06
165	74	6.84e-03	-2.45e-03	-0.32	1.27e-04	1.31e-03	8.20e-06
166	1	-3.65e-03	2.44e-03	-0.49	-5.01e-05	-1.13e-03	8.11e-06
166	2	-4.35e-03	2.28e-03	-0.56	4.67e-05	-1.34e-03	8.98e-06
166	7	-0.68	0.01	-0.31	-3.43e-04	-1.21e-03	4.61e-04
166	21	0.16	1.05	-0.25	-2.33e-03	-1.05e-03	-2.50e-03
166	22	0.23	-0.88	-0.56	2.09e-03	-6.33e-04	1.85e-03
166	39	-0.39	-5.37e-03	-0.35	-1.81e-04	-1.08e-03	3.06e-04
166	53	0.09	0.57	-0.32	-1.26e-03	-9.86e-04	-1.33e-03
166	54	0.13	-0.47	-0.48	1.10e-03	-7.61e-04	9.60e-04
166	69	-2.81e-03	1.87e-03	-0.38	-3.85e-05	-8.71e-04	6.24e-06
166	70	-3.27e-03	1.77e-03	-0.42	2.60e-05	-1.01e-03	6.82e-06
166	71	-2.81e-03	1.87e-03	-0.38	-3.85e-05	-8.71e-04	6.24e-06
166	72	-3.04e-03	1.82e-03	-0.40	-6.25e-06	-9.42e-04	6.53e-06
166	73	-2.81e-03	1.87e-03	-0.38	-3.85e-05	-8.71e-04	6.24e-06
166	74	-2.95e-03	1.84e-03	-0.39	-1.91e-05	-9.14e-04	6.41e-06
167	1	-3.33e-03	1.38e-03	-0.59	2.93e-05	-6.93e-04	1.25e-05
167	2	-3.98e-03	1.09e-03	-0.67	1.95e-04	-8.25e-04	1.41e-05
167	7	-0.68	0.02	-0.40	-4.37e-04	-4.88e-04	-5.54e-04
167	21	0.16	1.30	-0.35	-3.07e-03	-8.91e-04	-3.12e-03
167	22	0.23	-1.10	-0.61	2.94e-03	-3.22e-04	2.93e-03
167	39	-0.39	-6.10e-03	-0.43	-1.93e-04	-5.15e-04	-2.75e-04
167	53	0.09	0.70	-0.41	-1.60e-03	-7.39e-04	-1.64e-03

167	54	0.13	-0.58	-0.55	1.58e-03	-4.34e-04	1.55e-03
167	69	-2.56e-03	1.06e-03	-0.46	2.25e-05	-5.33e-04	9.63e-06
167	70	-2.99e-03	8.70e-04	-0.51	1.33e-04	-6.21e-04	1.07e-05
167	71	-2.56e-03	1.06e-03	-0.46	2.25e-05	-5.33e-04	9.63e-06
167	72	-2.78e-03	9.64e-04	-0.48	7.77e-05	-5.77e-04	1.01e-05
167	73	-2.56e-03	1.06e-03	-0.46	2.25e-05	-5.33e-04	9.63e-06
167	74	-2.69e-03	1.00e-03	-0.47	5.56e-05	-5.59e-04	9.94e-06
168	2	-3.60e-03	-5.07e-04	-0.72	2.90e-04	-2.80e-06	1.72e-05
168	7	-0.68	0.11	-0.42	-5.55e-04	1.41e-04	-1.69e-03
168	22	0.23	-1.40	-0.62	3.78e-03	2.37e-04	3.72e-03
168	24	-0.17	-1.60	-0.59	4.06e-03	3.81e-04	3.33e-03
168	39	-0.39	0.04	-0.46	-2.31e-04	8.34e-05	-9.08e-04
168	54	0.13	-0.74	-0.56	2.04e-03	1.22e-04	1.97e-03
168	56	-0.10	-0.86	-0.55	2.20e-03	2.05e-04	1.76e-03
168	70	-2.71e-03	-3.43e-04	-0.54	2.02e-04	-2.63e-06	1.30e-05
168	72	-2.51e-03	-1.90e-04	-0.51	1.34e-04	-4.18e-06	1.24e-05
168	74	-2.43e-03	-1.29e-04	-0.50	1.07e-04	-4.79e-06	1.21e-05
169	2	-3.23e-03	-2.32e-03	-0.68	3.34e-04	7.01e-04	1.83e-05
169	6	0.67	-0.24	-0.57	9.65e-04	4.55e-04	2.08e-03
169	7	-0.68	0.24	-0.38	-6.98e-04	4.82e-04	-2.06e-03
169	24	-0.17	-1.92	-0.52	4.93e-03	7.92e-04	3.40e-03
169	38	0.39	-0.12	-0.53	5.59e-04	4.57e-04	1.14e-03
169	39	-0.39	0.11	-0.42	-2.91e-04	4.80e-04	-1.12e-03
169	56	-0.10	-1.02	-0.50	2.67e-03	6.43e-04	1.79e-03
169	70	-2.43e-03	-1.72e-03	-0.51	2.35e-04	5.26e-04	1.39e-05
169	72	-2.25e-03	-1.50e-03	-0.49	1.63e-04	4.85e-04	1.33e-05
169	74	-2.18e-03	-1.42e-03	-0.48	1.34e-04	4.69e-04	1.30e-05
170	2	-2.86e-03	-4.15e-03	-0.59	3.26e-04	8.64e-04	1.75e-05
170	6	0.67	-0.37	-0.49	1.14e-03	9.25e-04	2.03e-03
170	7	-0.68	0.36	-0.34	-8.63e-04	2.33e-04	-2.01e-03
170	24	-0.17	-2.25	-0.44	5.78e-03	7.12e-04	3.29e-03
170	38	0.39	-0.19	-0.46	6.50e-04	7.75e-04	1.12e-03
170	39	-0.39	0.18	-0.37	-3.76e-04	3.83e-04	-1.10e-03
170	56	-0.10	-1.19	-0.43	3.12e-03	6.47e-04	1.74e-03
170	70	-2.15e-03	-3.11e-03	-0.45	2.30e-04	6.49e-04	1.33e-05
170	72	-1.98e-03	-2.84e-03	-0.42	1.64e-04	5.99e-04	1.28e-05
170	74	-1.92e-03	-2.73e-03	-0.42	1.37e-04	5.79e-04	1.26e-05
171	2	-2.49e-03	-5.80e-03	-0.53	2.78e-04	7.14e-05	1.50e-05
171	7	-0.68	0.46	-0.35	-1.05e-03	-7.71e-04	-1.55e-03
171	22	0.23	-2.39	-0.41	6.18e-03	3.83e-04	3.43e-03
171	24	-0.17	-2.56	-0.40	6.60e-03	-9.13e-05	3.08e-03
171	39	-0.39	0.23	-0.36	-4.79e-04	-4.21e-04	-8.42e-04
171	54	0.13	-1.26	-0.39	3.31e-03	2.37e-04	1.84e-03
171	56	-0.10	-1.36	-0.39	3.55e-03	-3.55e-05	1.64e-03
171	70	-1.87e-03	-4.36e-03	-0.40	1.98e-04	5.39e-05	1.14e-05
171	72	-1.72e-03	-4.05e-03	-0.38	1.44e-04	5.05e-05	1.12e-05
171	74	-1.66e-03	-3.93e-03	-0.37	1.23e-04	4.91e-05	1.10e-05
172	2	-2.06e-03	-7.38e-03	-0.57	4.13e-04	-6.21e-04	1.62e-05
172	7	-0.68	1.12	-0.43	-1.21e-03	-5.66e-04	-1.23e-03
172	8	-0.66	-0.55	-0.44	2.90e-03	-5.18e-04	7.68e-04
172	22	0.23	-2.88	-0.41	6.83e-03	-2.99e-04	3.42e-03
172	39	-0.39	0.60	-0.42	-5.34e-04	-5.01e-04	-6.61e-04
172	40	-0.38	-0.29	-0.42	1.63e-03	-4.75e-04	4.05e-04
172	54	0.13	-1.52	-0.41	3.68e-03	-3.51e-04	1.83e-03
172	70	-1.54e-03	-5.57e-03	-0.43	2.94e-04	-4.66e-04	1.23e-05
172	72	-1.41e-03	-5.23e-03	-0.41	2.17e-04	-4.30e-04	1.20e-05
172	74	-1.36e-03	-5.09e-03	-0.40	1.86e-04	-4.15e-04	1.18e-05
173	2	-1.63e-03	-9.04e-03	-0.63	4.96e-04	-5.12e-04	1.66e-05
173	7	-0.68	1.21	-0.47	-1.39e-03	-1.09e-04	-7.71e-04
173	8	-0.66	-0.64	-0.47	3.06e-03	-6.84e-05	1.07e-03
173	22	0.23	-3.19	-0.45	7.47e-03	-3.52e-04	3.04e-03
173	39	-0.39	0.64	-0.46	-6.12e-04	-2.08e-04	-4.03e-04
173	40	-0.38	-0.34	-0.46	1.74e-03	-1.86e-04	5.80e-04
173	54	0.13	-1.68	-0.45	4.04e-03	-3.51e-04	1.63e-03
173	70	-1.22e-03	-6.84e-03	-0.48	3.54e-04	-3.85e-04	1.27e-05
173	72	-1.11e-03	-6.46e-03	-0.45	2.62e-04	-3.56e-04	1.23e-05
173	74	-1.06e-03	-6.30e-03	-0.45	2.26e-04	-3.44e-04	1.21e-05
174	2	-1.21e-03	-0.01	-0.66	5.27e-04	-2.35e-05	1.63e-05
174	6	0.67	-0.74	-0.48	2.08e-03	-3.50e-04	4.64e-04
174	7	-0.68	0.73	-0.45	-1.60e-03	3.13e-04	-4.40e-04
174	24	-0.17	-3.45	-0.47	8.42e-03	1.45e-04	2.67e-03
174	38	0.39	-0.39	-0.47	1.20e-03	-2.10e-04	2.49e-04
174	39	-0.39	0.38	-0.46	-7.15e-04	1.73e-04	-2.25e-04
174	56	-0.10	-1.82	-0.47	4.56e-03	7.36e-05	1.43e-03
174	70	-9.00e-04	-8.11e-03	-0.50	3.76e-04	-1.82e-05	1.24e-05
174	72	-8.05e-04	-7.69e-03	-0.48	2.80e-04	-1.84e-05	1.20e-05
174	74	-7.66e-04	-7.52e-03	-0.46	2.42e-04	-1.85e-05	1.18e-05

175	2	-7.83e-04	-0.01	-0.64	5.05e-04	4.22e-04	1.52e-05
175	7	-0.67	0.82	-0.41	-1.83e-03	4.21e-04	-1.23e-04
175	9	0.67	1.21	-0.49	-2.67e-03	1.10e-04	-1.17e-03
175	24	-0.17	-3.66	-0.44	8.98e-03	3.73e-04	2.08e-03
175	39	-0.39	0.42	-0.43	-8.42e-04	3.61e-04	-5.51e-05
175	41	0.39	0.64	-0.47	-1.31e-03	1.82e-04	-6.28e-04
175	56	-0.10	-1.93	-0.44	4.85e-03	3.31e-04	1.12e-03
175	70	-5.78e-04	-9.33e-03	-0.48	3.61e-04	3.17e-04	1.16e-05
175	72	-5.01e-04	-8.86e-03	-0.46	2.70e-04	2.90e-04	1.12e-05
175	74	-4.69e-04	-8.68e-03	-0.45	2.34e-04	2.79e-04	1.10e-05
176	2	-3.57e-04	-0.01	-0.59	4.32e-04	4.04e-04	1.34e-05
176	7	-0.67	0.90	-0.38	-2.08e-03	-6.61e-05	1.06e-04
176	9	0.67	1.24	-0.45	-2.85e-03	5.82e-04	-1.08e-03
176	24	-0.17	-3.80	-0.40	9.53e-03	2.09e-04	1.46e-03
176	39	-0.39	0.47	-0.40	-9.91e-04	7.61e-05	6.67e-05
176	41	0.39	0.65	-0.44	-1.42e-03	4.49e-04	-5.83e-04
176	56	-0.10	-2.01	-0.41	5.12e-03	2.32e-04	7.90e-04
176	70	-2.56e-04	-0.01	-0.45	3.09e-04	3.03e-04	1.02e-05
176	72	-1.96e-04	-9.93e-03	-0.42	2.33e-04	2.78e-04	9.81e-06
176	74	-1.72e-04	-9.73e-03	-0.42	2.02e-04	2.68e-04	9.66e-06
177	1	2.07e-04	-0.01	-0.52	1.94e-04	-3.14e-04	1.08e-05
177	2	8.38e-05	-0.02	-0.58	4.05e-04	-3.80e-04	1.18e-05
177	6	0.67	-0.99	-0.39	2.65e-03	-2.71e-04	-2.26e-04
177	7	-0.67	0.97	-0.44	-2.26e-03	-7.80e-04	2.43e-04
177	24	-0.17	-3.89	-0.41	9.85e-03	-3.80e-04	1.04e-03
177	38	0.39	-0.52	-0.40	1.48e-03	4.74e-05	-1.24e-04
177	39	-0.39	0.50	-0.43	-1.10e-03	-5.56e-04	1.41e-04
177	56	-0.10	-2.06	-0.41	5.29e-03	-3.28e-04	5.61e-04
177	69	1.59e-04	-0.01	-0.40	1.49e-04	-2.41e-04	8.31e-06
177	70	7.71e-05	-0.01	-0.44	2.90e-04	-2.85e-04	8.98e-06
177	71	1.59e-04	-0.01	-0.40	1.49e-04	-2.41e-04	8.31e-06
177	72	1.18e-04	-0.01	-0.42	2.20e-04	-2.63e-04	8.64e-06
177	73	1.59e-04	-0.01	-0.40	1.49e-04	-2.41e-04	8.31e-06
177	74	1.35e-04	-0.01	-0.41	1.92e-04	-2.55e-04	8.51e-06
178	1	6.15e-04	-0.01	-0.57	2.42e-04	-5.36e-04	9.77e-06
178	2	5.51e-04	-0.02	-0.64	5.10e-04	-6.51e-04	1.09e-05
178	6	0.67	-1.05	-0.41	2.78e-03	-4.85e-04	-4.20e-04
178	7	-0.67	1.03	-0.50	-2.30e-03	-3.85e-04	4.35e-04
178	24	-0.17	-3.94	-0.46	9.76e-03	-4.13e-04	6.44e-04
178	38	0.39	-0.56	-0.43	1.57e-03	-4.64e-04	-2.32e-04
178	39	-0.39	0.53	-0.48	-1.09e-03	-4.06e-04	2.47e-04
178	56	-0.10	-2.09	-0.46	5.26e-03	-4.23e-04	3.51e-04
178	69	4.73e-04	-0.01	-0.44	1.86e-04	-4.12e-04	7.51e-06
178	70	4.31e-04	-0.01	-0.49	3.65e-04	-4.89e-04	8.26e-06
178	71	4.73e-04	-0.01	-0.44	1.86e-04	-4.12e-04	7.51e-06
178	72	4.52e-04	-0.01	-0.46	2.75e-04	-4.50e-04	7.88e-06
178	73	4.73e-04	-0.01	-0.44	1.86e-04	-4.12e-04	7.51e-06
178	74	4.60e-04	-0.01	-0.45	2.40e-04	-4.35e-04	7.73e-06
179	1	1.02e-03	-0.02	-0.61	2.66e-04	-2.37e-04	7.24e-06
179	2	1.02e-03	-0.02	-0.70	5.63e-04	-2.88e-04	8.32e-06
179	6	0.67	-1.09	-0.47	2.85e-03	-5.33e-04	-7.30e-04
179	7	-0.67	1.06	-0.51	-2.32e-03	1.48e-04	7.41e-04
179	28	-0.03	-3.95	-0.48	9.67e-03	-1.77e-04	-3.43e-04
179	38	0.39	-0.58	-0.48	1.62e-03	-3.88e-04	-4.04e-04
179	39	-0.39	0.55	-0.50	-1.10e-03	3.22e-06	4.15e-04
179	60	-0.02	-2.09	-0.49	5.23e-03	-1.83e-04	-1.89e-04
179	69	7.87e-04	-0.01	-0.47	2.04e-04	-1.82e-04	5.57e-06
179	70	7.84e-04	-0.01	-0.53	4.03e-04	-2.16e-04	6.29e-06
179	71	7.87e-04	-0.01	-0.47	2.04e-04	-1.82e-04	5.57e-06
179	72	7.85e-04	-0.01	-0.50	3.04e-04	-1.99e-04	5.93e-06
179	73	7.87e-04	-0.01	-0.47	2.04e-04	-1.82e-04	5.57e-06
179	74	7.86e-04	-0.01	-0.49	2.64e-04	-1.92e-04	5.78e-06
180	2	1.49e-03	-0.02	-0.70	5.64e-04	2.86e-04	4.13e-06
180	6	0.67	-1.07	-0.51	2.81e-03	-1.49e-04	-9.07e-04
180	9	0.67	1.25	-0.51	-2.75e-03	-1.49e-04	-7.38e-04
180	36	-0.08	-3.94	-0.48	9.68e-03	2.36e-04	4.89e-04
180	38	0.39	-0.57	-0.50	1.61e-03	-4.48e-06	-5.01e-04
180	41	0.39	0.66	-0.50	-1.33e-03	-4.19e-06	-4.11e-04
180	68	-0.05	-2.09	-0.48	5.23e-03	2.17e-04	2.78e-04
180	70	1.14e-03	-0.01	-0.53	4.03e-04	2.15e-04	3.08e-06
180	72	1.12e-03	-0.01	-0.50	3.04e-04	1.98e-04	2.78e-06
180	74	1.11e-03	-0.01	-0.49	2.64e-04	1.91e-04	2.65e-06
181	2	1.95e-03	-0.02	-0.64	5.13e-04	6.50e-04	-1.69e-06
181	6	0.67	-1.01	-0.49	2.68e-03	3.81e-04	-1.02e-03
181	9	0.67	1.28	-0.50	-2.88e-03	3.85e-04	-4.11e-04
181	32	-0.23	-3.93	-0.43	9.75e-03	4.44e-04	-3.74e-04
181	38	0.39	-0.54	-0.48	1.52e-03	4.04e-04	-5.61e-04

181	41	0.39	0.67	-0.48	-1.41e-03	4.06e-04	-2.33e-04
181	64	-0.13	-2.08	-0.44	5.26e-03	4.40e-04	-1.96e-04
181	70	1.49e-03	-0.01	-0.49	3.67e-04	4.88e-04	-1.36e-06
181	72	1.45e-03	-0.01	-0.46	2.77e-04	4.50e-04	-1.57e-06
181	74	1.44e-03	-0.01	-0.45	2.41e-04	4.35e-04	-1.65e-06
182	2	2.42e-03	-0.02	-0.58	4.09e-04	3.82e-04	-9.14e-06
182	9	0.67	1.30	-0.44	-3.07e-03	7.82e-04	-2.37e-04
182	32	-0.23	-3.87	-0.40	9.82e-03	7.24e-05	-7.30e-04
182	41	0.39	0.68	-0.43	-1.53e-03	5.58e-04	-1.40e-04
182	64	-0.13	-2.05	-0.40	5.28e-03	1.51e-04	-3.88e-04
182	70	1.84e-03	-0.01	-0.44	2.93e-04	2.87e-04	-7.05e-06
182	72	1.79e-03	-0.01	-0.42	2.22e-04	2.65e-04	-7.11e-06
182	74	1.76e-03	-0.01	-0.41	1.94e-04	2.56e-04	-7.13e-06
183	2	2.87e-03	-0.02	-0.59	4.34e-04	-4.02e-04	-1.92e-05
183	7	-0.67	0.82	-0.45	-1.89e-03	-5.81e-04	1.01e-03
183	9	0.68	1.31	-0.38	-3.03e-03	6.75e-05	-1.02e-04
183	32	-0.23	-3.78	-0.42	9.53e-03	-4.00e-04	-1.07e-03
183	39	-0.38	0.42	-0.44	-8.89e-04	-4.48e-04	5.45e-04
183	41	0.39	0.69	-0.40	-1.51e-03	-7.47e-05	-6.83e-05
183	64	-0.13	-2.00	-0.42	5.12e-03	-3.41e-04	-5.77e-04
183	70	2.18e-03	-0.01	-0.45	3.11e-04	-3.01e-04	-1.47e-05
183	72	2.10e-03	-0.01	-0.42	2.34e-04	-2.76e-04	-1.45e-05
183	74	2.07e-03	-0.01	-0.42	2.04e-04	-2.66e-04	-1.45e-05
184	2	3.30e-03	-0.01	-0.64	5.05e-04	-4.22e-04	-2.65e-05
184	7	-0.67	0.73	-0.49	-1.63e-03	-1.10e-04	1.06e-03
184	9	0.68	1.31	-0.41	-2.88e-03	-4.21e-04	1.21e-04
184	32	-0.23	-3.66	-0.46	9.01e-03	-2.78e-04	-1.65e-03
184	39	-0.38	0.37	-0.47	-7.36e-04	-1.82e-04	5.64e-04
184	41	0.39	0.69	-0.43	-1.42e-03	-3.61e-04	5.00e-05
184	64	-0.13	-1.93	-0.46	4.87e-03	-2.77e-04	-8.88e-04
184	70	2.51e-03	-0.01	-0.48	3.60e-04	-3.16e-04	-2.03e-05
184	72	2.41e-03	-9.64e-03	-0.46	2.69e-04	-2.90e-04	-2.00e-05
184	74	2.37e-03	-9.38e-03	-0.45	2.33e-04	-2.79e-04	-1.99e-05
185	2	3.73e-03	-0.01	-0.66	5.24e-04	2.34e-05	-2.98e-05
185	9	0.68	1.28	-0.45	-2.76e-03	-3.13e-04	9.62e-04
185	12	-0.67	-1.29	-0.48	3.23e-03	3.50e-04	-1.01e-03
185	32	-0.23	-3.47	-0.47	8.48e-03	6.53e-05	-2.45e-03
185	41	0.39	0.68	-0.46	-1.36e-03	-1.73e-04	5.10e-04
185	44	-0.39	-0.69	-0.47	1.83e-03	2.10e-04	-5.54e-04
185	64	-0.13	-1.83	-0.47	4.59e-03	2.13e-05	-1.32e-03
185	70	2.83e-03	-8.08e-03	-0.50	3.73e-04	1.81e-05	-2.28e-05
185	72	2.72e-03	-7.46e-03	-0.48	2.77e-04	1.83e-05	-2.24e-05
185	74	2.68e-03	-7.22e-03	-0.46	2.39e-04	1.84e-05	-2.22e-05
186	2	4.16e-03	-7.75e-03	-0.63	4.90e-04	5.12e-04	-2.89e-05
186	9	0.68	1.22	-0.47	-2.66e-03	1.09e-04	1.07e-03
186	10	0.66	-0.66	-0.47	1.85e-03	6.89e-05	-6.42e-04
186	32	-0.23	-3.22	-0.45	7.93e-03	3.54e-04	-2.95e-03
186	41	0.39	0.65	-0.46	-1.32e-03	2.08e-04	5.73e-04
186	42	0.38	-0.34	-0.46	1.06e-03	1.86e-04	-3.43e-04
186	64	-0.13	-1.70	-0.45	4.29e-03	3.52e-04	-1.59e-03
186	70	3.16e-03	-5.78e-03	-0.48	3.49e-04	3.85e-04	-2.21e-05
186	72	3.03e-03	-5.21e-03	-0.45	2.57e-04	3.56e-04	-2.17e-05
186	74	2.98e-03	-4.97e-03	-0.44	2.21e-04	3.44e-04	-2.15e-05
187	2	4.60e-03	-5.04e-03	-0.57	4.04e-04	6.23e-04	-2.38e-05
187	9	0.68	1.15	-0.43	-2.59e-03	5.66e-04	1.30e-03
187	10	0.66	-0.56	-0.44	1.59e-03	5.20e-04	-5.96e-04
187	32	-0.23	-2.94	-0.41	7.36e-03	3.02e-04	-3.29e-03
187	41	0.39	0.61	-0.42	-1.30e-03	5.02e-04	7.00e-04
187	42	0.38	-0.29	-0.42	9.05e-04	4.77e-04	-3.11e-04
187	64	-0.13	-1.55	-0.41	3.97e-03	3.54e-04	-1.77e-03
187	70	3.49e-03	-3.71e-03	-0.43	2.87e-04	4.68e-04	-1.82e-05
187	72	3.34e-03	-3.17e-03	-0.41	2.10e-04	4.32e-04	-1.79e-05
187	74	3.28e-03	-2.96e-03	-0.40	1.79e-04	4.17e-04	-1.77e-05
188	2	5.03e-03	-3.06e-03	-0.53	2.67e-04	-6.59e-05	-1.46e-05
188	9	0.68	1.06	-0.35	-2.55e-03	7.73e-04	1.56e-03
188	32	-0.23	-2.64	-0.40	6.77e-03	-3.76e-04	-3.34e-03
188	41	0.39	0.57	-0.36	-1.31e-03	4.24e-04	8.49e-04
188	64	-0.13	-1.40	-0.39	3.63e-03	-2.31e-04	-1.79e-03
188	70	3.82e-03	-2.19e-03	-0.40	1.89e-04	-4.96e-05	-1.12e-05
188	72	3.65e-03	-1.68e-03	-0.38	1.35e-04	-4.63e-05	-1.10e-05
188	74	3.58e-03	-1.48e-03	-0.37	1.13e-04	-4.49e-05	-1.09e-05
189	2	5.41e-03	-1.92e-03	-0.59	3.06e-04	-8.57e-04	-8.36e-06
189	9	0.68	0.99	-0.34	-2.21e-03	-2.31e-04	1.96e-03
189	12	-0.67	-0.99	-0.49	2.45e-03	-9.16e-04	-1.97e-03
189	32	-0.23	-2.34	-0.48	5.90e-03	-8.69e-04	-3.79e-03
189	41	0.39	0.54	-0.37	-1.13e-03	-3.80e-04	1.07e-03
189	44	-0.38	-0.54	-0.46	1.37e-03	-7.67e-04	-1.09e-03

189	64	-0.13	-1.24	-0.45	3.18e-03	-7.34e-04	-2.03e-03
189	70	4.10e-03	-1.33e-03	-0.45	2.15e-04	-6.44e-04	-6.34e-06
189	72	3.92e-03	-8.41e-04	-0.42	1.48e-04	-5.94e-04	-6.04e-06
189	74	3.85e-03	-6.46e-04	-0.41	1.21e-04	-5.74e-04	-5.92e-06
190	2	5.79e-03	-1.33e-03	-0.68	3.06e-04	-6.94e-04	-3.63e-06
190	4	4.59e-03	-1.34e-03	-0.54	2.85e-04	-4.76e-04	-3.05e-06
190	9	0.68	0.21	-0.38	-1.88e-03	-4.78e-04	1.96e-03
190	12	-0.67	-0.21	-0.56	2.10e-03	-4.47e-04	-1.96e-03
190	30	0.17	-2.02	-0.52	4.65e-03	-7.80e-04	-3.42e-03
190	41	0.39	0.09	-0.42	-9.56e-04	-4.76e-04	1.07e-03
190	44	-0.38	-0.10	-0.52	1.18e-03	-4.50e-04	-1.07e-03
190	62	0.10	-1.07	-0.50	2.50e-03	-6.34e-04	-1.81e-03
190	70	4.39e-03	-8.85e-04	-0.51	2.13e-04	-5.21e-04	-2.68e-06
190	72	4.19e-03	-4.31e-04	-0.48	1.40e-04	-4.79e-04	-2.32e-06
190	74	4.11e-03	-2.49e-04	-0.47	1.11e-04	-4.63e-04	-2.18e-06
191	2	6.17e-03	-1.16e-03	-0.71	2.54e-04	8.33e-06	0.0
191	4	4.89e-03	-1.18e-03	-0.57	2.43e-04	5.15e-06	0.0
191	9	0.68	0.08	-0.42	-1.57e-03	-1.37e-04	1.58e-03
191	30	0.17	-1.70	-0.58	3.78e-03	-3.71e-04	-3.39e-03
191	32	-0.23	-1.46	-0.61	4.07e-03	-2.27e-04	-3.70e-03
191	41	0.39	0.02	-0.45	-8.08e-04	-7.92e-05	8.49e-04
191	62	0.10	-0.91	-0.54	2.03e-03	-1.97e-04	-1.79e-03
191	64	-0.13	-0.77	-0.56	2.19e-03	-1.14e-04	-1.96e-03
191	70	4.68e-03	-7.60e-04	-0.54	1.74e-04	6.96e-06	0.0
191	72	4.46e-03	-3.43e-04	-0.51	1.05e-04	8.77e-06	0.0
191	74	4.38e-03	-1.76e-04	-0.50	7.78e-05	9.49e-06	0.0
192	2	6.55e-03	-1.27e-03	-0.67	1.49e-04	8.28e-04	2.11e-06
192	9	0.68	8.69e-04	-0.40	-1.29e-03	4.93e-04	1.37e-03
192	30	0.17	-1.39	-0.59	2.88e-03	2.36e-04	-2.94e-03
192	32	-0.23	-1.16	-0.61	3.13e-03	3.28e-04	-3.21e-03
192	41	0.39	-0.02	-0.43	-6.85e-04	5.19e-04	7.44e-04
192	62	0.10	-0.75	-0.53	1.53e-03	3.86e-04	-1.54e-03
192	64	-0.13	-0.62	-0.54	1.67e-03	4.39e-04	-1.70e-03
192	70	4.97e-03	-8.57e-04	-0.51	9.79e-05	6.23e-04	1.70e-06
192	72	4.73e-03	-4.72e-04	-0.48	4.25e-05	5.80e-04	1.98e-06
192	74	4.64e-03	-3.18e-04	-0.47	2.04e-05	5.62e-04	2.09e-06
193	2	6.93e-03	-1.55e-03	-0.55	-6.98e-06	1.34e-03	3.12e-06
193	9	0.68	6.32e-03	-0.31	-1.03e-03	1.21e-03	-5.95e-04
193	30	0.17	-1.13	-0.53	1.97e-03	7.77e-04	-2.60e-03
193	32	-0.23	-0.95	-0.56	2.17e-03	6.34e-04	-1.84e-03
193	41	0.39	-0.01	-0.35	-5.90e-04	1.08e-03	-3.81e-04
193	62	0.10	-0.61	-0.47	1.02e-03	8.44e-04	-1.39e-03
193	64	-0.13	-0.51	-0.48	1.13e-03	7.62e-04	-9.50e-04
193	70	5.25e-03	-1.08e-03	-0.42	-1.54e-05	1.01e-03	2.44e-06
193	72	5.00e-03	-7.13e-04	-0.40	-4.78e-05	9.41e-04	2.56e-06
193	74	4.90e-03	-5.67e-04	-0.39	-6.08e-05	9.13e-04	2.61e-06
194	2	9.57e-03	-3.17e-03	-0.52	-2.94e-04	1.84e-03	-1.65e-06
194	14	1.73	-0.10	-0.23	-1.42e-04	3.18e-03	9.13e-04
194	19	-1.72	0.17	-0.52	-2.36e-04	-4.91e-04	-9.35e-04
194	32	-0.24	-0.94	-0.33	-1.76e-04	9.73e-04	-8.05e-04
194	46	1.00	-0.05	-0.29	-1.62e-04	2.40e-03	5.30e-04
194	51	-0.99	0.09	-0.46	-2.16e-04	2.84e-04	-5.44e-04
194	64	-0.14	-0.51	-0.35	-1.81e-04	1.13e-03	-4.54e-04
194	70	7.27e-03	-2.33e-03	-0.40	-2.20e-04	1.40e-03	-1.38e-06
194	72	7.00e-03	-1.96e-03	-0.38	-1.97e-04	1.36e-03	-1.73e-06
194	74	6.89e-03	-1.81e-03	-0.37	-1.89e-04	1.34e-03	-1.87e-06
195	2	6.96e-03	-2.23e-03	-0.48	4.08e-05	4.08e-03	2.46e-06
195	5	1.91	0.36	-0.21	-4.51e-04	3.35e-03	-1.82e-04
195	12	-1.90	-0.44	-0.47	5.81e-04	-8.48e-04	1.12e-04
195	32	-0.62	-0.94	-0.40	1.27e-03	5.72e-04	-1.49e-03
195	37	1.10	0.20	-0.27	-2.37e-04	2.47e-03	-1.28e-04
195	44	-1.09	-0.24	-0.41	3.31e-04	5.20e-05	9.18e-05
195	64	-0.36	-0.51	-0.37	6.93e-04	8.69e-04	-7.75e-04
195	70	5.29e-03	-1.61e-03	-0.36	3.04e-05	1.36e-03	1.91e-06
195	72	5.07e-03	-1.25e-03	-0.35	2.73e-05	1.30e-03	1.96e-06
195	74	4.98e-03	-1.10e-03	-0.34	2.60e-05	1.27e-03	1.97e-06
196	2	9.68e-03	-2.83e-03	-0.49	4.23e-05	1.88e-03	-3.35e-06
196	17	1.74	0.36	-0.22	-9.99e-06	3.25e-03	-8.25e-04
196	20	-1.73	-0.36	-0.48	6.05e-05	-5.47e-04	8.20e-04
196	32	-0.52	-0.94	-0.43	3.39e-04	9.01e-04	-8.65e-04
196	49	1.01	0.20	-0.28	8.39e-06	2.45e-03	-4.83e-04
196	52	-0.99	-0.20	-0.43	4.21e-05	2.57e-04	4.78e-04
196	64	-0.29	-0.51	-0.39	1.94e-04	1.09e-03	-4.80e-04
196	70	7.35e-03	-2.06e-03	-0.37	3.12e-05	1.43e-03	-2.55e-06
196	72	7.04e-03	-1.70e-03	-0.36	2.69e-05	1.37e-03	-2.48e-06
196	74	6.92e-03	-1.55e-03	-0.35	2.52e-05	1.35e-03	-2.45e-06
197	2	8.99e-03	-2.68e-03	-0.50	2.65e-05	1.79e-03	-9.05e-06

197	17	1.66	0.36	-0.23	1.85e-04	3.10e-03	-1.78e-03
197	20	-1.65	-0.36	-0.48	-1.56e-04	-5.06e-04	1.77e-03
197	32	-0.54	-0.94	-0.42	-3.50e-04	8.18e-04	3.56e-05
197	49	0.96	0.20	-0.28	1.08e-04	2.34e-03	-1.02e-03
197	52	-0.95	-0.20	-0.43	-7.84e-05	2.58e-04	1.01e-03
197	64	-0.31	-0.51	-0.39	-1.79e-04	1.02e-03	-1.21e-05
197	70	6.83e-03	-1.95e-03	-0.38	1.93e-05	1.36e-03	-6.89e-06
197	72	6.54e-03	-1.58e-03	-0.36	1.59e-05	1.32e-03	-6.63e-06
197	74	6.42e-03	-1.44e-03	-0.35	1.46e-05	1.30e-03	-6.53e-06
198	2	0.01	-3.73e-03	-0.52	3.57e-04	1.82e-03	0.0
198	14	1.34	-0.10	-0.29	4.82e-05	2.77e-03	1.96e-03
198	20	-1.31	-0.36	-0.49	2.71e-04	-9.80e-05	-1.79e-03
198	32	-0.31	-0.94	-0.46	0.0	9.71e-04	-2.63e-04
198	46	0.78	-0.05	-0.32	1.30e-04	2.16e-03	1.13e-03
198	52	-0.75	-0.20	-0.44	2.59e-04	5.07e-04	-1.04e-03
198	64	-0.17	-0.51	-0.42	1.11e-04	1.12e-03	-1.65e-04
198	70	7.93e-03	-2.75e-03	-0.40	2.68e-04	1.39e-03	0.0
198	72	7.78e-03	-2.37e-03	-0.38	2.45e-04	1.35e-03	0.0
198	74	7.72e-03	-2.21e-03	-0.37	2.35e-04	1.33e-03	0.0
199	2	7.13e-03	-2.38e-03	-0.48	-1.23e-04	1.76e-03	-5.70e-06
199	10	1.89	-0.10	-0.21	-8.60e-05	3.26e-03	1.20e-03
199	11	-1.88	0.10	-0.48	-7.54e-05	-7.30e-04	-1.21e-03
199	32	-0.46	-0.94	-0.34	6.62e-05	5.95e-04	-5.22e-04
199	42	1.09	-0.05	-0.27	-8.50e-05	2.41e-03	6.92e-04
199	43	-1.08	0.05	-0.42	-7.64e-05	1.17e-04	-7.00e-04
199	64	-0.26	-0.51	-0.34	-1.58e-06	8.79e-04	-2.98e-04
199	70	5.42e-03	-1.72e-03	-0.37	-9.18e-05	1.34e-03	-4.31e-06
199	72	5.19e-03	-1.36e-03	-0.35	-8.39e-05	1.28e-03	-4.08e-06
199	74	5.09e-03	-1.21e-03	-0.34	-8.07e-05	1.26e-03	-3.98e-06
200	2	8.37e-03	-4.12e-03	-0.44	1.43e-04	1.41e-03	6.42e-06
200	14	0.90	-0.10	-0.21	9.62e-05	2.03e-03	2.81e-03
200	19	-0.88	0.17	-0.42	8.74e-05	-5.41e-06	-2.73e-03
200	32	-8.80e-03	-0.94	-0.25	4.93e-04	9.40e-04	-9.24e-05
200	46	0.52	-0.05	-0.25	9.34e-05	1.60e-03	1.62e-03
200	51	-0.51	0.09	-0.38	9.76e-05	4.25e-04	-1.56e-03
200	64	-6.70e-03	-0.52	-0.28	3.08e-04	9.68e-04	-6.40e-05
200	70	6.37e-03	-3.05e-03	-0.33	1.08e-04	1.07e-03	5.38e-06
200	72	6.14e-03	-2.66e-03	-0.32	1.02e-04	1.03e-03	6.81e-06
200	74	6.05e-03	-2.50e-03	-0.31	9.97e-05	1.01e-03	7.39e-06
201	2	0.01	-3.55e-03	-0.55	1.27e-04	1.77e-03	-2.85e-06
201	14	1.49	-0.10	-0.28	7.96e-05	2.88e-03	2.07e-03
201	20	-1.41	-0.36	-0.51	-2.39e-04	-2.48e-04	-1.75e-03
201	32	-0.20	-0.94	-0.43	-4.74e-04	9.16e-04	-4.23e-05
201	46	0.86	-0.05	-0.33	8.85e-05	2.22e-03	1.19e-03
201	52	-0.81	-0.20	-0.46	-9.41e-05	4.11e-04	-1.02e-03
201	64	-0.11	-0.51	-0.41	-2.11e-04	1.08e-03	-5.49e-05
201	70	7.79e-03	-2.61e-03	-0.42	9.57e-05	1.36e-03	-2.32e-06
201	72	7.61e-03	-2.23e-03	-0.40	8.90e-05	1.32e-03	-2.75e-06
201	74	7.53e-03	-2.08e-03	-0.39	8.63e-05	1.31e-03	-2.92e-06
202	2	9.59e-03	-2.99e-03	-0.50	-1.82e-04	1.95e-03	2.71e-06
202	14	1.76	-0.10	-0.22	1.62e-05	3.37e-03	-1.17e-04
202	19	-1.75	0.17	-0.49	-3.17e-04	-5.82e-04	1.73e-04
202	32	-0.34	-0.94	-0.35	8.60e-04	9.75e-04	-1.70e-03
202	46	1.02	-0.05	-0.28	-4.91e-05	2.53e-03	-4.85e-05
202	51	-1.00	0.09	-0.43	-2.22e-04	2.53e-04	8.04e-05
202	64	-0.19	-0.51	-0.35	4.08e-04	1.15e-03	-9.10e-04
202	70	7.29e-03	-2.18e-03	-0.38	-1.36e-04	1.48e-03	2.03e-06
202	72	6.98e-03	-1.82e-03	-0.36	-1.23e-04	1.42e-03	1.83e-06
202	74	6.86e-03	-1.67e-03	-0.35	-1.18e-04	1.39e-03	1.75e-06
203	2	7.80e-03	-4.17e-03	-0.42	1.43e-04	1.03e-03	5.24e-06
203	18	0.65	-0.18	-0.19	3.30e-04	1.62e-03	2.82e-03
203	32	-0.01	-0.94	-0.20	6.07e-04	7.11e-04	-4.04e-05
203	35	-0.27	0.86	-0.44	-3.98e-04	3.62e-04	-1.25e-03
203	50	0.38	-0.09	-0.24	2.28e-04	1.24e-03	1.62e-03
203	64	-5.66e-03	-0.52	-0.25	3.72e-04	7.16e-04	-3.46e-05
203	67	-0.15	0.47	-0.38	-1.63e-04	5.21e-04	-7.02e-04
203	70	5.88e-03	-3.09e-03	-0.32	1.09e-04	7.78e-04	4.52e-06
203	72	5.49e-03	-2.70e-03	-0.31	1.06e-04	7.44e-04	6.10e-06
203	74	5.33e-03	-2.55e-03	-0.30	1.05e-04	7.30e-04	6.73e-06
204	2	7.12e-03	-1.94e-03	-0.45	-3.41e-04	1.16e-03	0.0
204	6	0.83	-0.03	-0.25	2.88e-05	1.81e-03	-3.62e-03
204	32	-0.21	-0.94	-0.44	9.97e-05	4.47e-04	1.29e-03
204	38	0.48	-0.01	-0.28	-8.76e-05	1.39e-03	-2.09e-03
204	44	-0.46	-0.24	-0.38	-2.78e-04	2.46e-04	2.15e-03
204	64	-0.12	-0.51	-0.38	-6.05e-05	6.14e-04	7.36e-04
204	70	5.40e-03	-1.38e-03	-0.34	-2.58e-04	8.80e-04	0.0
204	72	5.15e-03	-1.02e-03	-0.33	-2.44e-04	8.45e-04	0.0

204	74	5.05e-03	-8.73e-04	-0.32	-2.39e-04	8.31e-04	0.0
205	2	7.09e-03	-2.01e-03	-0.48	-2.28e-04	1.24e-03	0.0
205	5	1.13	0.36	-0.23	2.99e-05	2.16e-03	-4.28e-03
205	12	-1.12	-0.44	-0.46	-3.62e-04	-3.51e-04	4.30e-03
205	32	-0.38	-0.94	-0.45	-3.17e-04	4.62e-04	1.84e-03
205	37	0.65	0.20	-0.28	-5.09e-05	1.62e-03	-2.45e-03
205	44	-0.64	-0.24	-0.41	-2.75e-04	1.84e-04	2.46e-03
205	64	-0.21	-0.51	-0.40	-2.49e-04	6.53e-04	1.03e-03
205	70	5.38e-03	-1.44e-03	-0.36	-1.72e-04	9.44e-04	0.0
205	72	5.14e-03	-1.07e-03	-0.35	-1.63e-04	9.16e-04	0.0
205	74	5.05e-03	-9.30e-04	-0.34	-1.59e-04	9.05e-04	0.0
206	2	7.98e-03	-2.53e-03	-0.50	-7.86e-05	1.75e-03	-9.84e-06
206	10	1.76	-0.10	-0.23	-2.95e-04	3.19e-03	2.22e-03
206	11	-1.75	0.10	-0.48	1.88e-04	-6.54e-04	-2.24e-03
206	32	-0.45	-0.94	-0.37	-4.71e-04	7.60e-04	1.66e-04
206	42	1.02	-0.05	-0.28	-1.87e-04	2.38e-03	1.27e-03
206	43	-1.01	0.05	-0.43	8.10e-05	1.63e-04	-1.28e-03
206	64	-0.26	-0.51	-0.36	-2.75e-04	9.76e-04	5.80e-05
206	70	6.06e-03	-1.83e-03	-0.38	-5.92e-05	1.33e-03	-7.47e-06
206	72	5.80e-03	-1.47e-03	-0.36	-5.49e-05	1.29e-03	-7.17e-06
206	74	5.69e-03	-1.33e-03	-0.35	-5.32e-05	1.27e-03	-7.04e-06
207	2	7.12e-03	-2.08e-03	-0.49	-2.57e-05	1.37e-03	0.0
207	9	1.49	0.43	-0.22	1.80e-04	2.53e-03	-3.83e-03
207	12	-1.48	-0.44	-0.48	-2.27e-04	-5.24e-04	3.83e-03
207	32	-0.54	-0.94	-0.48	-2.08e-04	4.85e-04	1.58e-03
207	41	0.86	0.24	-0.28	9.23e-05	1.88e-03	-2.20e-03
207	44	-0.85	-0.24	-0.43	-1.39e-04	1.26e-04	2.20e-03
207	64	-0.30	-0.51	-0.42	-1.27e-04	7.07e-04	8.91e-04
207	70	5.41e-03	-1.49e-03	-0.37	-2.05e-05	1.05e-03	0.0
207	72	5.18e-03	-1.13e-03	-0.36	-2.27e-05	1.02e-03	0.0
207	74	5.09e-03	-9.88e-04	-0.35	-2.35e-05	1.00e-03	0.0
208	2	9.86e-03	-3.36e-03	-0.55	-1.41e-04	1.78e-03	-3.50e-06
208	14	1.63	-0.10	-0.26	-9.87e-05	3.02e-03	1.74e-03
208	19	-1.61	0.17	-0.52	-4.23e-05	-3.80e-04	-1.77e-03
208	32	-0.21	-0.94	-0.37	-5.65e-04	1.00e-03	-1.74e-04
208	46	0.94	-0.05	-0.31	-8.89e-05	2.29e-03	9.98e-04
208	51	-0.93	0.09	-0.46	-6.82e-05	3.37e-04	-1.02e-03
208	64	-0.12	-0.51	-0.38	-3.41e-04	1.13e-03	-1.22e-04
208	70	7.51e-03	-2.47e-03	-0.42	-1.05e-04	1.36e-03	-2.83e-06
208	72	7.28e-03	-2.09e-03	-0.40	-9.26e-05	1.33e-03	-3.25e-06
208	74	7.18e-03	-1.94e-03	-0.39	-8.78e-05	1.31e-03	-3.43e-06
209	2	7.11e-03	-2.16e-03	-0.49	1.14e-04	1.56e-03	0.0
209	9	1.78	0.43	-0.21	1.16e-04	2.94e-03	-2.36e-03
209	12	-1.77	-0.44	-0.49	2.56e-05	-6.92e-04	2.36e-03
209	32	-0.64	-0.94	-0.47	3.42e-04	5.22e-04	3.74e-04
209	41	1.03	0.24	-0.27	1.01e-04	2.17e-03	-1.36e-03
209	44	-1.02	-0.24	-0.43	3.97e-05	8.02e-05	1.36e-03
209	64	-0.36	-0.51	-0.42	2.13e-04	7.79e-04	2.28e-04
209	70	5.40e-03	-1.55e-03	-0.37	8.46e-05	1.19e-03	0.0
209	72	5.18e-03	-1.19e-03	-0.35	7.46e-05	1.14e-03	0.0
209	74	5.10e-03	-1.05e-03	-0.35	7.06e-05	1.13e-03	0.0
210	2	0.01	-3.92e-03	-0.48	3.97e-04	1.92e-03	5.97e-06
210	14	1.21	-0.10	-0.27	3.02e-04	2.70e-03	1.34e-03
210	20	-1.17	-0.36	-0.46	4.77e-04	6.99e-05	-1.63e-03
210	32	-0.28	-0.94	-0.43	7.75e-04	1.04e-03	-9.36e-04
210	46	0.70	-0.05	-0.30	2.81e-04	2.14e-03	7.83e-04
210	52	-0.67	-0.20	-0.41	3.79e-04	6.23e-04	-9.33e-04
210	64	-0.16	-0.51	-0.39	5.37e-04	1.18e-03	-5.12e-04
210	70	7.71e-03	-2.89e-03	-0.37	2.97e-04	1.46e-03	4.54e-06
210	72	7.59e-03	-2.50e-03	-0.35	2.71e-04	1.40e-03	4.36e-06
210	74	7.54e-03	-2.35e-03	-0.34	2.61e-04	1.38e-03	4.29e-06
211	1	-3.73e-03	2.97e-03	-0.39	2.04e-04	-9.81e-04	2.08e-06
211	2	-4.49e-03	2.85e-03	-0.47	6.39e-04	-1.14e-03	1.92e-06
211	7	-1.06	0.09	-0.12	7.72e-05	-1.63e-03	-5.91e-03
211	21	0.17	0.87	7.77e-03	-1.35e-03	-6.48e-04	7.33e-04
211	22	0.44	-0.77	-0.70	1.67e-03	-4.39e-04	2.64e-03
211	39	-0.61	0.05	-0.21	1.62e-04	-1.27e-03	-3.39e-03
211	53	0.10	0.47	-0.14	-6.23e-04	-7.02e-04	4.69e-04
211	54	0.24	-0.42	-0.52	1.01e-03	-5.91e-04	1.48e-03
211	69	-2.87e-03	2.28e-03	-0.30	1.57e-04	-7.54e-04	1.60e-06
211	70	-3.37e-03	2.21e-03	-0.36	4.47e-04	-8.60e-04	1.49e-06
211	71	-2.87e-03	2.28e-03	-0.30	1.57e-04	-7.54e-04	1.60e-06
211	72	-3.12e-03	2.25e-03	-0.33	3.02e-04	-8.07e-04	1.55e-06
211	73	-2.87e-03	2.28e-03	-0.30	1.57e-04	-7.54e-04	1.60e-06
211	74	-3.02e-03	2.26e-03	-0.32	2.44e-04	-7.86e-04	1.57e-06
212	1	-2.68e-03	2.44e-03	-0.52	3.25e-04	-1.13e-03	8.11e-06
212	2	-3.27e-03	2.28e-03	-0.64	8.83e-04	-1.34e-03	8.98e-06

212	7	-1.13	0.01	-0.23	3.65e-05	-1.21e-03	-6.01e-03
212	21	0.01	1.05	-0.02	-1.99e-03	-1.05e-03	-7.31e-04
212	22	0.61	-0.88	-0.87	2.50e-03	-6.33e-04	3.93e-03
212	39	-0.65	-5.37e-03	-0.32	1.99e-04	-1.08e-03	-3.43e-03
212	53	0.02	0.57	-0.21	-8.93e-04	-9.86e-04	-3.04e-04
212	54	0.33	-0.47	-0.66	1.50e-03	-7.61e-04	2.16e-03
212	69	-2.06e-03	1.87e-03	-0.40	2.50e-04	-8.71e-04	6.24e-06
212	70	-2.45e-03	1.77e-03	-0.48	6.22e-04	-1.01e-03	6.82e-06
212	71	-2.06e-03	1.87e-03	-0.40	2.50e-04	-8.71e-04	6.24e-06
212	72	-2.26e-03	1.82e-03	-0.44	4.36e-04	-9.42e-04	6.53e-06
212	73	-2.06e-03	1.87e-03	-0.40	2.50e-04	-8.71e-04	6.24e-06
212	74	-2.18e-03	1.84e-03	-0.43	3.62e-04	-9.14e-04	6.41e-06
213	1	-1.83e-03	1.38e-03	-0.63	4.05e-04	-6.93e-04	1.25e-05
213	2	-2.29e-03	1.09e-03	-0.77	1.03e-03	-8.25e-04	1.41e-05
213	7	-1.15	0.02	-0.29	-5.63e-05	-4.88e-04	-5.67e-03
213	21	-0.10	1.30	-0.04	-2.72e-03	-8.91e-04	-1.82e-03
213	22	0.71	-1.10	-1.03	3.34e-03	-3.22e-04	4.66e-03
213	39	-0.65	-6.10e-03	-0.40	1.87e-04	-5.15e-04	-3.21e-03
213	53	-0.04	0.70	-0.26	-1.24e-03	-7.39e-04	-8.85e-04
213	54	0.39	-0.58	-0.79	1.97e-03	-4.34e-04	2.53e-03
213	69	-1.41e-03	1.06e-03	-0.48	3.11e-04	-5.33e-04	9.63e-06
213	70	-1.71e-03	8.70e-04	-0.58	7.29e-04	-6.21e-04	1.07e-05
213	71	-1.41e-03	1.06e-03	-0.48	3.11e-04	-5.33e-04	9.63e-06
213	72	-1.56e-03	9.64e-04	-0.53	5.20e-04	-5.77e-04	1.01e-05
213	73	-1.41e-03	1.06e-03	-0.48	3.11e-04	-5.33e-04	9.63e-06
213	74	-1.50e-03	1.00e-03	-0.51	4.36e-04	-5.59e-04	9.94e-06
214	2	-1.54e-03	-5.07e-04	-0.83	1.13e-03	-2.80e-06	1.72e-05
214	7	-1.17	0.11	-0.30	-1.75e-04	1.41e-04	-5.64e-03
214	22	0.77	-1.40	-1.13	4.18e-03	2.37e-04	5.15e-03
214	24	0.16	-1.60	-1.08	4.48e-03	3.81e-04	2.44e-03
214	39	-0.67	0.04	-0.41	1.50e-04	8.34e-05	-3.19e-03
214	54	0.42	-0.74	-0.86	2.44e-03	1.22e-04	2.79e-03
214	56	0.07	-0.86	-0.83	2.60e-03	2.05e-04	1.24e-03
214	70	-1.15e-03	-3.43e-04	-0.62	7.98e-04	-2.63e-06	1.30e-05
214	72	-1.02e-03	-1.90e-04	-0.57	5.76e-04	-4.18e-06	1.24e-05
214	74	-9.75e-04	-1.29e-04	-0.55	4.87e-04	-4.79e-06	1.21e-05
215	2	-1.03e-03	-2.32e-03	-0.79	1.17e-03	7.01e-04	1.83e-05
215	7	-1.18	0.24	-0.24	-3.18e-04	4.82e-04	-5.65e-03
215	22	0.80	-1.74	-1.18	5.01e-03	7.31e-04	5.37e-03
215	24	0.18	-1.92	-1.12	5.35e-03	7.92e-04	2.70e-03
215	39	-0.67	0.11	-0.37	8.88e-05	4.80e-04	-3.19e-03
215	54	0.44	-0.92	-0.87	2.88e-03	6.08e-04	2.92e-03
215	56	0.08	-1.02	-0.84	3.07e-03	6.43e-04	1.38e-03
215	70	-7.63e-04	-1.72e-03	-0.59	8.31e-04	5.26e-04	1.39e-05
215	72	-6.54e-04	-1.50e-03	-0.55	6.05e-04	4.85e-04	1.33e-05
215	74	-6.11e-04	-1.42e-03	-0.53	5.15e-04	4.69e-04	1.30e-05
216	2	-7.64e-04	-4.15e-03	-0.70	1.16e-03	8.64e-04	1.75e-05
216	7	-1.18	0.36	-0.16	-4.83e-04	2.33e-04	-5.69e-03
216	22	0.79	-2.08	-1.20	5.81e-03	8.80e-04	5.32e-03
216	24	0.17	-2.25	-1.13	6.20e-03	7.12e-04	2.62e-03
216	39	-0.67	0.18	-0.30	4.64e-06	3.83e-04	-3.22e-03
216	54	0.43	-1.10	-0.85	3.31e-03	7.44e-04	2.91e-03
216	56	0.08	-1.19	-0.82	3.52e-03	6.47e-04	1.35e-03
216	70	-5.55e-04	-3.11e-03	-0.53	8.26e-04	6.49e-04	1.33e-05
216	72	-4.47e-04	-2.84e-03	-0.48	6.06e-04	5.99e-04	1.28e-05
216	74	-4.04e-04	-2.73e-03	-0.47	5.18e-04	5.79e-04	1.26e-05
217	2	-6.92e-04	-5.80e-03	-0.64	1.11e-03	7.14e-05	1.50e-05
217	7	-1.16	0.46	-0.10	-6.67e-04	-7.71e-04	-5.59e-03
217	22	0.75	-2.39	-1.23	6.59e-03	3.83e-04	5.00e-03
217	24	0.13	-2.56	-1.18	7.02e-03	-9.13e-05	2.29e-03
217	39	-0.66	0.23	-0.25	-9.77e-05	-4.21e-04	-3.17e-03
217	54	0.41	-1.26	-0.85	3.71e-03	2.37e-04	2.74e-03
217	56	0.06	-1.36	-0.82	3.95e-03	-3.55e-05	1.18e-03
217	70	-4.96e-04	-4.36e-03	-0.48	7.94e-04	5.39e-05	1.14e-05
217	72	-3.79e-04	-4.05e-03	-0.44	5.87e-04	5.05e-05	1.12e-05
217	74	-3.32e-04	-3.93e-03	-0.42	5.04e-04	4.91e-05	1.10e-05
218	2	-1.22e-04	-7.38e-03	-0.69	1.25e-03	-6.21e-04	1.62e-05
218	4	-1.56e-04	-5.91e-03	-0.56	1.12e-03	-5.03e-04	1.27e-05
218	6	1.16	-1.13	-0.62	1.96e-03	-2.65e-04	5.77e-03
218	22	0.76	-2.88	-1.27	7.24e-03	-2.99e-04	5.15e-03
218	24	0.15	-2.70	-1.33	7.65e-03	-3.75e-04	2.38e-03
218	38	0.66	-0.61	-0.54	1.29e-03	-3.30e-04	3.28e-03
218	54	0.42	-1.52	-0.89	4.08e-03	-3.51e-04	2.83e-03
218	56	0.07	-1.43	-0.92	4.30e-03	-3.95e-04	1.23e-03
218	69	1.15e-04	-4.88e-03	-0.43	4.29e-04	-3.93e-04	1.16e-05
218	70	-6.57e-05	-5.57e-03	-0.52	8.90e-04	-4.66e-04	1.23e-05
218	71	1.15e-04	-4.88e-03	-0.43	4.29e-04	-3.93e-04	1.16e-05

218	72	2.47e-05	-5.23e-03	-0.48	6.59e-04	-4.30e-04	1.20e-05
218	73	1.15e-04	-4.88e-03	-0.43	4.29e-04	-3.93e-04	1.16e-05
218	74	6.08e-05	-5.09e-03	-0.46	5.67e-04	-4.15e-04	1.18e-05
219	1	5.58e-04	-7.90e-03	-0.62	5.98e-04	-4.24e-04	1.54e-05
219	2	3.58e-04	-9.04e-03	-0.77	1.33e-03	-5.12e-04	1.66e-05
219	6	1.16	-1.22	-0.70	2.22e-03	-3.51e-04	5.81e-03
219	22	0.73	-3.19	-1.39	7.88e-03	-3.52e-04	4.92e-03
219	24	0.11	-3.01	-1.44	8.25e-03	-1.99e-04	2.07e-03
219	38	0.66	-0.65	-0.60	1.45e-03	-4.80e-04	3.32e-03
219	54	0.40	-1.68	-0.97	4.44e-03	-3.51e-04	2.71e-03
219	56	0.05	-1.59	-1.00	4.64e-03	-2.63e-04	1.06e-03
219	69	4.29e-04	-6.07e-03	-0.48	4.60e-04	-3.26e-04	1.19e-05
219	70	2.96e-04	-6.84e-03	-0.58	9.49e-04	-3.85e-04	1.27e-05
219	71	4.29e-04	-6.07e-03	-0.48	4.60e-04	-3.26e-04	1.19e-05
219	72	3.62e-04	-6.46e-03	-0.53	7.05e-04	-3.56e-04	1.23e-05
219	73	4.29e-04	-6.07e-03	-0.48	4.60e-04	-3.26e-04	1.19e-05
219	74	3.89e-04	-6.30e-03	-0.51	6.07e-04	-3.44e-04	1.21e-05
220	1	8.85e-04	-9.44e-03	-0.65	6.15e-04	-2.43e-05	1.51e-05
220	2	7.45e-04	-0.01	-0.80	1.36e-03	-2.35e-05	1.63e-05
220	6	1.14	-0.74	-0.75	2.47e-03	-3.50e-04	5.78e-03
220	24	0.04	-3.45	-1.52	8.84e-03	1.45e-04	1.47e-03
220	38	0.65	-0.39	-0.64	1.58e-03	-2.10e-04	3.31e-03
220	56	0.01	-1.82	-1.05	4.96e-03	7.36e-05	7.44e-04
220	69	6.81e-04	-7.26e-03	-0.50	4.73e-04	-1.87e-05	1.16e-05
220	70	5.88e-04	-8.11e-03	-0.60	9.72e-04	-1.82e-05	1.24e-05
220	71	6.81e-04	-7.26e-03	-0.50	4.73e-04	-1.87e-05	1.16e-05
220	72	6.34e-04	-7.69e-03	-0.55	7.22e-04	-1.84e-05	1.20e-05
220	73	6.81e-04	-7.26e-03	-0.50	4.73e-04	-1.87e-05	1.16e-05
220	74	6.53e-04	-7.52e-03	-0.53	6.23e-04	-1.85e-05	1.18e-05
221	1	1.13e-03	-0.01	-0.63	6.09e-04	3.42e-04	1.40e-05
221	2	1.04e-03	-0.01	-0.77	1.34e-03	1.52e-04	1.52e-05
221	10	1.13	-0.75	-0.87	2.49e-03	1.36e-04	5.82e-03
221	22	0.59	-3.51	-1.57	9.10e-03	2.79e-04	3.72e-03
221	24	-0.04	-3.66	-1.52	9.41e-03	3.73e-04	7.37e-04
221	42	0.65	-0.39	-0.70	1.59e-03	1.96e-04	3.33e-03
221	54	0.33	-1.85	-1.07	5.08e-03	2.77e-04	2.07e-03
221	56	-0.03	-1.93	-1.05	5.26e-03	3.31e-04	3.50e-04
221	69	8.70e-04	-8.40e-03	-0.48	4.68e-04	2.63e-04	1.08e-05
221	70	8.10e-04	-9.33e-03	-0.58	9.57e-04	3.17e-04	1.16e-05
221	71	8.70e-04	-8.40e-03	-0.48	4.68e-04	2.63e-04	1.08e-05
221	72	8.40e-04	-8.86e-03	-0.53	7.12e-04	2.90e-04	1.12e-05
221	73	8.70e-04	-8.40e-03	-0.48	4.68e-04	2.63e-04	1.08e-05
221	74	8.52e-04	-8.68e-03	-0.51	6.15e-04	2.79e-04	1.10e-05
222	1	1.30e-03	-0.01	-0.58	5.79e-04	3.28e-04	1.23e-05
222	2	1.25e-03	-0.01	-0.72	1.27e-03	4.04e-04	1.34e-05
222	10	1.12	-0.85	-0.85	2.70e-03	5.98e-04	5.69e-03
222	22	0.50	-3.68	-1.60	9.67e-03	4.02e-04	3.01e-03
222	24	-0.12	-3.80	-1.56	9.96e-03	2.09e-04	2.39e-05
222	42	0.64	-0.45	-0.67	1.69e-03	4.57e-04	3.27e-03
222	54	0.28	-1.94	-1.07	5.37e-03	3.43e-04	1.69e-03
222	56	-0.08	-2.01	-1.04	5.53e-03	2.32e-04	-3.68e-05
222	69	9.97e-04	-9.43e-03	-0.45	4.45e-04	2.52e-04	9.45e-06
222	70	9.64e-04	-0.01	-0.54	9.05e-04	3.03e-04	1.02e-05
222	71	9.97e-04	-9.43e-03	-0.45	4.45e-04	2.52e-04	9.45e-06
222	72	9.80e-04	-9.93e-03	-0.49	6.75e-04	2.78e-04	9.81e-06
222	73	9.97e-04	-9.43e-03	-0.45	4.45e-04	2.52e-04	9.45e-06
222	74	9.87e-04	-9.73e-03	-0.47	5.83e-04	2.68e-04	9.66e-06
223	1	1.50e-03	-0.01	-0.58	5.70e-04	-3.14e-04	1.08e-05
223	2	1.50e-03	-0.02	-0.71	1.24e-03	-3.80e-04	1.18e-05
223	10	1.11	-0.93	-0.74	2.89e-03	2.68e-04	5.56e-03
223	24	-0.18	-3.89	-1.63	0.01	-3.80e-04	-4.72e-04
223	42	0.64	-0.49	-0.61	1.79e-03	4.64e-05	3.20e-03
223	56	-0.11	-2.06	-1.08	5.69e-03	-3.28e-04	-3.07e-04
223	69	1.16e-03	-0.01	-0.44	4.38e-04	-2.41e-04	8.31e-06
223	70	1.15e-03	-0.01	-0.53	8.86e-04	-2.85e-04	8.98e-06
223	71	1.16e-03	-0.01	-0.44	4.38e-04	-2.41e-04	8.31e-06
223	72	1.16e-03	-0.01	-0.49	6.62e-04	-2.63e-04	8.64e-06
223	73	1.16e-03	-0.01	-0.44	4.38e-04	-2.41e-04	8.31e-06
223	74	1.16e-03	-0.01	-0.47	5.72e-04	-2.55e-04	8.51e-06
224	2	1.86e-03	-0.02	-0.78	1.35e-03	-6.51e-04	1.09e-05
224	10	1.09	-1.01	-0.79	3.08e-03	-4.84e-04	5.44e-03
224	24	-0.24	-3.94	-1.66	0.01	-4.13e-04	-9.38e-04
224	42	0.63	-0.54	-0.66	1.91e-03	-4.63e-04	3.13e-03
224	56	-0.14	-2.09	-1.12	5.67e-03	-4.23e-04	-5.59e-04
224	70	1.42e-03	-0.01	-0.59	9.61e-04	-4.89e-04	8.26e-06
224	72	1.40e-03	-0.01	-0.54	7.18e-04	-4.50e-04	7.88e-06
224	74	1.39e-03	-0.01	-0.52	6.20e-04	-4.35e-04	7.73e-06

225	2	2.02e-03	-0.02	-0.84	1.40e-03	-2.88e-04	8.32e-06
225	10	1.07	-1.07	-0.86	3.21e-03	-5.24e-04	5.21e-03
225	28	-0.12	-3.95	-1.68	0.01	-1.77e-04	-6.77e-04
225	42	0.62	-0.57	-0.71	2.00e-03	-3.83e-04	3.00e-03
225	60	-0.07	-2.09	-1.15	5.63e-03	-1.83e-04	-3.82e-04
225	70	1.54e-03	-0.01	-0.63	9.99e-04	-2.16e-04	6.29e-06
225	72	1.50e-03	-0.01	-0.58	7.46e-04	-1.99e-04	5.93e-06
225	74	1.48e-03	-0.01	-0.56	6.45e-04	-1.92e-04	5.78e-06
226	2	1.98e-03	-0.02	-0.84	1.40e-03	2.86e-04	4.13e-06
226	5	1.07	1.24	-0.19	-2.36e-03	-1.40e-04	5.16e-03
226	32	-0.35	-3.94	-1.68	0.01	3.06e-04	-9.13e-04
226	36	-0.11	-3.94	-1.68	0.01	2.36e-04	3.87e-04
226	37	0.62	0.65	-0.36	-9.40e-04	0.0	2.97e-03
226	64	-0.20	-2.08	-1.15	5.62e-03	2.57e-04	-5.31e-04
226	68	-0.06	-2.09	-1.15	5.63e-03	2.17e-04	2.20e-04
226	70	1.51e-03	-0.01	-0.63	9.99e-04	2.15e-04	3.08e-06
226	72	1.45e-03	-0.01	-0.58	7.46e-04	1.98e-04	2.78e-06
226	74	1.43e-03	-0.01	-0.56	6.45e-04	1.91e-04	2.65e-06
227	2	1.75e-03	-0.02	-0.78	1.35e-03	6.50e-04	-1.69e-06
227	5	1.09	1.24	-0.25	-2.43e-03	3.86e-04	5.30e-03
227	30	0.23	-3.85	-1.66	1.00e-02	4.13e-04	8.27e-04
227	32	-0.39	-3.93	-1.62	0.01	4.44e-04	-2.03e-03
227	37	0.63	0.65	-0.38	-9.93e-04	4.07e-04	3.04e-03
227	62	0.13	-2.04	-1.12	5.56e-03	4.22e-04	5.03e-04
227	64	-0.22	-2.08	-1.10	5.66e-03	4.40e-04	-1.15e-03
227	70	1.33e-03	-0.01	-0.59	9.63e-04	4.88e-04	-1.36e-06
227	72	1.26e-03	-0.01	-0.54	7.19e-04	4.50e-04	-1.57e-06
227	74	1.24e-03	-0.01	-0.52	6.22e-04	4.35e-04	-1.65e-06
228	2	1.33e-03	-0.02	-0.71	1.25e-03	3.82e-04	-9.14e-06
228	5	1.09	1.23	-0.09	-2.56e-03	7.80e-04	5.30e-03
228	32	-0.44	-3.87	-1.62	0.01	7.24e-05	-2.41e-03
228	37	0.63	0.65	-0.27	-1.09e-03	5.57e-04	3.04e-03
228	64	-0.25	-2.05	-1.08	5.68e-03	1.51e-04	-1.35e-03
228	70	9.99e-04	-0.01	-0.53	8.89e-04	2.87e-04	-7.05e-06
228	72	9.33e-04	-0.01	-0.49	6.65e-04	2.65e-04	-7.11e-06
228	74	9.07e-04	-0.01	-0.47	5.75e-04	2.56e-04	-7.13e-06
229	2	5.68e-04	-0.02	-0.72	1.27e-03	-4.02e-04	-1.92e-05
229	5	1.10	1.23	-0.10	-2.49e-03	6.40e-05	5.38e-03
229	32	-0.49	-3.78	-1.60	9.96e-03	-4.00e-04	-2.81e-03
229	37	0.63	0.65	-0.28	-1.05e-03	-7.65e-05	3.08e-03
229	64	-0.27	-2.00	-1.07	5.53e-03	-3.41e-04	-1.58e-03
229	70	4.19e-04	-0.01	-0.54	9.06e-04	-3.01e-04	-1.47e-05
229	72	3.60e-04	-0.01	-0.49	6.76e-04	-2.76e-04	-1.45e-05
229	74	3.36e-04	-0.01	-0.47	5.85e-04	-2.66e-04	-1.45e-05
230	2	1.14e-04	-0.01	-0.77	1.34e-03	-4.22e-04	-2.65e-05
230	4	1.27e-04	-0.01	-0.63	1.20e-03	-3.43e-04	-2.06e-05
230	8	-1.11	-1.23	-0.87	3.54e-03	-1.36e-04	-5.48e-03
230	32	-0.56	-3.66	-1.57	9.44e-03	-3.44e-04	-3.44e-03
230	40	-0.63	-0.66	-0.70	2.17e-03	-1.96e-04	-3.15e-03
230	64	-0.31	-1.93	-1.07	5.27e-03	-2.77e-04	-1.92e-03
230	70	6.98e-05	-0.01	-0.58	9.56e-04	-3.16e-04	-2.03e-05
230	71	-4.50e-05	-8.98e-03	-0.48	4.67e-04	-2.63e-04	-1.97e-05
230	72	1.24e-05	-9.64e-03	-0.53	7.12e-04	-2.90e-04	-2.00e-05
230	73	-4.50e-05	-8.98e-03	-0.48	4.67e-04	-2.63e-04	-1.97e-05
230	74	-1.06e-05	-9.38e-03	-0.51	6.14e-04	-2.79e-04	-1.99e-05
231	2	1.57e-04	-0.01	-0.80	1.36e-03	2.34e-05	-2.98e-05
231	4	1.66e-04	-8.70e-03	-0.65	1.22e-03	1.78e-05	-2.32e-05
231	5	1.11	1.17	-0.19	-2.18e-03	-3.13e-04	5.43e-03
231	32	-0.64	-3.47	-1.53	8.91e-03	6.53e-05	-4.09e-03
231	37	0.64	0.62	-0.35	-8.71e-04	-1.73e-04	3.09e-03
231	64	-0.36	-1.83	-1.05	4.99e-03	4.73e-05	-2.27e-03
231	70	1.01e-04	-8.08e-03	-0.60	9.69e-04	1.81e-05	-2.28e-05
231	72	3.59e-05	-7.46e-03	-0.55	7.19e-04	1.83e-05	-2.24e-05
231	73	-2.92e-05	-6.85e-03	-0.50	4.70e-04	1.85e-05	-2.20e-05
231	74	9.84e-06	-7.22e-03	-0.53	6.20e-04	1.84e-05	-2.22e-05
232	2	6.99e-04	-7.75e-03	-0.77	1.33e-03	5.12e-04	-2.89e-05
232	9	1.13	1.22	-0.15	-2.30e-03	1.09e-04	5.45e-03
232	32	-0.70	-3.22	-1.45	8.35e-03	3.54e-04	-4.64e-03
232	41	0.65	0.65	-0.31	-9.47e-04	2.08e-04	3.10e-03
232	64	-0.39	-1.70	-1.00	4.69e-03	3.52e-04	-2.57e-03
232	70	5.12e-04	-5.78e-03	-0.57	9.45e-04	3.85e-04	-2.21e-05
232	72	4.30e-04	-5.21e-03	-0.53	7.00e-04	3.56e-04	-2.17e-05
232	74	3.97e-04	-4.97e-03	-0.51	6.01e-04	3.44e-04	-2.15e-05
233	2	1.74e-03	-5.04e-03	-0.69	1.24e-03	6.23e-04	-2.38e-05
233	9	1.14	1.15	-0.30	-2.23e-03	5.66e-04	5.49e-03
233	30	-0.14	-2.76	-1.34	7.36e-03	3.78e-04	-2.29e-03
233	32	-0.74	-2.94	-1.29	7.78e-03	3.02e-04	-4.95e-03

233	41	0.65	0.61	-0.38	-9.33e-04	5.02e-04	3.11e-03
233	62	-0.06	-1.45	-0.93	4.14e-03	3.98e-04	-1.19e-03
233	64	-0.41	-1.55	-0.89	4.37e-03	3.54e-04	-2.72e-03
233	70	1.30e-03	-3.71e-03	-0.52	8.83e-04	4.68e-04	-1.82e-05
233	72	1.19e-03	-3.17e-03	-0.47	6.52e-04	4.32e-04	-1.79e-05
233	74	1.15e-03	-2.96e-03	-0.46	5.60e-04	4.17e-04	-1.77e-05
234	2	3.28e-03	-3.06e-03	-0.63	1.10e-03	-6.59e-05	-1.46e-05
234	9	1.15	1.06	-0.09	-2.19e-03	7.73e-04	5.48e-03
234	32	-0.74	-2.64	-1.25	7.18e-03	-3.76e-04	-4.90e-03
234	41	0.66	0.57	-0.24	-9.44e-04	4.24e-04	3.11e-03
234	64	-0.41	-1.40	-0.86	4.03e-03	-2.31e-04	-2.70e-03
234	70	2.48e-03	-2.19e-03	-0.48	7.84e-04	-4.96e-05	-1.12e-05
234	72	2.33e-03	-1.68e-03	-0.44	5.77e-04	-4.63e-05	-1.10e-05
234	74	2.27e-03	-1.48e-03	-0.42	4.94e-04	-4.49e-05	-1.09e-05
235	2	4.41e-03	-1.92e-03	-0.70	1.14e-03	-8.57e-04	-8.36e-06
235	9	1.18	0.99	-0.14	-1.85e-03	-2.31e-04	5.67e-03
235	32	-0.79	-2.34	-1.21	6.32e-03	-8.69e-04	-5.31e-03
235	41	0.67	0.54	-0.29	-7.59e-04	-3.80e-04	3.21e-03
235	64	-0.43	-1.24	-0.86	3.58e-03	-7.34e-04	-2.90e-03
235	70	3.34e-03	-1.33e-03	-0.52	8.11e-04	-6.44e-04	-6.34e-06
235	72	3.20e-03	-8.41e-04	-0.48	5.90e-04	-5.94e-04	-6.04e-06
235	74	3.14e-03	-6.46e-04	-0.46	5.02e-04	-5.74e-04	-5.92e-06
236	2	5.35e-03	-1.33e-03	-0.79	1.14e-03	-6.94e-04	-3.63e-06
236	4	4.23e-03	-1.34e-03	-0.64	1.03e-03	-5.62e-04	-3.05e-06
236	9	1.19	0.21	-0.23	-1.51e-03	-4.78e-04	5.77e-03
236	30	-0.18	-2.02	-1.12	5.06e-03	-7.80e-04	-2.70e-03
236	32	-0.81	-1.80	-1.19	5.41e-03	-7.19e-04	-5.44e-03
236	41	0.68	0.09	-0.36	-5.85e-04	-4.76e-04	3.27e-03
236	62	-0.08	-1.07	-0.84	2.90e-03	-6.34e-04	-1.39e-03
236	64	-0.44	-0.95	-0.87	3.09e-03	-5.99e-04	-2.96e-03
236	70	4.07e-03	-8.85e-04	-0.59	8.09e-04	-5.21e-04	-2.68e-06
236	72	3.91e-03	-4.31e-04	-0.54	5.83e-04	-4.79e-04	-2.32e-06
236	74	3.85e-03	-2.49e-04	-0.52	4.92e-04	-4.63e-04	-2.18e-06
237	2	6.15e-03	-1.16e-03	-0.82	1.09e-03	8.33e-06	0.0
237	4	4.85e-03	-1.18e-03	-0.67	9.92e-04	5.15e-06	0.0
237	9	1.19	0.08	-0.29	-1.20e-03	-1.37e-04	5.84e-03
237	30	-0.16	-1.70	-1.08	4.18e-03	-3.71e-04	-2.45e-03
237	32	-0.79	-1.46	-1.13	4.48e-03	-2.27e-04	-5.26e-03
237	41	0.68	0.02	-0.41	-4.36e-04	-7.92e-05	3.31e-03
237	62	-0.07	-0.91	-0.82	2.42e-03	-1.97e-04	-1.24e-03
237	64	-0.43	-0.77	-0.85	2.59e-03	-1.14e-04	-2.85e-03
237	70	4.68e-03	-7.60e-04	-0.62	7.70e-04	6.96e-06	0.0
237	72	4.50e-03	-3.43e-04	-0.56	5.48e-04	8.77e-06	0.0
237	74	4.43e-03	-1.76e-04	-0.54	4.59e-04	9.49e-06	0.0
238	2	6.80e-03	-1.27e-03	-0.76	9.86e-04	8.28e-04	2.11e-06
238	9	1.17	8.56e-04	-0.29	-9.20e-04	4.93e-04	5.98e-03
238	30	-0.10	-1.39	-0.97	3.29e-03	2.36e-04	-1.81e-03
238	32	-0.72	-1.16	-1.01	3.54e-03	3.28e-04	-4.80e-03
238	41	0.67	-0.02	-0.39	-3.13e-04	5.19e-04	3.40e-03
238	62	-0.03	-0.75	-0.75	1.92e-03	3.86e-04	-8.84e-04
238	64	-0.39	-0.62	-0.78	2.06e-03	4.39e-04	-2.61e-03
238	70	5.17e-03	-8.57e-04	-0.57	6.94e-04	6.23e-04	1.70e-06
238	72	4.97e-03	-4.72e-04	-0.53	4.85e-04	5.80e-04	1.98e-06
238	74	4.89e-03	-3.18e-04	-0.51	4.01e-04	5.62e-04	2.09e-06
239	2	7.30e-03	-1.55e-03	-0.63	8.29e-04	1.34e-03	3.12e-06
239	9	1.15	6.31e-03	-0.23	-6.68e-04	1.21e-03	6.29e-03
239	30	0.02	-1.13	-0.81	2.38e-03	7.77e-04	-7.12e-04
239	32	-0.62	-0.95	-0.85	2.58e-03	6.34e-04	-4.05e-03
239	41	0.66	-0.01	-0.32	-2.18e-04	1.08e-03	3.59e-03
239	62	0.03	-0.61	-0.63	1.41e-03	8.44e-04	-2.92e-04
239	64	-0.34	-0.51	-0.65	1.53e-03	7.62e-04	-2.22e-03
239	70	5.54e-03	-1.08e-03	-0.47	5.81e-04	1.01e-03	2.44e-06
239	72	5.31e-03	-7.13e-04	-0.43	3.94e-04	9.41e-04	2.56e-06
239	74	5.22e-03	-5.67e-04	-0.42	3.20e-04	9.13e-04	2.61e-06
240	2	7.66e-03	-1.86e-03	-0.46	5.77e-04	1.13e-03	2.90e-06
240	9	1.07	0.43	-0.12	-4.73e-04	1.63e-03	6.08e-03
240	32	-0.45	-0.94	-0.66	1.62e-03	4.34e-04	-2.73e-03
240	41	0.62	0.24	-0.21	-1.74e-04	1.27e-03	3.50e-03
240	64	-0.25	-0.51	-0.50	9.67e-04	5.86e-04	-1.52e-03
240	70	5.80e-03	-1.32e-03	-0.35	3.99e-04	8.54e-04	2.20e-06
240	72	5.53e-03	-9.60e-04	-0.32	2.54e-04	8.02e-04	2.10e-06
240	74	5.41e-03	-8.15e-04	-0.31	1.96e-04	7.81e-04	2.05e-06
241	2	7.31e-03	-2.21e-03	-0.35	-2.16e-04	3.36e-04	2.90e-06
241	9	0.68	0.59	1.55e-03	-8.23e-04	1.31e-03	-3.65e-03
241	12	-0.67	-0.59	-0.47	4.92e-04	-4.72e-04	3.66e-03
241	32	-0.23	-1.05	-0.47	1.23e-03	5.26e-05	3.44e-03
241	41	0.40	0.33	-0.10	-5.29e-04	9.28e-04	-2.10e-03

241	44	-0.38	-0.33	-0.37	1.98e-04	-9.18e-05	2.10e-03
241	64	-0.13	-0.58	-0.36	5.90e-04	2.13e-04	1.98e-03
241	70	5.54e-03	-1.59e-03	-0.26	-1.66e-04	2.87e-04	2.20e-06
241	72	5.27e-03	-1.21e-03	-0.24	-1.66e-04	3.81e-04	2.10e-06
241	74	5.17e-03	-1.06e-03	-0.24	-1.66e-04	4.18e-04	2.05e-06
242	2	7.12e-03	-2.05e-03	-0.39	-3.41e-04	3.18e-04	0.0
242	6	0.83	0.27	-0.07	2.88e-05	1.46e-03	-4.33e-03
242	12	-0.80	-0.81	-0.50	-2.96e-04	-6.11e-04	5.55e-03
242	32	-0.21	-1.24	-0.42	9.97e-05	4.79e-05	4.52e-03
242	38	0.48	0.15	-0.15	-8.76e-05	1.03e-03	-2.49e-03
242	44	-0.46	-0.45	-0.39	-2.78e-04	-1.59e-04	3.19e-03
242	64	-0.12	-0.68	-0.34	-6.05e-05	2.22e-04	2.59e-03
242	70	5.40e-03	-1.46e-03	-0.29	-2.58e-04	2.81e-04	0.0
242	72	5.15e-03	-1.08e-03	-0.26	-2.44e-04	4.01e-04	0.0
242	74	5.05e-03	-9.30e-04	-0.25	-2.39e-04	4.48e-04	0.0
243	2	7.09e-03	-2.00e-03	-0.41	-2.28e-04	3.99e-04	0.0
243	5	1.13	0.76	-2.26e-04	2.99e-05	1.81e-03	-5.53e-03
243	12	-1.12	-0.88	-0.54	-3.62e-04	-7.73e-04	6.19e-03
243	32	-0.38	-1.30	-0.43	-3.17e-04	6.21e-05	4.94e-03
243	37	0.65	0.43	-0.12	-5.09e-05	1.26e-03	-3.17e-03
243	44	-0.64	-0.49	-0.42	-2.75e-04	-2.21e-04	3.55e-03
243	64	-0.21	-0.72	-0.36	-2.49e-04	2.61e-04	2.82e-03
243	70	5.38e-03	-1.42e-03	-0.31	-1.72e-04	3.45e-04	0.0
243	72	5.14e-03	-1.04e-03	-0.28	-1.63e-04	4.72e-04	0.0
243	74	5.05e-03	-8.92e-04	-0.27	-1.59e-04	5.22e-04	0.0
244	2	7.12e-03	-2.06e-03	-0.40	-2.57e-05	5.32e-04	0.0
244	9	1.49	0.82	0.05	1.80e-04	2.19e-03	-5.69e-03
244	12	-1.48	-0.83	-0.58	-2.27e-04	-9.50e-04	5.69e-03
244	32	-0.54	-1.28	-0.45	-2.08e-04	8.24e-05	4.84e-03
244	41	0.86	0.46	-0.08	9.23e-05	1.52e-03	-3.26e-03
244	44	-0.85	-0.46	-0.45	-1.39e-04	-2.82e-04	3.26e-03
244	64	-0.30	-0.71	-0.37	-1.27e-04	3.13e-04	2.77e-03
244	70	5.41e-03	-1.47e-03	-0.30	-2.05e-05	4.47e-04	0.0
244	72	5.18e-03	-1.10e-03	-0.28	-2.27e-05	5.71e-04	0.0
244	74	5.09e-03	-9.48e-04	-0.27	-2.35e-05	6.21e-04	0.0
245	2	7.11e-03	-2.24e-03	-0.38	1.14e-04	7.17e-04	0.0
245	9	1.78	0.65	0.11	1.16e-04	2.61e-03	-4.12e-03
245	12	-1.77	-0.65	-0.61	2.56e-05	-1.12e-03	4.12e-03
245	32	-0.64	-1.18	-0.44	3.42e-04	1.16e-04	4.34e-03
245	41	1.03	0.36	-0.04	1.01e-04	1.82e-03	-2.37e-03
245	44	-1.02	-0.36	-0.45	3.97e-05	-3.31e-04	2.37e-03
245	64	-0.36	-0.65	-0.36	2.13e-04	3.83e-04	2.50e-03
245	70	5.40e-03	-1.61e-03	-0.28	8.46e-05	5.86e-04	0.0
245	72	5.18e-03	-1.24e-03	-0.26	7.46e-05	6.98e-04	0.0
245	74	5.10e-03	-1.10e-03	-0.25	7.06e-05	7.43e-04	0.0
246	2	6.96e-03	-2.53e-03	-0.34	4.08e-05	9.56e-04	2.46e-06
246	5	1.91	0.33	0.16	-4.51e-04	3.02e-03	-3.35e-04
246	12	-1.90	-0.46	-0.61	5.81e-04	-1.29e-03	1.90e-03
246	32	-0.62	-1.03	-0.36	1.27e-03	1.70e-04	3.97e-03
246	37	1.10	0.19	-2.57e-03	-2.37e-04	2.11e-03	-2.08e-04
246	44	-1.09	-0.26	-0.44	3.31e-04	-3.62e-04	1.09e-03
246	64	-0.36	-0.58	-0.30	6.93e-04	4.75e-04	2.27e-03
246	70	5.29e-03	-1.83e-03	-0.25	3.04e-05	7.63e-04	1.91e-06
246	72	5.07e-03	-1.48e-03	-0.23	2.73e-05	8.53e-04	1.96e-06
246	74	4.98e-03	-1.34e-03	-0.22	2.60e-05	8.89e-04	1.97e-06
247	2	7.13e-03	-1.69e-03	-0.35	-1.23e-04	9.16e-04	-5.70e-06
247	10	1.89	-0.62	0.16	-8.60e-05	2.76e-03	2.76e-03
247	11	-1.88	0.62	-0.61	-7.54e-05	-1.16e-03	-2.77e-03
247	30	0.66	-1.16	-0.07	3.90e-05	1.44e-03	3.60e-03
247	42	1.09	-0.35	-7.17e-03	-8.50e-05	2.06e-03	1.59e-03
247	43	-1.08	0.35	-0.45	-7.64e-05	-2.95e-04	-1.60e-03
247	62	0.38	-0.64	-0.14	-1.70e-05	1.20e-03	2.07e-03
247	70	5.42e-03	-1.20e-03	-0.26	-9.18e-05	7.37e-04	-4.31e-06
247	72	5.19e-03	-8.68e-04	-0.24	-8.39e-05	8.40e-04	-4.08e-06
247	74	5.09e-03	-7.35e-04	-0.23	-8.07e-05	8.82e-04	-3.98e-06
248	2	7.98e-03	-1.35e-03	-0.36	-7.86e-05	9.06e-04	-9.84e-06
248	10	1.77	-0.74	0.12	-2.95e-04	2.86e-03	3.72e-03
248	11	-1.75	0.74	-0.59	1.88e-04	-1.09e-03	-3.74e-03
248	30	0.59	-1.25	-0.11	-5.35e-04	1.54e-03	3.90e-03
248	42	1.02	-0.42	-0.03	-1.87e-04	2.02e-03	2.14e-03
248	43	-1.01	0.42	-0.44	8.10e-05	-2.49e-04	-2.15e-03
248	62	0.34	-0.69	-0.16	-3.13e-04	1.26e-03	2.22e-03
248	70	6.06e-03	-9.35e-04	-0.27	-5.92e-05	7.31e-04	-7.47e-06
248	72	5.80e-03	-6.11e-04	-0.25	-5.49e-05	8.42e-04	-7.17e-06
248	74	5.69e-03	-4.81e-04	-0.24	-5.32e-05	8.87e-04	-7.04e-06
249	2	8.99e-03	-1.59e-03	-0.36	2.65e-05	9.49e-04	-9.05e-06
249	17	1.66	0.58	0.12	1.85e-04	2.77e-03	-3.23e-03

249	20	-1.65	-0.58	-0.58	-1.56e-04	-9.41e-04	3.22e-03
249	30	0.41	-1.25	-0.17	-4.11e-04	1.53e-03	3.92e-03
249	49	0.96	0.32	-0.03	1.08e-04	1.99e-03	-1.86e-03
249	52	-0.95	-0.32	-0.43	-7.84e-05	-1.55e-04	1.85e-03
249	62	0.24	-0.69	-0.20	-2.15e-04	1.27e-03	2.23e-03
249	70	6.83e-03	-1.12e-03	-0.27	1.93e-05	7.63e-04	-6.89e-06
249	72	6.54e-03	-7.88e-04	-0.24	1.59e-05	8.72e-04	-6.63e-06
249	74	6.42e-03	-6.55e-04	-0.23	1.46e-05	9.15e-04	-6.53e-06
250	2	9.68e-03	-2.43e-03	-0.34	4.23e-05	1.04e-03	-3.35e-06
250	17	1.74	0.48	0.14	-9.99e-06	2.92e-03	-2.35e-03
250	20	-1.73	-0.48	-0.59	6.05e-05	-9.84e-04	2.34e-03
250	30	0.35	-1.15	-0.18	3.04e-04	1.56e-03	3.73e-03
250	49	1.01	0.27	-0.01	8.39e-06	2.09e-03	-1.36e-03
250	52	-0.99	-0.27	-0.43	4.21e-05	-1.58e-04	1.35e-03
250	62	0.21	-0.64	-0.19	1.75e-04	1.31e-03	2.15e-03
250	70	7.35e-03	-1.76e-03	-0.26	3.12e-05	8.33e-04	-2.55e-06
250	72	7.04e-03	-1.40e-03	-0.23	2.69e-05	9.30e-04	-2.48e-06
250	74	6.92e-03	-1.26e-03	-0.22	2.52e-05	9.68e-04	-2.45e-06
251	2	9.59e-03	-3.31e-03	-0.34	-1.82e-04	1.11e-03	2.71e-06
251	14	1.76	-0.04	0.15	1.62e-05	3.04e-03	1.67e-04
251	19	-1.75	0.16	-0.60	-3.17e-04	-1.02e-03	-1.68e-03
251	30	0.49	-1.07	-0.09	7.72e-04	1.56e-03	4.00e-03
251	46	1.02	-0.02	-6.40e-03	-4.91e-05	2.18e-03	1.10e-04
251	51	-1.00	0.09	-0.44	-2.22e-04	-1.63e-04	-9.62e-04
251	62	0.28	-0.60	-0.15	3.59e-04	1.33e-03	2.30e-03
251	70	7.29e-03	-2.43e-03	-0.25	-1.36e-04	8.84e-04	2.03e-06
251	72	6.98e-03	-2.04e-03	-0.23	-1.23e-04	9.72e-04	1.83e-06
251	74	6.86e-03	-1.88e-03	-0.22	-1.18e-04	1.01e-03	1.75e-06
252	2	9.57e-03	-2.98e-03	-0.38	-2.94e-04	1.00e-03	-1.65e-06
252	14	1.73	0.04	0.12	-1.42e-04	2.85e-03	1.99e-03
252	19	-1.72	0.08	-0.62	-2.36e-04	-9.29e-04	-2.64e-03
252	30	0.53	-1.19	-0.08	-2.33e-04	1.45e-03	4.06e-03
252	46	1.00	0.03	-0.04	-1.62e-04	2.05e-03	1.15e-03
252	51	-0.99	0.04	-0.46	-2.16e-04	-1.31e-04	-1.53e-03
252	62	0.30	-0.66	-0.16	-2.13e-04	1.24e-03	2.34e-03
252	70	7.27e-03	-2.16e-03	-0.28	-2.20e-04	8.04e-04	-1.38e-06
252	72	7.00e-03	-1.75e-03	-0.26	-1.97e-04	9.13e-04	-1.73e-06
252	74	6.89e-03	-1.58e-03	-0.25	-1.89e-04	9.57e-04	-1.87e-06
253	2	9.86e-03	-2.94e-03	-0.41	-1.41e-04	9.42e-04	-3.50e-06
253	14	1.63	-0.55	0.07	-9.87e-05	2.69e-03	2.86e-03
253	19	-1.61	0.67	-0.60	-4.23e-05	-8.14e-04	-3.48e-03
253	30	0.47	-1.26	-0.15	-6.74e-04	1.38e-03	4.32e-03
253	46	0.94	-0.31	-0.07	-8.89e-05	1.94e-03	1.65e-03
253	51	-0.93	0.38	-0.46	-6.82e-05	-7.55e-05	-2.00e-03
253	62	0.27	-0.70	-0.20	-4.05e-04	1.19e-03	2.48e-03
253	70	7.51e-03	-2.13e-03	-0.31	-1.05e-04	7.62e-04	-2.83e-06
253	72	7.28e-03	-1.70e-03	-0.28	-9.26e-05	8.82e-04	-3.25e-06
253	74	7.18e-03	-1.53e-03	-0.27	-8.78e-05	9.30e-04	-3.43e-06
254	2	0.01	-3.20e-03	-0.41	1.27e-04	9.35e-04	-2.85e-06
254	14	1.49	-0.60	0.03	7.96e-05	2.55e-03	3.27e-03
254	20	-1.41	0.03	-0.57	-2.39e-04	-6.80e-04	-1.83e-03
254	30	0.38	-1.28	-0.23	-5.97e-04	1.19e-03	4.39e-03
254	46	0.86	-0.34	-0.10	8.85e-05	1.86e-03	1.88e-03
254	52	-0.81	0.03	-0.44	-9.41e-05	0.0	-1.06e-03
254	62	0.22	-0.71	-0.24	-2.83e-04	1.08e-03	2.51e-03
254	70	7.79e-03	-2.33e-03	-0.31	9.57e-05	7.57e-04	-2.32e-06
254	72	7.61e-03	-1.90e-03	-0.28	8.90e-05	7.75e-04	-2.75e-06
254	74	7.53e-03	-1.73e-03	-0.27	8.63e-05	9.27e-04	-2.92e-06
255	2	0.01	-3.77e-03	-0.38	3.57e-04	9.80e-04	0.0
255	14	1.34	-0.59	8.61e-03	4.82e-05	2.44e-03	3.10e-03
255	20	-1.31	0.03	-0.54	2.71e-04	-5.28e-04	-1.75e-03
255	30	0.19	-1.24	-0.27	-9.50e-05	1.15e-03	4.17e-03
255	46	0.78	-0.33	-0.10	1.30e-04	1.81e-03	1.79e-03
255	52	-0.75	0.03	-0.42	2.59e-04	9.74e-05	-1.01e-03
255	62	0.11	-0.69	-0.26	5.62e-05	1.06e-03	2.39e-03
255	70	7.93e-03	-2.77e-03	-0.29	2.68e-04	7.89e-04	0.0
255	72	7.78e-03	-2.34e-03	-0.26	2.45e-04	9.03e-04	0.0
255	74	7.72e-03	-2.17e-03	-0.25	2.35e-04	9.49e-04	0.0
256	2	0.01	-4.63e-03	-0.33	3.97e-04	1.08e-03	5.97e-06
256	14	1.21	-0.50	0.02	3.02e-04	2.36e-03	2.41e-03
256	20	-1.17	-0.01	-0.48	4.77e-04	-3.57e-04	-1.16e-03
256	30	0.14	-1.15	-0.24	7.16e-04	1.14e-03	3.85e-03
256	46	0.70	-0.29	-0.08	2.81e-04	1.78e-03	1.39e-03
256	52	-0.67	-5.90e-04	-0.37	3.79e-04	2.15e-04	-6.66e-04
256	62	0.09	-0.64	-0.23	5.05e-04	1.08e-03	2.22e-03
256	70	7.71e-03	-3.44e-03	-0.25	2.97e-04	8.59e-04	4.54e-06
256	72	7.59e-03	-3.03e-03	-0.22	2.71e-04	9.56e-04	4.36e-06

256	74	7.54e-03	-2.86e-03	-0.21	2.61e-04	9.94e-04	4.29e-06
257	2	9.16e-03	-5.21e-03	-0.31	1.90e-04	1.01e-03	9.60e-06
257	14	1.11	-0.51	0.04	2.69e-04	2.15e-03	2.48e-03
257	15	-1.09	0.50	-0.44	-1.57e-05	-2.94e-04	-2.46e-03
257	34	0.46	-1.12	-0.11	1.01e-03	1.18e-03	3.85e-03
257	46	0.64	-0.29	-0.06	2.01e-04	1.64e-03	1.43e-03
257	47	-0.63	0.28	-0.34	5.25e-05	2.25e-04	-1.42e-03
257	66	0.26	-0.62	-0.15	5.98e-04	1.08e-03	2.22e-03
257	70	7.01e-03	-3.91e-03	-0.23	1.42e-04	8.07e-04	7.53e-06
257	72	6.89e-03	-3.57e-03	-0.21	1.31e-04	8.95e-04	8.01e-06
257	74	6.84e-03	-3.44e-03	-0.20	1.27e-04	9.30e-04	8.20e-06
258	2	8.37e-03	-4.89e-03	-0.34	1.43e-04	5.73e-04	6.42e-06
258	14	0.90	-0.69	2.75e-03	9.62e-05	1.69e-03	4.01e-03
258	19	-0.88	0.79	-0.46	8.74e-05	-4.59e-04	-4.59e-03
258	34	0.40	-1.23	-0.08	4.39e-04	1.03e-03	4.05e-03
258	46	0.52	-0.39	-0.10	9.34e-05	1.24e-03	2.31e-03
258	51	-0.51	0.45	-0.36	9.76e-05	2.06e-05	-2.64e-03
258	66	0.23	-0.68	-0.15	2.78e-04	8.58e-04	2.32e-03
258	70	6.37e-03	-3.69e-03	-0.26	1.08e-04	4.74e-04	5.38e-06
258	72	6.14e-03	-3.47e-03	-0.24	1.02e-04	5.83e-04	6.81e-06
258	74	6.05e-03	-3.39e-03	-0.23	9.97e-05	6.27e-04	7.39e-06
259	2	7.80e-03	-4.80e-03	-0.37	1.43e-04	1.85e-04	5.24e-06
259	18	0.65	-0.81	-0.02	3.30e-04	1.28e-03	4.67e-03
259	19	-0.64	0.80	-0.47	-1.19e-04	-5.81e-04	-4.65e-03
259	34	0.28	-1.23	-0.07	6.08e-04	7.29e-04	3.96e-03
259	50	0.38	-0.46	-0.12	2.28e-04	8.83e-04	2.69e-03
259	51	-0.37	0.45	-0.38	-1.75e-05	-1.87e-04	-2.68e-03
259	66	0.16	-0.68	-0.15	3.73e-04	5.64e-04	2.27e-03
259	70	5.88e-03	-3.63e-03	-0.28	1.09e-04	1.79e-04	4.52e-06
259	72	5.49e-03	-3.43e-03	-0.26	1.06e-04	3.00e-04	6.10e-06
259	74	5.33e-03	-3.35e-03	-0.25	1.05e-04	3.48e-04	6.73e-06
260	2	7.25e-03	-4.95e-03	-0.40	3.66e-05	-1.05e-04	6.06e-06
260	18	0.50	-0.62	-0.03	3.24e-04	9.61e-04	3.11e-03
260	34	0.22	-1.07	-0.01	1.26e-03	4.94e-04	3.11e-03
260	35	-0.21	1.07	-0.53	-1.17e-03	-2.69e-04	-3.09e-03
260	50	0.29	-0.35	-0.13	1.91e-04	6.00e-04	1.80e-03
260	66	0.13	-0.60	-0.13	6.95e-04	3.26e-04	1.79e-03
260	67	-0.12	0.59	-0.41	-6.05e-04	-1.01e-04	-1.78e-03
260	70	5.41e-03	-3.73e-03	-0.30	3.12e-05	-4.59e-05	4.94e-06
260	72	4.89e-03	-3.45e-03	-0.28	4.11e-05	1.72e-05	5.85e-06
260	74	4.68e-03	-3.34e-03	-0.27	4.50e-05	1.12e-04	6.22e-06
261	1	-7.48e-03	1.60e-03	-0.35	-2.43e-04	-2.23e-04	2.58e-06
261	2	-7.73e-03	1.48e-03	-0.48	-8.11e-04	2.41e-04	1.70e-06
261	15	-1.54	1.58	-0.22	-5.83e-04	-8.78e-04	0.02
261	25	-0.13	0.81	-0.65	-1.59e-03	2.24e-04	2.22e-03
261	47	-0.89	0.91	-0.25	-4.51e-04	-5.40e-04	9.90e-03
261	57	-0.08	0.45	-0.49	-9.95e-04	9.53e-05	1.28e-03
261	69	-5.75e-03	1.23e-03	-0.27	-1.87e-04	-1.72e-04	1.98e-06
261	70	-5.92e-03	1.15e-03	-0.36	-5.66e-04	1.38e-04	1.40e-06
261	71	-5.75e-03	1.23e-03	-0.27	-1.87e-04	-1.72e-04	1.98e-06
261	72	-5.83e-03	1.19e-03	-0.31	-3.76e-04	-1.69e-05	1.69e-06
261	73	-5.75e-03	1.23e-03	-0.27	-1.87e-04	-1.72e-04	1.98e-06
261	74	-5.80e-03	1.21e-03	-0.30	-3.01e-04	-7.88e-05	1.81e-06
262	2	6.52e-03	-4.95e-03	-0.51	-1.05e-03	-3.95e-04	6.06e-06
262	17	1.78	1.85	-0.24	-9.73e-04	7.51e-04	-0.02
262	20	-1.77	-1.85	-0.40	5.53e-05	-8.09e-04	0.02
262	35	0.21	0.85	-0.73	-1.69e-03	-4.20e-04	-2.66e-03
262	49	1.03	1.06	-0.27	-7.40e-04	4.23e-04	-0.01
262	52	-1.02	-1.06	-0.37	-1.78e-04	-4.81e-04	0.01
262	67	0.12	0.47	-0.54	-1.12e-03	-2.48e-04	-1.53e-03
262	70	4.82e-03	-3.73e-03	-0.38	-7.44e-04	-2.54e-04	4.94e-06
262	72	4.18e-03	-3.45e-03	-0.34	-5.40e-04	-9.33e-05	5.85e-06
262	74	3.93e-03	-3.34e-03	-0.32	-4.59e-04	-2.88e-05	6.22e-06
263	1	-3.73e-03	3.22e-03	-0.33	3.51e-04	-4.76e-04	2.08e-06
263	2	-4.49e-03	3.08e-03	-0.46	9.32e-04	-5.34e-05	1.92e-06
263	5	2.48	2.31	-0.35	-3.56e-04	5.34e-04	0.03
263	8	-2.49	-2.30	-0.21	1.13e-03	-1.10e-03	-0.03
263	22	0.08	-0.60	-0.70	1.82e-03	1.13e-04	-2.79e-04
263	37	1.43	1.33	-0.32	-2.41e-05	1.88e-04	0.01
263	40	-1.43	-1.32	-0.24	7.97e-04	-7.52e-04	-0.01
263	54	0.05	-0.33	-0.51	1.16e-03	-5.97e-05	-1.59e-04
263	69	-2.87e-03	2.48e-03	-0.25	2.70e-04	-3.67e-04	1.60e-06
263	70	-3.37e-03	2.39e-03	-0.34	6.57e-04	-8.45e-05	1.49e-06
263	71	-2.87e-03	2.48e-03	-0.25	2.70e-04	-3.67e-04	1.60e-06
263	72	-3.12e-03	2.43e-03	-0.30	4.64e-04	-2.26e-04	1.55e-06
263	73	-2.87e-03	2.48e-03	-0.25	2.70e-04	-3.67e-04	1.60e-06
263	74	-3.02e-03	2.45e-03	-0.28	3.86e-04	-2.82e-04	1.57e-06

264	2	7.66e-03	-2.21e-03	-0.45	8.70e-04	4.54e-05	2.90e-06
264	10	2.58	-2.41	-0.19	4.77e-04	1.11e-03	0.03
264	32	5.30e-03	-0.71	-0.67	1.77e-03	-1.08e-04	1.22e-03
264	42	1.49	-1.38	-0.22	4.04e-04	7.57e-04	0.02
264	64	4.77e-03	-0.39	-0.49	1.11e-03	6.07e-05	7.06e-04
264	70	5.80e-03	-1.59e-03	-0.33	6.09e-04	7.85e-05	2.20e-06
264	72	5.53e-03	-1.21e-03	-0.29	4.16e-04	2.20e-04	2.10e-06
264	74	5.41e-03	-1.06e-03	-0.27	3.38e-04	2.77e-04	2.05e-06
265	2	6.31e-03	6.26e-03	-0.51	-5.17e-05	1.94e-04	5.38e-06
265	9	0.11	0.10	-0.34	-1.43e-03	2.66e-04	1.26e-04
265	29	0.04	0.21	-0.33	-3.80e-03	2.82e-04	2.36e-04
265	32	-0.03	-0.21	-0.39	3.77e-03	-1.33e-05	-2.32e-04
265	41	0.07	0.05	-0.35	-7.73e-04	2.08e-04	7.09e-05
265	61	0.03	0.11	-0.34	-2.02e-03	2.14e-04	1.29e-04
265	64	-0.02	-0.11	-0.38	1.98e-03	5.45e-05	-1.25e-04
265	70	4.77e-03	4.42e-03	-0.39	-3.60e-05	1.47e-04	3.75e-06
265	72	4.47e-03	3.16e-03	-0.37	-2.39e-05	1.38e-04	2.50e-06
265	74	4.35e-03	2.66e-03	-0.36	-1.90e-05	1.34e-04	2.00e-06
266	2	-4.51e-03	-1.30e-03	-0.41	4.44e-05	-1.52e-04	9.71e-06
266	12	-0.12	-7.98e-03	-0.42	4.74e-04	-6.18e-04	2.17e-04
266	30	0.02	-0.11	-0.43	8.45e-04	-2.31e-04	-1.40e-04
266	32	-0.05	-0.09	-0.48	9.55e-04	-4.94e-04	0.0
266	44	-0.07	-3.93e-03	-0.36	2.74e-04	-2.94e-04	1.28e-04
266	62	0.01	-0.06	-0.36	4.61e-04	-1.65e-04	-7.52e-05
266	64	-0.03	-0.05	-0.39	5.25e-04	-3.16e-04	5.69e-06
266	70	-3.38e-03	-9.62e-04	-0.31	3.31e-05	-1.14e-04	7.16e-06
266	72	-3.09e-03	-8.39e-04	-0.29	2.99e-05	-1.05e-04	6.15e-06
266	74	-2.97e-03	-7.90e-04	-0.29	2.87e-05	-1.01e-04	5.75e-06
267	2	1.79e-03	5.45e-04	-0.40	1.33e-05	0.0	9.79e-06
267	9	0.11	8.81e-04	-0.20	-6.06e-04	0.0	9.35e-05
267	31	-0.02	0.13	-0.18	-1.35e-03	0.0	1.25e-04
267	32	-0.04	-0.11	-0.42	1.48e-03	0.0	-1.44e-04
267	41	0.06	-1.08e-03	-0.24	-3.25e-04	0.0	5.45e-05
267	63	-0.01	0.07	-0.23	-7.03e-04	0.0	6.91e-05
267	64	-0.02	-0.06	-0.36	7.90e-04	0.0	-7.64e-05
267	70	1.38e-03	3.68e-04	-0.31	1.02e-05	0.0	7.02e-06
267	72	1.38e-03	2.02e-04	-0.29	1.03e-05	0.0	5.38e-06
267	74	1.38e-03	1.36e-04	-0.29	1.03e-05	0.0	4.72e-06
268	2	-1.26e-03	1.01e-03	-0.40	1.06e-05	6.70e-05	7.33e-06
268	7	-0.10	0.04	-0.31	-1.89e-04	-3.75e-05	-8.32e-05
268	31	-0.04	0.07	-0.18	-1.37e-03	3.13e-04	-8.20e-05
268	32	-0.03	-0.06	-0.42	1.50e-03	-3.09e-04	4.15e-05
268	39	-0.06	0.02	-0.30	-8.66e-05	-1.63e-06	-4.63e-05
268	63	-0.02	0.04	-0.23	-7.18e-04	1.89e-04	-4.56e-05
268	64	-0.02	-0.03	-0.36	8.00e-04	-1.42e-04	2.53e-05
268	70	-9.56e-04	7.23e-04	-0.31	8.18e-06	5.14e-05	5.26e-06
268	72	-9.20e-04	5.59e-04	-0.29	8.24e-06	5.12e-05	4.04e-06
268	74	-9.05e-04	4.94e-04	-0.29	8.27e-06	5.10e-05	3.55e-06
269	2	7.57e-03	2.44e-03	-0.43	-6.68e-06	0.0	1.04e-05
269	9	0.11	0.08	-0.25	-8.44e-04	0.0	6.61e-05
269	29	0.05	0.15	-0.22	-2.19e-03	0.0	1.28e-04
269	32	-0.04	-0.15	-0.39	2.19e-03	0.0	-1.19e-04
269	41	0.07	0.05	-0.27	-4.54e-04	0.0	3.91e-05
269	61	0.03	0.08	-0.26	-1.16e-03	0.0	7.27e-05
269	64	-0.02	-0.08	-0.35	1.16e-03	0.0	-6.33e-05
269	70	5.73e-03	1.72e-03	-0.32	-4.05e-06	0.0	7.39e-06
269	72	5.42e-03	1.21e-03	-0.31	0.0	0.0	5.46e-06
269	74	5.30e-03	1.00e-03	-0.31	0.0	0.0	4.68e-06
270	2	-1.77e-03	2.17e-03	-0.43	-6.76e-06	2.61e-04	8.03e-06
270	7	-0.10	0.05	-0.32	-3.67e-04	1.70e-04	-2.86e-05
270	31	-0.04	0.07	-0.24	-2.05e-03	4.11e-04	-7.04e-05
270	32	-0.03	-0.05	-0.39	2.18e-03	-9.05e-05	6.37e-05
270	39	-0.06	0.03	-0.31	-1.84e-04	1.74e-04	-1.49e-05
270	63	-0.02	0.04	-0.27	-1.08e-03	3.04e-04	-3.91e-05
270	64	-0.02	-0.02	-0.35	1.15e-03	3.64e-05	3.83e-05
270	70	-1.34e-03	1.55e-03	-0.32	-4.12e-06	1.97e-04	5.72e-06
270	72	-1.27e-03	1.18e-03	-0.31	0.0	1.87e-04	4.22e-06
270	74	-1.25e-03	1.03e-03	-0.31	0.0	1.82e-04	3.61e-06
271	2	8.88e-03	4.37e-03	-0.47	-2.59e-05	0.0	9.82e-06
271	9	0.11	0.09	-0.30	-1.06e-03	0.0	7.58e-05
271	29	0.04	0.18	-0.28	-2.83e-03	0.0	1.69e-04
271	32	-0.03	-0.17	-0.39	2.82e-03	0.0	-1.60e-04
271	41	0.07	0.05	-0.31	-5.74e-04	0.0	4.31e-05
271	61	0.03	0.09	-0.31	-1.50e-03	0.0	9.21e-05
271	64	-0.02	-0.09	-0.37	1.48e-03	0.0	-8.37e-05
271	70	6.71e-03	3.09e-03	-0.36	-1.77e-05	0.0	6.96e-06
271	72	6.30e-03	2.20e-03	-0.34	-1.05e-05	0.0	5.01e-06

271	74	6.14e-03	1.85e-03	-0.34	-7.59e-06	0.0	4.23e-06
272	2	-1.77e-03	3.36e-03	-0.47	-2.42e-05	2.86e-04	7.63e-06
272	7	-0.10	0.04	-0.35	-5.36e-04	1.75e-04	-5.68e-06
272	31	-0.04	0.07	-0.30	-2.74e-03	3.41e-04	-7.84e-05
272	32	-0.03	-0.04	-0.39	2.87e-03	1.68e-05	7.12e-05
272	39	-0.06	0.03	-0.35	-2.77e-04	1.84e-04	-2.28e-06
272	63	-0.02	0.04	-0.32	-1.45e-03	2.74e-04	-4.33e-05
272	64	-0.02	-0.02	-0.37	1.51e-03	1.01e-04	4.19e-05
272	70	-1.34e-03	2.40e-03	-0.36	-1.64e-05	2.16e-04	5.40e-06
272	72	-1.27e-03	1.80e-03	-0.34	-9.53e-06	2.03e-04	3.89e-06
272	74	-1.24e-03	1.56e-03	-0.34	-6.77e-06	1.98e-04	3.28e-06
273	2	-1.06e-03	4.98e-03	-0.53	-4.68e-05	1.01e-04	3.50e-06
273	7	-0.10	-4.59e-03	-0.37	-8.59e-04	5.67e-05	-2.05e-05
273	29	0.02	0.07	-0.37	-3.97e-03	1.75e-04	8.69e-05
273	30	0.03	-0.05	-0.39	3.79e-03	-1.22e-05	-5.88e-05
273	39	-0.06	-2.46e-03	-0.37	-4.53e-04	6.17e-05	-1.20e-05
273	61	0.01	0.04	-0.37	-2.10e-03	1.26e-04	4.97e-05
273	62	0.02	-0.03	-0.38	1.99e-03	2.67e-05	-3.22e-05
273	70	-7.99e-04	3.54e-03	-0.40	-3.24e-05	7.64e-05	2.46e-06
273	72	-7.56e-04	2.61e-03	-0.38	-2.08e-05	7.21e-05	1.69e-06
273	74	-7.39e-04	2.23e-03	-0.38	-1.62e-05	7.03e-05	1.38e-06
274	2	3.42e-03	6.91e-03	-0.53	-4.87e-05	0.0	4.05e-06
274	9	0.11	0.10	-0.38	-1.40e-03	0.0	6.94e-05
274	29	0.04	0.23	-0.37	-3.93e-03	0.0	9.68e-05
274	30	0.03	-0.20	-0.39	3.76e-03	0.0	-6.78e-05
274	37	0.06	0.05	-0.38	-7.12e-04	0.0	4.27e-05
274	61	0.02	0.12	-0.37	-2.08e-03	0.0	5.50e-05
274	62	0.02	-0.11	-0.38	1.97e-03	0.0	-3.68e-05
274	70	2.58e-03	4.88e-03	-0.40	-3.38e-05	0.0	2.83e-06
274	72	2.43e-03	3.47e-03	-0.38	-2.18e-05	0.0	1.92e-06
274	74	2.37e-03	2.90e-03	-0.38	-1.71e-05	0.0	1.55e-06
275	2	-7.12e-04	5.43e-03	-0.54	-5.22e-05	6.35e-05	2.88e-06
275	7	-0.10	2.73e-03	-0.38	-1.01e-03	8.81e-05	-1.59e-05
275	9	0.10	0.04	-0.39	-1.50e-03	2.79e-05	5.87e-05
275	29	0.03	0.07	-0.39	-4.33e-03	8.51e-05	7.66e-05
275	39	-0.06	1.76e-03	-0.38	-5.35e-04	6.89e-05	-9.48e-06
275	41	0.06	0.02	-0.39	-8.07e-04	3.40e-05	3.41e-05
275	61	0.01	0.04	-0.38	-2.29e-03	6.55e-05	4.34e-05
275	70	-5.39e-04	3.86e-03	-0.41	-3.62e-05	4.80e-05	2.02e-06
275	72	-5.10e-04	2.82e-03	-0.39	-2.33e-05	4.51e-05	1.39e-06
275	74	-4.99e-04	2.41e-03	-0.38	-1.81e-05	4.39e-05	1.13e-06
276	2	2.06e-03	7.54e-03	-0.54	-5.28e-05	0.0	3.54e-06
276	5	0.10	0.09	-0.39	-1.43e-03	0.0	8.85e-05
276	9	0.10	0.10	-0.39	-1.51e-03	0.0	8.34e-05
276	29	0.04	0.25	-0.39	-4.34e-03	0.0	1.38e-04
276	37	0.06	0.05	-0.39	-7.71e-04	0.0	5.01e-05
276	41	0.06	0.05	-0.39	-8.10e-04	0.0	4.75e-05
276	61	0.02	0.13	-0.38	-2.30e-03	0.0	7.56e-05
276	70	1.55e-03	5.32e-03	-0.41	-3.66e-05	0.0	2.47e-06
276	72	1.46e-03	3.76e-03	-0.39	-2.36e-05	0.0	1.67e-06
276	74	1.42e-03	3.14e-03	-0.38	-1.84e-05	0.0	1.35e-06
277	2	-4.63e-04	5.82e-03	-0.55	-5.78e-05	5.95e-05	2.47e-06
277	7	-0.10	9.88e-03	-0.40	-1.17e-03	3.24e-05	-9.86e-06
277	11	-0.10	0.01	-0.40	-1.23e-03	3.30e-05	-1.56e-05
277	29	0.03	0.08	-0.39	-4.74e-03	6.57e-05	6.59e-05
277	39	-0.06	5.88e-03	-0.39	-6.20e-04	3.57e-05	-6.14e-06
277	43	-0.06	7.67e-03	-0.39	-6.53e-04	3.60e-05	-9.24e-06
277	61	0.01	0.04	-0.39	-2.51e-03	5.43e-05	3.69e-05
277	70	-3.50e-04	4.13e-03	-0.42	-4.01e-05	4.49e-05	1.73e-06
277	72	-3.31e-04	3.01e-03	-0.40	-2.58e-05	4.19e-05	1.19e-06
277	74	-3.23e-04	2.56e-03	-0.39	-2.01e-05	4.07e-05	0.0
278	2	1.50e-03	8.17e-03	-0.55	-5.88e-05	0.0	3.18e-06
278	5	0.10	0.09	-0.38	-1.52e-03	0.0	8.57e-05
278	11	-0.10	0.06	-0.40	-1.22e-03	0.0	1.15e-05
278	29	0.04	0.27	-0.39	-4.68e-03	0.0	1.64e-04
278	37	0.06	0.05	-0.39	-8.18e-04	0.0	4.79e-05
278	43	-0.06	0.03	-0.40	-6.46e-04	0.0	5.00e-06
278	61	0.02	0.14	-0.39	-2.48e-03	0.0	8.83e-05
278	70	1.13e-03	5.76e-03	-0.42	-4.08e-05	0.0	2.22e-06
278	72	1.05e-03	4.06e-03	-0.40	-2.63e-05	0.0	1.50e-06
278	74	1.02e-03	3.38e-03	-0.39	-2.05e-05	0.0	1.21e-06
279	2	-2.41e-04	8.77e-03	-0.55	-6.82e-05	-1.44e-06	0.0
279	8	-0.11	-0.09	-0.39	1.72e-03	-6.13e-05	2.96e-06
279	29	0.04	0.29	-0.40	-5.46e-03	2.74e-05	6.20e-05
279	40	-0.06	-0.05	-0.39	8.99e-04	-3.56e-05	2.94e-06
279	61	0.02	0.16	-0.40	-2.89e-03	1.49e-05	3.26e-05
279	70	-1.82e-04	6.18e-03	-0.42	-4.72e-05	-1.08e-06	0.0

279	72	-1.71e-04	4.34e-03	-0.40	-3.04e-05	0.0	0.0
279	74	-1.66e-04	3.60e-03	-0.39	-2.37e-05	0.0	0.0
280	2	3.32e-05	6.15e-03	-0.55	-6.32e-05	-4.98e-05	0.0
280	6	0.10	-0.02	-0.39	1.33e-03	-4.69e-05	-3.74e-05
280	29	0.03	0.08	-0.40	-5.07e-03	-3.15e-05	-1.75e-05
280	38	0.06	-7.26e-03	-0.39	6.89e-04	-4.13e-05	-2.13e-05
280	61	0.02	0.04	-0.39	-2.68e-03	-3.28e-05	-9.84e-06
280	70	2.51e-05	4.36e-03	-0.42	-4.38e-05	-3.75e-05	0.0
280	72	2.35e-05	3.17e-03	-0.40	-2.82e-05	-3.50e-05	0.0
280	74	2.29e-05	2.69e-03	-0.39	-2.20e-05	-3.40e-05	0.0
281	2	-1.29e-03	8.71e-03	-0.55	-6.41e-05	0.0	0.0
281	8	-0.10	-0.09	-0.38	1.56e-03	0.0	4.43e-05
281	29	0.03	0.28	-0.40	-5.01e-03	0.0	-7.59e-05
281	33	0.01	0.28	-0.40	-5.02e-03	0.0	-7.10e-05
281	40	-0.06	-0.04	-0.39	8.14e-04	0.0	2.50e-05
281	61	0.02	0.15	-0.40	-2.65e-03	0.0	-4.08e-05
281	65	7.86e-03	0.15	-0.39	-2.66e-03	0.0	-3.81e-05
281	70	-9.70e-04	6.14e-03	-0.42	-4.44e-05	0.0	0.0
281	72	-9.04e-04	4.31e-03	-0.40	-2.86e-05	0.0	0.0
281	74	-8.78e-04	3.58e-03	-0.39	-2.23e-05	0.0	0.0
282	2	6.62e-05	6.16e-03	-0.54	-6.30e-05	0.0	0.0
282	6	0.10	-0.02	-0.38	1.35e-03	-5.07e-05	-3.08e-05
282	25	5.60e-03	0.08	-0.39	-5.01e-03	-3.74e-06	2.57e-05
282	38	0.06	-8.43e-03	-0.39	7.03e-04	-2.92e-05	-1.75e-05
282	57	3.27e-03	0.04	-0.39	-2.65e-03	-2.30e-06	1.44e-05
282	70	5.06e-05	4.37e-03	-0.41	-4.37e-05	0.0	0.0
282	72	4.94e-05	3.17e-03	-0.39	-2.81e-05	0.0	0.0
282	74	4.89e-05	2.69e-03	-0.39	-2.19e-05	0.0	0.0
283	2	6.00e-05	8.69e-03	-0.54	-6.34e-05	0.0	0.0
283	5	0.10	0.09	-0.39	-1.62e-03	0.0	-2.43e-05
283	25	0.02	0.28	-0.39	-5.02e-03	0.0	3.54e-05
283	33	0.02	0.28	-0.39	-5.03e-03	0.0	-2.73e-05
283	37	0.06	0.05	-0.39	-8.63e-04	0.0	-1.38e-05
283	57	9.08e-03	0.15	-0.39	-2.66e-03	0.0	1.97e-05
283	65	8.67e-03	0.15	-0.39	-2.66e-03	0.0	-1.50e-05
283	70	4.57e-05	6.13e-03	-0.41	-4.40e-05	0.0	0.0
283	72	4.44e-05	4.30e-03	-0.39	-2.83e-05	0.0	0.0
283	74	4.39e-05	3.57e-03	-0.39	-2.20e-05	0.0	0.0
284	2	9.80e-05	6.21e-03	-0.55	-6.31e-05	4.98e-05	0.0
284	5	0.10	0.03	-0.39	-1.65e-03	2.16e-05	-2.13e-05
284	21	0.04	0.08	-0.40	-5.07e-03	2.50e-05	1.83e-06
284	23	-0.03	0.08	-0.40	-5.00e-03	3.14e-05	1.64e-05
284	37	0.06	0.02	-0.39	-8.82e-04	2.69e-05	-1.22e-05
284	53	0.02	0.05	-0.39	-2.68e-03	2.90e-05	0.0
284	55	-0.01	0.04	-0.39	-2.64e-03	3.27e-05	9.29e-06
284	70	7.52e-05	4.41e-03	-0.42	-4.37e-05	3.75e-05	0.0
284	72	7.44e-05	3.21e-03	-0.40	-2.81e-05	3.50e-05	0.0
284	74	7.41e-05	2.73e-03	-0.39	-2.18e-05	3.40e-05	0.0
285	2	1.42e-03	8.77e-03	-0.55	-6.42e-05	0.0	0.0
285	6	0.10	-0.07	-0.38	1.34e-03	0.0	-5.42e-05
285	21	0.03	0.28	-0.40	-5.01e-03	0.0	5.67e-05
285	23	-0.03	0.28	-0.40	-4.94e-03	0.0	7.74e-05
285	38	0.06	-0.04	-0.39	6.95e-04	0.0	-3.00e-05
285	53	0.02	0.15	-0.39	-2.65e-03	0.0	2.99e-05
285	55	-0.02	0.15	-0.40	-2.61e-03	0.0	4.17e-05
285	70	1.07e-03	6.18e-03	-0.42	-4.45e-05	0.0	0.0
285	72	1.00e-03	4.35e-03	-0.40	-2.86e-05	0.0	0.0
285	74	9.74e-04	3.62e-03	-0.39	-2.23e-05	0.0	0.0
286	2	3.88e-04	8.89e-03	-0.55	-6.91e-05	1.85e-06	0.0
286	6	0.11	-0.07	-0.39	1.40e-03	6.21e-05	-1.39e-05
286	21	0.03	0.29	-0.40	-5.47e-03	7.10e-06	-9.11e-05
286	23	-0.04	0.28	-0.40	-5.35e-03	-2.74e-05	-6.84e-05
286	38	0.06	-0.03	-0.39	7.23e-04	3.62e-05	-8.47e-06
286	53	0.02	0.16	-0.40	-2.90e-03	5.07e-06	-4.91e-05
286	55	-0.02	0.15	-0.40	-2.83e-03	-1.48e-05	-3.63e-05
286	70	2.94e-04	6.27e-03	-0.42	-4.80e-05	1.39e-06	0.0
286	72	2.80e-04	4.42e-03	-0.40	-3.10e-05	1.28e-06	0.0
286	74	2.74e-04	3.68e-03	-0.39	-2.42e-05	1.24e-06	0.0
287	2	5.91e-04	5.95e-03	-0.55	-5.65e-05	-5.91e-05	-2.40e-06
287	5	0.10	0.04	-0.40	-1.60e-03	-3.32e-05	-4.54e-05
287	21	0.04	0.08	-0.40	-4.73e-03	-5.76e-05	-6.82e-05
287	37	0.06	0.02	-0.40	-8.58e-04	-3.60e-05	-2.62e-05
287	53	0.02	0.04	-0.39	-2.50e-03	-4.95e-05	-3.80e-05
287	70	4.48e-04	4.23e-03	-0.42	-3.90e-05	-4.46e-05	-1.68e-06
287	72	4.26e-04	3.10e-03	-0.40	-2.46e-05	-4.16e-05	-1.14e-06
287	74	4.17e-04	2.65e-03	-0.39	-1.88e-05	-4.05e-05	0.0
288	2	-1.35e-03	8.24e-03	-0.55	-5.77e-05	0.0	-3.28e-06

288	5	0.10	0.10	-0.40	-1.58e-03	0.0	-7.57e-05
288	7	-0.10	0.06	-0.38	-1.21e-03	0.0	-2.24e-05
288	21	0.02	0.27	-0.40	-4.67e-03	0.0	-1.68e-04
288	37	0.06	0.05	-0.40	-8.47e-04	0.0	-4.22e-05
288	39	-0.06	0.03	-0.39	-6.45e-04	0.0	-1.12e-05
288	53	0.01	0.14	-0.39	-2.47e-03	0.0	-9.07e-05
288	70	-1.02e-03	5.81e-03	-0.42	-3.98e-05	0.0	-2.30e-06
288	72	-9.44e-04	4.10e-03	-0.40	-2.52e-05	0.0	-1.59e-06
288	74	-9.15e-04	3.42e-03	-0.39	-1.93e-05	0.0	-1.30e-06
289	2	8.35e-04	5.56e-03	-0.54	-4.97e-05	-6.26e-05	-2.92e-06
289	5	0.10	0.04	-0.39	-1.49e-03	-8.93e-05	-5.39e-05
289	21	0.04	0.07	-0.39	-4.31e-03	-1.04e-04	-7.95e-05
289	37	0.06	0.02	-0.39	-7.99e-04	-6.93e-05	-3.13e-05
289	53	0.02	0.04	-0.38	-2.28e-03	-7.62e-05	-4.49e-05
289	70	6.33e-04	3.96e-03	-0.41	-3.42e-05	-4.73e-05	-2.05e-06
289	72	6.02e-04	2.91e-03	-0.39	-2.11e-05	-4.44e-05	-1.42e-06
289	74	5.89e-04	2.50e-03	-0.38	-1.58e-05	-4.32e-05	-1.17e-06
290	2	-1.89e-03	7.57e-03	-0.54	-5.03e-05	0.0	-3.75e-06
290	5	0.10	0.09	-0.39	-1.50e-03	0.0	-7.79e-05
290	7	-0.10	0.05	-0.38	-1.08e-03	0.0	-2.91e-06
290	21	0.02	0.24	-0.39	-4.32e-03	0.0	-1.42e-04
290	37	0.06	0.05	-0.39	-8.01e-04	0.0	-4.43e-05
290	39	-0.06	0.03	-0.38	-5.73e-04	0.0	0.0
290	53	0.01	0.13	-0.39	-2.29e-03	0.0	-7.78e-05
290	70	-1.43e-03	5.34e-03	-0.41	-3.46e-05	0.0	-2.64e-06
290	72	-1.33e-03	3.77e-03	-0.39	-2.14e-05	0.0	-1.84e-06
290	74	-1.29e-03	3.14e-03	-0.38	-1.61e-05	0.0	-1.52e-06
291	2	1.17e-03	5.10e-03	-0.53	-4.30e-05	-9.87e-05	-3.65e-06
291	5	0.10	0.04	-0.37	-1.40e-03	-6.05e-05	1.28e-05
291	21	0.04	0.07	-0.36	-3.94e-03	-1.53e-04	-6.76e-05
291	24	-0.03	-0.06	-0.39	3.91e-03	1.61e-05	6.46e-05
291	37	0.06	0.02	-0.37	-7.49e-04	-6.30e-05	7.26e-06
291	53	0.02	0.04	-0.37	-2.08e-03	-1.13e-04	-3.83e-05
291	56	-0.02	-0.03	-0.38	2.06e-03	-2.36e-05	3.53e-05
291	70	8.88e-04	3.63e-03	-0.40	-2.94e-05	-7.46e-05	-2.57e-06
291	72	8.43e-04	2.69e-03	-0.38	-1.76e-05	-7.02e-05	-1.80e-06
291	74	8.25e-04	2.31e-03	-0.38	-1.29e-05	-6.85e-05	-1.50e-06
292	2	-3.21e-03	6.87e-03	-0.53	-4.50e-05	0.0	-4.35e-06
292	7	-0.11	0.04	-0.38	-9.38e-04	0.0	5.85e-06
292	21	0.02	0.22	-0.36	-3.91e-03	0.0	-1.03e-04
292	24	-0.03	-0.22	-0.39	3.88e-03	0.0	9.90e-05
292	39	-0.06	0.02	-0.38	-4.95e-04	0.0	3.34e-06
292	53	0.01	0.12	-0.37	-2.07e-03	0.0	-5.81e-05
292	56	-0.02	-0.11	-0.38	2.04e-03	0.0	5.45e-05
292	70	-2.42e-03	4.85e-03	-0.40	-3.09e-05	0.0	-3.07e-06
292	72	-2.27e-03	3.42e-03	-0.38	-1.87e-05	0.0	-2.16e-06
292	74	-2.21e-03	2.85e-03	-0.38	-1.38e-05	0.0	-1.80e-06
293	2	-6.08e-03	6.15e-03	-0.51	-4.69e-05	-1.91e-04	-5.69e-06
293	7	-0.11	0.03	-0.34	-8.22e-04	-2.64e-04	-1.25e-04
293	21	0.02	0.21	-0.34	-3.75e-03	-2.24e-04	-2.08e-04
293	22	0.03	-0.18	-0.39	3.55e-03	1.84e-05	2.37e-04
293	39	-0.07	0.01	-0.35	-4.33e-04	-2.06e-04	-7.03e-05
293	53	0.01	0.11	-0.35	-1.98e-03	-1.80e-04	-1.12e-04
293	54	0.02	-0.09	-0.38	1.86e-03	-5.05e-05	1.27e-04
293	70	-4.58e-03	4.33e-03	-0.39	-3.23e-05	-1.44e-04	-3.99e-06
293	72	-4.29e-03	3.06e-03	-0.37	-1.98e-05	-1.35e-04	-2.74e-06
293	74	-4.17e-03	2.54e-03	-0.36	-1.48e-05	-1.32e-04	-2.24e-06
294	2	1.87e-03	3.39e-03	-0.47	-1.75e-05	-2.82e-04	-8.00e-06
294	5	0.10	0.05	-0.35	-1.06e-03	-1.81e-04	4.27e-05
294	21	0.04	0.06	-0.30	-2.85e-03	-3.42e-04	8.01e-05
294	22	0.03	-0.04	-0.39	2.72e-03	-9.93e-06	-7.33e-05
294	37	0.06	0.03	-0.34	-5.66e-04	-1.86e-04	2.30e-05
294	53	0.02	0.04	-0.32	-1.51e-03	-2.73e-04	4.41e-05
294	54	0.02	-0.02	-0.37	1.43e-03	-9.54e-05	-4.32e-05
294	70	1.42e-03	2.42e-03	-0.36	-1.13e-05	-2.13e-04	-5.69e-06
294	72	1.34e-03	1.82e-03	-0.34	-4.07e-06	-2.00e-04	-4.17e-06
294	74	1.31e-03	1.58e-03	-0.34	-1.20e-06	-1.95e-04	-3.56e-06
295	2	-8.60e-03	4.14e-03	-0.47	-1.94e-05	0.0	-1.04e-05
295	7	-0.11	0.01	-0.30	-6.09e-04	0.0	-7.93e-05
295	21	0.02	0.17	-0.30	-2.81e-03	0.0	-1.48e-04
295	22	0.03	-0.15	-0.39	2.67e-03	0.0	1.56e-04
295	39	-0.07	6.21e-03	-0.32	-3.15e-04	0.0	-4.54e-05
295	53	7.52e-03	0.09	-0.32	-1.48e-03	0.0	-8.10e-05
295	54	0.02	-0.08	-0.37	1.41e-03	0.0	8.15e-05
295	70	-6.49e-03	2.91e-03	-0.36	-1.26e-05	0.0	-7.38e-06
295	72	-6.09e-03	2.01e-03	-0.34	-5.07e-06	0.0	-5.43e-06
295	74	-5.93e-03	1.65e-03	-0.34	-2.06e-06	0.0	-4.65e-06

296	2	1.86e-03	2.14e-03	-0.43	1.55e-06	-2.54e-04	-8.44e-06
296	5	0.10	0.05	-0.32	-8.21e-04	-1.78e-04	3.71e-05
296	21	0.04	0.07	-0.24	-2.17e-03	-4.11e-04	7.05e-05
296	22	0.03	-0.05	-0.40	2.07e-03	1.02e-04	-6.60e-05
296	37	0.06	0.03	-0.31	-4.37e-04	-1.76e-04	1.97e-05
296	53	0.02	0.04	-0.27	-1.14e-03	-3.02e-04	3.90e-05
296	54	0.02	-0.02	-0.36	1.09e-03	-2.75e-05	-3.97e-05
296	70	1.41e-03	1.53e-03	-0.33	2.35e-06	-1.92e-04	-6.03e-06
296	72	1.34e-03	1.16e-03	-0.31	6.12e-06	-1.82e-04	-4.53e-06
296	74	1.32e-03	1.01e-03	-0.31	7.63e-06	-1.77e-04	-3.93e-06
297	2	-7.22e-03	2.09e-03	-0.43	1.35e-06	0.0	-1.09e-05
297	7	-0.11	5.03e-03	-0.25	-4.38e-04	0.0	-1.53e-05
297	21	0.02	0.15	-0.24	-2.18e-03	0.0	-1.29e-04
297	22	0.04	-0.12	-0.40	2.08e-03	0.0	1.04e-04
297	39	-0.07	1.20e-03	-0.28	-2.20e-04	0.0	-1.00e-05
297	53	7.18e-03	0.08	-0.27	-1.15e-03	0.0	-7.33e-05
297	54	0.02	-0.07	-0.36	1.10e-03	0.0	5.46e-05
297	70	-5.46e-03	1.44e-03	-0.33	2.22e-06	0.0	-7.80e-06
297	72	-5.15e-03	9.16e-04	-0.31	6.05e-06	0.0	-5.87e-06
297	74	-5.02e-03	7.05e-04	-0.31	7.58e-06	0.0	-5.09e-06
298	2	1.34e-03	9.23e-04	-0.41	2.07e-05	-5.88e-05	-7.71e-06
298	5	0.10	0.05	-0.30	-6.00e-04	2.55e-05	9.18e-05
298	21	0.04	0.07	-0.18	-1.50e-03	-3.12e-04	8.09e-05
298	22	0.03	-0.06	-0.43	1.43e-03	3.22e-04	-4.23e-05
298	37	0.06	0.03	-0.30	-3.17e-04	-1.96e-06	5.11e-05
298	53	0.02	0.04	-0.23	-7.87e-04	-1.86e-04	4.48e-05
298	54	0.01	-0.03	-0.36	7.59e-04	1.53e-04	-2.59e-05
298	70	1.02e-03	6.58e-04	-0.31	1.60e-05	-4.51e-05	-5.55e-06
298	72	9.83e-04	4.89e-04	-0.29	1.64e-05	-4.47e-05	-4.33e-06
298	74	9.67e-04	4.22e-04	-0.29	1.65e-05	-4.45e-05	-3.84e-06
299	1	-1.39e-03	-4.65e-04	-0.37	2.28e-05	0.0	-5.34e-06
299	2	-1.41e-03	8.39e-05	-0.41	2.15e-05	0.0	-1.03e-05
299	7	-0.11	2.39e-03	-0.21	-2.32e-04	0.0	-8.83e-05
299	22	0.04	-0.11	-0.43	1.40e-03	0.0	1.39e-04
299	24	-0.02	-0.13	-0.40	1.51e-03	0.0	1.13e-04
299	39	-0.06	-2.71e-04	-0.24	-1.06e-04	0.0	-5.17e-05
299	54	0.02	-0.06	-0.36	7.44e-04	0.0	7.34e-05
299	56	-0.01	-0.07	-0.35	8.07e-04	0.0	5.82e-05
299	69	-1.07e-03	-3.58e-04	-0.28	1.75e-05	0.0	-4.11e-06
299	70	-1.08e-03	8.21e-06	-0.31	1.67e-05	0.0	-7.39e-06
299	71	-1.07e-03	-3.58e-04	-0.28	1.75e-05	0.0	-4.11e-06
299	72	-1.08e-03	-1.75e-04	-0.30	1.71e-05	0.0	-5.75e-06
299	73	-1.07e-03	-3.58e-04	-0.28	1.75e-05	0.0	-4.11e-06
299	74	-1.07e-03	-2.48e-04	-0.29	1.73e-05	0.0	-5.09e-06
300	2	4.89e-03	-1.79e-03	-0.41	4.54e-05	1.58e-04	-9.78e-06
300	6	0.12	-9.69e-03	-0.43	1.29e-04	6.21e-04	-2.19e-04
300	22	0.05	-0.10	-0.49	9.15e-04	5.06e-04	-6.21e-06
300	24	-0.02	-0.11	-0.44	1.02e-03	2.45e-04	1.34e-04
300	38	0.07	-5.22e-03	-0.37	7.57e-05	3.98e-04	-1.29e-04
300	54	0.03	-0.05	-0.40	5.02e-04	3.25e-04	-8.94e-06
300	56	-9.61e-03	-0.06	-0.37	5.66e-04	1.75e-04	7.19e-05
300	70	3.67e-03	-1.35e-03	-0.31	3.41e-05	1.19e-04	-7.21e-06
300	72	3.38e-03	-1.24e-03	-0.30	3.15e-05	1.10e-04	-6.22e-06
300	74	3.27e-03	-1.20e-03	-0.29	3.05e-05	1.06e-04	-5.82e-06
301	1	1.23e-03	-3.50e-04	-0.37	-4.68e-06	8.70e-05	-3.52e-06
301	2	1.47e-03	-3.04e-04	-0.40	5.42e-06	1.07e-04	-4.55e-06
301	5	0.10	0.04	-0.34	-2.81e-04	4.72e-04	-2.13e-04
301	22	0.03	-0.07	-0.41	3.64e-04	4.48e-04	-8.13e-05
301	24	-0.03	-0.08	-0.36	4.58e-04	1.65e-04	4.71e-05
301	37	0.06	0.02	-0.32	-1.58e-04	3.03e-04	-1.24e-04
301	54	0.02	-0.04	-0.35	1.92e-04	2.78e-04	-4.79e-05
301	56	-0.02	-0.04	-0.32	2.46e-04	1.16e-04	2.61e-05
301	69	9.43e-04	-2.69e-04	-0.28	-3.60e-06	6.69e-05	-2.71e-06
301	70	1.10e-03	-2.39e-04	-0.31	3.13e-06	8.05e-05	-3.40e-06
301	71	9.43e-04	-2.69e-04	-0.28	-3.60e-06	6.69e-05	-2.71e-06
301	72	1.02e-03	-2.54e-04	-0.29	0.0	7.37e-05	-3.05e-06
301	73	9.43e-04	-2.69e-04	-0.28	-3.60e-06	6.69e-05	-2.71e-06
301	74	9.91e-04	-2.60e-04	-0.29	-1.58e-06	7.10e-05	-2.91e-06
302	1	4.89e-03	2.76e-04	-0.37	0.0	9.90e-05	-6.53e-06
302	2	5.97e-03	3.34e-05	-0.40	0.0	1.21e-04	-7.82e-06
302	6	0.13	-5.78e-03	-0.40	0.0	6.09e-04	-2.58e-04
302	21	0.03	0.10	-0.22	0.0	-2.10e-05	-4.94e-05
302	22	0.05	-0.08	-0.41	0.0	4.57e-04	-1.08e-04
302	38	0.07	-2.51e-03	-0.35	0.0	3.81e-04	-1.51e-04
302	53	0.02	0.05	-0.25	0.0	3.12e-05	-3.20e-05
302	54	0.03	-0.05	-0.35	0.0	2.87e-04	-6.29e-05
302	69	3.76e-03	2.12e-04	-0.28	0.0	7.62e-05	-5.02e-06

302	70	4.48e-03	5.06e-05	-0.31	0.0	9.09e-05	-5.89e-06
302	71	3.76e-03	2.12e-04	-0.28	0.0	7.62e-05	-5.02e-06
302	72	4.12e-03	1.31e-04	-0.29	0.0	8.35e-05	-5.45e-06
302	73	3.76e-03	2.12e-04	-0.28	0.0	7.62e-05	-5.02e-06
302	74	3.98e-03	1.64e-04	-0.29	0.0	8.06e-05	-5.28e-06
303	2	1.98e-03	-6.67e-04	-0.41	-1.10e-04	1.34e-04	-3.44e-06
303	6	0.11	-5.38e-03	-0.40	-1.80e-04	7.72e-04	-2.25e-04
303	24	-0.03	-0.08	-0.32	1.48e-04	8.57e-05	5.92e-05
303	38	0.07	-2.84e-03	-0.36	-1.41e-04	4.79e-04	-1.30e-04
303	56	-0.02	-0.04	-0.31	4.31e-05	8.07e-05	3.32e-05
303	70	1.49e-03	-5.12e-04	-0.31	-8.44e-05	1.01e-04	-2.62e-06
303	72	1.38e-03	-5.09e-04	-0.30	-8.24e-05	9.32e-05	-2.53e-06
303	74	1.34e-03	-5.08e-04	-0.29	-8.17e-05	9.02e-05	-2.50e-06
304	2	7.51e-03	3.41e-03	-0.41	0.0	1.40e-04	-7.84e-06
304	6	0.14	-1.55e-03	-0.40	0.0	7.91e-04	-2.23e-04
304	21	0.04	0.09	-0.27	0.0	1.05e-04	-9.88e-05
304	38	0.08	8.43e-04	-0.36	0.0	4.92e-04	-1.31e-04
304	53	0.02	0.05	-0.28	0.0	1.07e-04	-5.81e-05
304	70	5.65e-03	2.61e-03	-0.31	0.0	1.06e-04	-5.97e-06
304	72	5.24e-03	2.54e-03	-0.30	0.0	9.78e-05	-5.76e-06
304	74	5.07e-03	2.52e-03	-0.29	0.0	9.47e-05	-5.67e-06
305	2	2.34e-03	-8.47e-04	-0.43	-1.83e-04	1.60e-04	-2.23e-06
305	6	0.13	-5.52e-03	-0.43	-2.31e-04	9.53e-04	-1.80e-04
305	24	-0.03	-0.08	-0.32	2.84e-05	0.0	5.52e-05
305	38	0.08	-2.96e-03	-0.38	-1.90e-04	5.93e-04	-1.05e-04
305	56	-0.02	-0.04	-0.31	-4.31e-05	4.12e-05	3.10e-05
305	70	1.77e-03	-6.47e-04	-0.33	-1.39e-04	1.20e-04	-1.73e-06
305	72	1.66e-03	-6.32e-04	-0.31	-1.33e-04	1.12e-04	-1.78e-06
305	74	1.61e-03	-6.25e-04	-0.31	-1.30e-04	1.09e-04	-1.80e-06
306	2	9.38e-03	5.19e-03	-0.43	0.0	1.84e-04	-8.53e-06
306	6	0.17	-1.46e-04	-0.43	0.0	8.80e-04	-2.82e-04
306	21	0.05	0.09	-0.30	0.0	2.04e-04	-6.85e-05
306	38	0.10	2.14e-03	-0.38	0.0	5.58e-04	-1.65e-04
306	53	0.03	0.05	-0.31	0.0	1.76e-04	-4.29e-05
306	70	7.07e-03	3.94e-03	-0.33	0.0	1.39e-04	-6.52e-06
306	72	6.61e-03	3.77e-03	-0.31	0.0	1.30e-04	-6.37e-06
306	74	6.43e-03	3.71e-03	-0.31	0.0	1.26e-04	-6.32e-06
307	2	0.01	2.33e-03	-0.45	-5.80e-05	3.15e-04	-1.81e-06
307	6	0.20	-3.81e-03	-0.44	1.29e-05	1.71e-03	-8.24e-05
307	21	0.06	0.09	-0.34	-7.02e-04	5.75e-04	-1.02e-04
307	38	0.12	-8.39e-04	-0.39	-1.70e-05	1.08e-03	-4.93e-05
307	53	0.04	0.05	-0.33	-4.01e-04	4.26e-04	-5.60e-05
307	70	9.71e-03	1.77e-03	-0.34	-4.42e-05	2.38e-04	-1.40e-06
307	72	9.15e-03	1.72e-03	-0.33	-4.29e-05	2.25e-04	-1.44e-06
307	74	8.93e-03	1.69e-03	-0.32	-4.24e-05	2.20e-04	-1.45e-06
308	1	2.20e-03	-1.99e-04	-0.41	1.29e-05	1.74e-04	0.0
308	2	2.47e-03	-1.77e-04	-0.45	2.06e-05	2.03e-04	0.0
308	10	0.14	2.76e-03	-0.44	5.63e-05	1.08e-03	7.30e-05
308	24	-0.04	-0.08	-0.29	-1.38e-05	-9.21e-05	-5.44e-06
308	42	0.08	1.83e-03	-0.39	3.73e-05	6.81e-04	4.22e-05
308	56	-0.02	-0.04	-0.31	-3.09e-06	5.28e-06	-2.95e-06
308	69	1.70e-03	-1.53e-04	-0.32	9.96e-06	1.34e-04	0.0
308	70	1.87e-03	-1.39e-04	-0.34	1.51e-05	1.53e-04	0.0
308	71	1.70e-03	-1.53e-04	-0.32	9.96e-06	1.34e-04	0.0
308	72	1.78e-03	-1.46e-04	-0.33	1.25e-05	1.44e-04	0.0
308	73	1.70e-03	-1.53e-04	-0.32	9.96e-06	1.34e-04	0.0
308	74	1.75e-03	-1.48e-04	-0.32	1.15e-05	1.40e-04	0.0
309	1	9.78e-03	1.44e-04	-0.41	0.0	1.97e-04	0.0
309	2	0.01	5.80e-06	-0.45	0.0	2.28e-04	1.01e-06
309	10	0.18	2.40e-03	-0.44	0.0	1.01e-03	1.23e-04
309	21	0.06	0.08	-0.36	0.0	3.67e-04	6.98e-05
309	42	0.11	1.71e-03	-0.39	0.0	6.50e-04	7.11e-05
309	53	0.04	0.05	-0.34	0.0	2.79e-04	3.97e-05
309	69	7.52e-03	1.11e-04	-0.32	0.0	1.51e-04	0.0
309	70	8.52e-03	1.86e-05	-0.34	0.0	1.72e-04	0.0
309	71	7.52e-03	1.11e-04	-0.32	0.0	1.51e-04	0.0
309	72	8.02e-03	6.47e-05	-0.33	0.0	1.62e-04	0.0
309	73	7.52e-03	1.11e-04	-0.32	0.0	1.51e-04	0.0
309	74	7.82e-03	8.32e-05	-0.32	0.0	1.57e-04	0.0
310	1	2.13e-03	-2.24e-04	-0.41	-2.28e-05	1.90e-04	0.0
310	2	2.37e-03	-2.23e-04	-0.45	-2.28e-05	2.20e-04	0.0
310	10	0.14	2.78e-03	-0.44	-9.71e-05	1.04e-03	9.46e-05
310	14	0.13	-0.03	-0.44	-1.12e-04	1.03e-03	-8.13e-05
310	24	-0.04	-0.08	-0.30	-7.75e-05	-8.57e-05	-7.80e-06
310	42	0.08	1.84e-03	-0.39	-6.28e-05	6.62e-04	5.46e-05
310	46	0.07	-0.02	-0.39	-7.09e-05	6.57e-04	-4.67e-05
310	56	-0.02	-0.05	-0.31	-4.90e-05	1.50e-05	-4.33e-06

310	69	1.64e-03	-1.72e-04	-0.32	-1.75e-05	1.46e-04	0.0
310	70	1.80e-03	-1.71e-04	-0.34	-1.76e-05	1.66e-04	0.0
310	71	1.64e-03	-1.72e-04	-0.32	-1.75e-05	1.46e-04	0.0
310	72	1.72e-03	-1.72e-04	-0.33	-1.75e-05	1.56e-04	0.0
310	73	1.64e-03	-1.72e-04	-0.32	-1.75e-05	1.46e-04	0.0
310	74	1.68e-03	-1.72e-04	-0.32	-1.75e-05	1.52e-04	0.0
311	2	0.01	8.18e-04	-0.45	0.0	2.28e-04	-1.64e-06
311	10	0.18	3.07e-03	-0.44	0.0	1.06e-03	9.90e-05
311	14	0.17	-0.03	-0.44	0.0	1.05e-03	-7.82e-05
311	21	0.06	0.08	-0.35	0.0	4.01e-04	-9.98e-06
311	42	0.10	2.28e-03	-0.39	0.0	6.78e-04	5.60e-05
311	46	0.10	-0.02	-0.39	0.0	6.72e-04	-4.60e-05
311	53	0.04	0.04	-0.34	0.0	2.98e-04	-5.01e-06
311	70	8.65e-03	6.27e-04	-0.34	0.0	1.72e-04	-1.25e-06
311	72	8.15e-03	6.20e-04	-0.33	0.0	1.62e-04	-1.22e-06
311	74	7.95e-03	6.17e-04	-0.32	0.0	1.58e-04	-1.21e-06
312	2	2.31e-03	-3.30e-04	-0.46	-8.15e-05	2.37e-04	0.0
312	14	0.13	-0.03	-0.46	-1.27e-04	1.08e-03	-5.65e-05
312	17	0.14	7.02e-03	-0.45	-1.20e-04	1.10e-03	-6.85e-05
312	24	-0.04	-0.08	-0.31	-5.24e-05	-1.20e-04	-8.37e-06
312	46	0.08	-0.02	-0.40	-9.71e-05	6.94e-04	-3.28e-05
312	49	0.08	3.66e-03	-0.40	-9.36e-05	7.05e-04	-3.94e-05
312	56	-0.02	-0.04	-0.32	-5.43e-05	0.0	-5.30e-06
312	70	1.75e-03	-2.51e-04	-0.35	-6.16e-05	1.79e-04	0.0
312	72	1.68e-03	-2.41e-04	-0.33	-5.83e-05	1.68e-04	0.0
312	74	1.65e-03	-2.38e-04	-0.33	-5.69e-05	1.64e-04	0.0
313	2	0.01	2.18e-03	-0.46	0.0	2.57e-04	-4.91e-06
313	14	0.18	-0.03	-0.46	0.0	1.03e-03	-1.43e-04
313	17	0.18	8.30e-03	-0.45	0.0	1.04e-03	-1.30e-04
313	21	0.06	0.08	-0.35	0.0	3.94e-04	-8.08e-06
313	46	0.11	-0.02	-0.40	0.0	6.72e-04	-8.36e-05
313	49	0.11	5.11e-03	-0.40	0.0	6.74e-04	-7.65e-05
313	53	0.04	0.05	-0.34	0.0	3.03e-04	-6.36e-06
313	70	9.32e-03	1.65e-03	-0.35	0.0	1.94e-04	-3.73e-06
313	72	8.80e-03	1.56e-03	-0.33	0.0	1.82e-04	-3.58e-06
313	74	8.59e-03	1.52e-03	-0.33	0.0	1.78e-04	-3.52e-06
314	2	0.01	1.16e-03	-0.47	-3.34e-05	3.56e-04	0.0
314	17	0.20	9.62e-03	-0.46	-2.18e-04	1.70e-03	-8.30e-05
314	21	0.06	0.09	-0.36	-6.93e-04	6.62e-04	-5.41e-05
314	49	0.12	5.51e-03	-0.41	-1.30e-04	1.08e-03	-4.66e-05
314	53	0.04	0.05	-0.35	-3.86e-04	4.85e-04	-2.65e-05
314	70	0.01	8.75e-04	-0.35	-2.52e-05	2.69e-04	0.0
314	72	0.01	8.19e-04	-0.34	-2.36e-05	2.55e-04	0.0
314	74	0.01	7.96e-04	-0.33	-2.30e-05	2.49e-04	0.0
315	2	2.47e-03	5.51e-05	-0.47	2.07e-05	2.41e-04	-1.63e-06
315	13	0.14	0.01	-0.47	2.91e-05	1.10e-03	-9.82e-05
315	21	0.04	0.08	-0.39	-6.93e-05	4.87e-04	1.75e-06
315	45	0.08	7.89e-03	-0.41	2.45e-05	7.03e-04	-5.66e-05
315	53	0.02	0.04	-0.36	-2.88e-05	3.46e-04	2.22e-06
315	70	1.88e-03	4.22e-05	-0.35	1.57e-05	1.82e-04	-1.24e-06
315	72	1.80e-03	4.16e-05	-0.34	1.51e-05	1.71e-04	-1.20e-06
315	74	1.77e-03	4.14e-05	-0.33	1.48e-05	1.66e-04	-1.18e-06
316	2	0.01	-3.80e-04	-0.47	0.0	2.62e-04	4.96e-06
316	13	0.18	0.02	-0.47	0.0	1.06e-03	1.48e-04
316	24	-0.04	-0.09	-0.28	0.0	-1.30e-04	-2.76e-05
316	45	0.11	8.70e-03	-0.41	0.0	6.84e-04	8.70e-05
316	56	-0.02	-0.05	-0.31	0.0	6.91e-06	-1.57e-05
316	70	9.63e-03	-2.90e-04	-0.35	0.0	1.98e-04	3.76e-06
316	72	9.09e-03	-2.83e-04	-0.34	0.0	1.86e-04	3.59e-06
316	74	8.88e-03	-2.80e-04	-0.33	0.0	1.81e-04	3.53e-06
317	2	2.64e-03	1.50e-04	-0.46	2.25e-05	2.28e-04	-1.89e-06
317	13	0.14	0.01	-0.46	6.41e-05	1.02e-03	-1.23e-04
317	21	0.04	0.08	-0.39	-2.15e-05	4.94e-04	5.57e-06
317	45	0.08	7.92e-03	-0.41	4.49e-05	6.55e-04	-7.06e-05
317	53	0.02	0.04	-0.36	-2.35e-06	3.44e-04	4.39e-06
317	70	2.01e-03	1.15e-04	-0.35	1.72e-05	1.72e-04	-1.43e-06
317	72	1.93e-03	1.14e-04	-0.34	1.68e-05	1.62e-04	-1.36e-06
317	74	1.89e-03	1.13e-04	-0.33	1.67e-05	1.58e-04	-1.33e-06
318	2	0.01	-8.63e-04	-0.46	0.0	2.37e-04	0.0
318	13	0.18	0.02	-0.46	0.0	1.04e-03	-1.32e-04
318	24	-0.05	-0.08	-0.28	0.0	-1.75e-04	5.25e-06
318	45	0.10	8.24e-03	-0.41	0.0	6.65e-04	-7.49e-05
318	56	-0.02	-0.05	-0.30	0.0	-2.44e-05	0.0
318	70	9.14e-03	-6.58e-04	-0.35	0.0	1.79e-04	0.0
318	72	8.62e-03	-6.40e-04	-0.34	0.0	1.68e-04	0.0
318	74	8.41e-03	-6.33e-04	-0.33	0.0	1.64e-04	0.0
319	2	2.81e-03	2.88e-04	-0.46	3.51e-05	2.15e-04	-1.40e-06

319	13	0.13	0.01	-0.46	6.68e-05	9.67e-04	-1.25e-04
319	21	0.04	0.08	-0.39	-6.64e-05	5.08e-04	9.98e-06
319	45	0.08	7.94e-03	-0.40	5.10e-05	6.18e-04	-7.21e-05
319	53	0.03	0.04	-0.37	-2.24e-05	3.46e-04	6.68e-06
319	70	2.13e-03	2.20e-04	-0.35	2.69e-05	1.62e-04	-1.05e-06
319	72	2.04e-03	2.16e-04	-0.34	2.63e-05	1.52e-04	0.0
319	74	2.01e-03	2.15e-04	-0.33	2.61e-05	1.48e-04	0.0
320	2	0.01	-1.73e-03	-0.46	0.0	2.38e-04	-3.04e-06
320	13	0.17	0.02	-0.46	0.0	9.45e-04	-1.34e-04
320	24	-0.05	-0.09	-0.27	0.0	-1.68e-04	-1.07e-05
320	45	0.10	7.89e-03	-0.40	0.0	6.12e-04	-7.73e-05
320	56	-0.02	-0.05	-0.30	0.0	-1.89e-05	-8.80e-06
320	70	9.14e-03	-1.32e-03	-0.35	0.0	1.80e-04	-2.29e-06
320	72	8.62e-03	-1.27e-03	-0.34	0.0	1.69e-04	-2.15e-06
320	74	8.42e-03	-1.25e-03	-0.33	0.0	1.65e-04	-2.10e-06
321	2	0.01	-4.14e-03	-0.46	1.05e-04	3.16e-04	1.61e-06
321	13	0.17	0.01	-0.45	-5.49e-05	1.29e-03	1.23e-04
321	24	-0.05	-0.09	-0.25	6.80e-04	-3.39e-04	3.35e-05
321	45	0.10	6.70e-03	-0.40	5.15e-06	8.33e-04	7.29e-05
321	56	-0.02	-0.05	-0.28	4.03e-04	-8.43e-05	1.63e-05
321	70	0.01	-3.14e-03	-0.35	7.92e-05	2.39e-04	1.26e-06
321	72	9.65e-03	-2.98e-03	-0.33	7.51e-05	2.26e-04	1.31e-06
321	74	9.42e-03	-2.92e-03	-0.33	7.35e-05	2.20e-04	1.33e-06
322	2	2.69e-03	8.91e-04	-0.43	2.17e-04	1.72e-04	2.45e-06
322	13	0.11	0.01	-0.42	2.77e-04	7.81e-04	1.47e-04
322	21	0.04	0.08	-0.40	1.42e-04	4.83e-04	6.39e-05
322	45	0.07	8.29e-03	-0.37	2.25e-04	4.97e-04	8.55e-05
322	53	0.02	0.05	-0.36	1.47e-04	3.17e-04	3.65e-05
322	70	2.03e-03	6.79e-04	-0.32	1.64e-04	1.30e-04	1.92e-06
322	72	1.92e-03	6.57e-04	-0.31	1.57e-04	1.21e-04	2.02e-06
322	74	1.87e-03	6.49e-04	-0.31	1.54e-04	1.17e-04	2.06e-06
323	2	0.01	-6.39e-03	-0.43	0.0	1.93e-04	7.88e-06
323	13	0.14	0.01	-0.42	0.0	7.35e-04	2.07e-04
323	24	-0.04	-0.09	-0.21	0.0	-2.05e-04	-1.14e-04
323	45	0.08	4.04e-03	-0.37	0.0	4.77e-04	1.21e-04
323	56	-0.02	-0.05	-0.26	0.0	-5.09e-05	-5.94e-05
323	70	7.64e-03	-4.85e-03	-0.32	0.0	1.46e-04	6.04e-06
323	72	7.16e-03	-4.64e-03	-0.31	0.0	1.36e-04	5.98e-06
323	74	6.96e-03	-4.55e-03	-0.31	0.0	1.33e-04	5.96e-06
324	1	1.89e-03	5.45e-04	-0.37	9.72e-05	1.20e-04	3.70e-06
324	2	2.25e-03	5.42e-04	-0.40	9.99e-05	1.44e-04	3.75e-06
324	13	0.10	0.01	-0.39	1.94e-04	6.51e-04	1.54e-04
324	21	0.03	0.08	-0.38	6.65e-05	4.34e-04	8.31e-05
324	45	0.06	8.01e-03	-0.35	1.44e-04	4.13e-04	8.93e-05
324	53	0.02	0.04	-0.34	7.11e-05	2.79e-04	4.69e-05
324	69	1.45e-03	4.19e-04	-0.28	7.48e-05	9.21e-05	2.85e-06
324	70	1.70e-03	4.17e-04	-0.31	7.66e-05	1.08e-04	2.88e-06
324	71	1.45e-03	4.19e-04	-0.28	7.48e-05	9.21e-05	2.85e-06
324	72	1.57e-03	4.18e-04	-0.29	7.57e-05	1.00e-04	2.86e-06
324	73	1.45e-03	4.19e-04	-0.28	7.48e-05	9.21e-05	2.85e-06
324	74	1.52e-03	4.19e-04	-0.29	7.53e-05	9.69e-05	2.86e-06
325	2	8.14e-03	-3.18e-03	-0.40	0.0	1.49e-04	8.06e-06
325	13	0.12	0.01	-0.39	0.0	6.67e-04	1.40e-04
325	24	-0.03	-0.08	-0.20	0.0	-2.40e-04	7.34e-06
325	45	0.07	6.28e-03	-0.35	0.0	4.24e-04	8.35e-05
325	56	-0.02	-0.05	-0.24	0.0	-8.40e-05	6.23e-06
325	70	6.12e-03	-2.44e-03	-0.31	0.0	1.12e-04	6.16e-06
325	72	5.68e-03	-2.40e-03	-0.29	0.0	1.04e-04	6.02e-06
325	74	5.50e-03	-2.39e-03	-0.29	0.0	1.01e-04	5.96e-06
326	1	1.35e-03	1.12e-04	-0.36	-3.59e-05	9.32e-05	3.93e-06
326	2	1.66e-03	3.02e-05	-0.40	-5.58e-05	1.15e-04	4.76e-06
326	13	0.09	0.01	-0.39	-2.04e-04	5.38e-04	1.35e-04
326	21	0.02	0.08	-0.39	-2.29e-04	3.92e-04	7.99e-05
326	25	0.03	0.07	-0.40	-2.84e-04	4.39e-04	9.41e-05
326	45	0.05	7.54e-03	-0.34	-1.28e-04	3.39e-04	7.86e-05
326	53	0.01	0.04	-0.34	-1.36e-04	2.47e-04	4.48e-05
326	57	0.02	0.04	-0.35	-1.67e-04	2.74e-04	5.30e-05
326	69	1.04e-03	8.59e-05	-0.28	-2.76e-05	7.17e-05	3.02e-06
326	70	1.25e-03	3.16e-05	-0.30	-4.09e-05	8.59e-05	3.58e-06
326	71	1.04e-03	8.59e-05	-0.28	-2.76e-05	7.17e-05	3.02e-06
326	72	1.14e-03	5.87e-05	-0.29	-3.42e-05	7.88e-05	3.30e-06
326	73	1.04e-03	8.59e-05	-0.28	-2.76e-05	7.17e-05	3.02e-06
326	74	1.10e-03	6.96e-05	-0.29	-3.16e-05	7.60e-05	3.19e-06
327	2	6.41e-03	1.47e-03	-0.40	0.0	1.25e-04	8.22e-06
327	13	0.11	0.02	-0.39	0.0	5.27e-04	1.69e-04
327	21	0.03	0.09	-0.39	0.0	4.05e-04	1.23e-04
327	25	0.05	0.08	-0.40	0.0	4.48e-04	1.39e-04

327	45	0.06	0.01	-0.34	0.0	3.36e-04	9.86e-05
327	53	0.02	0.05	-0.34	0.0	2.57e-04	6.90e-05
327	57	0.03	0.05	-0.35	0.0	2.82e-04	7.81e-05
327	70	4.81e-03	1.07e-03	-0.30	0.0	9.39e-05	6.21e-06
327	72	4.41e-03	8.85e-04	-0.29	0.0	8.63e-05	5.83e-06
327	74	4.25e-03	8.11e-04	-0.29	0.0	8.33e-05	5.68e-06
328	2	4.99e-03	3.68e-03	-0.41	-1.03e-04	1.44e-04	9.83e-06
328	17	0.10	0.01	-0.40	-3.13e-04	5.43e-04	1.11e-04
328	21	0.02	0.10	-0.46	-7.42e-04	3.64e-04	1.47e-05
328	25	0.04	0.09	-0.46	-7.94e-04	4.28e-04	2.74e-05
328	49	0.06	8.92e-03	-0.35	-2.02e-04	3.52e-04	6.65e-05
328	53	0.01	0.06	-0.38	-4.28e-04	2.41e-04	1.13e-05
328	57	0.02	0.05	-0.39	-4.57e-04	2.78e-04	1.86e-05
328	70	3.74e-03	2.76e-03	-0.31	-7.73e-05	1.08e-04	7.27e-06
328	72	3.43e-03	2.53e-03	-0.30	-7.13e-05	9.95e-05	6.31e-06
328	74	3.30e-03	2.44e-03	-0.30	-6.89e-05	9.61e-05	5.93e-06
329	2	1.47e-03	-1.21e-03	-0.41	-6.07e-05	-7.21e-05	7.41e-06
329	18	0.08	-0.02	-0.30	2.18e-04	3.84e-05	-5.00e-05
329	24	-2.24e-03	-0.07	-0.18	1.22e-03	-3.57e-04	-6.61e-05
329	25	0.02	0.06	-0.41	-1.36e-03	2.69e-04	4.98e-05
329	50	0.05	-0.01	-0.30	9.23e-05	2.41e-06	-2.70e-05
329	56	-9.97e-04	-0.04	-0.23	6.22e-04	-2.16e-04	-3.58e-05
329	57	0.01	0.03	-0.36	-7.41e-04	1.20e-04	2.94e-05
329	70	1.11e-03	-8.76e-04	-0.31	-4.59e-05	-5.52e-05	5.33e-06
329	72	1.05e-03	-6.98e-04	-0.30	-4.35e-05	-5.42e-05	4.13e-06
329	74	1.02e-03	-6.27e-04	-0.29	-4.26e-05	-5.39e-05	3.65e-06
330	1	-1.76e-03	1.49e-03	-0.37	-5.54e-05	0.0	6.39e-06
330	2	-1.75e-03	1.25e-03	-0.41	-6.23e-05	0.0	1.15e-05
330	20	-0.09	-0.01	-0.23	3.93e-04	0.0	6.91e-05
330	21	0.02	0.12	-0.41	-1.28e-03	0.0	-1.13e-04
330	25	0.03	0.11	-0.41	-1.34e-03	0.0	-1.29e-04
330	52	-0.05	-6.31e-03	-0.26	1.90e-04	0.0	4.07e-05
330	53	9.55e-03	0.06	-0.35	-6.96e-04	0.0	-5.76e-05
330	57	0.02	0.06	-0.36	-7.31e-04	0.0	-6.70e-05
330	69	-1.35e-03	1.15e-03	-0.29	-4.26e-05	0.0	4.92e-06
330	70	-1.35e-03	9.85e-04	-0.31	-4.72e-05	0.0	8.31e-06
330	71	-1.35e-03	1.15e-03	-0.29	-4.26e-05	0.0	4.92e-06
330	72	-1.35e-03	1.07e-03	-0.30	-4.49e-05	0.0	6.62e-06
330	73	-1.35e-03	1.15e-03	-0.29	-4.26e-05	0.0	4.92e-06
330	74	-1.35e-03	1.10e-03	-0.29	-4.40e-05	0.0	5.94e-06
331	2	1.99e-03	-2.38e-03	-0.44	-2.89e-05	-2.78e-04	8.17e-06
331	18	0.08	-0.02	-0.31	4.24e-04	-1.79e-04	-2.15e-05
331	22	0.02	-0.06	-0.25	1.91e-03	-4.05e-04	-5.44e-05
331	25	0.02	0.05	-0.39	-2.04e-03	5.25e-05	6.26e-05
331	50	0.05	-0.01	-0.31	2.10e-04	-1.83e-04	-1.08e-05
331	54	0.01	-0.03	-0.28	9.97e-04	-3.05e-04	-2.97e-05
331	57	0.01	0.03	-0.35	-1.09e-03	-6.18e-05	3.77e-05
331	70	1.50e-03	-1.72e-03	-0.33	-2.27e-05	-2.10e-04	5.82e-06
331	72	1.41e-03	-1.33e-03	-0.32	-2.44e-05	-1.99e-04	4.33e-06
331	74	1.37e-03	-1.18e-03	-0.31	-2.51e-05	-1.94e-04	3.73e-06
332	2	-7.98e-03	-1.23e-03	-0.44	-2.88e-05	0.0	1.22e-05
332	4	-6.36e-03	-1.26e-03	-0.35	-2.09e-05	0.0	1.08e-05
332	20	-0.09	-0.04	-0.28	6.10e-04	0.0	5.23e-05
332	22	-1.12e-03	-0.13	-0.25	1.93e-03	0.0	1.22e-04
332	25	0.03	0.13	-0.39	-2.05e-03	0.0	-1.09e-04
332	52	-0.05	-0.02	-0.29	3.12e-04	0.0	3.15e-05
332	54	-2.87e-03	-0.07	-0.28	1.01e-03	0.0	6.95e-05
332	57	0.01	0.07	-0.35	-1.10e-03	0.0	-5.72e-05
332	70	-6.04e-03	-8.08e-04	-0.33	-2.27e-05	0.0	8.80e-06
332	72	-5.72e-03	-3.56e-04	-0.32	-2.45e-05	0.0	6.80e-06
332	74	-5.59e-03	-1.75e-04	-0.31	-2.52e-05	0.0	6.00e-06
333	2	1.95e-03	-3.60e-03	-0.49	2.71e-06	-3.05e-04	7.96e-06
333	18	0.08	-0.02	-0.35	6.23e-04	-1.98e-04	1.11e-05
333	22	0.02	-0.06	-0.31	2.62e-03	-3.46e-04	-7.16e-05
333	25	0.02	0.05	-0.39	-2.73e-03	-5.18e-05	7.99e-05
333	50	0.05	-0.01	-0.35	3.24e-04	-2.02e-04	7.47e-06
333	54	0.01	-0.03	-0.32	1.38e-03	-2.83e-04	-3.90e-05
333	57	0.01	0.02	-0.37	-1.44e-03	-1.25e-04	4.68e-05
333	70	1.47e-03	-2.58e-03	-0.37	0.0	-2.31e-04	5.65e-06
333	72	1.37e-03	-1.97e-03	-0.35	-5.49e-06	-2.16e-04	4.14e-06
333	74	1.33e-03	-1.73e-03	-0.35	-7.80e-06	-2.11e-04	3.53e-06
334	2	-9.42e-03	-3.77e-03	-0.49	4.89e-06	0.0	1.20e-05
334	20	-0.09	-0.05	-0.33	8.20e-04	0.0	5.88e-05
334	22	-9.30e-04	-0.16	-0.31	2.58e-03	0.0	1.72e-04
334	25	0.02	0.15	-0.39	-2.68e-03	0.0	-1.60e-04
334	52	-0.05	-0.03	-0.33	4.31e-04	0.0	3.42e-05
334	54	-3.27e-03	-0.09	-0.33	1.35e-03	0.0	9.45e-05

334	57	0.01	0.08	-0.37	-1.42e-03	0.0	-8.25e-05
334	70	-7.12e-03	-2.64e-03	-0.37	1.87e-06	0.0	8.62e-06
334	72	-6.70e-03	-1.78e-03	-0.35	-4.28e-06	0.0	6.58e-06
334	74	-6.53e-03	-1.44e-03	-0.35	-6.74e-06	0.0	5.77e-06
335	2	-6.76e-03	-6.32e-03	-0.52	4.68e-05	-2.09e-04	8.05e-06
335	19	-0.09	0.03	-0.37	-8.29e-04	-1.85e-04	-4.14e-05
335	22	0.01	-0.20	-0.35	3.52e-03	-2.39e-04	2.37e-04
335	23	-0.02	0.19	-0.40	-3.49e-03	-4.95e-05	-2.29e-04
335	51	-0.05	0.02	-0.37	-4.29e-04	-1.69e-04	-1.93e-05
335	54	4.56e-03	-0.11	-0.36	1.86e-03	-1.94e-04	1.29e-04
335	57	6.62e-03	0.10	-0.39	-1.90e-03	-7.74e-05	-1.27e-04
335	70	-5.11e-03	-4.47e-03	-0.40	3.23e-05	-1.58e-04	5.79e-06
335	72	-4.81e-03	-3.22e-03	-0.38	2.05e-05	-1.48e-04	4.47e-06
335	74	-4.69e-03	-2.71e-03	-0.37	1.57e-05	-1.44e-04	3.94e-06
336	2	1.11e-03	-5.38e-03	-0.55	5.05e-05	-1.13e-04	4.08e-06
336	18	0.08	-8.00e-03	-0.38	9.57e-04	-8.01e-05	1.04e-05
336	22	0.02	-0.06	-0.38	3.75e-03	-1.59e-04	8.37e-05
336	27	-0.03	0.05	-0.40	-3.74e-03	0.0	-7.87e-05
336	50	0.05	-5.16e-03	-0.38	5.12e-04	-7.85e-05	6.06e-06
336	54	0.01	-0.03	-0.38	1.99e-03	-1.21e-04	4.75e-05
336	59	-0.02	0.03	-0.39	-1.96e-03	-3.67e-05	-4.30e-05
336	70	8.33e-04	-3.84e-03	-0.42	3.53e-05	-8.52e-05	2.90e-06
336	72	7.71e-04	-2.89e-03	-0.40	2.37e-05	-8.03e-05	2.14e-06
336	74	7.46e-04	-2.51e-03	-0.39	1.91e-05	-7.83e-05	1.83e-06
337	2	-3.83e-03	-7.46e-03	-0.55	5.30e-05	0.0	6.17e-06
337	19	-0.09	0.04	-0.40	-9.12e-04	0.0	-1.59e-05
337	22	0.01	-0.22	-0.38	3.73e-03	0.0	9.46e-05
337	27	-0.03	0.20	-0.40	-3.71e-03	0.0	-8.99e-05
337	51	-0.05	0.02	-0.39	-4.70e-04	0.0	-6.95e-06
337	54	6.43e-03	-0.12	-0.38	1.97e-03	0.0	5.38e-05
337	59	-0.02	0.10	-0.40	-1.95e-03	0.0	-4.84e-05
337	70	-2.90e-03	-5.30e-03	-0.42	3.71e-05	0.0	4.45e-06
337	72	-2.74e-03	-3.88e-03	-0.40	2.51e-05	0.0	3.47e-06
337	74	-2.68e-03	-3.31e-03	-0.39	2.03e-05	0.0	3.08e-06
338	2	6.81e-04	-5.91e-03	-0.56	6.71e-05	-7.17e-05	3.48e-06
338	16	-0.08	-0.03	-0.40	1.42e-03	-3.47e-05	3.87e-05
338	18	0.08	-0.01	-0.39	1.09e-03	-9.17e-05	1.15e-05
338	22	0.02	-0.07	-0.40	4.16e-03	-1.02e-04	7.37e-05
338	48	-0.04	-0.02	-0.40	7.61e-04	-4.04e-05	2.24e-05
338	50	0.05	-7.48e-03	-0.39	5.87e-04	-7.33e-05	6.57e-06
338	54	0.01	-0.04	-0.40	2.21e-03	-7.78e-05	4.15e-05
338	70	5.10e-04	-4.22e-03	-0.42	4.75e-05	-5.42e-05	2.48e-06
338	72	4.66e-04	-3.17e-03	-0.40	3.42e-05	-5.09e-05	1.84e-06
338	74	4.48e-04	-2.75e-03	-0.40	2.89e-05	-4.96e-05	1.59e-06
339	2	-2.36e-03	-8.62e-03	-0.56	6.78e-05	0.0	5.63e-06
339	16	-0.08	-0.08	-0.40	1.42e-03	0.0	6.05e-05
339	19	-0.08	0.05	-0.40	-1.03e-03	0.0	-2.71e-05
339	24	-6.87e-03	-0.24	-0.40	4.29e-03	0.0	1.46e-04
339	48	-0.05	-0.05	-0.40	7.64e-04	0.0	3.44e-05
339	51	-0.05	0.02	-0.40	-5.30e-04	0.0	-1.26e-05
339	56	-4.70e-03	-0.13	-0.40	2.28e-03	0.0	8.02e-05
339	70	-1.79e-03	-6.14e-03	-0.42	4.81e-05	0.0	4.07e-06
339	72	-1.69e-03	-4.55e-03	-0.40	3.46e-05	0.0	3.21e-06
339	74	-1.66e-03	-3.92e-03	-0.40	2.93e-05	0.0	2.87e-06
340	2	3.26e-04	-6.38e-03	-0.57	8.38e-05	-5.63e-05	3.01e-06
340	18	0.08	-0.02	-0.40	1.23e-03	-5.13e-05	1.30e-05
340	22	0.02	-0.08	-0.41	4.61e-03	-6.03e-05	6.17e-05
340	36	-0.02	-0.06	-0.41	4.51e-03	-5.49e-05	8.67e-05
340	50	0.05	-9.96e-03	-0.40	6.65e-04	-4.57e-05	7.39e-06
340	54	9.90e-03	-0.04	-0.41	2.45e-03	-5.03e-05	3.44e-05
340	68	-8.74e-03	-0.04	-0.41	2.40e-03	-4.73e-05	4.79e-05
340	70	2.42e-04	-4.56e-03	-0.43	5.98e-05	-4.24e-05	2.15e-06
340	72	2.12e-04	-3.42e-03	-0.41	4.47e-05	-3.97e-05	1.61e-06
340	74	2.00e-04	-2.97e-03	-0.40	3.87e-05	-3.86e-05	1.40e-06
341	2	-1.51e-03	-9.78e-03	-0.57	8.56e-05	0.0	5.33e-06
341	19	-0.08	0.06	-0.40	-1.13e-03	0.0	-3.59e-05
341	24	-5.92e-03	-0.26	-0.41	4.66e-03	0.0	1.73e-04
341	36	-0.02	-0.24	-0.41	4.46e-03	0.0	1.83e-04
341	51	-0.05	0.03	-0.40	-5.79e-04	0.0	-1.73e-05
341	56	-3.93e-03	-0.14	-0.41	2.47e-03	0.0	9.34e-05
341	68	-0.01	-0.13	-0.41	2.37e-03	0.0	9.88e-05
341	70	-1.14e-03	-6.99e-03	-0.43	6.11e-05	0.0	3.86e-06
341	72	-1.09e-03	-5.24e-03	-0.41	4.58e-05	0.0	3.07e-06
341	74	-1.06e-03	-4.54e-03	-0.40	3.97e-05	0.0	2.76e-06
342	2	5.57e-04	-0.01	-0.57	1.10e-04	1.53e-05	2.77e-06
342	18	0.08	-0.08	-0.41	1.45e-03	3.85e-05	2.92e-05
342	24	-4.42e-03	-0.29	-0.41	5.48e-03	-2.06e-06	9.46e-05

342	28	-0.02	-0.29	-0.41	5.48e-03	-8.28e-06	8.82e-05
342	50	0.05	-0.04	-0.41	7.88e-04	2.66e-05	1.63e-05
342	56	-2.48e-03	-0.16	-0.41	2.92e-03	3.49e-06	5.16e-05
342	60	-0.01	-0.16	-0.41	2.91e-03	0.0	4.81e-05
342	70	4.14e-04	-7.85e-03	-0.43	7.91e-05	1.15e-05	2.03e-06
342	72	3.67e-04	-5.95e-03	-0.41	6.09e-05	1.06e-05	1.70e-06
342	74	3.48e-04	-5.19e-03	-0.41	5.36e-05	1.03e-05	1.57e-06
343	2	-3.85e-04	-6.77e-03	-0.57	1.07e-04	7.84e-05	0.0
343	19	-0.08	0.02	-0.40	-1.28e-03	6.57e-05	-1.56e-06
343	24	-4.85e-03	-0.08	-0.41	5.09e-03	4.87e-05	-3.25e-06
343	28	-0.02	-0.08	-0.41	5.10e-03	4.99e-05	-6.14e-06
343	51	-0.05	7.23e-03	-0.40	-6.47e-04	6.04e-05	0.0
343	56	-3.01e-03	-0.05	-0.40	2.71e-03	5.10e-05	-1.90e-06
343	60	-0.01	-0.05	-0.41	2.71e-03	5.17e-05	-3.42e-06
343	70	-2.95e-04	-4.84e-03	-0.43	7.71e-05	5.91e-05	0.0
343	72	-2.94e-04	-3.63e-03	-0.41	5.99e-05	5.51e-05	0.0
343	74	-2.94e-04	-3.15e-03	-0.40	5.31e-05	5.35e-05	0.0
344	2	2.14e-03	-0.01	-0.57	1.09e-04	0.0	0.0
344	18	0.08	-0.08	-0.40	1.37e-03	0.0	-2.21e-05
344	28	-0.02	-0.28	-0.41	5.04e-03	0.0	-6.00e-05
344	50	0.05	-0.04	-0.40	7.47e-04	0.0	-1.21e-05
344	60	-9.05e-03	-0.15	-0.41	2.68e-03	0.0	-3.16e-05
344	70	1.61e-03	-7.96e-03	-0.43	7.85e-05	0.0	0.0
344	72	1.48e-03	-6.06e-03	-0.41	6.10e-05	0.0	0.0
344	74	1.43e-03	-5.30e-03	-0.40	5.41e-05	0.0	0.0
345	2	-5.71e-04	-6.71e-03	-0.55	1.14e-04	5.39e-05	0.0
345	19	-0.08	0.02	-0.39	-1.28e-03	8.13e-05	3.08e-06
345	28	-0.02	-0.08	-0.40	5.05e-03	4.72e-05	-1.81e-05
345	36	-0.02	-0.08	-0.40	5.06e-03	4.48e-05	2.54e-05
345	51	-0.05	7.73e-03	-0.39	-6.45e-04	6.25e-05	1.60e-06
345	60	-0.01	-0.04	-0.40	2.69e-03	4.68e-05	-1.01e-05
345	68	-9.34e-03	-0.04	-0.40	2.69e-03	4.16e-05	1.41e-05
345	70	-4.37e-04	-4.79e-03	-0.42	8.23e-05	4.07e-05	0.0
345	72	-4.28e-04	-3.59e-03	-0.40	6.47e-05	3.80e-05	0.0
345	74	-4.25e-04	-3.11e-03	-0.39	5.77e-05	3.69e-05	0.0
346	2	1.53e-03	-0.01	-0.55	1.15e-04	0.0	0.0
346	18	0.08	-0.08	-0.39	1.40e-03	0.0	-1.28e-06
346	36	-0.01	-0.28	-0.40	5.07e-03	0.0	3.69e-05
346	50	0.05	-0.04	-0.39	7.63e-04	0.0	0.0
346	68	-7.72e-03	-0.15	-0.40	2.70e-03	0.0	2.06e-05
346	70	1.15e-03	-8.10e-03	-0.42	8.27e-05	0.0	0.0
346	72	1.05e-03	-6.19e-03	-0.40	6.51e-05	0.0	0.0
346	74	1.02e-03	-5.42e-03	-0.39	5.80e-05	0.0	0.0
347	2	-7.35e-04	-6.63e-03	-0.55	1.21e-04	2.15e-05	0.0
347	19	-0.08	0.02	-0.38	-1.29e-03	2.23e-05	7.54e-06
347	32	-2.31e-03	-0.08	-0.40	5.13e-03	2.44e-05	1.49e-05
347	34	0.03	-0.08	-0.40	5.05e-03	1.98e-05	5.56e-06
347	51	-0.05	7.64e-03	-0.39	-6.48e-04	1.92e-05	4.07e-06
347	64	-1.69e-03	-0.05	-0.39	2.74e-03	2.01e-05	7.94e-06
347	66	0.02	-0.04	-0.40	2.69e-03	1.74e-05	2.83e-06
347	70	-5.61e-04	-4.73e-03	-0.42	8.77e-05	1.63e-05	0.0
347	72	-5.47e-04	-3.53e-03	-0.40	6.97e-05	1.53e-05	0.0
347	74	-5.41e-04	-3.05e-03	-0.39	6.26e-05	1.49e-05	0.0
348	2	7.31e-04	-0.01	-0.55	1.23e-04	0.0	0.0
348	18	0.08	-0.08	-0.40	1.40e-03	0.0	5.70e-06
348	34	0.03	-0.28	-0.40	4.99e-03	0.0	6.15e-05
348	36	-0.01	-0.29	-0.40	5.09e-03	0.0	6.99e-05
348	50	0.05	-0.05	-0.39	7.66e-04	0.0	2.73e-06
348	66	0.02	-0.15	-0.40	2.66e-03	0.0	3.27e-05
348	68	-8.34e-03	-0.15	-0.39	2.71e-03	0.0	3.74e-05
348	70	5.45e-04	-8.27e-03	-0.42	8.87e-05	0.0	0.0
348	72	4.89e-04	-6.35e-03	-0.40	7.05e-05	0.0	0.0
348	74	4.66e-04	-5.58e-03	-0.39	6.32e-05	0.0	0.0
349	2	1.99e-03	-0.01	-0.54	1.36e-04	7.62e-05	-2.55e-06
349	18	0.09	-0.08	-0.39	1.52e-03	8.84e-05	-1.07e-05
349	32	-2.57e-04	-0.29	-0.39	5.54e-03	6.57e-05	-6.55e-05
349	34	0.04	-0.29	-0.39	5.42e-03	7.83e-05	-7.23e-05
349	50	0.05	-0.05	-0.39	8.30e-04	7.28e-05	-6.14e-06
349	64	2.53e-04	-0.16	-0.39	2.95e-03	5.92e-05	-3.55e-05
349	66	0.02	-0.15	-0.39	2.89e-03	6.64e-05	-3.92e-05
349	70	1.50e-03	-8.46e-03	-0.41	9.85e-05	5.74e-05	-1.87e-06
349	72	1.37e-03	-6.51e-03	-0.39	7.89e-05	5.37e-05	-1.57e-06
349	74	1.32e-03	-5.73e-03	-0.39	7.10e-05	5.22e-05	-1.46e-06
350	2	-1.38e-03	-5.97e-03	-0.53	1.28e-04	1.52e-04	-3.95e-06
350	19	-0.08	0.01	-0.37	-1.18e-03	1.01e-04	-1.47e-06
350	26	0.03	-0.06	-0.38	4.51e-03	1.26e-04	-7.21e-05
350	32	-2.71e-03	-0.08	-0.38	4.83e-03	1.32e-04	-5.29e-05

350	51	-0.05	5.25e-03	-0.37	-5.86e-04	1.03e-04	-2.13e-06
350	58	0.02	-0.03	-0.38	2.41e-03	1.16e-04	-4.00e-05
350	64	-2.11e-03	-0.04	-0.38	2.58e-03	1.19e-04	-2.99e-05
350	70	-1.05e-03	-4.25e-03	-0.40	9.34e-05	1.15e-04	-2.86e-06
350	72	-1.00e-03	-3.13e-03	-0.38	7.58e-05	1.07e-04	-2.28e-06
350	74	-9.87e-04	-2.68e-03	-0.37	6.88e-05	1.04e-04	-2.06e-06
351	2	4.23e-03	-0.01	-0.53	1.30e-04	0.0	-4.07e-06
351	18	0.09	-0.07	-0.38	1.30e-03	0.0	-2.95e-05
351	26	0.03	-0.24	-0.38	4.45e-03	0.0	-1.59e-04
351	32	1.43e-03	-0.27	-0.38	4.77e-03	0.0	-1.47e-04
351	50	0.05	-0.04	-0.38	7.15e-04	0.0	-1.60e-05
351	58	0.02	-0.13	-0.38	2.38e-03	0.0	-8.52e-05
351	64	1.86e-03	-0.14	-0.38	2.55e-03	0.0	-7.95e-05
351	70	3.18e-03	-8.02e-03	-0.40	9.44e-05	0.0	-2.92e-06
351	72	2.95e-03	-6.19e-03	-0.38	7.66e-05	0.0	-2.23e-06
351	74	2.85e-03	-5.46e-03	-0.38	6.95e-05	0.0	-1.95e-06
352	2	-1.63e-03	-5.37e-03	-0.50	1.29e-04	1.64e-04	-4.41e-06
352	17	0.08	0.03	-0.36	-1.39e-03	6.79e-05	-3.22e-06
352	19	-0.08	8.71e-03	-0.35	-1.06e-03	1.21e-04	3.76e-05
352	32	-2.90e-03	-0.07	-0.35	4.45e-03	1.77e-04	-6.26e-05
352	49	0.04	0.01	-0.36	-7.01e-04	8.75e-05	-3.16e-06
352	51	-0.05	3.14e-03	-0.36	-5.22e-04	1.18e-04	2.02e-05
352	64	-2.27e-03	-0.04	-0.36	2.38e-03	1.47e-04	-3.58e-05
352	70	-1.24e-03	-3.81e-03	-0.38	9.37e-05	1.24e-04	-3.19e-06
352	72	-1.19e-03	-2.78e-03	-0.36	7.69e-05	1.16e-04	-2.52e-06
352	74	-1.16e-03	-2.37e-03	-0.36	7.02e-05	1.13e-04	-2.25e-06
353	2	4.73e-03	-0.01	-0.50	1.29e-04	0.0	-4.44e-06
353	17	0.08	0.08	-0.36	-1.39e-03	0.0	5.74e-05
353	18	0.09	-0.07	-0.36	1.20e-03	0.0	-1.64e-05
353	32	2.24e-03	-0.25	-0.35	4.46e-03	0.0	-1.19e-04
353	49	0.05	0.04	-0.36	-7.03e-04	0.0	3.07e-05
353	50	0.05	-0.04	-0.36	6.64e-04	0.0	-9.05e-06
353	64	2.42e-03	-0.13	-0.36	2.38e-03	0.0	-6.53e-05
353	70	3.56e-03	-7.57e-03	-0.38	9.39e-05	0.0	-3.18e-06
353	72	3.31e-03	-5.87e-03	-0.36	7.71e-05	0.0	-2.41e-06
353	74	3.20e-03	-5.19e-03	-0.36	7.03e-05	0.0	-2.10e-06
354	2	-1.80e-03	-4.70e-03	-0.48	1.29e-04	1.47e-04	-4.91e-06
354	19	-0.08	4.50e-03	-0.34	-9.50e-04	4.17e-05	4.30e-05
354	32	-3.02e-03	-0.07	-0.33	4.10e-03	2.07e-04	-7.22e-05
354	33	0.01	0.06	-0.36	-3.93e-03	-3.54e-06	6.45e-05
354	51	-0.05	9.25e-04	-0.34	-4.62e-04	6.82e-05	2.34e-05
354	64	-2.39e-03	-0.04	-0.33	2.20e-03	1.57e-04	-4.16e-05
354	65	7.51e-03	0.03	-0.35	-2.04e-03	4.56e-05	3.50e-05
354	70	-1.37e-03	-3.33e-03	-0.37	9.44e-05	1.11e-04	-3.53e-06
354	72	-1.31e-03	-2.41e-03	-0.35	7.84e-05	1.04e-04	-2.73e-06
354	74	-1.29e-03	-2.04e-03	-0.34	7.20e-05	1.01e-04	-2.41e-06
355	2	4.52e-03	-9.88e-03	-0.48	1.29e-04	0.0	-4.86e-06
355	18	0.09	-0.06	-0.34	1.09e-03	0.0	-1.06e-05
355	32	2.90e-03	-0.23	-0.33	4.07e-03	0.0	-7.80e-05
355	33	0.02	0.22	-0.36	-3.90e-03	0.0	8.44e-05
355	50	0.05	-0.03	-0.34	6.03e-04	0.0	-6.77e-06
355	64	2.64e-03	-0.12	-0.34	2.18e-03	0.0	-4.47e-05
355	65	0.01	0.11	-0.35	-2.02e-03	0.0	4.62e-05
355	70	3.40e-03	-7.11e-03	-0.37	9.43e-05	0.0	-3.47e-06
355	72	3.16e-03	-5.54e-03	-0.35	7.81e-05	0.0	-2.59e-06
355	74	3.06e-03	-4.91e-03	-0.34	7.16e-05	0.0	-2.23e-06
356	2	5.61e-03	-9.13e-03	-0.46	1.29e-04	1.92e-04	-6.70e-06
356	18	0.09	-0.05	-0.31	1.01e-03	2.49e-04	-1.04e-04
356	29	3.40e-03	0.20	-0.36	-3.80e-03	0.0	2.09e-04
356	32	4.22e-03	-0.21	-0.29	3.94e-03	2.63e-04	-2.15e-04
356	50	0.05	-0.03	-0.32	5.62e-04	1.97e-04	-5.86e-05
356	61	3.95e-03	0.11	-0.35	-1.97e-03	6.26e-05	1.11e-04
356	64	3.66e-03	-0.11	-0.31	2.12e-03	2.01e-04	-1.17e-04
356	70	4.22e-03	-6.58e-03	-0.35	9.43e-05	1.45e-04	-4.78e-06
356	72	3.93e-03	-5.15e-03	-0.33	7.77e-05	1.35e-04	-3.56e-06
356	74	3.81e-03	-4.58e-03	-0.33	7.10e-05	1.32e-04	-3.07e-06
357	2	-8.04e-03	-3.95e-03	-0.40	1.09e-04	-1.98e-04	-1.03e-05
357	19	-0.10	0.02	-0.43	-1.79e-04	-6.47e-04	-1.98e-04
357	30	0.02	-0.12	-0.08	1.12e-03	1.91e-04	-2.62e-05
357	35	-0.05	0.10	-0.50	-9.95e-04	-5.27e-04	-7.97e-06
357	51	-0.06	7.56e-03	-0.37	-5.87e-05	-4.27e-04	-1.17e-04
357	62	0.01	-0.07	-0.18	6.33e-04	4.08e-05	-1.54e-05
357	67	-0.03	0.05	-0.40	-4.96e-04	-3.49e-04	-9.60e-06
357	70	-6.06e-03	-2.98e-03	-0.31	8.25e-05	-1.49e-04	-7.59e-06
357	72	-5.68e-03	-2.78e-03	-0.29	7.68e-05	-1.39e-04	-6.53e-06
357	74	-5.52e-03	-2.70e-03	-0.29	7.45e-05	-1.35e-04	-6.10e-06
358	2	-2.69e-03	-5.52e-03	-0.38	1.31e-04	0.0	-8.73e-06

358	19	-0.09	0.02	-0.36	-3.16e-04	0.0	8.23e-05
358	32	2.66e-03	-0.13	-0.15	1.73e-03	0.0	-1.44e-04
358	35	-0.04	0.12	-0.43	-1.49e-03	0.0	1.39e-04
358	51	-0.05	0.01	-0.32	-1.24e-04	0.0	4.45e-05
358	64	3.00e-05	-0.07	-0.21	9.56e-04	0.0	-8.08e-05
358	67	-0.03	0.06	-0.36	-7.46e-04	0.0	7.42e-05
358	70	-2.03e-03	-4.10e-03	-0.29	9.82e-05	0.0	-6.23e-06
358	72	-1.88e-03	-3.64e-03	-0.28	9.00e-05	0.0	-4.67e-06
358	74	-1.83e-03	-3.46e-03	-0.28	8.67e-05	0.0	-4.04e-06
359	1	-1.31e-03	2.29e-04	-0.35	1.11e-04	-3.32e-05	-4.95e-06
359	2	-1.39e-03	-1.69e-04	-0.38	1.36e-04	-4.39e-05	-8.78e-06
359	19	-0.08	0.01	-0.36	-3.18e-04	-3.20e-04	-1.03e-04
359	29	5.93e-04	0.07	-0.41	-1.58e-03	-3.26e-04	-4.82e-05
359	35	-0.03	0.06	-0.43	-1.51e-03	-4.19e-04	-8.99e-05
359	51	-0.05	5.56e-03	-0.32	-1.23e-04	-1.92e-04	-6.15e-05
359	61	-3.41e-05	0.04	-0.34	-7.92e-04	-1.85e-04	-2.95e-05
359	67	-0.02	0.03	-0.36	-7.54e-04	-2.38e-04	-5.36e-05
359	69	-1.01e-03	1.76e-04	-0.27	8.57e-05	-2.55e-05	-3.81e-06
359	70	-1.06e-03	-8.91e-05	-0.29	1.02e-04	-3.27e-05	-6.36e-06
359	71	-1.01e-03	1.76e-04	-0.27	8.57e-05	-2.55e-05	-3.81e-06
359	72	-1.03e-03	4.36e-05	-0.28	9.40e-05	-2.91e-05	-5.08e-06
359	73	-1.01e-03	1.76e-04	-0.27	8.57e-05	-2.55e-05	-3.81e-06
359	74	-1.02e-03	9.66e-05	-0.28	9.07e-05	-2.77e-05	-4.57e-06
360	2	3.53e-03	-6.82e-03	-0.39	1.33e-04	0.0	-8.72e-06
360	18	0.09	-0.03	-0.23	6.65e-04	0.0	-4.97e-06
360	32	5.94e-03	-0.15	-0.19	2.42e-03	0.0	-1.28e-04
360	35	-0.04	0.13	-0.38	-2.17e-03	0.0	1.02e-04
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360	64	3.81e-03	-0.08	-0.24	1.32e-03	0.0	-7.19e-05
360	67	-0.02	0.07	-0.34	-1.10e-03	0.0	5.38e-05
360	70	2.66e-03	-5.01e-03	-0.30	9.88e-05	0.0	-6.15e-06
360	72	2.49e-03	-4.24e-03	-0.29	8.82e-05	0.0	-4.32e-06
360	74	2.42e-03	-3.93e-03	-0.28	8.40e-05	0.0	-3.59e-06
361	2	-1.97e-03	-1.49e-03	-0.39	1.33e-04	1.57e-04	-8.79e-06
361	19	-0.08	1.01e-03	-0.33	-4.94e-04	-7.20e-05	-5.23e-05
361	35	-0.03	0.05	-0.38	-2.15e-03	-1.98e-04	-8.02e-05
361	36	-0.02	-0.06	-0.20	2.38e-03	3.58e-04	5.52e-05
361	51	-0.05	-1.30e-04	-0.31	-2.18e-04	8.29e-06	-3.19e-05
361	67	-0.02	0.03	-0.34	-1.09e-03	-5.58e-05	-4.80e-05
361	68	-0.01	-0.03	-0.24	1.30e-03	2.40e-04	3.01e-05
361	70	-1.50e-03	-1.04e-03	-0.30	9.94e-05	1.19e-04	-6.29e-06
361	72	-1.44e-03	-6.96e-04	-0.29	8.88e-05	1.12e-04	-4.76e-06
361	74	-1.42e-03	-5.58e-04	-0.28	8.46e-05	1.09e-04	-4.14e-06
362	2	6.50e-03	-8.04e-03	-0.42	1.31e-04	0.0	-8.06e-06
362	18	0.09	-0.04	-0.27	8.17e-04	0.0	-6.68e-05
362	32	5.93e-03	-0.18	-0.25	3.02e-03	0.0	-1.59e-04
362	35	-0.03	0.16	-0.37	-2.76e-03	0.0	1.55e-04
362	50	0.05	-0.02	-0.29	4.64e-04	0.0	-3.79e-05
362	64	4.81e-03	-0.10	-0.28	1.63e-03	0.0	-8.66e-05
362	67	-0.02	0.08	-0.34	-1.42e-03	0.0	8.17e-05
362	70	4.90e-03	-5.85e-03	-0.32	9.70e-05	0.0	-5.64e-06
362	72	4.56e-03	-4.75e-03	-0.31	8.39e-05	0.0	-3.81e-06
362	74	4.43e-03	-4.30e-03	-0.30	7.86e-05	0.0	-3.08e-06
363	2	-2.18e-03	-2.78e-03	-0.42	1.32e-04	2.39e-04	-8.20e-06
363	19	-0.08	-1.96e-03	-0.33	-6.66e-04	4.46e-05	-1.73e-05
363	35	-0.03	0.05	-0.37	-2.81e-03	-4.29e-05	-7.71e-05
363	36	-0.02	-0.06	-0.25	3.05e-03	3.33e-04	7.52e-05
363	51	-0.05	-2.18e-03	-0.32	-3.10e-04	9.76e-05	-1.14e-05
363	67	-0.02	0.02	-0.34	-1.44e-03	5.30e-05	-4.54e-05
363	68	-0.01	-0.03	-0.28	1.64e-03	2.53e-04	4.12e-05
363	70	-1.66e-03	-1.96e-03	-0.32	9.72e-05	1.80e-04	-5.83e-06
363	72	-1.59e-03	-1.38e-03	-0.31	8.43e-05	1.69e-04	-4.30e-06
363	74	-1.56e-03	-1.15e-03	-0.30	7.92e-05	1.64e-04	-3.69e-06
364	2	-1.58e-03	1.12e-03	-0.41	1.42e-04	-2.04e-04	-7.66e-06
364	19	-0.09	0.01	-0.41	-1.88e-04	-6.07e-04	-1.93e-04
364	31	-0.02	0.08	-0.43	-5.87e-04	-4.29e-04	-6.26e-05
364	35	-0.03	0.07	-0.44	-6.38e-04	-4.79e-04	-8.18e-05
364	51	-0.05	5.55e-03	-0.36	-5.54e-05	-4.06e-04	-1.13e-04
364	63	-0.01	0.04	-0.37	-2.65e-04	-2.96e-04	-3.79e-05
364	67	-0.02	0.04	-0.37	-2.93e-04	-3.25e-04	-4.90e-05
364	70	-1.19e-03	8.54e-04	-0.31	1.08e-04	-1.54e-04	-5.72e-06
364	72	-1.13e-03	8.30e-04	-0.30	1.03e-04	-1.43e-04	-5.17e-06
364	74	-1.11e-03	8.21e-04	-0.30	1.01e-04	-1.39e-04	-4.95e-06
365	2	-9.79e-03	-4.44e-03	-0.41	0.0	-2.08e-04	-1.48e-05
365	19	-0.11	0.01	-0.41	0.0	-5.96e-04	-2.14e-04
365	30	0.02	-0.11	-0.17	0.0	1.50e-04	4.49e-05
365	35	-0.05	0.09	-0.44	0.0	-4.80e-04	-8.50e-05

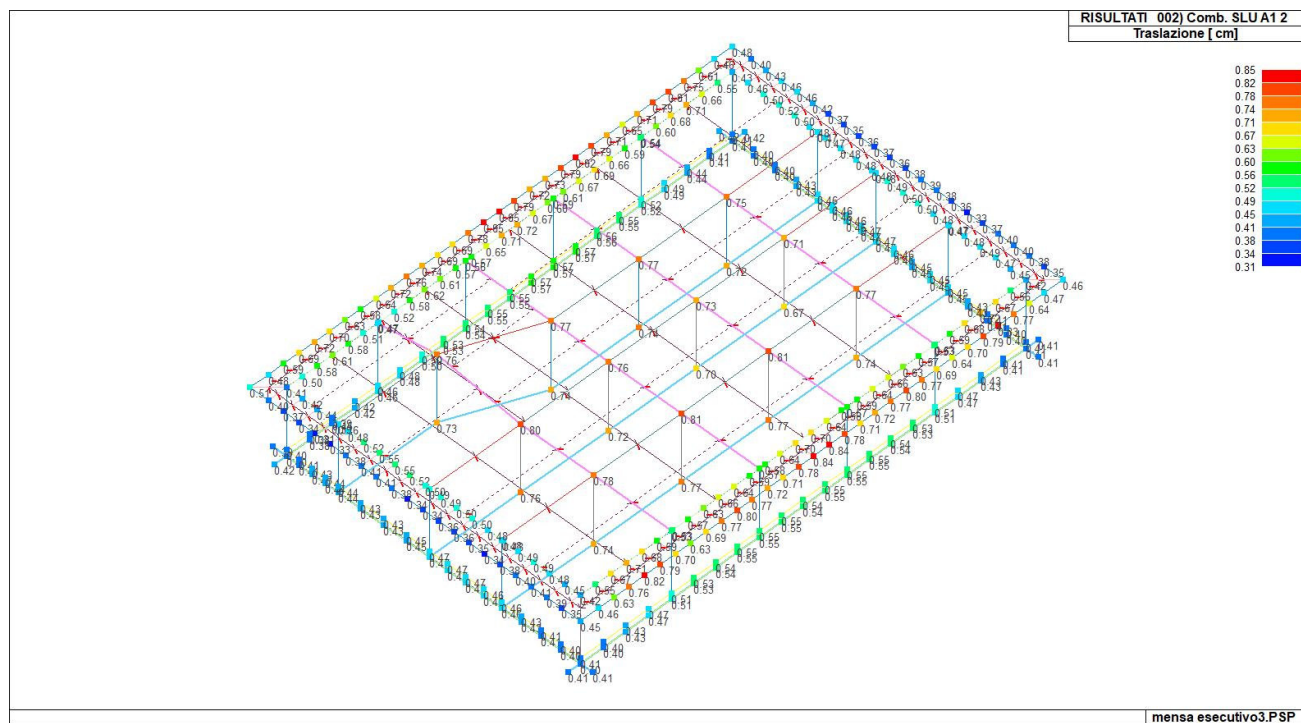
365	51	-0.07	6.38e-03	-0.36	0.0	-4.01e-04	-1.28e-04
365	62	9.58e-03	-0.06	-0.23	0.0	1.65e-05	2.13e-05
365	67	-0.03	0.05	-0.37	0.0	-3.27e-04	-5.29e-05
365	70	-7.38e-03	-3.36e-03	-0.31	0.0	-1.57e-04	-1.11e-05
365	72	-6.89e-03	-3.19e-03	-0.30	0.0	-1.46e-04	-1.02e-05
365	74	-6.69e-03	-3.12e-03	-0.30	0.0	-1.42e-04	-9.90e-06
366	2	-2.19e-03	1.06e-03	-0.43	1.43e-04	-2.33e-04	-6.92e-06
366	19	-0.10	0.01	-0.41	2.36e-05	-6.76e-04	-1.93e-04
366	31	-0.02	0.08	-0.38	-3.99e-04	-4.04e-04	-5.58e-05
366	47	-0.06	1.61e-03	-0.36	7.92e-05	-4.52e-04	-1.14e-04
366	51	-0.06	5.62e-03	-0.36	6.33e-05	-4.55e-04	-1.13e-04
366	63	-0.01	0.04	-0.35	-1.64e-04	-2.93e-04	-3.39e-05
366	70	-1.66e-03	8.09e-04	-0.32	1.08e-04	-1.75e-04	-5.22e-06
366	72	-1.56e-03	7.88e-04	-0.31	1.04e-04	-1.64e-04	-4.87e-06
366	74	-1.52e-03	7.80e-04	-0.30	1.02e-04	-1.59e-04	-4.73e-06
367	2	-0.01	-4.17e-03	-0.43	0.0	-2.39e-04	-1.52e-05
367	19	-0.12	0.01	-0.41	0.0	-6.85e-04	-2.01e-04
367	30	0.02	-0.10	-0.23	0.0	8.11e-05	1.05e-05
367	51	-0.07	5.93e-03	-0.36	0.0	-4.62e-04	-1.21e-04
367	62	9.27e-03	-0.06	-0.26	0.0	-2.95e-05	2.10e-06
367	70	-8.83e-03	-3.17e-03	-0.32	0.0	-1.80e-04	-1.15e-05
367	72	-8.25e-03	-3.03e-03	-0.31	0.0	-1.68e-04	-1.08e-05
367	74	-8.02e-03	-2.97e-03	-0.30	0.0	-1.63e-04	-1.05e-05
368	2	-2.73e-03	8.49e-04	-0.44	1.02e-04	-2.61e-04	-5.60e-06
368	15	-0.11	2.85e-03	-0.40	5.14e-05	-7.51e-04	-1.69e-04
368	19	-0.11	0.01	-0.41	2.62e-05	-7.52e-04	-1.68e-04
368	31	-0.03	0.08	-0.35	-3.21e-04	-4.95e-04	-4.95e-05
368	47	-0.06	1.54e-03	-0.37	6.49e-05	-5.08e-04	-9.88e-05
368	51	-0.06	5.56e-03	-0.37	5.14e-05	-5.08e-04	-9.86e-05
368	63	-0.02	0.04	-0.33	-1.37e-04	-2.90e-04	-3.01e-05
368	70	-2.06e-03	6.50e-04	-0.33	7.75e-05	-4.25e-04	-4.25e-06
368	72	-1.94e-03	6.38e-04	-0.32	7.49e-05	-1.84e-04	-4.06e-06
368	74	-1.89e-03	6.33e-04	-0.31	7.39e-05	-1.79e-04	-3.99e-06
369	2	-0.01	-2.48e-03	-0.44	0.0	-2.86e-04	-1.84e-05
369	15	-0.14	6.04e-03	-0.40	0.0	-7.39e-04	-2.32e-04
369	19	-0.14	0.01	-0.41	0.0	-7.41e-04	-2.27e-04
369	30	0.02	-0.10	-0.27	0.0	2.54e-06	3.79e-05
369	47	-0.08	2.19e-03	-0.37	0.0	-5.08e-04	-1.39e-04
369	51	-0.08	6.74e-03	-0.37	0.0	-5.09e-04	-1.36e-04
369	62	8.75e-03	-0.05	-0.29	0.0	-8.65e-05	1.61e-05
369	70	-0.01	-1.89e-03	-0.33	0.0	-2.16e-04	-1.39e-05
369	72	-9.86e-03	-1.83e-03	-0.32	0.0	-2.02e-04	-1.33e-05
369	74	-9.59e-03	-1.81e-03	-0.31	0.0	-1.96e-04	-1.30e-05
370	2	-0.02	1.13e-03	-0.44	-3.82e-05	-4.13e-04	-5.77e-06
370	15	-0.15	7.74e-03	-0.40	-1.38e-04	-1.21e-03	-1.40e-04
370	20	-0.15	-0.04	-0.41	2.69e-04	-1.15e-03	-1.70e-04
370	31	-0.05	0.10	-0.32	-7.62e-04	-5.31e-04	1.57e-05
370	47	-0.09	4.25e-03	-0.37	-8.34e-05	-8.20e-04	-8.30e-05
370	52	-0.09	-0.02	-0.37	1.36e-04	-7.88e-04	-9.89e-05
370	63	-0.03	0.05	-0.32	-4.22e-04	-4.25e-04	4.93e-06
370	70	-0.01	8.42e-04	-0.34	-2.83e-05	-3.12e-04	-4.39e-06
370	72	-0.01	7.44e-04	-0.32	-2.49e-05	-2.94e-04	-4.22e-06
370	74	-0.01	7.04e-04	-0.32	-2.35e-05	-2.86e-04	-4.15e-06
371	1	-2.92e-03	2.56e-04	-0.39	-6.29e-05	-2.33e-04	0.0
371	2	-3.31e-03	2.25e-04	-0.43	-7.77e-05	-2.73e-04	0.0
371	15	-0.12	3.07e-03	-0.39	-1.14e-04	-9.09e-04	9.55e-05
371	20	-0.12	-0.04	-0.41	-1.30e-04	-8.82e-04	8.75e-05
371	31	-0.03	0.08	-0.29	3.50e-06	-3.71e-04	-1.86e-05
371	47	-0.07	1.46e-03	-0.36	-8.81e-05	-6.03e-04	5.51e-05
371	52	-0.07	-0.02	-0.37	-9.65e-05	-5.88e-04	5.08e-05
371	63	-0.02	0.05	-0.30	-2.10e-05	-2.92e-04	-1.10e-05
371	69	-2.24e-03	1.97e-04	-0.30	-4.84e-05	-1.79e-04	0.0
371	70	-2.51e-03	1.76e-04	-0.33	-5.82e-05	-2.06e-04	0.0
371	71	-2.24e-03	1.97e-04	-0.30	-4.84e-05	-1.79e-04	0.0
371	72	-2.37e-03	1.87e-04	-0.31	-5.33e-05	-1.93e-04	0.0
371	73	-2.24e-03	1.97e-04	-0.30	-4.84e-05	-1.79e-04	0.0
371	74	-2.32e-03	1.91e-04	-0.31	-5.13e-05	-1.87e-04	0.0
372	2	-0.01	2.08e-03	-0.43	0.0	-2.96e-04	3.52e-06
372	15	-0.16	6.44e-03	-0.39	0.0	-8.65e-04	9.48e-05
372	20	-0.15	-0.03	-0.41	0.0	-8.45e-04	1.04e-04
372	31	-0.05	0.08	-0.29	0.0	-3.69e-04	-5.34e-05
372	47	-0.10	3.92e-03	-0.36	0.0	-5.85e-04	5.57e-05
372	52	-0.09	-0.02	-0.37	0.0	-5.74e-04	6.07e-05
372	63	-0.03	0.05	-0.30	0.0	-2.98e-04	-2.93e-05
372	70	-0.01	1.56e-03	-0.33	0.0	-2.23e-04	2.64e-06
372	72	-0.01	1.44e-03	-0.31	0.0	-2.09e-04	2.44e-06
372	74	-0.01	1.39e-03	-0.31	0.0	-2.04e-04	2.35e-06

373	2	-3.06e-03	6.08e-04	-0.43	6.60e-05	-2.57e-04	2.30e-06
373	15	-0.13	3.63e-03	-0.40	0.0	-9.72e-04	9.10e-05
373	20	-0.13	-0.03	-0.41	-1.00e-04	-9.49e-04	8.11e-05
373	31	-0.03	0.08	-0.31	2.70e-04	-3.88e-04	-2.15e-05
373	47	-0.08	1.88e-03	-0.36	1.76e-05	-6.35e-04	5.29e-05
373	52	-0.07	-0.02	-0.37	-3.61e-05	-3.22e-04	4.76e-05
373	63	-0.02	0.05	-0.31	1.67e-04	-2.97e-04	-1.23e-05
373	70	-2.32e-03	4.64e-04	-0.32	4.99e-05	-1.94e-04	1.73e-06
373	72	-2.20e-03	4.51e-04	-0.31	4.72e-05	-1.82e-04	1.62e-06
373	74	-2.16e-03	4.46e-04	-0.31	4.61e-05	-1.77e-04	1.57e-06
374	2	-0.01	-1.92e-03	-0.43	0.0	-2.65e-04	4.16e-06
374	15	-0.17	3.29e-03	-0.40	0.0	-1.00e-03	1.00e-04
374	20	-0.16	-0.03	-0.41	0.0	-9.77e-04	7.94e-05
374	30	0.03	-0.08	-0.30	0.0	3.35e-05	7.33e-06
374	47	-0.10	1.03e-03	-0.36	0.0	-6.54e-04	5.86e-05
374	52	-0.10	-0.02	-0.37	0.0	-6.41e-04	4.75e-05
374	62	0.01	-0.04	-0.30	0.0	-5.90e-05	7.09e-06
374	70	-0.01	-1.45e-03	-0.32	0.0	-2.00e-04	3.13e-06
374	72	-9.65e-03	-1.36e-03	-0.31	0.0	-1.88e-04	2.91e-06
374	74	-9.40e-03	-1.32e-03	-0.31	0.0	-1.83e-04	2.82e-06
375	2	-2.72e-03	9.14e-04	-0.45	1.92e-04	-2.41e-04	2.02e-06
375	15	-0.14	4.01e-03	-0.44	2.57e-04	-1.07e-03	-5.89e-05
375	19	-0.14	0.01	-0.44	2.64e-04	-1.07e-03	-5.97e-05
375	31	-0.04	0.08	-0.36	3.11e-04	-4.16e-04	-2.17e-05
375	47	-0.08	2.19e-03	-0.39	2.02e-04	-6.86e-04	-3.36e-05
375	51	-0.08	6.29e-03	-0.39	2.06e-04	-6.85e-04	-3.41e-05
375	63	-0.02	0.05	-0.34	2.29e-04	-3.10e-04	-1.26e-05
375	70	-2.06e-03	6.93e-04	-0.34	1.45e-04	-1.82e-04	1.53e-06
375	72	-1.96e-03	6.61e-04	-0.33	1.36e-04	-1.71e-04	1.43e-06
375	74	-1.92e-03	6.49e-04	-0.32	1.32e-04	-1.66e-04	1.39e-06
376	2	-0.01	-5.21e-03	-0.45	0.0	-2.66e-04	2.96e-06
376	15	-0.18	1.60e-03	-0.44	0.0	-9.98e-04	-1.30e-04
376	19	-0.18	8.86e-03	-0.44	0.0	-9.95e-04	-1.31e-04
376	30	0.03	-0.08	-0.29	0.0	4.55e-05	7.44e-05
376	47	-0.11	-9.12e-04	-0.39	0.0	-6.53e-04	-7.39e-05
376	51	-0.11	3.06e-03	-0.39	0.0	-6.52e-04	-7.43e-05
376	62	0.02	-0.05	-0.30	0.0	-5.25e-05	4.31e-05
376	70	-9.84e-03	-3.93e-03	-0.34	0.0	-2.01e-04	2.23e-06
376	72	-9.26e-03	-3.66e-03	-0.33	0.0	-1.89e-04	2.06e-06
376	74	-9.03e-03	-3.56e-03	-0.32	0.0	-1.84e-04	2.00e-06
377	2	-0.01	-2.36e-03	-0.47	6.92e-05	-3.61e-04	2.76e-06
377	19	-0.20	0.01	-0.46	-8.60e-05	-1.67e-03	5.99e-05
377	30	0.04	-0.09	-0.30	6.05e-04	1.46e-04	-3.37e-05
377	51	-0.12	5.36e-03	-0.41	-2.42e-05	-1.07e-03	3.43e-05
377	62	0.02	-0.05	-0.32	3.49e-04	-2.28e-05	-1.53e-05
377	70	-0.01	-1.78e-03	-0.36	5.21e-05	-2.73e-04	2.09e-06
377	72	-0.01	-1.64e-03	-0.34	4.83e-05	-2.58e-04	1.97e-06
377	74	-0.01	-1.59e-03	-0.34	4.68e-05	-2.51e-04	1.93e-06
378	1	-2.15e-03	5.73e-05	-0.43	-4.52e-05	-1.86e-04	0.0
378	2	-2.40e-03	3.79e-05	-0.47	-5.33e-05	-2.18e-04	0.0
378	19	-0.13	0.01	-0.46	-6.90e-05	-1.07e-03	6.81e-05
378	20	-0.14	-0.03	-0.45	-8.74e-05	-1.10e-03	6.50e-05
378	31	-0.03	0.08	-0.38	1.18e-05	-3.77e-04	-2.38e-05
378	51	-0.08	6.06e-03	-0.41	-5.56e-05	-6.83e-04	3.94e-05
378	52	-0.08	-0.02	-0.40	-6.53e-05	-6.95e-04	3.77e-05
378	63	-0.02	0.05	-0.36	-1.01e-05	-2.81e-04	-1.35e-05
378	69	-1.65e-03	4.41e-05	-0.33	-3.48e-05	-1.43e-04	0.0
378	70	-1.82e-03	3.11e-05	-0.36	-4.01e-05	-1.64e-04	0.0
378	71	-1.65e-03	4.41e-05	-0.33	-3.48e-05	-1.43e-04	0.0
378	72	-1.74e-03	3.76e-05	-0.34	-3.75e-05	-1.54e-04	0.0
378	73	-1.65e-03	4.41e-05	-0.33	-3.48e-05	-1.43e-04	0.0
378	74	-1.70e-03	4.02e-05	-0.34	-3.64e-05	-1.50e-04	0.0
379	2	-0.01	1.15e-03	-0.47	0.0	-2.43e-04	5.05e-06
379	19	-0.18	0.01	-0.46	0.0	-1.02e-03	1.22e-04
379	20	-0.18	-0.03	-0.45	0.0	-1.04e-03	1.39e-04
379	31	-0.05	0.08	-0.38	0.0	-3.79e-04	3.97e-06
379	51	-0.11	6.34e-03	-0.41	0.0	-6.59e-04	7.24e-05
379	52	-0.11	-0.02	-0.41	0.0	-6.72e-04	8.15e-05
379	63	-0.03	0.05	-0.36	0.0	-2.90e-04	4.95e-06
379	70	-8.93e-03	8.68e-04	-0.36	0.0	-1.84e-04	3.83e-06
379	72	-8.41e-03	8.20e-04	-0.34	0.0	-1.73e-04	3.66e-06
379	74	-8.20e-03	8.01e-04	-0.34	0.0	-1.68e-04	3.59e-06
380	2	-2.38e-03	-5.76e-05	-0.47	-3.95e-05	-2.09e-04	0.0
380	11	-0.13	0.04	-0.45	4.58e-05	-1.03e-03	-8.79e-05
380	12	-0.13	-3.70e-03	-0.45	1.18e-05	-1.05e-03	-9.49e-05
380	30	0.03	-0.08	-0.29	-1.01e-04	7.77e-05	1.57e-05
380	43	-0.08	0.02	-0.40	1.40e-05	-6.51e-04	-5.06e-05

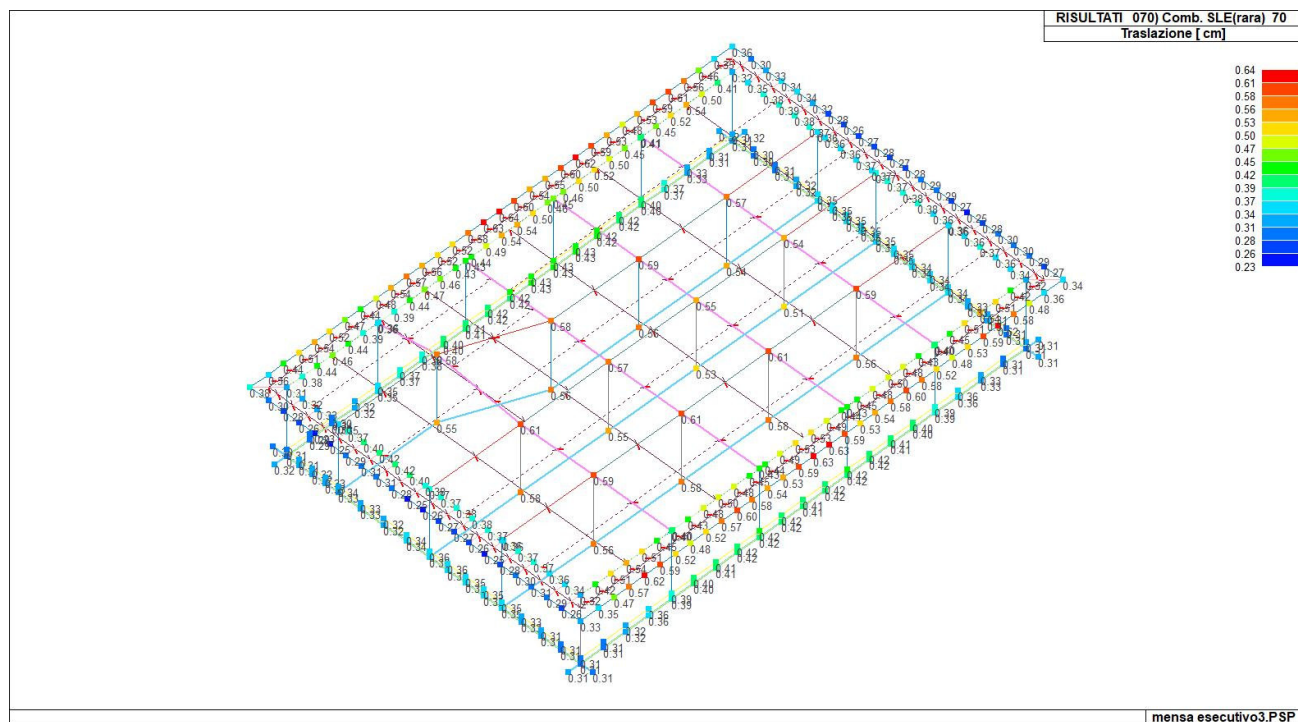
380	44	-0.08	-1.51e-03	-0.40	-3.92e-06	-6.67e-04	-5.46e-05
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380	70	-1.80e-03	-4.19e-05	-0.35	-2.99e-05	-1.58e-04	0.0
380	72	-1.72e-03	-3.41e-05	-0.34	-2.81e-05	-1.48e-04	0.0
380	74	-1.69e-03	-3.09e-05	-0.33	-2.74e-05	-1.44e-04	0.0
381	2	-0.01	1.43e-03	-0.47	0.0	-2.18e-04	1.48e-06
381	11	-0.17	0.04	-0.45	0.0	-1.05e-03	-8.20e-05
381	12	-0.18	-3.16e-03	-0.45	0.0	-1.08e-03	-9.39e-05
381	31	-0.05	0.08	-0.38	0.0	-3.76e-04	-5.74e-06
381	43	-0.10	0.02	-0.40	0.0	-6.67e-04	-4.68e-05
381	44	-0.10	-8.24e-04	-0.40	0.0	-6.83e-04	-5.33e-05
381	63	-0.03	0.05	-0.36	0.0	-2.81e-04	-3.52e-06
381	70	-8.33e-03	1.08e-03	-0.35	0.0	-1.64e-04	1.13e-06
381	72	-7.84e-03	1.03e-03	-0.34	0.0	-1.54e-04	1.10e-06
381	74	-7.64e-03	1.01e-03	-0.33	0.0	-1.50e-04	1.09e-06
382	2	-2.40e-03	-1.07e-04	-0.46	-1.43e-05	-1.99e-04	0.0
382	11	-0.14	0.04	-0.45	1.95e-05	-1.06e-03	-6.96e-05
382	12	-0.14	-3.78e-03	-0.45	5.09e-05	-1.10e-03	-7.38e-05
382	30	0.04	-0.08	-0.28	2.73e-05	8.43e-05	1.44e-05
382	43	-0.08	0.02	-0.40	6.79e-06	-6.69e-04	-4.01e-05
382	44	-0.08	-1.59e-03	-0.40	2.40e-05	-6.90e-04	-4.25e-05
382	62	0.02	-0.05	-0.30	9.56e-06	-8.19e-06	8.36e-06
382	70	-1.82e-03	-8.09e-05	-0.35	-1.10e-05	-1.50e-04	0.0
382	72	-1.73e-03	-7.52e-05	-0.34	-1.11e-05	-1.40e-04	0.0
382	74	-1.69e-03	-7.29e-05	-0.33	-1.12e-05	-1.37e-04	0.0
383	2	-0.01	1.29e-03	-0.46	0.0	-2.24e-04	-1.50e-06
383	11	-0.18	0.04	-0.45	0.0	-9.97e-04	-1.42e-04
383	12	-0.18	-3.59e-03	-0.45	0.0	-1.03e-03	-1.22e-04
383	31	-0.05	0.09	-0.38	0.0	-3.53e-04	-7.33e-05
383	43	-0.11	0.02	-0.40	0.0	-6.39e-04	-8.16e-05
383	44	-0.11	-1.03e-03	-0.40	0.0	-6.59e-04	-7.10e-05
383	63	-0.03	0.05	-0.36	0.0	-2.70e-04	-4.13e-05
383	70	-8.35e-03	9.85e-04	-0.35	0.0	-1.69e-04	-1.13e-06
383	72	-7.84e-03	9.56e-04	-0.34	0.0	-1.59e-04	-1.02e-06
383	74	-7.64e-03	9.45e-04	-0.33	0.0	-1.54e-04	0.0
384	2	-0.01	3.53e-03	-0.46	-8.09e-05	-3.18e-04	2.24e-06
384	12	-0.20	-2.11e-03	-0.45	6.21e-06	-1.72e-03	8.52e-05
384	31	-0.06	0.10	-0.35	-8.08e-04	-5.76e-04	1.01e-04
384	44	-0.12	6.27e-04	-0.40	-2.86e-05	-1.08e-03	5.10e-05
384	63	-0.04	0.05	-0.34	-4.65e-04	-4.27e-04	5.60e-05
384	70	-9.70e-03	2.68e-03	-0.35	-6.14e-05	-2.40e-04	1.73e-06
384	72	-9.13e-03	2.57e-03	-0.33	-5.88e-05	-2.27e-04	1.76e-06
384	74	-8.90e-03	2.53e-03	-0.33	-5.78e-05	-2.21e-04	1.77e-06
385	2	-2.19e-03	-7.80e-04	-0.43	-2.10e-04	-2.61e-04	2.29e-06
385	7	-0.13	0.03	-0.41	-3.28e-04	-8.90e-04	1.82e-04
385	12	-0.13	-4.56e-03	-0.43	-2.50e-04	-9.59e-04	1.77e-04
385	30	0.03	-0.08	-0.32	4.12e-05	1.93e-06	-5.85e-05
385	39	-0.07	0.02	-0.37	-2.52e-04	-5.59e-04	1.06e-04
385	44	-0.07	-2.27e-03	-0.38	-2.10e-04	-5.96e-04	1.03e-04
385	62	0.02	-0.05	-0.32	-4.51e-05	-4.04e-05	-3.29e-05
385	70	-1.65e-03	-5.92e-04	-0.33	-1.59e-04	-1.21e-04	1.77e-06
385	72	-1.55e-03	-5.66e-04	-0.32	-1.52e-04	-1.13e-04	1.82e-06
385	74	-1.50e-03	-5.56e-04	-0.31	-1.49e-04	-1.09e-04	1.84e-06
386	2	-9.28e-03	6.34e-03	-0.43	0.0	-1.85e-04	8.95e-06
386	12	-0.17	1.80e-03	-0.43	0.0	-8.85e-04	2.80e-04
386	31	-0.05	0.09	-0.30	0.0	-2.06e-04	6.70e-05
386	44	-0.10	3.72e-03	-0.38	0.0	-5.61e-04	1.64e-04
386	63	-0.03	0.05	-0.31	0.0	-1.77e-04	4.22e-05
386	70	-6.99e-03	4.81e-03	-0.33	0.0	-1.40e-04	6.84e-06
386	72	-6.51e-03	4.61e-03	-0.32	0.0	-1.30e-04	6.68e-06
386	74	-6.32e-03	4.52e-03	-0.31	0.0	-1.26e-04	6.62e-06
387	2	-1.83e-03	-5.82e-04	-0.41	-1.33e-04	-1.33e-04	3.32e-06
387	7	-0.11	0.03	-0.37	-3.05e-04	-6.77e-04	2.19e-04
387	12	-0.11	-4.43e-03	-0.40	-2.04e-04	-7.73e-04	2.25e-04
387	30	0.03	-0.08	-0.33	1.35e-04	-8.04e-05	-5.41e-05
387	39	-0.07	0.02	-0.34	-2.16e-04	-4.28e-04	1.27e-04
387	44	-0.07	-2.15e-03	-0.36	-1.62e-04	-4.79e-04	1.31e-04
387	62	0.02	-0.04	-0.31	2.85e-05	-7.69e-05	-3.02e-05
387	70	-1.38e-03	-4.44e-04	-0.31	-1.02e-04	-9.98e-05	2.53e-06
387	72	-1.27e-03	-4.33e-04	-0.30	-9.90e-05	-9.18e-05	2.44e-06
387	74	-1.23e-03	-4.29e-04	-0.29	-9.79e-05	-8.87e-05	2.41e-06
388	2	-7.32e-03	4.40e-03	-0.41	0.0	-1.39e-04	8.07e-06
388	12	-0.14	4.11e-04	-0.40	0.0	-7.92e-04	2.23e-04
388	31	-0.04	0.09	-0.26	0.0	-1.07e-04	1.01e-04
388	44	-0.08	2.39e-03	-0.36	0.0	-4.92e-04	1.31e-04
388	63	-0.02	0.05	-0.28	0.0	-1.08e-04	5.95e-05
388	70	-5.50e-03	3.36e-03	-0.31	0.0	-1.04e-04	6.14e-06

388	72	-5.07e-03	3.28e-03	-0.30	0.0	-9.63e-05	5.92e-06
388	74	-4.90e-03	3.24e-03	-0.29	0.0	-9.31e-05	5.83e-06
389	1	-1.11e-03	-2.27e-04	-0.36	-2.17e-05	-8.24e-05	3.29e-06
389	2	-1.35e-03	-2.00e-04	-0.40	-1.21e-05	-1.04e-04	4.32e-06
389	7	-0.10	0.03	-0.35	5.29e-05	-4.87e-04	2.14e-04
389	30	0.03	-0.08	-0.36	3.21e-04	-1.56e-04	-4.25e-05
389	32	-0.03	-0.07	-0.41	4.19e-04	-4.40e-04	8.55e-05
389	39	-0.06	0.02	-0.32	2.93e-05	-3.10e-04	1.25e-04
389	62	0.02	-0.04	-0.32	1.61e-04	-1.09e-04	-2.34e-05
389	64	-0.02	-0.04	-0.35	2.18e-04	-2.72e-04	5.04e-05
389	69	-8.57e-04	-1.75e-04	-0.28	-1.67e-05	-6.34e-05	2.53e-06
389	70	-1.01e-03	-1.57e-04	-0.31	-1.03e-05	-7.76e-05	3.21e-06
389	71	-8.57e-04	-1.75e-04	-0.28	-1.67e-05	-6.34e-05	2.53e-06
389	72	-9.35e-04	-1.66e-04	-0.29	-1.35e-05	-7.05e-05	2.87e-06
389	73	-8.57e-04	-1.75e-04	-0.28	-1.67e-05	-6.34e-05	2.53e-06
389	74	-9.03e-04	-1.69e-04	-0.29	-1.48e-05	-6.76e-05	2.74e-06
390	1	-4.59e-03	1.08e-03	-0.36	0.0	-9.44e-05	6.59e-06
390	2	-5.70e-03	8.39e-04	-0.40	0.0	-1.17e-04	7.91e-06
390	12	-0.13	-3.90e-03	-0.40	0.0	-6.06e-04	2.59e-04
390	31	-0.03	0.10	-0.22	0.0	1.90e-05	4.72e-05
390	32	-0.05	-0.08	-0.41	0.0	-4.48e-04	1.10e-04
390	44	-0.07	-1.05e-03	-0.35	0.0	-3.77e-04	1.51e-04
390	63	-0.02	0.05	-0.25	0.0	-3.11e-05	3.06e-05
390	64	-0.03	-0.04	-0.35	0.0	-2.81e-04	6.45e-05
390	69	-3.53e-03	8.29e-04	-0.28	0.0	-7.26e-05	5.07e-06
390	70	-4.27e-03	6.70e-04	-0.31	0.0	-8.79e-05	5.95e-06
390	71	-3.53e-03	8.29e-04	-0.28	0.0	-7.26e-05	5.07e-06
390	72	-3.90e-03	7.50e-04	-0.29	0.0	-8.02e-05	5.51e-06
390	73	-3.53e-03	8.29e-04	-0.28	0.0	-7.26e-05	5.07e-06
390	74	-3.75e-03	7.82e-04	-0.29	0.0	-7.72e-05	5.33e-06

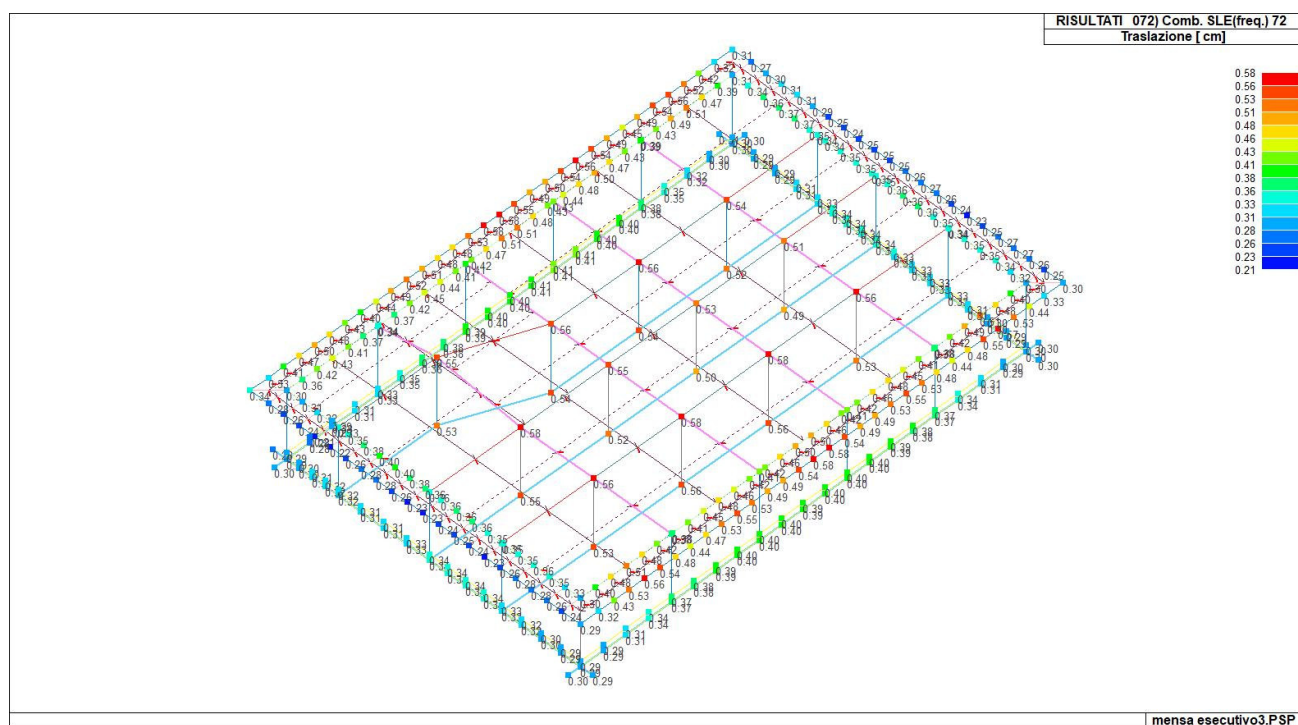
Nodo	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
	-2.49	-3.95	-1.69	-0.01	-3.40e-03	-0.03
	2.58	3.92	0.69	0.01	3.42e-03	0.03



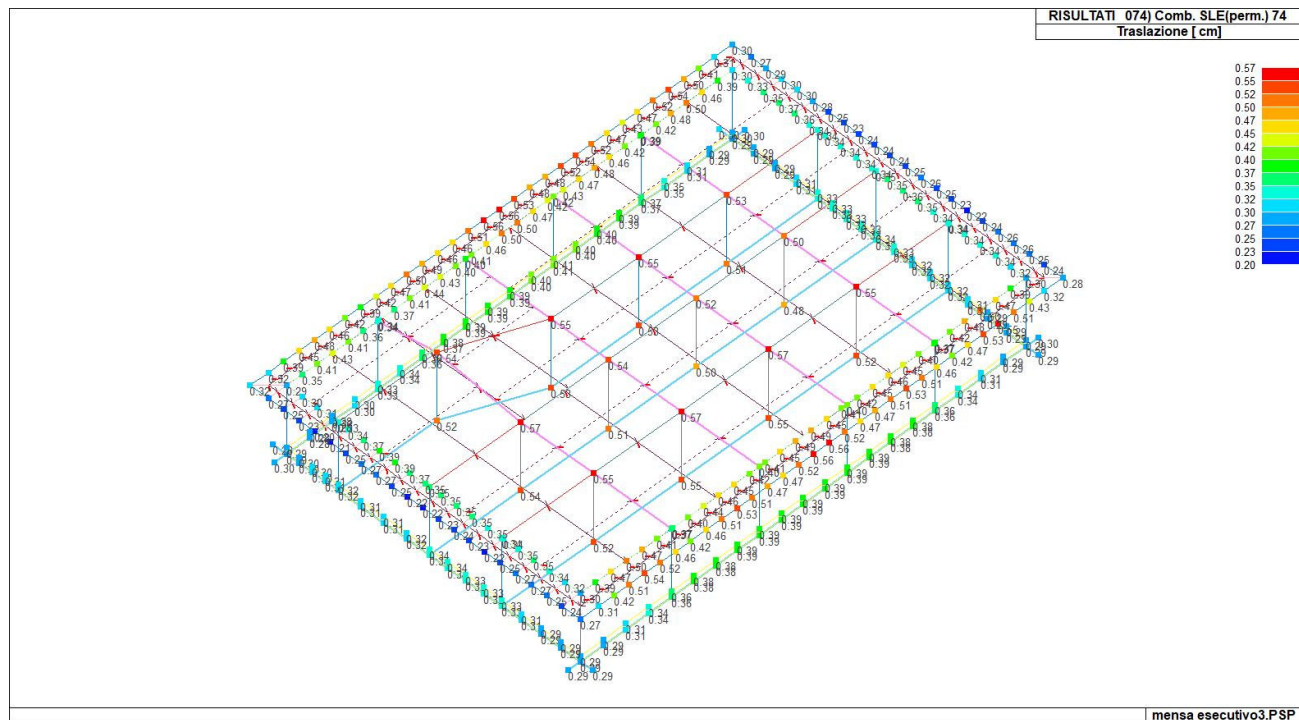
41_RIS_SPOSTAMENTI_002_Comb. SLU A1 2



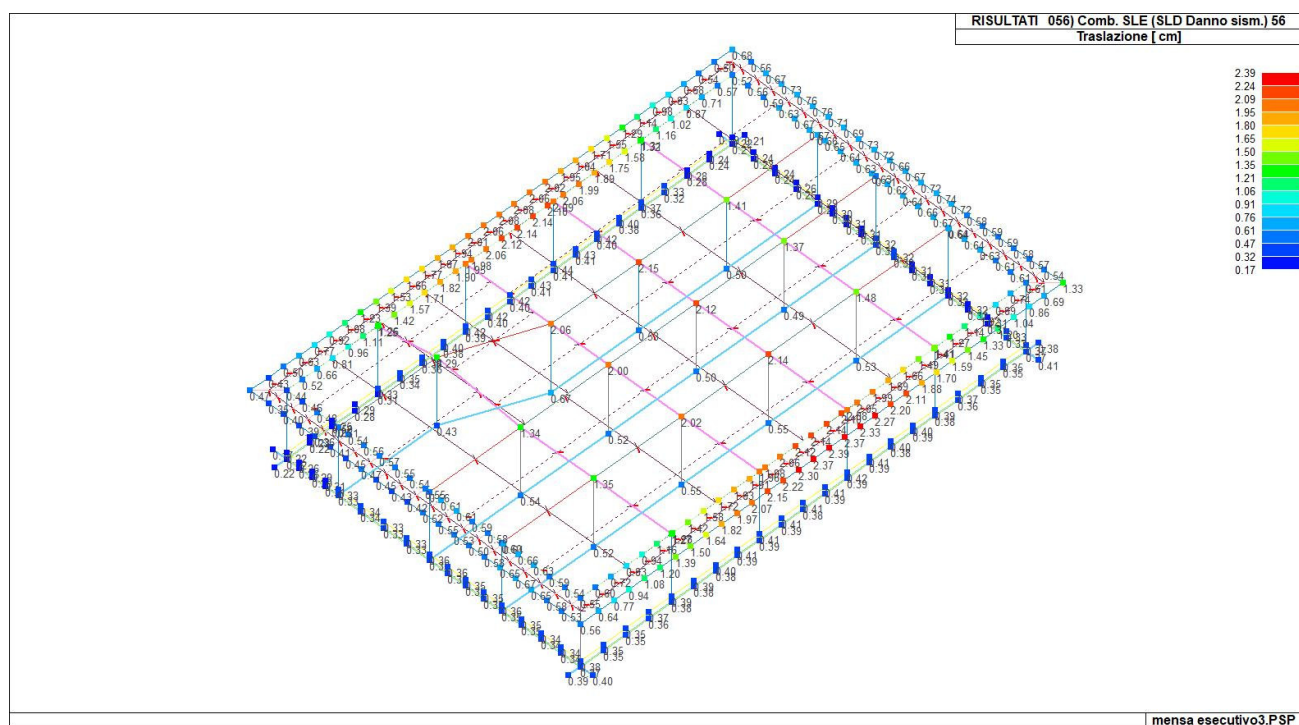
41_RIS_SPOSTAMENTI_070_Comb. SLE(rara) 70



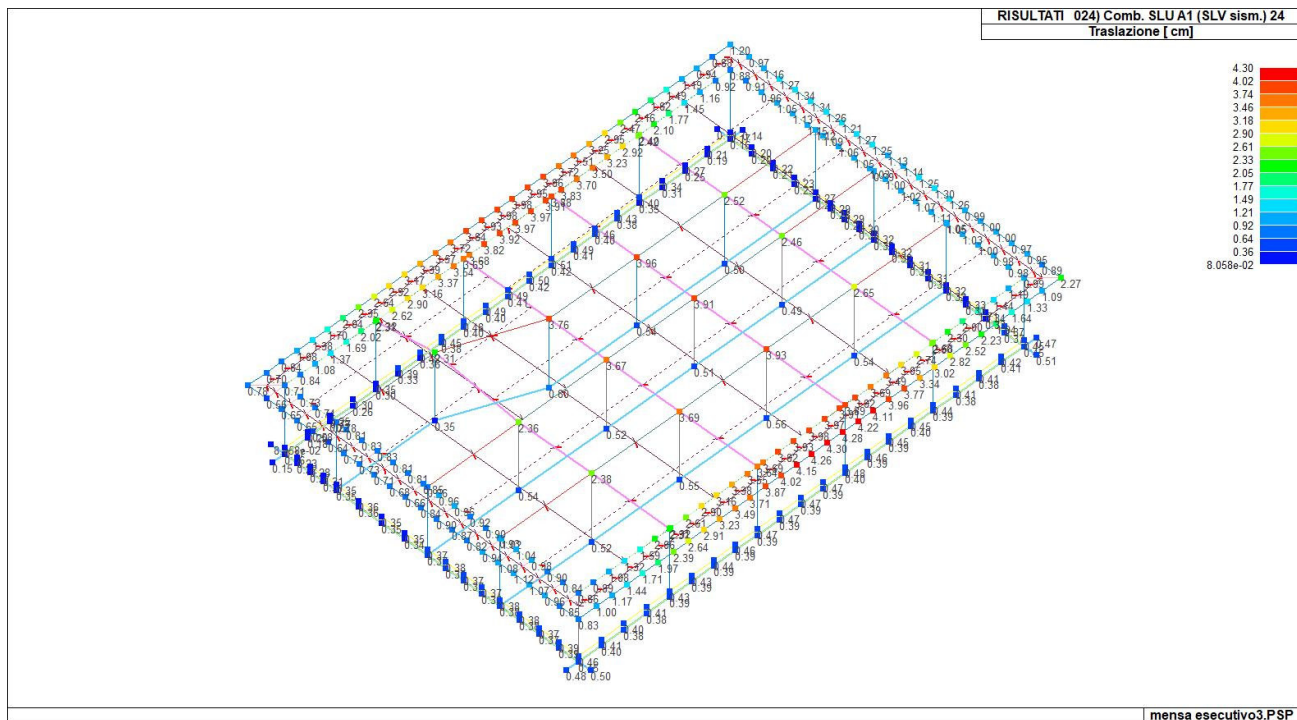
41_RIS_SPOSTAMENTI_072_Comb. SLE(freq.) 72



41_RIS_SPOSTAMENTI_074_Comb. SLE(perm.) 74



41_RIS_SPOSTAMENTI_056_Comb. SLE (SLD Danno sism.) 56



41_RIS_SPOSTAMENTI_024_Comb. SLU A1 (SLV sism.) 24

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo trave, è possibile in relazione alle tabelle sotto riportate.

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

- tipo **pilastro**
- tipo **trave in elevazione**
- tipo **trave in fondazione**

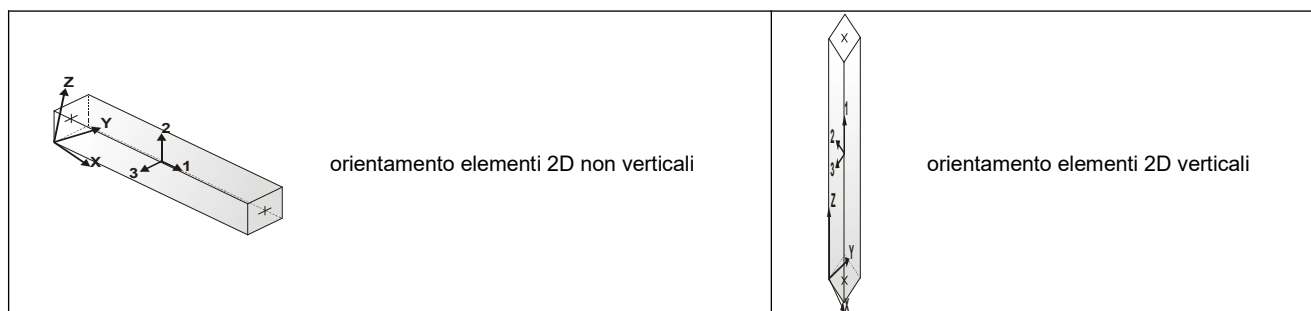
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

Per gli elementi tipo *pilastro* sono riportati in tabella i seguenti valori:

Pilas.	numero dell'elemento pilastro
Cmb	combinazione in cui si verificano i valori riportati
M3 mx/mn	momento flettente in campata M3 max (prima riga) / min (seconda riga)
M2 mx/mn	momento flettente in campata M2 max (prima riga) / min (seconda riga)
D2/D3	freccia massima in direzione 2 (prima riga) / direzione 3 (seconda riga)
Q2/Q3	carico totale in direzione 2 (prima riga) / direzione 3 (seconda riga)
Pos.	ascissa del punto iniziale e finale dell'elemento
N, V2, ecc..	sei componenti di sollecitazione al piede ed in sommità dell'elemento

Per gli elementi tipo *trave in elevazione* sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri.

Per gli elementi tipo *trave in fondazione* (trave f.) sono riportati, oltre al numero dell'elemento, i medesimi risultati visti per i pilastri e la massima pressione sul terreno.



Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
17	2	-3936.32	1.249e+04	-2.68e-03	0.0	0.0	-5415.16	160.12	-134.62	-560.52	1.249e+04	-9920.12
		-9920.12	7100.69	-6.40e-05	0.0	20.0	-5301.41	160.12	-134.62	-560.52	9793.11	-6928.22
						40.0	-5187.66	160.12	-134.62	-560.52	7100.69	-3936.32
17	3	-221.70	8281.23	-5.43e-04	0.0	0.0	-3557.52	53.07	-89.52	-547.71	8281.23	-2253.25
		-2253.25	4700.25	-3.98e-05	0.0	20.0	-3470.02	53.07	-89.52	-547.71	6490.74	-1237.48
						40.0	-3382.52	53.07	-89.52	-547.71	4700.25	-221.70
17	9	-1.789e+05	3.415e+04	-0.07	0.0	0.0	-3436.11	-385.13	-635.62	-6401.32	3.415e+04	-1.789e+05
		-1.945e+05	8769.74	4.91e-03	0.0	20.0	-3348.61	-385.13	-635.62	-6401.32	2.146e+04	-1.867e+05
						40.0	-3261.11	-385.13	-635.62	-6401.32	8769.74	-1.945e+05
17	12	1.926e+05	1026.91	0.07	0.0	0.0	-3995.09	527.73	449.27	5366.50	-1.690e+04	1.716e+05
		1.716e+05	-1.690e+04	-5.00e-03	0.0	20.0	-3907.59	527.73	449.27	5366.50	-7937.29	1.821e+05
						40.0	-3820.09	527.73	449.27	5366.50	1026.91	1.926e+05
17	29	-4.757e+05	1.976e+04	-0.21	0.0	0.0	-3294.41	-1184.52	-296.18	5.467e+04	1.976e+04	-4.757e+05
		-5.232e+05	8018.84	9.82e-03	0.0	20.0	-3206.91	-1184.52	-296.18	5.467e+04	1.389e+04	-4.995e+05
						40.0	-3119.41	-1184.52	-296.18	5.467e+04	8018.84	-5.232e+05
17	32	5.213e+05	1777.81	0.21	0.0	0.0	-4136.79	1327.11	109.84	-5.571e+04	-2511.04	4.684e+05
		4.684e+05	-2511.04	-9.91e-03	0.0	20.0	-4049.29	1327.11	109.84	-5.571e+04	-366.61	4.949e+05
						40.0	-3961.79	1327.11	109.84	-5.571e+04	1777.81	5.213e+05
17	41	-9.715e+04	2.325e+04	-0.04	0.0	0.0	-3560.94	-171.43	-404.60	-4229.02	2.325e+04	-9.715e+04
		-1.041e+05	7089.49	2.80e-03	0.0	20.0	-3473.44	-171.43	-404.60	-4229.02	1.517e+04	-1.006e+05
						40.0	-3385.94	-171.43	-404.60	-4229.02	7089.49	-1.041e+05
17	44	1.022e+05	2707.15	0.04	0.0	0.0	-3870.26	314.03	218.26	3194.20	-5997.67	8.985e+04
		8.985e+04	-5997.67	-2.88e-03	0.0	20.0	-3782.76	314.03	218.26	3194.20	-1645.26	9.604e+04
						40.0	-3695.26	314.03	218.26	3194.20	2707.15	1.022e+05
17	61	-2.536e+05	1.485e+04	-0.11	0.0	0.0	-3489.71	-592.47	-208.00	2.853e+04	1.485e+04	-2.536e+05
		-2.774e+05	6595.64	5.60e-03	0.0	20.0	-3402.21	-592.47	-208.00	2.853e+04	1.072e+04	-2.655e+05
						40.0	-3314.71	-592.47	-208.00	2.853e+04	6595.64	-2.774e+05
17	64	2.755e+05	3201.01	0.11	0.0	0.0	-3941.49	735.06	21.66	-2.956e+04	2399.59	2.463e+05
		2.463e+05	2399.59	-5.68e-03	0.0	20.0	-3853.99	735.06	21.66	-2.956e+04	2800.30	2.609e+05
						40.0	-3766.49	735.06	21.66	-2.956e+04	3201.01	2.755e+05
17	69	-221.70	8281.23	-5.43e-04	0.0	0.0	-3557.52	53.07	-89.52	-547.71	8281.23	-2253.25
		-2253.25	4700.25	-3.98e-05	0.0	20.0	-3470.02	53.07	-89.52	-547.71	6490.74	-1237.48
						40.0	-3382.52	53.07	-89.52	-547.71	4700.25	-221.70
17	70	-2653.77	9427.85	-1.86e-03	0.0	0.0	-4084.44	113.82	-101.68	-446.71	9427.85	-6913.85
		-6913.85	5360.50	-4.80e-05	0.0	20.0	-3996.94	113.82	-101.68	-446.71	7394.17	-4783.81
						40.0	-3909.44	113.82	-101.68	-446.71	5360.50	-2653.77
17	71	-221.70	8281.23	-5.43e-04	0.0	0.0	-3557.52	53.07	-89.52	-547.71	8281.23	-2253.25
		-2253.25	4700.25	-3.98e-05	0.0	20.0	-3470.02	53.07	-89.52	-547.71	6490.74	-1237.48
						40.0	-3382.52	53.07	-89.52	-547.71	4700.25	-221.70
17	72	-1437.74	8854.54	-1.20e-03	0.0	0.0	-3820.98	83.45	-95.60	-497.21	8854.54	-4583.55
		-4583.55	5030.37	-4.39e-05	0.0	20.0	-3733.48	83.45	-95.60	-497.21	6942.46	-3010.64
						40.0	-3645.98	83.45	-95.60	-497.21	5030.37	-1437.74
17	73	-221.70	8281.23	-5.43e-04	0.0	0.0	-3557.52	53.07	-89.52	-547.71	8281.23	-2253.25
		-2253.25	4700.25	-3.98e-05	0.0	20.0	-3470.02	53.07	-89.52	-547.71	6490.74	-1237.48
						40.0	-3382.52	53.07	-89.52	-547.71	4700.25	-221.70
17	74	-951.32	8625.22	-9.37e-04	0.0	0.0	-3715.60	71.30	-93.17	-517.41	8625.22	-3651.43
		-3651.43	4898.32	-4.22e-05	0.0	20.0	-3628.10	71.30	-93.17	-517.41	6761.77	-2301.38
						40.0	-3540.60	71.30	-93.17	-517.41	4898.32	-951.32
18	1	1.376e+05	2.903e+04	2.95e-03	0.0	0.0	-7842.93	1931.04	467.46	3879.16	8903.34	5.859e+04
		5.859e+04	8903.34	8.96e-04	0.0	20.0	-7744.09	1931.04	467.46	3879.16	1.897e+04	9.808e+04
						40.0	-7645.26	1931.04	467.46	3879.16	2.903e+04	1.376e+05
18	2	1.559e+05	2.608e+04	3.80e-03	0.0	0.0	-9389.19	2201.98	399.59	4847.46	8184.91	6.583e+04
		6.583e+04	8184.91	1.31e-03	0.0	20.0	-9290.36	2201.98	399.59	4847.46	1.713e+04	1.109e+05
						40.0	-9191.52	2201.98	399.59	4847.46	2.608e+04	1.559e+05
18	3	1.058e+05	2.233e+04	2.27e-03	0.0	0.0	-6033.02	1485.41	359.59	2983.97	6848.73	4.507e+04
		4.507e+04	6848.73	6.90e-04	0.0	20.0	-5956.99	1485.41	359.59	2983.97	1.459e+04	7.544e+04
						40.0	-5880.97	1485.41	359.59	2983.97	2.233e+04	1.058e+05
18	4	1.242e+05	1.938e+04	3.12e-03	0.0	0.0	-7579.29	1756.35	291.72	3952.27	6130.29	5.231e+04
		5.231e+04	6130.29	1.10e-03	0.0	20.0	-7503.26	1756.35	291.72	3952.27	1.276e+04	8.824e+04
						40.0	-7427.23	1756.35	291.72	3952.27	1.938e+04	1.242e+05
18	10	-8.237e+04	2.231e+05	-5.07e-03	0.0	0.0	-5507.93	-6259.11	5320.31	-1.202e+05	-2.649e+04	-8.237e+04
		-2.856e+05	-2.649e+04	0.01	0.0	20.0	-5431.90	-6259.11	5320.31	-1.202e+05	9.833e+04	-1.840e+05
						40.0	-5355.87	-6259.11	5320.31	-1.202e+05	2.231e+05	-2.856e+05
18	11	5.046e+05	3.990e+04	9.95e-03	0.0	0.0	-7176.62	9338.31	-4628.29	1.266e+05	3.990e+04	1.754e+05
		1.754e+05	-1.797e+05	-0.01	0.0	20.0	-7100.59	9338.31	-4628.29	1.266e+05	-6.988e+04	3.400e+05
						40.0	-7024.57	9338.31	-4628.29	1.266e+05	-1.797e+05	5.046e+05
18	29	8.733e+04	1.751e+05	-0.02	0.0	0.0	-3635.24	1770.97	-1.023e+04	7.122e+04	1.751e+05	-4214.62
		-4214.62	-3.556e+05	-0.02	0.0	20.0	-3559.22	1770.97	-1.023e+04	7.122e+04	-9.023e+04	4.156e+04
						40.0	-3483.19	1770.97	-1.023e+04	7.122e+04	-3.556e+05	8.733e+04
18	30	1.792e+04	4.476e+05	0.01	0.0	0.0	-8143.00	-2946.43	1.191e+04	-1.215e+05	-1.521e+05	1.792e+04
		-8.949e+04	-1.521e+05	0.03	0.0	20.0	-8066.97	-2946.43	1.191e+04	-1.215e+05	1.477e+05	-3.578e+04
						40.0	-7990.94	-2946.43	1.191e+04	-1.215e+05	4.476e+05	-8.949e+04

18	31	3.085e+05	1.656e+05	-0.01	0.0	0.0	-4541.55	6025.63	-1.122e+04	1.279e+05	1.656e+05	7.511e+04
		7.511e+04	-4.041e+05	-0.03	0.0	20.0	-4465.52	6025.63	-1.122e+04	1.279e+05	-1.193e+05	1.918e+05
						40.0	-4389.50	6025.63	-1.122e+04	1.279e+05	-4.041e+05	3.085e+05
18	32	1.316e+05	3.990e+05	0.02	0.0	0.0	-9049.30	1308.23	1.092e+04	-6.486e+04	-1.617e+05	9.725e+04
		9.725e+04	-1.617e+05	0.03	0.0	20.0	-8973.28	1308.23	1.092e+04	-6.486e+04	1.187e+05	1.144e+05
						40.0	-8897.25	1308.23	1.092e+04	-6.486e+04	3.990e+05	1.316e+05
18	42	-2.796e+04	1.340e+05	-1.99e-03	0.0	0.0	-5850.19	-2924.50	3057.55	-6.671e+04	-1.133e+04	-2.796e+04
		-1.172e+05	-1.133e+04	7.69e-03	0.0	20.0	-5774.16	-2924.50	3057.55	-6.671e+04	6.132e+04	-7.256e+04
						40.0	-5698.14	-2924.50	3057.55	-6.671e+04	1.340e+05	-1.172e+05
18	43	3.361e+05	2.474e+04	6.87e-03	0.0	0.0	-6834.36	6003.70	-2365.52	7.306e+04	2.474e+04	1.210e+05
		1.210e+05	-9.049e+04	-6.15e-03	0.0	20.0	-6758.33	6003.70	-2365.52	7.306e+04	-3.287e+04	2.286e+05
						40.0	-6682.31	6003.70	-2365.52	7.306e+04	-9.049e+04	3.361e+05
18	61	9.340e+04	9.926e+04	-8.55e-03	0.0	0.0	-4862.71	1575.88	-5298.47	3.762e+04	9.926e+04	1.761e+04
		1.761e+04	-1.863e+05	-0.01	0.0	20.0	-4786.69	1575.88	-5298.47	3.762e+04	-4.351e+04	5.551e+04
						40.0	-4710.66	1575.88	-5298.47	3.762e+04	-1.863e+05	9.340e+04
18	62	2.965e+04	2.572e+05	9.18e-03	0.0	0.0	-7306.63	-947.99	6550.97	-6.405e+04	-8.049e+04	2.965e+04
		-1841.57	-8.049e+04	0.02	0.0	20.0	-7230.60	-947.99	6550.97	-6.405e+04	8.835e+04	1.391e+04
						40.0	-7154.58	-947.99	6550.97	-6.405e+04	2.572e+05	-1841.57
18	63	2.208e+05	9.390e+04	-4.30e-03	0.0	0.0	-5377.92	4027.19	-5858.94	7.040e+04	9.390e+04	6.338e+04
		6.338e+04	-2.137e+05	-0.01	0.0	20.0	-5301.89	4027.19	-5858.94	7.040e+04	-5.990e+04	1.421e+05
						40.0	-5225.86	4027.19	-5858.94	7.040e+04	-2.137e+05	2.208e+05
18	64	1.256e+05	2.298e+05	0.01	0.0	0.0	-7821.83	1503.32	5990.50	-3.127e+04	-8.585e+04	7.542e+04
		7.542e+04	-8.585e+04	0.01	0.0	20.0	-7745.81	1503.32	5990.50	-3.127e+04	7.196e+04	1.005e+05
						40.0	-7669.78	1503.32	5990.50	-3.127e+04	2.298e+05	1.256e+05
18	69	1.058e+05	2.233e+04	2.27e-03	0.0	0.0	-6033.02	1485.41	359.59	2983.97	6848.73	4.507e+04
		4.507e+04	6848.73	6.90e-04	0.0	20.0	-5956.99	1485.41	359.59	2983.97	1.459e+04	7.544e+04
						40.0	-5880.97	1485.41	359.59	2983.97	2.233e+04	1.058e+05
18	70	1.181e+05	2.036e+04	2.84e-03	0.0	0.0	-7063.86	1666.04	314.34	3629.50	6369.77	4.989e+04
		4.989e+04	6369.77	9.65e-04	0.0	20.0	-6987.84	1666.04	314.34	3629.50	1.337e+04	8.398e+04
						40.0	-6911.81	1666.04	314.34	3629.50	2.036e+04	1.181e+05
18	71	1.058e+05	2.233e+04	2.27e-03	0.0	0.0	-6033.02	1485.41	359.59	2983.97	6848.73	4.507e+04
		4.507e+04	6848.73	6.90e-04	0.0	20.0	-5956.99	1485.41	359.59	2983.97	1.459e+04	7.544e+04
						40.0	-5880.97	1485.41	359.59	2983.97	2.233e+04	1.058e+05
18	72	1.119e+05	2.135e+04	2.55e-03	0.0	0.0	-6548.44	1575.73	336.96	3306.74	6609.25	4.748e+04
		4.748e+04	6609.25	8.27e-04	0.0	20.0	-6472.42	1575.73	336.96	3306.74	1.398e+04	7.971e+04
						40.0	-6396.39	1575.73	336.96	3306.74	2.135e+04	1.119e+05
18	73	1.058e+05	2.233e+04	2.27e-03	0.0	0.0	-6033.02	1485.41	359.59	2983.97	6848.73	4.507e+04
		4.507e+04	6848.73	6.90e-04	0.0	20.0	-5956.99	1485.41	359.59	2983.97	1.459e+04	7.544e+04
						40.0	-5880.97	1485.41	359.59	2983.97	2.233e+04	1.058e+05
18	74	1.095e+05	2.174e+04	2.44e-03	0.0	0.0	-6342.27	1539.60	346.01	3177.63	6705.04	4.652e+04
		4.652e+04	6705.04	7.72e-04	0.0	20.0	-6266.25	1539.60	346.01	3177.63	1.422e+04	7.800e+04
						40.0	-6190.22	1539.60	346.01	3177.63	2.174e+04	1.095e+05
19	2	-1.296e+04	-7230.45	-1.90e-03	0.0	0.0	-3302.67	135.91	155.96	-140.31	-1.347e+04	-1.759e+04
		-1.759e+04	-1.347e+04	7.76e-03	0.0	20.0	-3188.92	135.91	155.96	-140.31	-1.035e+04	-1.527e+04
						40.0	-3075.17	135.91	155.96	-140.31	-7230.45	-1.296e+04
19	3	-4833.12	-4517.44	-4.04e-04	0.0	0.0	-2131.46	41.22	98.40	-430.28	-8453.93	-6195.43
		-6195.43	-8453.93	5.15e-03	0.0	20.0	-2043.96	41.22	98.40	-430.28	-6485.69	-5514.28
						40.0	-1956.46	41.22	98.40	-430.28	-4517.44	-4833.12
19	9	-1.526e+05	1.868e+04	-0.05	0.0	0.0	-796.31	-291.81	-434.00	8.505e+04	1.868e+04	-1.526e+05
		-1.643e+05	1710.68	0.01	0.0	20.0	-708.81	-291.81	-434.00	8.505e+04	1.019e+04	-1.584e+05
						40.0	-621.31	-291.81	-434.00	8.505e+04	1710.68	-1.643e+05
19	12	1.520e+05	-1.129e+04	0.05	0.0	0.0	-3679.32	407.19	642.01	-8.574e+04	-3.658e+04	1.364e+05
		1.364e+05	-3.658e+04	-1.67e-03	0.0	20.0	-3591.82	407.19	642.01	-8.574e+04	-2.393e+04	1.442e+05
						40.0	-3504.32	407.19	642.01	-8.574e+04	-1.129e+04	1.520e+05
19	29	-3.119e+05	4410.77	-0.15	0.0	0.0	-43.35	-677.03	-92.21	2.044e+05	4410.77	-3.119e+05
		-3.393e+05	1024.58	0.02	0.0	20.0	44.15	-677.03	-92.21	2.044e+05	2717.67	-3.256e+05
						40.0	131.65	-677.03	-92.21	2.044e+05	1024.58	-3.393e+05
19	32	3.269e+05	-1.060e+04	0.14	0.0	0.0	-4432.28	792.41	300.22	-2.051e+05	-2.231e+04	2.957e+05
		2.957e+05	-2.231e+04	-6.71e-03	0.0	20.0	-4344.78	792.41	300.22	-2.051e+05	-1.646e+04	3.113e+05
						40.0	-4257.28	792.41	300.22	-2.051e+05	-1.060e+04	3.269e+05
19	41	-8.601e+04	6849.23	-0.03	0.0	0.0	-1443.30	-132.61	-204.97	4.597e+04	6849.23	-8.601e+04
		-9.152e+04	-1123.43	9.35e-03	0.0	20.0	-1355.80	-132.61	-204.97	4.597e+04	2862.90	-8.877e+04
						40.0	-1268.30	-132.61	-204.97	4.597e+04	-1123.43	-9.152e+04
19	44	7.918e+04	-8454.57	0.03	0.0	0.0	-3032.33	247.98	412.98	-4.666e+04	-2.475e+04	6.981e+04
		6.981e+04	-2.475e+04	1.39e-03	0.0	20.0	-2944.83	247.98	412.98	-4.666e+04	-1.660e+04	7.450e+04
						40.0	-2857.33	247.98	412.98	-4.666e+04	-8454.57	7.918e+04
19	61	-1.691e+05	-1523.61	-0.08	0.0	0.0	-1061.73	-331.96	-7.26	1.085e+05	-1523.61	-1.691e+05
		-1.827e+05	-1631.14	0.01	0.0	20.0	-974.23	-331.96	-7.26	1.085e+05	-1577.37	-1.759e+05
						40.0	-886.73	-331.96	-7.26	1.085e+05	-1631.14	-1.827e+05
19	64	1.704e+05	-7946.86	0.08	0.0	0.0	-3413.90	447.34	215.27	-1.092e+05	-1.638e+04	1.529e+05
		1.529e+05	-1.638e+04	-1.39e-03	0.0	20.0	-3326.40	447.34	215.27	-1.092e+05	-1.216e+04	1.617e+05
						40.0	-3238.90	447.34	215.27	-1.092e+05	-7946.86	1.704e+05
19	69	-4833.12	-4517.44	-4.04e-04	0.0	0.0	-2131.46	41.22	98.40	-430.28	-8453.93	-6195.43
		-6195.43	-8453.93	5.15e-03	0.0	20.0	-2043.96	41.22	98.40	-430.28	-6485.69	-5514.28
						40.0	-1956.46	41.22	98.40	-430.28	-4517.44	-4833.12
19	70	-9284.66	-5422.63	-1.32e-03	0.0	0.0	-2485.97	96.10	117.09	-150.91	-1.011e+04	-1.255e+04
		-1.255e+04	-1.011e+04	5.86e-03	0.0	20.0	-2398.47	96.10	117.09	-150.91	-7764.79	-1.092e+04

						40.0	-2310.97	96.10	117.09	-150.91	-5422.63	-9284.66
19	71	-4833.12	-4517.44	-4.04e-04	0.0	0.0	-2131.46	41.22	98.40	-430.28	-8453.93	-6195.43
		-6195.43	-8453.93	5.15e-03	0.0	20.0	-2043.96	41.22	98.40	-430.28	-6485.69	-5514.28
						40.0	-1956.46	41.22	98.40	-430.28	-4517.44	-4833.12
19	72	-7058.89	-4970.03	-8.61e-04	0.0	0.0	-2308.72	68.66	107.74	-290.60	-9280.44	-9373.11
		-9373.11	-9280.44	5.51e-03	0.0	20.0	-2221.22	68.66	107.74	-290.60	-7125.24	-8216.00
						40.0	-2133.72	68.66	107.74	-290.60	-4970.03	-7058.89
19	73	-4833.12	-4517.44	-4.04e-04	0.0	0.0	-2131.46	41.22	98.40	-430.28	-8453.93	-6195.43
		-6195.43	-8453.93	5.15e-03	0.0	20.0	-2043.96	41.22	98.40	-430.28	-6485.69	-5514.28
						40.0	-1956.46	41.22	98.40	-430.28	-4517.44	-4833.12
19	74	-6168.58	-4789.00	-6.78e-04	0.0	0.0	-2237.81	57.69	104.01	-346.47	-8949.84	-8102.04
		-8102.04	-8949.84	5.37e-03	0.0	20.0	-2150.31	57.69	104.01	-346.47	-6869.42	-7135.31
						40.0	-2062.81	57.69	104.01	-346.47	-4789.00	-6168.58
20	2	2.767e+05	-1.684e+05	-0.07	0.0	0.0	-4.205e+04	513.30	-238.77	-2864.90	-1.684e+05	4.568e+04
		4.568e+04	-2.759e+05	0.05	0.0	225.0	-4.077e+04	513.30	-238.77	-2864.90	-2.221e+05	1.612e+05
						450.0	-3.949e+04	513.30	-238.77	-2864.90	-2.759e+05	2.767e+05
20	3	1.839e+05	-1.151e+05	-0.05	0.0	0.0	-2.840e+04	339.64	-149.89	-2114.97	-1.151e+05	3.109e+04
		3.109e+04	-1.825e+05	0.04	0.0	225.0	-2.742e+04	339.64	-149.89	-2114.97	-1.488e+05	1.075e+05
						450.0	-2.643e+04	339.64	-149.89	-2114.97	-1.825e+05	1.839e+05
20	14	5.828e+05	2.504e+06	0.51	0.0	0.0	-2.777e+04	-1880.87	-1.099e+04	-8.420e+04	2.504e+06	5.828e+05
		-2.655e+05	-2.443e+06	1.03	0.0	225.0	-2.679e+04	-1880.87	-1.099e+04	-8.420e+04	3.045e+04	1.586e+05
						450.0	-2.580e+04	-1880.87	-1.099e+04	-8.420e+04	-2.443e+06	-2.655e+05
20	15	6.484e+05	2.063e+06	-0.51	0.0	0.0	-3.108e+04	2588.86	1.068e+04	7.992e+04	-2.742e+06	-5.185e+05
		-5.185e+05	-2.742e+06	-1.02	0.0	225.0	-3.010e+04	2588.86	1.068e+04	7.992e+04	-3.396e+05	6.493e+04
						450.0	-2.912e+04	2588.86	1.068e+04	7.992e+04	2.063e+06	6.484e+05
20	34	1.235e+06	1.608e+06	2.44	0.0	0.0	-2.522e+04	-3833.37	-7652.72	-3.662e+05	1.608e+06	1.235e+06
		-4.912e+05	-1.836e+06	0.41	0.0	225.0	-2.423e+04	-3833.37	-7652.72	-3.662e+05	-1.139e+05	3.717e+05
						450.0	-2.325e+04	-3833.37	-7652.72	-3.662e+05	-1.836e+06	-4.912e+05
20	35	8.741e+05	1.455e+06	-2.44	0.0	0.0	-3.364e+04	4541.36	7335.38	3.620e+05	-1.846e+06	-1.170e+06
		-1.170e+06	-1.846e+06	-0.39	0.0	225.0	-3.266e+04	4541.36	7335.38	3.620e+05	-1.952e+05	-1.481e+05
						450.0	-3.167e+04	4541.36	7335.38	3.620e+05	1.455e+06	8.741e+05
20	46	3.385e+05	1.378e+06	0.26	0.0	0.0	-2.852e+04	-899.24	-6338.99	-4.444e+04	1.378e+06	3.385e+05
		-6.725e+04	-1.474e+06	0.60	0.0	225.0	-2.754e+04	-899.24	-6338.99	-4.444e+04	-4.784e+04	1.356e+05
						450.0	-2.655e+04	-899.24	-6338.99	-4.444e+04	-1.474e+06	-6.725e+04
20	47	4.501e+05	1.094e+06	-0.27	0.0	0.0	-3.033e+04	1607.23	6021.65	4.016e+04	-1.616e+06	-2.742e+05
		-2.742e+05	-1.616e+06	-0.58	0.0	225.0	-2.935e+04	1607.23	6021.65	4.016e+04	-2.613e+05	8.797e+04
						450.0	-2.836e+04	1607.23	6021.65	4.016e+04	1.094e+06	4.501e+05
20	66	6.715e+05	8.271e+05	1.28	0.0	0.0	-2.720e+04	-1878.74	-4254.36	-1.952e+05	8.271e+05	6.715e+05
		-1.744e+05	-1.088e+06	0.24	0.0	225.0	-2.621e+04	-1878.74	-4254.36	-1.952e+05	-1.302e+05	2.486e+05
						450.0	-2.523e+04	-1878.74	-4254.36	-1.952e+05	-1.088e+06	-1.744e+05
20	67	5.572e+05	7.070e+05	-1.28	0.0	0.0	-3.166e+04	2586.73	3937.02	1.909e+05	-1.065e+06	-6.072e+05
		-6.072e+05	-1.065e+06	-0.22	0.0	225.0	-3.067e+04	2586.73	3937.02	1.909e+05	-1.789e+05	-2.500e+04
						450.0	-2.969e+04	2586.73	3937.02	1.909e+05	7.070e+05	5.572e+05
20	69	1.839e+05	-1.151e+05	-0.05	0.0	0.0	-2.840e+04	339.64	-149.89	-2114.97	-1.151e+05	3.109e+04
		3.109e+04	-1.825e+05	0.04	0.0	225.0	-2.742e+04	339.64	-149.89	-2114.97	-1.488e+05	1.075e+05
						450.0	-2.643e+04	339.64	-149.89	-2114.97	-1.825e+05	1.839e+05
20	70	2.090e+05	-1.276e+05	-0.05	0.0	0.0	-3.182e+04	387.49	-179.16	-2191.93	-1.276e+05	3.460e+04
		3.460e+04	-2.083e+05	0.04	0.0	225.0	-3.084e+04	387.49	-179.16	-2191.93	-1.679e+05	2.118e+05
						450.0	-2.985e+04	387.49	-179.16	-2191.93	-2.083e+05	2.090e+05
20	71	1.839e+05	-1.151e+05	-0.05	0.0	0.0	-2.840e+04	339.64	-149.89	-2114.97	-1.151e+05	3.109e+04
		3.109e+04	-1.825e+05	0.04	0.0	225.0	-2.742e+04	339.64	-149.89	-2114.97	-1.488e+05	1.075e+05
						450.0	-2.643e+04	339.64	-149.89	-2114.97	-1.825e+05	1.839e+05
20	72	1.964e+05	-1.214e+05	-0.05	0.0	0.0	-3.011e+04	363.56	-164.52	-2153.45	-1.214e+05	3.284e+04
		3.284e+04	-1.954e+05	0.04	0.0	225.0	-2.913e+04	363.56	-164.52	-2153.45	-1.584e+05	1.146e+05
						450.0	-2.814e+04	363.56	-164.52	-2153.45	-1.954e+05	1.964e+05
20	73	1.839e+05	-1.151e+05	-0.05	0.0	0.0	-2.840e+04	339.64	-149.89	-2114.97	-1.151e+05	3.109e+04
		3.109e+04	-1.825e+05	0.04	0.0	225.0	-2.742e+04	339.64	-149.89	-2114.97	-1.488e+05	1.075e+05
						450.0	-2.643e+04	339.64	-149.89	-2114.97	-1.825e+05	1.839e+05
20	74	1.914e+05	-1.189e+05	-0.05	0.0	0.0	-2.943e+04	353.99	-158.67	-2138.06	-1.189e+05	3.214e+04
		3.214e+04	-1.903e+05	0.04	0.0	225.0	-2.844e+04	353.99	-158.67	-2138.06	-1.546e+05	1.118e+05
						450.0	-2.746e+04	353.99	-158.67	-2138.06	-1.903e+05	1.914e+05
22	2	-4.061e+04	-2.531e+04	5.07e-03	0.0	0.0	-8554.10	-241.41	-1376.40	-2861.27	-2.531e+04	-4.061e+04
		-5.085e+04	-8.175e+04	-7.13e-03	0.0	20.0	-8440.35	-241.41	-1376.40	-2861.27	-5.353e+04	-4.573e+04
						40.0	-8326.60	-241.41	-1376.40	-2861.27	-8.175e+04	-5.085e+04
22	3	-2.826e+04	-1.916e+04	3.38e-03	0.0	0.0	-5538.95	-266.22	-936.76	-1459.44	-1.916e+04	-2.826e+04
		-3.903e+04	-5.763e+04	-4.60e-03	0.0	20.0	-5451.45	-266.22	-936.76	-1459.44	-3.839e+04	-3.365e+04
						40.0	-5363.95	-266.22	-936.76	-1459.44	-5.763e+04	-3.903e+04
22	17	3.149e+04	4.906e+05	-7.82e-03	0.0	0.0	-4962.21	-3749.72	8331.09	1.092e+05	1.789e+05	3.149e+04
		-1.992e+05	1.789e+05	6.36e-03	0.0	20.0	-4874.71	-3749.72	8331.09	1.092e+05	3.347e+05	-8.385e+04
						40.0	-4787.21	-3749.72	8331.09	1.092e+05	4.906e+05	-1.992e+05
22	20	1.211e+05	-2.173e+05	0.01	0.0	0.0	-6657.08	3259.14	-1.027e+04	-1.125e+05	-2.173e+05	-8.955e+04
		-8.955e+04	-6.086e+05	-0.02	0.0	20.0	-6569.58	3259.14	-1.027e+04	-1.125e+05	-4.130e+05	1.576e+04
						40.0	-6482.08	3259.14	-1.027e+04	-1.125e+05	-6.086e+05	1.211e+05
22	30	3.355e+05	3.077e+04	0.04	0.0	0.0	-2471.77	7930.02	-4091.22	-8.162e+04	-6.900e+04	8.999e+04
		-1.555e+05	-1.688e+05	4.04e-03	0.0	20.0	-2384.27	7930.02	-4091.22	-8.162e+04	-1.688e+05	3.355e+05
						40.0	-2296.77	7930.02	-4091.22	-8.162e+04	-1.688e+05	3.355e+05
22	31	9.743e+04	5.077e+04	-0.03	0.0	0.0	-9147.51	-8420.60	2154.25	7.831e+04	-6.924e+04	9.743e+04

		-4.136e+05	-6.924e+04	-0.01	0.0	20.0	-9060.01	-8420.60	2154.25	7.831e+04	-9237.10	-1.581e+05
						40.0	-8972.51	-8420.60	2154.25	7.831e+04	5.077e+04	-4.136e+05
22	34	2.937e+05	7.269e+04	0.04	0.0	0.0	-2271.13	8088.58	-2670.83	-7.316e+04	7.269e+04	-1.576e+05
		-1.576e+05	-6.747e+04	5.99e-03	0.0	20.0	-2183.63	8088.58	-2670.83	-7.316e+04	2609.94	6.802e+04
						40.0	-2096.13	8088.58	-2670.83	-7.316e+04	-6.747e+04	2.937e+05
22	35	9.957e+04	-5.052e+04	-0.03	0.0	0.0	-9348.15	-8579.15	733.87	6.986e+04	-1.112e+05	9.957e+04
		-3.718e+05	-1.112e+05	-0.02	0.0	20.0	-9260.65	-8579.15	733.87	6.986e+04	-8.084e+04	-1.361e+05
						40.0	-9173.15	-8579.15	733.87	6.986e+04	-5.052e+04	-3.718e+05
22	49	5223.17	2.567e+05	-2.46e-03	0.0	0.0	-5291.19	-2160.83	4348.91	6.081e+04	9.524e+04	5223.17
		-1.291e+05	9.524e+04	1.81e-03	0.0	20.0	-5203.69	-2160.83	4348.91	6.081e+04	1.759e+05	-6.195e+04
						40.0	-5116.19	-2160.83	4348.91	6.081e+04	2.567e+05	-1.291e+05
22	52	5.101e+04	-1.337e+05	9.49e-03	0.0	0.0	-6328.10	1670.26	-6285.87	-6.411e+04	-1.337e+05	-6.329e+04
		-6.329e+04	-3.746e+05	-0.01	0.0	20.0	-6240.60	1670.26	-6285.87	-6.411e+04	-2.542e+05	-6141.86
						40.0	-6153.10	1670.26	-6285.87	-6.411e+04	-3.746e+05	5.101e+04
22	62	1.694e+05	8750.29	0.02	0.0	0.0	-3976.93	4127.54	-2621.87	-4.319e+04	8750.29	-9.974e+04
		-9.974e+04	-1.178e+05	-3.13e-04	0.0	20.0	-3889.43	4127.54	-2621.87	-4.319e+04	-5.453e+04	3.483e+04
						40.0	-3801.93	4127.54	-2621.87	-4.319e+04	-1.178e+05	1.694e+05
22	63	4.167e+04	-169.21	-0.02	0.0	0.0	-7642.36	-4618.11	684.90	3.988e+04	-4.723e+04	4.167e+04
		-2.475e+05	-4.723e+04	-9.34e-03	0.0	20.0	-7554.86	-4618.11	684.90	3.988e+04	-5.370e+04	-1.029e+05
						40.0	-7467.36	-4618.11	684.90	3.988e+04	-169.21	-2.475e+05
22	66	1.453e+05	3.306e+04	0.02	0.0	0.0	-3862.07	4218.86	-1801.03	-3.821e+04	3.306e+04	-1.010e+05
		-1.010e+05	-5.940e+04	8.07e-04	0.0	20.0	-3774.57	4218.86	-1801.03	-3.821e+04	-1.317e+04	2.212e+04
						40.0	-3687.07	4218.86	-1801.03	-3.821e+04	-5.940e+04	1.453e+05
22	67	4.295e+04	-5.859e+04	-0.02	0.0	0.0	-7757.21	-4709.43	-135.93	3.490e+04	-7.153e+04	4.295e+04
		-2.234e+05	-7.153e+04	-0.01	0.0	20.0	-7669.71	-4709.43	-135.93	3.490e+04	-6.506e+04	-9.021e+04
						40.0	-7582.21	-4709.43	-135.93	3.490e+04	-5.859e+04	-2.234e+05
22	69	-2.826e+04	-1.916e+04	3.38e-03	0.0	0.0	-5538.95	-266.22	-936.76	-1459.44	-1.916e+04	-2.826e+04
		-3.903e+04	-5.763e+04	-4.60e-03	0.0	20.0	-5451.45	-266.22	-936.76	-1459.44	-3.839e+04	-3.365e+04
						40.0	-5363.95	-266.22	-936.76	-1459.44	-5.763e+04	-3.903e+04
22	70	-3.084e+04	-1.943e+04	3.83e-03	0.0	0.0	-6441.26	-196.44	-1042.50	-2102.11	-1.943e+04	-3.084e+04
		-3.911e+04	-6.218e+04	-5.36e-03	0.0	20.0	-6353.76	-196.44	-1042.50	-2102.11	-4.080e+04	-3.498e+04
						40.0	-6266.26	-196.44	-1042.50	-2102.11	-6.218e+04	-3.911e+04
22	71	-2.826e+04	-1.916e+04	3.38e-03	0.0	0.0	-5538.95	-266.22	-936.76	-1459.44	-1.916e+04	-2.826e+04
		-3.903e+04	-5.763e+04	-4.60e-03	0.0	20.0	-5451.45	-266.22	-936.76	-1459.44	-3.839e+04	-3.365e+04
						40.0	-5363.95	-266.22	-936.76	-1459.44	-5.763e+04	-3.903e+04
22	72	-2.955e+04	-1.929e+04	3.61e-03	0.0	0.0	-5990.11	-231.33	-989.63	-1780.77	-1.929e+04	-2.955e+04
		-3.907e+04	-5.991e+04	-4.98e-03	0.0	20.0	-5902.61	-231.33	-989.63	-1780.77	-3.960e+04	-3.431e+04
						40.0	-5815.11	-231.33	-989.63	-1780.77	-5.991e+04	-3.907e+04
22	73	-2.826e+04	-1.916e+04	3.38e-03	0.0	0.0	-5538.95	-266.22	-936.76	-1459.44	-1.916e+04	-2.826e+04
		-3.903e+04	-5.763e+04	-4.60e-03	0.0	20.0	-5451.45	-266.22	-936.76	-1459.44	-3.839e+04	-3.365e+04
						40.0	-5363.95	-266.22	-936.76	-1459.44	-5.763e+04	-3.903e+04
22	74	-2.903e+04	-1.924e+04	3.52e-03	0.0	0.0	-5809.64	-245.29	-968.48	-1652.24	-1.924e+04	-2.903e+04
		-3.906e+04	-5.899e+04	-4.83e-03	0.0	20.0	-5722.14	-245.29	-968.48	-1652.24	-3.912e+04	-3.404e+04
						40.0	-5634.64	-245.29	-968.48	-1652.24	-5.899e+04	-3.906e+04
23	1	-6280.70	-5667.85	3.30e-03	0.0	0.0	-3864.67	-59.34	173.42	-73.72	-1.261e+04	-6280.70
		-9007.68	-1.261e+04	6.55e-03	0.0	20.0	-3750.92	-59.34	173.42	-73.72	-9136.72	-7644.19
						40.0	-3637.17	-59.34	173.42	-73.72	-5667.85	-9007.68
23	2	1295.19	-6838.00	5.23e-03	0.0	0.0	-4545.29	-143.85	205.46	-275.93	-1.506e+04	1295.19
		-4475.76	-1.506e+04	7.65e-03	0.0	20.0	-4431.54	-143.85	205.46	-275.93	-1.095e+04	-1590.28
						40.0	-4317.79	-143.85	205.46	-275.93	-6838.00	-4475.76
23	3	-4831.31	-4359.88	2.54e-03	0.0	0.0	-2972.82	-45.65	133.40	-56.71	-9696.61	-4831.31
		-6928.98	-9696.61	5.04e-03	0.0	20.0	-2885.32	-45.65	133.40	-56.71	-7028.25	-5880.15
						40.0	-2797.82	-45.65	133.40	-56.71	-4359.88	-6928.98
23	4	2744.58	-5530.03	4.47e-03	0.0	0.0	-3653.45	-130.15	165.44	-258.92	-1.215e+04	2744.58
		-2397.06	-1.215e+04	6.14e-03	0.0	20.0	-3565.95	-130.15	165.44	-258.92	-8839.25	173.76
						40.0	-3478.45	-130.15	165.44	-258.92	-5530.03	-2397.06
23	18	4.200e+04	1.272e+04	0.05	0.0	0.0	-1383.97	84.28	-275.52	-7.750e+04	1.272e+04	3.859e+04
		3.859e+04	1975.44	8.98e-03	0.0	20.0	-1296.47	84.28	-275.52	-7.750e+04	7346.81	4.029e+04
						40.0	-1208.97	84.28	-275.52	-7.750e+04	1975.44	4.200e+04
23	19	-4.522e+04	-1.116e+04	-0.04	0.0	0.0	-4833.92	-209.38	555.15	7.730e+04	-3.309e+04	-4.522e+04
		-5.404e+04	-3.309e+04	1.54e-03	0.0	20.0	-4746.42	-209.38	555.15	7.730e+04	-2.213e+04	-4.963e+04
						40.0	-4658.92	-209.38	555.15	7.730e+04	-1.116e+04	-5.404e+04
23	29	-2.980e+05	-7844.42	-0.15	0.0	0.0	-5058.62	-768.60	152.36	1.930e+05	-1.361e+04	-2.980e+05
		-3.289e+05	-1.361e+04	3.13e-03	0.0	20.0	-4971.12	-768.60	152.36	1.930e+05	-1.073e+04	-3.135e+05
						40.0	-4883.62	-768.60	152.36	1.930e+05	-7844.42	-3.289e+05
23	32	3.169e+05	-1343.41	0.15	0.0	0.0	-1159.27	643.50	127.26	-1.932e+05	-6765.25	2.914e+05
		2.914e+05	-6765.25	7.39e-03	0.0	20.0	-1071.77	643.50	127.26	-1.932e+05	-4054.33	3.042e+05
						40.0	-984.27	643.50	127.26	-1.932e+05	-1343.41	3.169e+05
23	34	2.852e+05	2317.23	0.15	0.0	0.0	-629.05	590.64	-40.28	-2.023e+05	2317.23	2.617e+05
		2.617e+05	1119.49	8.70e-03	0.0	20.0	-541.55	590.64	-40.28	-2.023e+05	1718.36	2.734e+05
						40.0	-454.05	590.64	-40.28	-2.023e+05	1119.49	2.852e+05
23	35	-2.683e+05	-1.031e+04	-0.14	0.0	0.0	-5588.84	-715.74	319.90	2.021e+05	-2.269e+04	-2.683e+05
		-2.972e+05	-2.269e+04	1.82e-03	0.0	20.0	-5501.34	-715.74	319.90	2.021e+05	-1.650e+04	-2.828e+05
						40.0	-5413.84	-715.74	319.90	2.021e+05	-1.031e+04	-2.972e+05
23	50	1.729e+04	2937.90	0.03	0.0	0.0	-2142.34	13.00	-99.09	-4.191e+04	2937.90	1.684e+04
		1.684e+04	-859.85	7.32e-03	0.0	20.0	-2054.84	13.00	-99.09	-4.191e+04	1039.03	1.707e+04
						40.0	-1967.34	13.00	-99.09	-4.191e+04	-859.85	1.729e+04

23	51	2.348e+04	-8327.98	-0.02	0.0	0.0	-4075.55	-138.10	378.71	4.172e+04	-2.331e+04	-2.348e+04
		-2.933e+04	-2.331e+04	3.20e-03	0.0	20.0	-3988.05	-138.10	378.71	4.172e+04	-1.582e+04	-2.641e+04
						40.0	-3900.55	-138.10	378.71	4.172e+04	-8327.98	-2.933e+04
23	61	-1.596e+05	-6276.79	-0.08	0.0	0.0	-4135.29	-436.21	144.70	1.020e+05	-1.186e+04	-1.596e+05
		-1.772e+05	-1.186e+04	4.32e-03	0.0	20.0	-4047.79	-436.21	144.70	1.020e+05	-9067.25	-1.684e+05
						40.0	-3960.29	-436.21	144.70	1.020e+05	-6276.79	-1.772e+05
23	64	1.651e+05	-2911.04	0.08	0.0	0.0	-2082.60	311.11	134.92	-1.022e+05	-8516.25	1.529e+05
		1.529e+05	-8516.25	6.20e-03	0.0	20.0	-1995.10	311.11	134.92	-1.022e+05	-5713.64	1.590e+05
						40.0	-1907.60	311.11	134.92	-1.022e+05	-2911.04	1.651e+05
23	66	1.471e+05	-1487.25	0.08	0.0	0.0	-1775.58	281.60	38.22	-1.074e+05	-3272.02	1.360e+05
		1.360e+05	-3272.02	6.96e-03	0.0	20.0	-1688.08	281.60	38.22	-1.074e+05	-2379.63	1.416e+05
						40.0	-1600.58	281.60	38.22	-1.074e+05	-1487.25	1.471e+05
23	67	-1.427e+05	-7700.58	-0.07	0.0	0.0	-4442.31	-406.70	241.40	1.073e+05	-1.710e+04	-1.427e+05
		-1.592e+05	-1.710e+04	3.57e-03	0.0	20.0	-4354.81	-406.70	241.40	1.073e+05	-1.240e+04	-1.509e+05
						40.0	-4267.31	-406.70	241.40	1.073e+05	-7700.58	-1.592e+05
23	69	-4831.31	-4359.88	2.54e-03	0.0	0.0	-2972.82	-45.65	133.40	-56.71	-9696.61	-4831.31
		-6928.98	-9696.61	5.04e-03	0.0	20.0	-2885.32	-45.65	133.40	-56.71	-7028.25	-5880.15
						40.0	-2797.82	-45.65	133.40	-56.71	-4359.88	-6928.98
23	70	219.29	-5139.98	3.83e-03	0.0	0.0	-3426.57	-101.98	154.76	-191.52	-1.133e+04	219.29
		-3907.70	-1.133e+04	5.77e-03	0.0	20.0	-3339.07	-101.98	154.76	-191.52	-8235.58	-1844.21
						40.0	-3251.57	-101.98	154.76	-191.52	-5139.98	-3907.70
23	71	-4831.31	-4359.88	2.54e-03	0.0	0.0	-2972.82	-45.65	133.40	-56.71	-9696.61	-4831.31
		-6928.98	-9696.61	5.04e-03	0.0	20.0	-2885.32	-45.65	133.40	-56.71	-7028.25	-5880.15
						40.0	-2797.82	-45.65	133.40	-56.71	-4359.88	-6928.98
23	72	-2306.01	-4749.93	3.18e-03	0.0	0.0	-3199.70	-73.82	144.08	-124.11	-1.051e+04	-2306.01
		-5418.34	-1.051e+04	5.41e-03	0.0	20.0	-3112.20	-73.82	144.08	-124.11	-7631.91	-3862.18
						40.0	-3024.70	-73.82	144.08	-124.11	-4749.93	-5418.34
23	73	-4831.31	-4359.88	2.54e-03	0.0	0.0	-2972.82	-45.65	133.40	-56.71	-9696.61	-4831.31
		-6928.98	-9696.61	5.04e-03	0.0	20.0	-2885.32	-45.65	133.40	-56.71	-7028.25	-5880.15
						40.0	-2797.82	-45.65	133.40	-56.71	-4359.88	-6928.98
23	74	-3316.13	-4593.91	2.92e-03	0.0	0.0	-3108.95	-62.55	139.81	-97.15	-1.019e+04	-3316.13
		-6022.60	-1.019e+04	5.26e-03	0.0	20.0	-3021.45	-62.55	139.81	-97.15	-7390.45	-4669.36
						40.0	-2933.95	-62.55	139.81	-97.15	-4593.91	-6022.60
24	2	1.356e+04	9302.24	5.34e-03	0.0	0.0	-4775.36	-169.97	-55.53	-355.34	9302.24	1.356e+04
		7334.50	7081.21	3.03e-03	0.0	20.0	-4661.61	-169.97	-55.53	-355.34	8191.72	1.045e+04
						40.0	-4547.86	-169.97	-55.53	-355.34	7081.21	7334.50
24	3	5179.66	6132.81	2.33e-03	0.0	0.0	-3139.85	-59.85	-36.54	-231.82	6132.81	5179.66
		3005.90	4671.45	1.98e-03	0.0	20.0	-3052.35	-59.85	-36.54	-231.82	5402.13	4092.78
						40.0	-2964.85	-59.85	-36.54	-231.82	4671.45	3005.90
24	18	1.358e+05	2.552e+04	0.06	0.0	0.0	-2970.51	236.71	-437.06	-4640.23	2.552e+04	1.259e+05
		1.259e+05	8088.76	3.38e-03	0.0	20.0	-2883.01	236.71	-437.06	-4640.23	1.680e+04	1.308e+05
						40.0	-2795.51	236.71	-437.06	-4640.23	8088.76	1.358e+05
24	19	-1.128e+05	1657.47	-0.06	0.0	0.0	-3586.61	-393.27	360.77	4155.00	-1.272e+04	-1.128e+05
		-1.284e+05	-1.272e+04	7.69e-04	0.0	20.0	-3499.11	-393.27	360.77	4155.00	-5530.86	-1.206e+05
						40.0	-3411.61	-393.27	360.77	4155.00	1657.47	-1.284e+05
24	29	-4.587e+05	3021.69	-0.21	0.0	0.0	-3718.30	-1318.45	-7.68	6.817e+04	3021.69	-4.587e+05
		-5.111e+05	2583.98	1.91e-03	0.0	20.0	-3630.80	-1318.45	-7.68	6.817e+04	2802.83	-4.849e+05
						40.0	-3543.30	-1318.45	-7.68	6.817e+04	2583.98	-5.111e+05
24	32	5.184e+05	9775.76	0.21	0.0	0.0	-2838.82	1161.89	-68.61	-6.865e+04	9775.76	4.718e+05
		4.718e+05	7162.25	2.24e-03	0.0	20.0	-2751.32	1161.89	-68.61	-6.865e+04	8469.01	4.951e+05
						40.0	-2663.82	1161.89	-68.61	-6.865e+04	7162.25	5.184e+05
24	34	5.014e+05	1.713e+04	0.21	0.0	0.0	-2751.78	1122.77	-226.04	-5.701e+04	1.713e+04	4.562e+05
		4.562e+05	8234.30	2.73e-03	0.0	20.0	-2664.28	1122.77	-226.04	-5.701e+04	1.268e+04	4.788e+05
						40.0	-2576.78	1122.77	-226.04	-5.701e+04	8234.30	5.014e+05
24	35	-4.431e+05	1511.93	-0.20	0.0	0.0	-3805.34	-1279.33	149.75	5.653e+04	-4332.16	-4.431e+05
		-4.940e+05	-4332.16	1.42e-03	0.0	20.0	-3717.84	-1279.33	149.75	5.653e+04	-1410.12	-4.685e+05
						40.0	-3630.34	-1279.33	149.75	5.653e+04	1511.93	-4.940e+05
24	50	7.330e+04	1.735e+04	0.03	0.0	0.0	-3107.13	86.84	-267.26	-1968.08	1.735e+04	6.944e+04
		6.944e+04	6692.46	2.82e-03	0.0	20.0	-3019.63	86.84	-267.26	-1968.08	1.202e+04	7.137e+04
						40.0	-2932.13	86.84	-267.26	-1968.08	6692.46	7.330e+04
24	51	-5.635e+04	3053.77	-0.03	0.0	0.0	-3449.99	-243.40	190.97	1482.85	-4551.99	-5.635e+04
		-6.591e+04	-4551.99	1.33e-03	0.0	20.0	-3362.49	-243.40	190.97	1482.85	-749.11	-6.113e+04
						40.0	-3274.99	-243.40	190.97	1482.85	3053.77	-6.591e+04
24	61	-2.398e+05	4718.76	-0.11	0.0	0.0	-3510.62	-733.97	-24.02	3.624e+04	4718.76	-2.398e+05
		-2.689e+05	3675.40	2.01e-03	0.0	20.0	-3423.12	-733.97	-24.02	3.624e+04	4197.08	-2.543e+05
						40.0	-3335.62	-733.97	-24.02	3.624e+04	3675.40	-2.689e+05
24	64	2.762e+05	8078.69	0.11	0.0	0.0	-3046.50	577.41	-52.28	-3.672e+04	8078.69	2.529e+05
		2.529e+05	6070.83	2.14e-03	0.0	20.0	-2959.00	577.41	-52.28	-3.672e+04	7074.76	2.646e+05
						40.0	-2871.50	577.41	-52.28	-3.672e+04	6070.83	2.762e+05
24	66	2.669e+05	1.232e+04	0.11	0.0	0.0	-2996.10	555.76	-143.16	-3.014e+04	1.232e+04	2.444e+05
		2.444e+05	6690.37	2.42e-03	0.0	20.0	-2908.60	555.76	-143.16	-3.014e+04	9507.63	2.556e+05
						40.0	-2821.10	555.76	-143.16	-3.014e+04	6690.37	2.669e+05
24	67	-2.313e+05	3055.86	-0.11	0.0	0.0	-3561.02	-712.33	66.86	2.966e+04	472.56	-2.313e+05
		-2.595e+05	472.56	1.73e-03	0.0	20.0	-3473.52	-712.33	66.86	2.966e+04	1764.21	-2.454e+05
						40.0	-3386.02	-712.33	66.86	2.966e+04	3055.86	-2.595e+05
24	69	5179.66	6132.81	2.33e-03	0.0	0.0	-3139.85	-59.85	-36.54	-231.82	6132.81	5179.66
		3005.90	4671.45	1.98e-03	0.0	20.0	-3052.35	-59.85	-36.54	-231.82	5402.13	4092.78

24	70	9727.99	7019.20	3.87e-03	0.0	40.0	-2964.85	-59.85	-36.54	-231.82	4671.45	3005.90
		5290.46	5343.67	2.28e-03	0.0	0.0	-3602.22	-121.29	-41.90	-267.81	7019.20	9727.99
						20.0	-3514.72	-121.29	-41.90	-267.81	6181.43	7509.22
24	71	5179.66	6132.81	2.33e-03	0.0	40.0	-3427.22	-121.29	-41.90	-267.81	5343.67	5290.46
		3005.90	4671.45	1.98e-03	0.0	0.0	-3139.85	-59.85	-36.54	-231.82	6132.81	5179.66
						20.0	-3052.35	-59.85	-36.54	-231.82	5402.13	4092.78
24	72	7453.82	6576.00	3.10e-03	0.0	40.0	-2964.85	-59.85	-36.54	-231.82	4671.45	3005.90
		4148.18	5007.56	2.13e-03	0.0	0.0	-3371.03	-90.57	-39.22	-249.82	6576.00	7453.82
						20.0	-3283.53	-90.57	-39.22	-249.82	5791.78	5801.00
24	73	5179.66	6132.81	2.33e-03	0.0	40.0	-3196.03	-90.57	-39.22	-249.82	5007.56	4148.18
		3005.90	4671.45	1.98e-03	0.0	0.0	-3139.85	-59.85	-36.54	-231.82	6132.81	5179.66
						20.0	-3052.35	-59.85	-36.54	-231.82	5402.13	4092.78
24	74	6544.16	6398.72	2.79e-03	0.0	40.0	-2964.85	-59.85	-36.54	-231.82	4671.45	3005.90
		3691.27	4873.12	2.07e-03	0.0	0.0	-3278.56	-78.28	-38.15	-242.62	6398.72	6544.16
						20.0	-3191.06	-78.28	-38.15	-242.62	5635.92	5117.71
25	2	1.694e+04	-5203.80	4.26e-03	0.0	40.0	-3103.56	-78.28	-38.15	-242.62	4873.12	3691.27
		1.113e+04	-9207.39	6.14e-04	0.0	0.0	-5094.30	-164.27	100.09	1914.32	-9207.39	1.694e+04
						20.0	-4980.55	-164.27	100.09	1914.32	-7205.59	1.403e+04
25	3	7317.88	-3435.19	1.64e-03	0.0	40.0	-4866.80	-164.27	100.09	1914.32	-5203.80	1.113e+04
		5405.42	-6115.54	3.93e-04	0.0	0.0	-3347.27	-56.10	67.01	1201.10	-6115.54	7317.88
						20.0	-3259.77	-56.10	67.01	1201.10	-4775.36	6361.65
25	13	-1.522e+05	1.155e+04	-0.07	0.0	40.0	-3172.27	-56.10	67.01	1201.10	-3435.19	5405.42
		-1.716e+05	-812.35	1.67e-03	0.0	0.0	-3682.47	-495.06	-311.55	-2.757e+04	1.155e+04	-1.522e+05
						20.0	-3594.97	-495.06	-311.55	-2.757e+04	5366.80	-1.619e+05
25	16	1.840e+05	-6353.24	0.07	0.0	40.0	-3507.47	-495.06	-311.55	-2.757e+04	-812.35	-1.716e+05
		1.698e+05	-2.428e+04	-8.38e-04	0.0	0.0	-3309.21	346.33	450.75	3.011e+04	-2.428e+04	1.698e+05
						20.0	-3221.71	346.33	450.75	3.011e+04	-1.532e+04	1.769e+05
25	21	-4.758e+05	-1603.18	-0.21	0.0	40.0	-3134.21	346.33	450.75	3.011e+04	-6353.24	1.840e+05
		-5.291e+05	-2117.44	6.96e-04	0.0	0.0	-3856.16	-1343.69	4.15	-7.071e+04	-2117.44	-4.758e+05
						20.0	-3768.66	-1343.69	4.15	-7.071e+04	-1860.31	-5.025e+05
25	24	5.416e+05	-5562.42	0.21	0.0	40.0	-3681.16	-1343.69	4.15	-7.071e+04	-1603.18	-5.291e+05
		4.934e+05	-1.062e+04	1.32e-04	0.0	0.0	-3135.52	1194.95	135.05	7.325e+04	-1.062e+04	4.934e+05
						20.0	-3048.02	1194.95	135.05	7.325e+04	-8089.46	5.175e+05
25	25	-4.703e+05	1027.05	-0.21	0.0	40.0	-2960.52	1194.95	135.05	7.325e+04	-5562.42	5.416e+05
		-5.231e+05	-1217.76	9.36e-04	0.0	0.0	-3861.32	-1331.99	-64.58	-6.613e+04	1027.05	-4.703e+05
						20.0	-3773.82	-1331.99	-64.58	-6.613e+04	-95.36	-4.967e+05
25	28	5.356e+05	-5947.84	0.21	0.0	40.0	-3686.32	-1331.99	-64.58	-6.613e+04	-1217.76	-5.231e+05
		4.879e+05	-1.376e+04	-1.09e-04	0.0	0.0	-3130.36	1183.25	203.79	6.867e+04	-1.376e+04	4.879e+05
						20.0	-3042.86	1183.25	203.79	6.867e+04	-9854.41	5.117e+05
25	45	-7.675e+04	3943.07	-0.03	0.0	40.0	-2955.36	1183.25	203.79	6.867e+04	-5947.84	5.356e+05
		-8.822e+04	-2006.46	1.13e-03	0.0	0.0	-3598.80	-297.52	-150.22	-1.430e+04	3943.07	-7.675e+04
						20.0	-3511.30	-297.52	-150.22	-1.430e+04	968.31	-8.249e+04
25	48	1.007e+05	-5159.13	0.04	0.0	40.0	-3423.80	-297.52	-150.22	-1.430e+04	-2006.46	-8.822e+04
		9.436e+04	-1.668e+04	-3.04e-04	0.0	0.0	-3392.88	148.78	289.43	1.684e+04	-1.668e+04	9.436e+04
						20.0	-3305.38	148.78	289.43	1.684e+04	-1.092e+04	9.752e+04
25	53	-2.478e+05	-2515.39	-0.11	0.0	40.0	-3217.88	148.78	289.43	1.684e+04	-5159.13	1.007e+05
		-2.772e+05	-3994.28	5.64e-04	0.0	0.0	-3687.90	-745.40	31.99	-3.705e+04	-3994.28	-2.478e+05
						20.0	-3600.40	-745.40	31.99	-3.705e+04	-3254.83	-2.625e+05
25	56	2.897e+05	-4650.21	0.11	0.0	40.0	-3512.90	-745.40	31.99	-3.705e+04	-2515.39	-2.772e+05
		2.654e+05	-8739.67	2.64e-04	0.0	0.0	-3303.78	596.67	107.21	3.959e+04	-4650.21	2.897e+05
						20.0	-3216.28	596.67	107.21	3.959e+04	-6694.94	2.775e+05
25	57	-2.447e+05	-2183.12	-0.11	0.0	40.0	-3128.78	596.67	107.21	3.959e+04	-4650.21	2.897e+05
		-2.738e+05	-2293.32	7.02e-04	0.0	0.0	-3691.37	-738.78	-7.61	-3.454e+04	-2183.12	-2.447e+05
						20.0	-3603.87	-738.78	-7.61	-3.454e+04	-2238.22	-2.592e+05
25	60	2.863e+05	-4872.27	0.11	0.0	40.0	-3516.37	-738.78	-7.61	-3.454e+04	-2293.32	-2.738e+05
		2.623e+05	-1.055e+04	1.25e-04	0.0	0.0	-3300.31	590.05	146.81	3.709e+04	-4872.27	2.863e+05
						20.0	-3212.81	590.05	146.81	3.709e+04	-7711.55	2.743e+05
25	69	7317.88	-3435.19	1.64e-03	0.0	40.0	-3125.31	590.05	146.81	3.709e+04	-4872.27	2.863e+05
		5405.42	-6115.54	3.93e-04	0.0	0.0	-3347.27	-56.10	67.01	1201.10	-6115.54	7317.88
						20.0	-3259.77	-56.10	67.01	1201.10	-4775.36	6361.65
25	70	1.227e+04	-3927.22	3.06e-03	0.0	40.0	-3172.27	-56.10	67.01	1201.10	-3435.19	5405.42
		8137.97	-6953.66	4.62e-04	0.0	0.0	-3842.51	-117.00	75.66	1436.36	-6953.66	1.227e+04
						20.0	-3755.01	-117.00	75.66	1436.36	-5440.44	1.020e+04
25	71	7317.88	-3435.19	1.64e-03	0.0	40.0	-3667.51	-117.00	75.66	1436.36	-3927.22	8137.97
		5405.42	-6115.54	3.93e-04	0.0	0.0	-3347.27	-56.10	67.01	1201.10	-6115.54	7317.88
						20.0	-3259.77	-56.10	67.01	1201.10	-4775.36	6361.65
25	72	9794.55	-3681.20	2.35e-03	0.0	40.0	-3172.27	-56.10	67.01	1201.10	-3435.19	5405.42
		6771.70	-6534.60	4.28e-04	0.0	0.0	-3594.89	-86.55	71.33	1318.73	-6534.60	9794.55
						20.0	-3507.39	-86.55	71.33	1318.73	-5107.90	8283.12
25	73	7317.88	-3435.19	1.64e-03	0.0	40.0	-3419.89	-86.55	71.33	1318.73	-6534.60	9794.55
		5405.42	-6115.54	3.93e-04	0.0	0.0	-3347.27	-56.10	67.01	1201.10	-6115.54	7317.88
						20.0	-3259.77	-56.10	67.01	1201.10	-4775.36	6361.65
25	74	8803.88	-3582.80	2.06e-03	0.0	40.0	-3172.27	-56.10	67.01	1201.10	-3435.19	5405.42
		6225.19	-6366.97	4.14e-04	0.0	0.0	-3495.84	-74.37	69.60	1271.68	-6366.97	8803.88
						20.0	-3408.34	-74.37	69.60	1271.68	-4974.89	7514.53
26	2	2.108e+04	1.524e+04	1.65e-03	0.0	40.0	-3320.84	-74.37	69.60	1271.68	-3582.80	6225.19
						0.0	-3461.17	-129.55	-191.74	2715.88	1.524e+04	2.108e+04

		1.689e+04	7569.29	-8.34e-03	0.0	20.0	-3347.42	-129.55	-191.74	2715.88	1.140e+04	1.899e+04
						40.0	-3233.67	-129.55	-191.74	2715.88	7569.29	1.689e+04
26	3	8250.15	9675.56	2.48e-04	0.0	0.0	-2240.30	-36.90	-122.25	1574.42	9675.56	8250.15
		7166.00	4784.79	-5.53e-03	0.0	20.0	-2152.80	-36.90	-122.25	1574.42	7230.18	7708.08
						40.0	-2065.30	-36.90	-122.25	1574.42	4784.79	7166.00
26	13	-9.611e+04	3.197e+04	-0.06	0.0	0.0	-3657.96	-208.16	-530.43	-7.043e+04	3.197e+04	-9.611e+04
		-1.074e+05	1.101e+04	-2.69e-03	0.0	20.0	-3570.46	-208.16	-530.43	-7.043e+04	2.149e+04	-1.018e+05
						40.0	-3482.96	-208.16	-530.43	-7.043e+04	1.101e+04	-1.074e+05
26	16	1.248e+05	-901.55	0.06	0.0	0.0	-1042.16	101.73	272.80	7.385e+04	-1.155e+04	1.168e+05
		1.168e+05	-1.155e+04	-8.82e-03	0.0	20.0	-954.66	101.73	272.80	7.385e+04	-6227.73	1.208e+05
						40.0	-867.16	101.73	272.80	7.385e+04	-901.55	1.248e+05
26	22	3.327e+05	8751.57	0.14	0.0	0.0	-776.68	653.42	-154.21	2.076e+05	8751.57	3.061e+05
		3.061e+05	2072.64	-6.98e-03	0.0	20.0	-689.18	653.42	-154.21	2.076e+05	5412.10	3.194e+05
						40.0	-601.68	653.42	-154.21	2.076e+05	2072.64	3.327e+05
26	23	-2.854e+05	1.166e+04	-0.14	0.0	0.0	-3923.43	-759.86	-103.42	-2.042e+05	1.166e+04	-2.854e+05
		-3.153e+05	8036.58	-4.54e-03	0.0	20.0	-3835.93	-759.86	-103.42	-2.042e+05	9850.40	-3.004e+05
						40.0	-3748.43	-759.86	-103.42	-2.042e+05	8036.58	-3.153e+05
26	25	-2.749e+05	2.042e+04	-0.14	0.0	0.0	-4301.48	-707.95	-268.97	-2.096e+05	2.042e+04	-2.749e+05
		-3.037e+05	1.023e+04	-3.44e-03	0.0	20.0	-4213.98	-707.95	-268.97	-2.096e+05	1.532e+04	-2.893e+05
						40.0	-4126.48	-707.95	-268.97	-2.096e+05	1.023e+04	-3.037e+05
26	28	3.211e+05	-3.17	0.15	0.0	0.0	-398.64	601.52	11.34	2.130e+05	-3.17	2.955e+05
		2.955e+05	-119.07	-8.08e-03	0.0	20.0	-311.14	601.52	11.34	2.130e+05	-61.12	3.083e+05
						40.0	-223.64	601.52	11.34	2.130e+05	-119.07	3.211e+05
26	45	-4.670e+04	2.271e+04	-0.03	0.0	0.0	-3081.70	-134.11	-360.46	-3.681e+04	2.271e+04	-4.670e+04
		-5.349e+04	8441.27	-4.02e-03	0.0	20.0	-2994.20	-134.11	-360.46	-3.681e+04	1.558e+04	-5.009e+04
						40.0	-2906.70	-134.11	-360.46	-3.681e+04	8441.27	-5.349e+04
26	48	7.085e+04	1667.94	0.04	0.0	0.0	-1618.41	27.67	102.83	4.022e+04	-2294.91	6.734e+04
		6.734e+04	-2294.91	-7.50e-03	0.0	20.0	-1530.91	27.67	102.83	4.022e+04	-313.48	6.910e+04
						40.0	-1443.41	27.67	102.83	4.022e+04	1667.94	7.085e+04
26	54	1.805e+05	9546.38	0.07	0.0	0.0	-1520.40	321.07	-143.63	1.107e+05	9546.38	1.672e+05
		1.672e+05	3505.15	-6.36e-03	0.0	20.0	-1432.90	321.07	-143.63	1.107e+05	6525.77	1.739e+05
						40.0	-1345.40	321.07	-143.63	1.107e+05	3505.15	1.805e+05
26	55	-1.466e+05	1.087e+04	-0.07	0.0	0.0	-3179.72	-427.51	-114.00	-1.073e+05	1.087e+04	-1.466e+05
		-1.632e+05	6604.06	-5.16e-03	0.0	20.0	-3092.22	-427.51	-114.00	-1.073e+05	8736.74	-1.549e+05
						40.0	-3004.72	-427.51	-114.00	-1.073e+05	6604.06	-1.632e+05
26	57	-1.408e+05	1.592e+04	-0.08	0.0	0.0	-3398.27	-398.88	-209.55	-1.103e+05	1.592e+04	-1.408e+05
		-1.568e+05	7871.36	-4.52e-03	0.0	20.0	-3310.77	-398.88	-209.55	-1.103e+05	1.190e+04	-1.488e+05
						40.0	-3223.27	-398.88	-209.55	-1.103e+05	7871.36	-1.568e+05
26	60	1.742e+05	4491.00	0.08	0.0	0.0	-1301.85	292.45	-48.08	1.137e+05	4491.00	1.614e+05
		1.614e+05	2237.85	-7.00e-03	0.0	20.0	-1214.35	292.45	-48.08	1.137e+05	3364.43	1.678e+05
						40.0	-1126.85	292.45	-48.08	1.137e+05	2237.85	1.742e+05
26	69	8250.15	9675.56	2.48e-04	0.0	0.0	-2240.30	-36.90	-122.25	1574.42	9675.56	8250.15
		7166.00	4784.79	-5.53e-03	0.0	20.0	-2152.80	-36.90	-122.25	1574.42	7230.18	7708.08
						40.0	-2065.30	-36.90	-122.25	1574.42	4784.79	7166.00
26	70	1.516e+04	1.145e+04	1.13e-03	0.0	0.0	-2606.15	-91.28	-144.13	2020.51	1.145e+04	1.516e+04
		1.222e+04	5684.16	-6.30e-03	0.0	20.0	-2518.65	-91.28	-144.13	2020.51	8567.10	1.369e+04
						40.0	-2431.15	-91.28	-144.13	2020.51	5684.16	1.222e+04
26	71	8250.15	9675.56	2.48e-04	0.0	0.0	-2240.30	-36.90	-122.25	1574.42	9675.56	8250.15
		7166.00	4784.79	-5.53e-03	0.0	20.0	-2152.80	-36.90	-122.25	1574.42	7230.18	7708.08
						40.0	-2065.30	-36.90	-122.25	1574.42	4784.79	7166.00
26	72	1.170e+04	1.056e+04	6.89e-04	0.0	0.0	-2423.23	-64.09	-133.19	1797.47	1.056e+04	1.170e+04
		9690.78	5234.48	-5.91e-03	0.0	20.0	-2335.73	-64.09	-133.19	1797.47	7898.64	1.070e+04
						40.0	-2248.23	-64.09	-133.19	1797.47	5234.48	9690.78
26	73	8250.15	9675.56	2.48e-04	0.0	0.0	-2240.30	-36.90	-122.25	1574.42	9675.56	8250.15
		7166.00	4784.79	-5.53e-03	0.0	20.0	-2152.80	-36.90	-122.25	1574.42	7230.18	7708.08
						40.0	-2065.30	-36.90	-122.25	1574.42	4784.79	7166.00
26	74	1.032e+04	1.021e+04	5.13e-04	0.0	0.0	-2350.06	-53.22	-128.82	1708.25	1.021e+04	1.032e+04
		8680.87	5054.61	-5.76e-03	0.0	20.0	-2262.56	-53.22	-128.82	1708.25	7631.25	9501.36
						40.0	-2175.06	-53.22	-128.82	1708.25	5054.61	8680.87
27	2	2.090e+05	2.881e+04	0.01	0.0	0.0	-1.520e+04	-1322.54	-2412.66	-2785.96	2.881e+04	2.090e+05
		1.642e+05	-6.770e+04	-7.10e-04	0.0	20.0	-1.509e+04	-1322.54	-2412.66	-2785.96	-1.945e+04	1.866e+05
						40.0	-1.497e+04	-1322.54	-2412.66	-2785.96	-6.770e+04	1.642e+05
27	3	1.444e+05	1.856e+04	9.50e-03	0.0	0.0	-1.008e+04	-907.19	-1629.35	-1866.91	1.856e+04	1.444e+05
		1.137e+05	-4.661e+04	-3.05e-04	0.0	20.0	-9993.89	-907.19	-1629.35	-1866.91	-1.403e+04	1.290e+05
						40.0	-9906.39	-907.19	-1629.35	-1866.91	-4.661e+04	1.137e+05
27	14	-3.152e+05	2.084e+05	-0.02	0.0	0.0	-9049.98	-804.29	2034.52	3.578e+04	2.084e+05	-3.152e+05
		-3.490e+05	4.270e+04	4.27e-03	0.0	20.0	-8962.48	-804.29	2034.52	3.578e+04	1.255e+05	-3.321e+05
						40.0	-8874.98	-804.29	2034.52	3.578e+04	4.270e+04	-3.490e+05
27	15	6.126e+05	-1.388e+05	0.04	0.0	0.0	-1.195e+04	-1067.36	-5411.02	-3.966e+04	-1.694e+05	6.126e+05
		5.829e+05	-1.694e+05	-5.00e-03	0.0	20.0	-1.186e+04	-1067.36	-5411.02	-3.966e+04	-1.541e+05	5.977e+05
						40.0	-1.178e+04	-1067.36	-5411.02	-3.966e+04	-1.388e+05	5.829e+05
27	30	7151.24	1.803e+06	1.94e-03	0.0	0.0	-8095.20	-719.41	3.064e+04	-5.957e+04	4.806e+05	7151.24
		-2.195e+04	4.806e+05	0.01	0.0	20.0	-8007.70	-719.41	3.064e+04	-5.957e+04	1.142e+06	-7401.60
						40.0	-7920.20	-719.41	3.064e+04	-5.957e+04	1.803e+06	-2.195e+04
27	31	2.902e+05	-4.416e+05	0.02	0.0	0.0	-1.291e+04	-1152.24	-3.402e+04	5.570e+04	-4.416e+05	2.902e+05
		2.559e+05	-1.899e+06	-0.02	0.0	20.0	-1.282e+04	-1152.24	-3.402e+04	5.570e+04	-1.170e+06	2.730e+05
						40.0	-1.273e+04	-1152.24	-3.402e+04	5.570e+04	-1.899e+06	2.559e+05

27	34	-4.334e+04	1.603e+06	-1.33e-03	0.0	0.0	-8020.60	-718.46	3.144e+04	-5.643e+04	4.758e+05	-4.334e+04
		-7.290e+04	4.758e+05	0.02	0.0	20.0	-7933.10	-718.46	3.144e+04	-5.643e+04	1.039e+06	-5.812e+04
						40.0	-7845.60	-718.46	3.144e+04	-5.643e+04	1.603e+06	-7.290e+04
27	35	3.407e+05	-4.368e+05	0.02	0.0	0.0	-1.298e+04	-1153.19	-3.482e+04	5.255e+04	-4.368e+05	3.407e+05
		3.068e+05	-1.699e+06	-0.02	0.0	20.0	-1.289e+04	-1153.19	-3.482e+04	5.255e+04	-1.068e+06	3.237e+05
						40.0	-1.281e+04	-1153.19	-3.482e+04	5.255e+04	-1.699e+06	3.068e+05
27	46	-1.180e+05	1.284e+05	-7.74e-03	0.0	0.0	-9692.30	-861.94	169.34	2.060e+04	1.284e+05	-1.180e+05
		-1.510e+05	-7315.84	2.17e-03	0.0	20.0	-9604.80	-861.94	169.34	2.060e+04	6.052e+04	-1.345e+05
						40.0	-9517.30	-861.94	169.34	2.060e+04	-7315.84	-1.510e+05
27	47	4.154e+05	-8.875e+04	0.03	0.0	0.0	-1.131e+04	-1009.71	-3545.85	-2.447e+04	-8.936e+04	4.154e+05
		3.849e+05	-8.936e+04	-2.91e-03	0.0	20.0	-1.122e+04	-1009.71	-3545.85	-2.447e+04	-8.906e+04	4.002e+05
						40.0	-1.113e+04	-1009.71	-3545.85	-2.447e+04	-8.875e+04	3.849e+05
27	62	6.885e+04	9.672e+05	5.40e-03	0.0	0.0	-9220.94	-819.07	1.569e+04	-3.179e+04	2.821e+05	6.885e+04
		3.823e+04	2.821e+05	7.80e-03	0.0	20.0	-9133.44	-819.07	1.569e+04	-3.179e+04	6.246e+05	5.354e+04
						40.0	-9045.94	-819.07	1.569e+04	-3.179e+04	9.672e+05	3.823e+04
27	63	2.285e+05	-2.431e+05	0.01	0.0	0.0	-1.178e+04	-1052.58	-1.907e+04	2.791e+04	-2.431e+05	2.285e+05
		1.957e+05	-1.063e+06	-8.53e-03	0.0	20.0	-1.169e+04	-1052.58	-1.907e+04	2.791e+04	-6.532e+05	2.121e+05
						40.0	-1.161e+04	-1052.58	-1.907e+04	2.791e+04	-1.063e+06	1.957e+05
27	66	3.961e+04	8.517e+05	3.51e-03	0.0	0.0	-9178.77	-818.61	1.616e+04	-2.986e+04	2.791e+05	3.961e+04
		8730.16	2.791e+05	7.86e-03	0.0	20.0	-9091.27	-818.61	1.616e+04	-2.986e+04	5.654e+05	2.417e+04
						40.0	-9003.77	-818.61	1.616e+04	-2.986e+04	8.517e+05	8730.16
27	67	2.577e+05	-2.402e+05	0.02	0.0	0.0	-1.182e+04	-1053.04	-1.953e+04	2.599e+04	-2.402e+05	2.577e+05
		2.252e+05	-9.478e+05	-8.59e-03	0.0	20.0	-1.173e+04	-1053.04	-1.953e+04	2.599e+04	-5.940e+05	2.415e+05
						40.0	-1.165e+04	-1053.04	-1.953e+04	2.599e+04	-9.478e+05	2.252e+05
27	69	1.444e+05	1.856e+04	9.50e-03	0.0	0.0	-1.008e+04	-907.19	-1629.35	-1866.91	1.856e+04	1.444e+05
		1.137e+05	-4.661e+04	-3.05e-04	0.0	20.0	-9993.89	-907.19	-1629.35	-1866.91	-1.403e+04	1.290e+05
						40.0	-9906.39	-907.19	-1629.35	-1866.91	-4.661e+04	1.137e+05
27	70	1.586e+05	2.168e+04	0.01	0.0	0.0	-1.148e+04	-1002.65	-1825.69	-2106.22	2.168e+04	1.586e+05
		1.246e+05	-5.135e+04	-5.14e-04	0.0	20.0	-1.139e+04	-1002.65	-1825.69	-2106.22	-1.483e+04	1.416e+05
						40.0	-1.130e+04	-1002.65	-1825.69	-2106.22	-5.135e+04	1.246e+05
27	71	1.444e+05	1.856e+04	9.50e-03	0.0	0.0	-1.008e+04	-907.19	-1629.35	-1866.91	1.856e+04	1.444e+05
		1.137e+05	-4.661e+04	-3.05e-04	0.0	20.0	-9993.89	-907.19	-1629.35	-1866.91	-1.403e+04	1.290e+05
						40.0	-9906.39	-907.19	-1629.35	-1866.91	-4.661e+04	1.137e+05
27	72	1.515e+05	2.012e+04	0.01	0.0	0.0	-1.078e+04	-954.92	-1727.52	-1986.57	2.012e+04	1.515e+05
		1.191e+05	-4.898e+04	-4.09e-04	0.0	20.0	-1.069e+04	-954.92	-1727.52	-1986.57	-1.443e+04	1.353e+05
						40.0	-1.061e+04	-954.92	-1727.52	-1986.57	-4.898e+04	1.191e+05
27	73	1.444e+05	1.856e+04	9.50e-03	0.0	0.0	-1.008e+04	-907.19	-1629.35	-1866.91	1.856e+04	1.444e+05
		1.137e+05	-4.661e+04	-3.05e-04	0.0	20.0	-9993.89	-907.19	-1629.35	-1866.91	-1.403e+04	1.290e+05
						40.0	-9906.39	-907.19	-1629.35	-1866.91	-4.661e+04	1.137e+05
27	74	1.487e+05	1.950e+04	9.89e-03	0.0	0.0	-1.050e+04	-935.83	-1688.25	-1938.71	1.950e+04	1.487e+05
		1.170e+05	-4.803e+04	-3.68e-04	0.0	20.0	-1.041e+04	-935.83	-1688.25	-1938.71	-1.427e+04	1.328e+05
						40.0	-1.033e+04	-935.83	-1688.25	-1938.71	-4.803e+04	1.170e+05
28	2	1.078e+04	1.124e+05	0.06	0.0	0.0	-3.801e+04	-488.51	253.83	-2920.87	-1818.55	1.078e+04
		-2.091e+05	-1818.55	-0.01	0.0	225.0	-3.673e+04	-488.51	253.83	-2920.87	5.529e+04	-9.914e+04
						450.0	-3.545e+04	-488.51	253.83	-2920.87	1.124e+05	-2.091e+05
28	3	6604.36	7.283e+04	0.04	0.0	0.0	-2.569e+04	-324.70	159.86	-2135.06	897.58	6604.36
		-1.395e+05	897.58	-8.68e-03	0.0	225.0	-2.470e+04	-324.70	159.86	-2135.06	3.687e+04	-6.645e+04
						450.0	-2.372e+04	-324.70	159.86	-2135.06	7.283e+04	-1.395e+05
28	4	8794.95	9.056e+04	0.04	0.0	0.0	-3.031e+04	-391.10	205.88	-2280.35	-2087.83	8794.95
		-1.672e+05	-2087.83	-0.01	0.0	225.0	-2.932e+04	-391.10	205.88	-2280.35	4.423e+04	-7.920e+04
						450.0	-2.834e+04	-391.10	205.88	-2280.35	9.056e+04	-1.672e+05
28	14	7.662e+05	2.419e+06	0.91	0.0	0.0	-2.795e+04	-3303.58	-9802.59	-9.279e+04	2.419e+06	7.662e+05
		-7.212e+05	-2.007e+06	0.83	0.0	225.0	-2.697e+04	-3303.58	-9802.59	-9.279e+04	2.058e+05	2.251e+04
						450.0	-2.598e+04	-3303.58	-9802.59	-9.279e+04	-2.007e+06	-7.212e+05
28	15	4.311e+05	2.160e+06	-0.89	0.0	0.0	-2.527e+04	2627.61	1.014e+04	8.846e+04	-2.419e+06	-7.521e+05
		-7.521e+05	-2.419e+06	-0.83	0.0	225.0	-2.429e+04	2627.61	1.014e+04	8.846e+04	-1.291e+05	-1.605e+05
						450.0	-2.330e+04	2627.61	1.014e+04	8.846e+04	-2.160e+06	4.311e+05
28	29	7.005e+05	1.975e+05	-3.71	0.0	0.0	-2.075e+04	5096.47	-454.31	1.348e+05	1.975e+05	-1.594e+06
		-1.594e+06	3.787e+04	0.61	0.0	225.0	-1.977e+04	5096.47	-454.31	1.348e+05	1.177e+05	-4.466e+05
						450.0	-1.879e+04	5096.47	-454.31	1.348e+05	3.787e+04	7.005e+05
28	32	1.608e+06	1.149e+05	3.73	0.0	0.0	-3.247e+04	-5772.44	792.44	-1.391e+05	-1.969e+05	1.608e+06
		-9.906e+05	-1.969e+05	-0.61	0.0	225.0	-3.149e+04	-5772.44	792.44	-1.391e+05	-4.100e+04	3.086e+05
						450.0	-3.050e+04	-5772.44	792.44	-1.391e+05	1.149e+05	-9.906e+05
28	34	1.771e+06	9.344e+05	3.64	0.0	0.0	-3.229e+04	-6513.58	-3873.13	-1.607e+05	9.344e+05	1.771e+06
		-1.162e+06	-8.534e+05	-0.14	0.0	225.0	-3.130e+04	-6513.58	-3873.13	-1.607e+05	4.051e+04	3.043e+05
						450.0	-3.032e+04	-6513.58	-3873.13	-1.607e+05	-8.534e+05	-1.162e+06
28	35	8.719e+05	1.006e+06	-3.61	0.0	0.0	-2.094e+04	5837.62	4211.26	1.563e+05	-9.338e+05	-1.756e+06
		-1.756e+06	-9.338e+05	0.14	0.0	225.0	-1.995e+04	5837.62	4211.26	1.563e+05	3.617e+04	-4.423e+05
						450.0	-1.897e+04	5837.62	4211.26	1.563e+05	1.006e+06	8.719e+05
28	46	4.229e+05	1.395e+06	0.49	0.0	0.0	-2.731e+04	-1974.50	-5582.65	-5.119e+04	1.395e+06	4.229e+05
		-4.660e+05	-1.124e+06	0.48	0.0	225.0	-2.633e+04	-1974.50	-5582.65	-5.119e+04	1.355e+05	-2.155e+04
						450.0	-2.534e+04	-1974.50	-5582.65	-5.119e+04	-1.124e+06	-4.660e+05
28	47	1.759e+05	1.277e+06	-0.46	0.0	0.0	-2.591e+04	1298.53	5920.77	4.686e+04	-1.395e+06	-4.088e+05
		-4.088e+05	-1.395e+06	-0.49	0.0	225.0	-2.493e+04	1298.53	5920.77	4.686e+04	-5.881e+04	-1.165e+05
						450.0	-2.394e+04	1298.53	5920.77	4.686e+04	1.277e+06	1.759e+05
28	61	2.995e+05	1.149e+05	-1.95	0.0	0.0	-2.352e+04	2521.17	-212.71	7.037e+04	1.149e+05	-8.355e+05
		-8.355e+05	4.265e+04	0.33	0.0	225.0	-2.253e+04	2521.17	-212.71	7.037e+04	7.878e+04	-2.680e+05

						450.0	-2.155e+04	2521.17	-212.71	7.037e+04	4.265e+04	2.995e+05
28	64	8.496e+05	1.101e+05	1.98	0.0	0.0	-2.970e+04	-3197.14	550.83	-7.470e+04	-1.143e+05	8.496e+05
		-5.896e+05	-1.143e+05	-0.33	0.0	225.0	-2.872e+04	-3197.14	550.83	-7.470e+04	-2105.83	1.300e+05
						450.0	-2.774e+04	-3197.14	550.83	-7.470e+04	1.101e+05	-5.896e+05
28	66	9.437e+05	5.386e+05	1.92	0.0	0.0	-2.960e+04	-3625.90	-2141.97	-8.663e+04	5.386e+05	9.437e+05
		-6.888e+05	-4.488e+05	-0.06	0.0	225.0	-2.862e+04	-3625.90	-2141.97	-8.663e+04	4.488e+04	1.275e+05
						450.0	-2.764e+04	-3625.90	-2141.97	-8.663e+04	-4.488e+05	-6.888e+05
28	67	3.987e+05	6.016e+05	-1.90	0.0	0.0	-2.362e+04	2949.93	2480.10	8.230e+04	-5.379e+05	-9.297e+05
		-9.297e+05	-5.379e+05	0.06	0.0	225.0	-2.263e+04	2949.93	2480.10	8.230e+04	3.180e+04	-2.655e+05
						450.0	-2.165e+04	2949.93	2480.10	8.230e+04	6.016e+05	3.987e+05
28	69	6604.36	7.283e+04	0.04	0.0	0.0	-2.569e+04	-324.70	159.86	-2135.06	897.58	6604.36
		-1.395e+05	897.58	-8.68e-03	0.0	225.0	-2.470e+04	-324.70	159.86	-2135.06	3.687e+04	-6.645e+04
						450.0	-2.372e+04	-324.70	159.86	-2135.06	7.283e+04	-1.395e+05
28	70	8064.76	8.465e+04	0.04	0.0	0.0	-2.877e+04	-368.97	190.54	-2231.92	-1092.69	8064.76
		-1.580e+05	-1092.69	-9.96e-03	0.0	225.0	-2.778e+04	-368.97	190.54	-2231.92	4.178e+04	-7.495e+04
						450.0	-2.680e+04	-368.97	190.54	-2231.92	8.465e+04	-1.580e+05
28	71	6604.36	7.283e+04	0.04	0.0	0.0	-2.569e+04	-324.70	159.86	-2135.06	897.58	6604.36
		-1.395e+05	897.58	-8.68e-03	0.0	225.0	-2.470e+04	-324.70	159.86	-2135.06	3.687e+04	-6.645e+04
						450.0	-2.372e+04	-324.70	159.86	-2135.06	7.283e+04	-1.395e+05
28	72	7334.56	7.874e+04	0.04	0.0	0.0	-2.723e+04	-346.84	175.20	-2183.49	-97.56	7334.56
		-1.487e+05	-97.56	-9.32e-03	0.0	225.0	-2.624e+04	-346.84	175.20	-2183.49	3.932e+04	-7.070e+04
						450.0	-2.526e+04	-346.84	175.20	-2183.49	7.874e+04	-1.487e+05
28	73	6604.36	7.283e+04	0.04	0.0	0.0	-2.569e+04	-324.70	159.86	-2135.06	897.58	6604.36
		-1.395e+05	897.58	-8.68e-03	0.0	225.0	-2.470e+04	-324.70	159.86	-2135.06	3.687e+04	-6.645e+04
						450.0	-2.372e+04	-324.70	159.86	-2135.06	7.283e+04	-1.395e+05
28	74	7042.48	7.638e+04	0.04	0.0	0.0	-2.661e+04	-337.98	169.06	-2164.12	300.50	7042.48
		-1.451e+05	300.50	-9.06e-03	0.0	225.0	-2.563e+04	-337.98	169.06	-2164.12	3.834e+04	-6.900e+04
						450.0	-2.464e+04	-337.98	169.06	-2164.12	7.638e+04	-1.451e+05
29	2	-1.539e+04	1.996e+05	0.01	0.0	0.0	-4.193e+04	40.63	-373.54	1422.73	1.996e+05	-3.368e+04
		-3.368e+04	3.149e+04	-0.03	0.0	225.0	-4.066e+04	40.63	-373.54	1422.73	1.155e+05	-2.454e+04
						450.0	-3.938e+04	40.63	-373.54	1422.73	3.149e+04	-1.539e+04
29	3	-9617.42	1.350e+05	8.99e-03	0.0	0.0	-2.831e+04	30.16	-250.70	1060.82	1.350e+05	-2.319e+04
		-2.319e+04	2.222e+04	-0.02	0.0	225.0	-2.733e+04	30.16	-250.70	1060.82	7.863e+04	-1.640e+04
						450.0	-2.634e+04	30.16	-250.70	1060.82	2.222e+04	-9617.42
29	13	6.663e+04	2.869e+06	-0.84	0.0	0.0	-2.980e+04	696.53	-1.153e+04	-1.395e+05	2.869e+06	-2.470e+05
		-2.470e+05	-2.318e+06	1.10	0.0	225.0	-2.882e+04	696.53	-1.153e+04	-1.395e+05	2.754e+05	-9.018e+04
						450.0	-2.783e+04	696.53	-1.153e+04	-1.395e+05	-2.318e+06	6.663e+04
29	16	1.992e+05	2.364e+06	0.84	0.0	0.0	-2.888e+04	-635.65	1.101e+04	1.417e+05	-2.589e+06	1.992e+05
		-8.703e+04	-2.589e+06	-1.11	0.0	225.0	-2.789e+04	-635.65	1.101e+04	1.417e+05	-1.128e+05	5.609e+04
						450.0	-2.691e+04	-635.65	1.101e+04	1.417e+05	2.364e+06	-8.703e+04
29	22	1.012e+06	5.707e+05	2.48	0.0	0.0	-2.908e+04	-3206.19	2386.98	3.819e+05	-5.034e+05	1.012e+06
		-4.326e+05	-5.034e+05	-0.26	0.0	225.0	-2.810e+04	-3206.19	2386.98	3.819e+05	3.366e+04	2.899e+05
						450.0	-2.711e+04	-3206.19	2386.98	3.819e+05	5.707e+05	-4.326e+05
29	23	4.122e+05	7.831e+05	-2.47	0.0	0.0	-2.960e+04	-3267.08	-2907.43	-3.798e+05	7.831e+05	-1.060e+06
		-1.060e+06	-5.253e+05	0.25	0.0	225.0	-2.861e+04	-3267.08	-2907.43	-3.798e+05	1.289e+05	-3.240e+05
						450.0	-2.763e+04	-3267.08	-2907.43	-3.798e+05	-5.253e+05	4.122e+05
29	45	2.982e+04	1.699e+06	-0.44	0.0	0.0	-2.960e+04	377.77	-6696.44	-7.435e+04	1.699e+06	-1.403e+05
		-1.403e+05	-1.315e+06	0.62	0.0	225.0	-2.862e+04	377.77	-6696.44	-7.435e+04	1.921e+05	-5.525e+04
						450.0	-2.763e+04	377.77	-6696.44	-7.435e+04	-1.315e+06	2.982e+04
29	48	9.253e+04	1.360e+06	0.45	0.0	0.0	-2.908e+04	-316.89	6175.98	7.649e+04	-1.419e+06	9.253e+04
		-5.021e+04	-1.419e+06	-0.64	0.0	225.0	-2.809e+04	-316.89	6175.98	7.649e+04	-2.953e+04	2.116e+04
						450.0	-2.711e+04	-316.89	6175.98	7.649e+04	1.360e+06	-5.021e+04
29	54	5.258e+05	2.959e+05	1.31	0.0	0.0	-2.921e+04	-1688.78	1059.40	2.025e+05	1.808e+05	5.258e+05
		-2.356e+05	-1.808e+05	-0.13	0.0	225.0	-2.822e+04	-1688.78	1059.40	2.025e+05	5.758e+04	1.451e+05
						450.0	-2.724e+04	-1688.78	1059.40	2.025e+05	2.959e+05	-2.356e+05
29	55	2.152e+05	4.605e+05	-1.30	0.0	0.0	-2.947e+04	1749.66	-1579.85	-2.003e+05	4.605e+05	-5.736e+05
		-5.736e+05	-2.505e+05	0.12	0.0	225.0	-2.849e+04	1749.66	-1579.85	-2.003e+05	1.050e+05	-1.792e+05
						450.0	-2.750e+04	1749.66	-1579.85	-2.003e+05	-2.505e+05	2.152e+05
29	69	-9617.42	1.350e+05	8.99e-03	0.0	0.0	-2.831e+04	30.16	-250.70	1060.82	1.350e+05	-2.319e+04
		-2.319e+04	2.222e+04	-0.02	0.0	225.0	-2.733e+04	30.16	-250.70	1060.82	7.863e+04	-1.640e+04
						450.0	-2.634e+04	30.16	-250.70	1060.82	2.222e+04	-9617.42
29	70	-1.154e+04	1.511e+05	1.00e-02	0.0	0.0	-3.173e+04	31.11	-282.46	1089.93	1.511e+05	-2.554e+04
		-2.554e+04	2.396e+04	-0.02	0.0	225.0	-3.075e+04	31.11	-282.46	1089.93	8.751e+04	-1.854e+04
						450.0	-2.976e+04	31.11	-282.46	1089.93	2.396e+04	-1.154e+04
29	71	-9617.42	1.350e+05	8.99e-03	0.0	0.0	-2.831e+04	30.16	-250.70	1060.82	1.350e+05	-2.319e+04
		-2.319e+04	2.222e+04	-0.02	0.0	225.0	-2.733e+04	30.16	-250.70	1060.82	7.863e+04	-1.640e+04
						450.0	-2.634e+04	30.16	-250.70	1060.82	2.222e+04	-9617.42
29	72	-1.058e+04	1.430e+05	9.49e-03	0.0	0.0	-3.002e+04	30.63	-266.58	1075.38	1.430e+05	-2.437e+04
		-2.437e+04	2.309e+04	-0.02	0.0	225.0	-2.904e+04	30.63	-266.58	1075.38	8.307e+04	-1.747e+04
						450.0	-2.805e+04	30.63	-266.58	1075.38	2.309e+04	-1.058e+04
29	73	-9617.42	1.350e+05	8.99e-03	0.0	0.0	-2.831e+04	30.16	-250.70	1060.82	1.350e+05	-2.319e+04
		-2.319e+04	2.222e+04	-0.02	0.0	225.0	-2.733e+04	30.16	-250.70	1060.82	7.863e+04	-1.640e+04
						450.0	-2.634e+04	30.16	-250.70	1060.82	2.222e+04	-9617.42
29	74	-1.020e+04	1.398e+05	9.29e-03	0.0	0.0	-2.934e+04	30.44	-260.23	1069.56	1.398e+05	-2.389e+04
		-2.389e+04	2.274e+04	-0.02	0.0	225.0	-2.835e+04	30.44	-260.23	1069.56	8.129e+04	-1.705e+04
						450.0	-2.737e+04	30.44	-260.23	1069.56	2.274e+04	-1.020e+04
30	2	-2.858e+04	-2.691e+04	0.03	0.0	0.0	-3.930e+04	-48.44	-17.63	2402.65	-2.691e+04	-2.858e+04

		-5.038e+04 -3.484e+04 -4.96e-03	0.0	225.0 -3.802e+04 -48.44 -17.63 2402.65 -3.088e+04 -3.948e+04
			0.0	450.0 -3.674e+04 -48.44 -17.63 2402.65 -3.484e+04 -5.038e+04
30	3	-1.923e+04 -1.762e+04 0.02	0.0	0.0 -2.650e+04 -32.14 -14.33 1677.35 -1.762e+04 -1.923e+04
		-3.369e+04 -2.407e+04 -3.23e-03	0.0	225.0 -2.552e+04 -32.14 -14.33 1677.35 -2.084e+04 -2.646e+04
			0.0	450.0 -2.454e+04 -32.14 -14.33 1677.35 -2.407e+04 -3.369e+04
30	13	1.053e+05 2.724e+06 -1.22	0.0	0.0 -2.738e+04 1125.97 -1.136e+04 -5.992e+04 2.724e+06 -4.012e+05
		-4.012e+05 -2.386e+06 1.10	0.0	225.0 -2.640e+04 1125.97 -1.136e+04 -5.992e+04 1.694e+05 -1.479e+05
			0.0	450.0 -2.541e+04 1125.97 -1.136e+04 -5.992e+04 -2.386e+06 1.053e+05
30	16	3.613e+05 2.336e+06 1.24	0.0	0.0 -2.757e+04 -1192.92 1.133e+04 6.336e+04 -2.761e+06 3.613e+05
		-1.753e+05 -2.761e+06 -1.10	0.0	225.0 -2.533e+04 -1192.92 1.133e+04 6.336e+04 -2.126e+05 9.299e+04
			0.0	450.0 -2.560e+04 -1192.92 1.133e+04 6.336e+04 2.336e+06 -1.753e+05
30	21	6.424e+05 1.409e+06 -3.75	0.0	0.0 -2.730e+04 4909.79 -5915.76 -1.469e+05 1.409e+06 -1.570e+06
		-1.570e+06 -1.253e+06 0.62	0.0	225.0 -2.631e+04 4909.79 -5915.76 -1.469e+05 7.833e+04 -4.639e+05
			0.0	450.0 -2.533e+04 4909.79 -5915.76 -1.469e+05 -1.253e+06 6.424e+05
30	22	1.607e+06 4.287e+05 3.66	0.0	0.0 -2.761e+04 -5245.83 2167.22 1.175e+05 -5.466e+05 1.607e+06
		-7.575e+05 -5.466e+05 -0.27	0.0	225.0 -2.662e+04 -5245.83 2167.22 1.175e+05 -5.896e+04 4.246e+05
			0.0	450.0 -2.564e+04 -5245.83 2167.22 1.175e+05 4.287e+05 -7.575e+05
30	23	6.875e+05 5.097e+05 -3.63	0.0	0.0 -2.734e+04 5178.89 -2195.48 -1.141e+05 5.097e+05 -1.647e+06
		-1.647e+06 -4.782e+05 0.26	0.0	225.0 -2.636e+04 5178.89 -2195.48 -1.141e+05 1.576e+04 -4.796e+05
			0.0	450.0 -2.537e+04 5178.89 -2195.48 -1.141e+05 -4.782e+05 6.875e+05
30	24	1.530e+06 1.203e+06 3.77	0.0	0.0 -2.765e+04 -4976.73 5887.50 1.503e+05 -1.446e+06 1.530e+06
		-7.124e+05 -1.446e+06 -0.62	0.0	225.0 -2.666e+04 -4976.73 5887.50 1.503e+05 -1.215e+05 4.090e+05
			0.0	450.0 -2.568e+04 -4976.73 5887.50 1.503e+05 1.203e+06 -7.124e+05
30	45	3.704e+04 1.550e+06 -0.64	0.0	0.0 -2.742e+04 567.88 -6499.59 -3.181e+04 1.550e+06 -2.185e+05
		-2.185e+05 -1.375e+06 0.63	0.0	225.0 -2.644e+04 567.88 -6499.59 -3.181e+04 8.762e+04 -9.075e+04
			0.0	450.0 -2.545e+04 567.88 -6499.59 -3.181e+04 -1.375e+06 3.704e+04
30	48	1.786e+05 1.325e+06 0.66	0.0	0.0 -2.752e+04 -634.82 6471.33 3.526e+04 -1.587e+06 1.325e+06
		-1.071e+05 -1.587e+06 -0.63	0.0	225.0 -2.654e+04 -634.82 6471.33 3.526e+04 -1.308e+05 3.579e+04
			0.0	450.0 -2.556e+04 -634.82 6471.33 3.526e+04 1.325e+06 -1.071e+05
30	53	3.246e+05 7.602e+05 -1.97	0.0	0.0 -2.738e+04 2580.97 -3232.56 -7.791e+04 7.602e+05 -8.388e+05
		-8.388e+05 -6.944e+05 0.33	0.0	225.0 -2.640e+04 2580.97 -3232.56 -7.791e+04 3.291e+04 -2.571e+05
			0.0	450.0 -2.541e+04 2580.97 -3232.56 -7.791e+04 -6.944e+05 3.246e+05
30	54	8.409e+05 1.980e+05 1.93	0.0	0.0 -2.754e+04 -2795.83 1057.82 6.313e+04 -2.780e+05 8.409e+05
		-4.194e+05 -2.780e+05 -0.14	0.0	225.0 -2.656e+04 -2795.83 1057.82 6.313e+04 -4.000e+04 2.108e+05
			0.0	450.0 -2.557e+04 -2795.83 1057.82 6.313e+04 1.980e+05 -4.194e+05
30	55	3.494e+05 2.412e+05 -1.91	0.0	0.0 -2.740e+04 2728.89 -1086.09 -5.969e+04 2.412e+05 -8.808e+05
		-8.808e+05 -2.476e+05 0.13	0.0	225.0 -2.642e+04 2728.89 -1086.09 -5.969e+04 -3200.72 -2.657e+05
			0.0	450.0 -2.544e+04 2728.89 -1086.09 -5.969e+04 -2.476e+05 3.494e+05
30	56	7.989e+05 6.449e+05 1.99	0.0	0.0 -2.757e+04 -2647.91 3204.30 8.135e+04 -7.971e+05 7.989e+05
		-3.946e+05 -7.971e+05 -0.34	0.0	225.0 -2.658e+04 -2647.91 3204.30 8.135e+04 -7.610e+04 2.021e+05
			0.0	450.0 -2.560e+04 -2647.91 3204.30 8.135e+04 6.449e+05 -3.946e+05
30	69	-1.923e+04 -1.762e+04 0.02	0.0	0.0 -2.650e+04 -32.14 -14.33 1677.35 -1.762e+04 -1.923e+04
		-3.369e+04 -2.407e+04 -3.23e-03	0.0	225.0 -2.552e+04 -32.14 -14.33 1677.35 -2.084e+04 -2.646e+04
			0.0	450.0 -2.454e+04 -32.14 -14.33 1677.35 -2.407e+04 -3.369e+04
30	70	-2.162e+04 -2.029e+04 0.02	0.0	0.0 -2.973e+04 -36.58 -13.66 1825.41 -2.029e+04 -2.162e+04
		-3.808e+04 -2.644e+04 -3.74e-03	0.0	225.0 -2.875e+04 -36.58 -13.66 1825.41 -2.336e+04 -2.985e+04
			0.0	450.0 -2.776e+04 -36.58 -13.66 1825.41 -2.644e+04 -3.808e+04
30	71	-1.923e+04 -1.762e+04 0.02	0.0	0.0 -2.650e+04 -32.14 -14.33 1677.35 -1.762e+04 -1.923e+04
		-3.369e+04 -2.407e+04 -3.23e-03	0.0	225.0 -2.552e+04 -32.14 -14.33 1677.35 -2.084e+04 -2.646e+04
			0.0	450.0 -2.454e+04 -32.14 -14.33 1677.35 -2.407e+04 -3.369e+04
30	72	-2.042e+04 -1.895e+04 0.02	0.0	0.0 -2.812e+04 -34.36 -14.00 1751.38 -1.895e+04 -2.042e+04
		-3.589e+04 -2.525e+04 -3.48e-03	0.0	225.0 -2.713e+04 -34.36 -14.00 1751.38 -2.210e+04 -2.815e+04
			0.0	450.0 -2.615e+04 -34.36 -14.00 1751.38 -2.525e+04 -3.589e+04
30	73	-1.923e+04 -1.762e+04 0.02	0.0	0.0 -2.650e+04 -32.14 -14.33 1677.35 -1.762e+04 -1.923e+04
		-3.369e+04 -2.407e+04 -3.23e-03	0.0	225.0 -2.552e+04 -32.14 -14.33 1677.35 -2.084e+04 -2.646e+04
			0.0	450.0 -2.454e+04 -32.14 -14.33 1677.35 -2.407e+04 -3.369e+04
30	74	-1.994e+04 -1.842e+04 0.02	0.0	0.0 -2.747e+04 -33.47 -14.13 1721.77 -1.842e+04 -1.994e+04
		-3.501e+04 -2.478e+04 -3.38e-03	0.0	225.0 -2.649e+04 -33.47 -14.13 1721.77 -2.160e+04 -2.748e+04
			0.0	450.0 -2.550e+04 -33.47 -14.13 1721.77 -2.478e+04 -3.501e+04
31	2	-1.506e+05 -7.203e+04 -0.01	0.0	0.0 -1.466e+04 1304.25 -443.31 1972.63 -7.203e+04 -1.977e+05
		-1.977e+05 -8.976e+04 4.75e-03	0.0	20.0 -1.455e+04 1304.25 -443.31 1972.63 -8.090e+04 -1.742e+05
			0.0	40.0 -1.444e+04 1304.25 -443.31 1972.63 -8.976e+04 -1.506e+05
31	3	-1.051e+05 -5.073e+04 -7.10e-03	0.0	0.0 -9725.58 897.22 -360.11 1397.53 -5.073e+04 -1.374e+05
		-1.374e+05 -6.513e+04 3.26e-03	0.0	20.0 -9638.08 897.22 -360.11 1397.53 -5.793e+04 -1.213e+05
			0.0	40.0 -9550.58 897.22 -360.11 1397.53 -6.513e+04 -1.051e+05
31	13	-5.969e+05 -2.547e+05 -0.04	0.0	0.0 -1.112e+04 1050.29 -1.443e+04 2.589e+04 -2.547e+05 -6.337e+05
		-6.337e+05 -8.102e+05 7.78e-04	0.0	20.0 -1.103e+04 1050.29 -1.443e+04 2.589e+04 -5.324e+05 -6.153e+05
			0.0	40.0 -1.095e+04 1050.29 -1.443e+04 2.589e+04 -8.102e+05 -5.969e+05
31	16	3.811e+05 6.779e+05 0.03	0.0	0.0 -9138.17 799.30 1.372e+04 -2.304e+04 1.508e+05 3.512e+05
		3.512e+05 1.508e+05 6.96e-03	0.0	20.0 -9050.67 799.30 1.372e+04 -2.304e+04 4.143e+05 3.662e+05
			0.0	40.0 -8963.17 799.30 1.372e+04 -2.304e+04 6.779e+05 3.811e+05
31	21	-3.967e+05 -5.253e+05 -0.03	0.0	0.0 -1.075e+04 1002.67 -3.531e+04 -7.512e+04 -5.253e+05 -4.307e+05
		-4.307e+05 -1.870e+06 -6.95e-03	0.0	20.0 -1.066e+04 1002.67 -3.531e+04 -7.512e+04 -1.197e+06 -4.137e+05
			0.0	40.0 -1.057e+04 1002.67 -3.531e+04 -7.512e+04 -1.870e+06 -3.967e+05
31	24	1.809e+05 1.737e+06 0.01	0.0	0.0 -9512.94 846.92 3.460e+04 7.798e+04 4.214e+05 1.483e+05
		1.483e+05 4.214e+05 0.01	0.0	20.0 -9425.44 846.92 3.460e+04 7.798e+04 1.079e+06 1.646e+05
			0.0	40.0 -9337.94 846.92 3.460e+04 7.798e+04 1.737e+06 1.809e+05

31	45	-3.871e+05	-1.679e+05	-0.03	0.0	0.0	-1.070e+04	997.12	-8111.18	1.686e+04	-1.679e+05	-4.224e+05	
		-4.224e+05	-4.804e+05	1.46e-03		0.0	20.0	-1.061e+04	997.12	-8111.18	1.686e+04	-3.242e+05	-4.047e+05
							40.0	-1.052e+04	997.12	-8111.18	1.686e+04	-4.804e+05	-3.871e+05
31	48	1.713e+05	3.481e+05	0.01	0.0	0.0	-9560.51	852.46	7400.89	-1.400e+04	6.402e+04	1.399e+05	
		1.399e+05	6.402e+04	5.37e-03		0.0	20.0	-9473.01	852.46	7400.89	-1.400e+04	2.061e+05	1.556e+05
							40.0	-9385.51	852.46	7400.89	-1.400e+04	3.481e+05	1.713e+05
31	53	-2.650e+05	-3.220e+05	-0.02	0.0	0.0	-1.048e+04	969.53	-1.932e+04	-3.828e+04	-3.220e+05	-2.987e+05	
		-2.987e+05	-1.058e+06	-2.14e-03		0.0	20.0	-1.039e+04	969.53	-1.932e+04	-3.828e+04	-6.897e+05	-2.818e+05
							40.0	-1.030e+04	969.53	-1.932e+04	-3.828e+04	-1.058e+06	-2.650e+05
31	56	4.918e+04	9.252e+05	2.31e-03	0.0	0.0	-9783.62	880.06	1.861e+04	4.113e+04	2.181e+05	1.622e+04	
		1.622e+04	2.181e+05	8.86e-03		0.0	20.0	-9696.12	880.06	1.861e+04	4.113e+04	5.716e+05	3.270e+04
							40.0	-9608.62	880.06	1.861e+04	4.113e+04	9.252e+05	4.918e+04
31	69	-1.051e+05	-5.073e+04	-7.10e-03	0.0	0.0	-9725.58	897.22	-360.11	1397.53	-5.073e+04	-1.374e+05	
		-1.374e+05	-6.513e+04	3.26e-03		0.0	20.0	-9638.08	897.22	-360.11	1397.53	-5.793e+04	-1.213e+05
							40.0	-9550.58	897.22	-360.11	1397.53	-6.513e+04	-1.051e+05
31	70	-1.144e+05	-5.478e+04	-8.04e-03	0.0	0.0	-1.107e+04	989.13	-343.56	1501.42	-5.478e+04	-1.501e+05	
		-1.501e+05	-6.853e+04	3.60e-03		0.0	20.0	-1.098e+04	989.13	-343.56	1501.42	-6.166e+04	-1.323e+05
							40.0	-1.090e+04	989.13	-343.56	1501.42	-6.853e+04	-1.144e+05
31	71	-1.051e+05	-5.073e+04	-7.10e-03	0.0	0.0	-9725.58	897.22	-360.11	1397.53	-5.073e+04	-1.374e+05	
		-1.374e+05	-6.513e+04	3.26e-03		0.0	20.0	-9638.08	897.22	-360.11	1397.53	-5.793e+04	-1.213e+05
							40.0	-9550.58	897.22	-360.11	1397.53	-6.513e+04	-1.051e+05
31	72	-1.098e+05	-5.276e+04	-7.57e-03	0.0	0.0	-1.040e+04	943.17	-351.84	1449.47	-5.276e+04	-1.438e+05	
		-1.438e+05	-6.683e+04	3.43e-03		0.0	20.0	-1.031e+04	943.17	-351.84	1449.47	-5.979e+04	-1.268e+05
							40.0	-1.022e+04	943.17	-351.84	1449.47	-6.683e+04	-1.098e+05
31	73	-1.051e+05	-5.073e+04	-7.10e-03	0.0	0.0	-9725.58	897.22	-360.11	1397.53	-5.073e+04	-1.374e+05	
		-1.374e+05	-6.513e+04	3.26e-03		0.0	20.0	-9638.08	897.22	-360.11	1397.53	-5.793e+04	-1.213e+05
							40.0	-9550.58	897.22	-360.11	1397.53	-6.513e+04	-1.051e+05
31	74	-1.079e+05	-5.195e+04	-7.38e-03	0.0	0.0	-1.013e+04	924.79	-355.15	1428.70	-5.195e+04	-1.412e+05	
		-1.412e+05	-6.615e+04	3.36e-03		0.0	20.0	-1.004e+04	924.79	-355.15	1428.70	-5.905e+04	-1.246e+05
							40.0	-9954.48	924.79	-355.15	1428.70	-6.615e+04	-1.079e+05
105	1	-4285.14	1.843e+05	-3.09e-03	0.0	0.0	-8973.54	-218.56	1772.96	4136.77	1.070e+05	-4285.14	
		-1.443e+04	1.070e+05	3.24e-03		0.0	20.0	-8859.79	-218.56	1772.96	4136.77	1.456e+05	-9356.60
							40.0	-8746.04	-218.56	1772.96	4136.77	1.843e+05	-1.443e+04
105	2	-2745.44	2.089e+05	-3.87e-03	0.0	0.0	-1.071e+04	-94.68	2018.63	5115.32	1.208e+05	-2745.44	
		-8573.46	1.208e+05	4.07e-03		0.0	20.0	-1.059e+04	-94.68	2018.63	5115.32	1.648e+05	-5659.45
							40.0	-1.048e+04	-94.68	2018.63	5115.32	2.089e+05	-8573.46
105	3	-3296.26	1.418e+05	-2.38e-03	0.0	0.0	-6902.72	-168.12	1363.82	3182.13	8.228e+04	-3296.26	
		-1.110e+04	8.228e+04	2.49e-03		0.0	20.0	-6815.22	-168.12	1363.82	3182.13	1.120e+05	-7197.38
							40.0	-6727.72	-168.12	1363.82	3182.13	1.418e+05	-1.110e+04
105	4	-1756.56	1.663e+05	-3.16e-03	0.0	0.0	-8636.11	-44.24	1609.48	4160.68	9.611e+04	-1756.56	
		-5243.91	9.611e+04	3.32e-03		0.0	20.0	-8548.61	-44.24	1609.48	4160.68	1.312e+05	-3500.24
							40.0	-8461.11	-44.24	1609.48	4160.68	1.663e+05	-5243.91
105	14	4.862e+04	6.622e+05	3.05e-03	0.0	0.0	-8116.09	2297.92	9091.71	7.145e+04	3.101e+05	-7.442e+04	
		-7.442e+04	3.101e+05	0.01		0.0	20.0	-8028.59	2297.92	9091.71	7.145e+04	4.861e+05	-1.290e+04
							40.0	-7941.09	2297.92	9091.71	7.145e+04	6.622e+05	4.862e+04
105	15	6.844e+04	-1.400e+05	-8.12e-03	0.0	0.0	-6382.71	-2584.62	-6265.80	-6.470e+04	-1.400e+05	6.844e+04	
		-6.848e+04	-3.688e+05	-5.05e-03		0.0	20.0	-6295.21	-2584.62	-6265.80	-6.470e+04	-2.544e+05	-18.98
							40.0	-6207.71	-2584.62	-6265.80	-6.470e+04	-3.688e+05	-6.848e+04
105	21	1.750e+05	2.611e+04	-0.02	0.0	0.0	-9625.91	-1.260e+04	-676.06	-6.991e+04	2.611e+04	1.750e+05	
		-4.258e+05	-648.50	0.02		0.0	20.0	-9538.41	-1.260e+04	-676.06	-6.991e+04	1.273e+04	-1.254e+05
							40.0	-9450.91	-1.260e+04	-676.06	-6.991e+04	-648.50	-4.258e+05
105	24	4.060e+05	2.940e+05	0.02	0.0	0.0	-4872.89	1.231e+04	3501.96	7.667e+04	1.440e+05	-1.810e+05	
		-1.810e+05	1.440e+05	-0.01		0.0	20.0	-4785.39	1.231e+04	3501.96	7.667e+04	2.190e+05	1.125e+05
							40.0	-4697.89	1.231e+04	3501.96	7.667e+04	2.940e+05	4.060e+05
105	25	1.761e+05	9.018e+04	-0.02	0.0	0.0	-9833.83	-1.237e+04	525.48	-6.563e+04	6.736e+04	1.761e+05	
		-4.156e+05	6.736e+04	0.02		0.0	20.0	-9746.33	-1.237e+04	525.48	-6.563e+04	7.877e+04	-1.197e+05
							40.0	-9658.83	-1.237e+04	525.48	-6.563e+04	9.018e+04	-4.156e+05
105	28	3.957e+05	2.032e+05	0.02	0.0	0.0	-4664.97	1.209e+04	2300.42	7.239e+04	1.027e+05	-1.821e+05	
		-1.821e+05	1.027e+05	-0.02		0.0	20.0	-4577.47	1.209e+04	2300.42	7.239e+04	1.529e+05	1.068e+05
							40.0	-4489.97	1.209e+04	2300.42	7.239e+04	2.032e+05	3.957e+05
105	46	2.098e+04	4.414e+05	3.10e-04	0.0	0.0	-7771.91	1119.76	5804.44	4.142e+04	2.137e+05	-4.204e+04	
		-4.204e+04	2.137e+05	7.20e-03		0.0	20.0	-7684.41	1119.76	5804.44	4.142e+04	3.275e+05	-1.053e+04
							40.0	-7596.91	1119.76	5804.44	4.142e+04	4.414e+05	2.098e+04
105	47	3.606e+04	-4.361e+04	-5.38e-03	0.0	0.0	-6726.90	-1406.45	-2978.54	-3.467e+04	-4.361e+04	3.606e+04	
		-4.084e+04	-1.480e+05	-1.89e-03		0.0	20.0	-6639.40	-1406.45	-2978.54	-3.467e+04	-9.581e+04	-2386.29
							40.0	-6551.90	-1406.45	-2978.54	-3.467e+04	-1.480e+05	-4.084e+04
105	53	9.263e+04	7.046e+04	-0.01	0.0	0.0	-8548.81	-6827.61	330.64	-3.510e+04	5.480e+04	9.263e+04	
		-2.402e+05	5.480e+04	0.01		0.0	20.0	-8461.31	-6827.61	330.64	-3.510e+04	6.263e+04	7.378e+04
							40.0	-8373.81	-6827.61	330.64	-3.510e+04	7.046e+04	-2.402e+05
105	56	2.203e+05	2.229e+05	8.77e-03	0.0	0.0	-5949.99	6540.92	2495.26	4.186e+04	1.153e+05	-9.861e+04	
		-9.861e+04	1.153e+05	-6.50e-03		0.0	20.0	-5862.49	6540.92	2495.26	4.186e+04	1.691e+05	6.086e+04
							40.0	-5774.99	6540.92	2495.26	4.186e+04	2.229e+05	2.203e+05
105	57	9.331e+04	1.229e+05	-0.01	0.0	0.0	-8668.12	-6696.36	1024.19	-3.255e+04	7.862e+04	9.331e+04	
		-2.342e+05	7.862e+04	0.01		0.0	20.0	-8580.62	-6696.36	1024.19	-3.255e+04	1.007e+05	-7.045e+04
							40.0	-8493.12	-6696.36	1024.19	-3.255e+04	1.229e+05	-2.342e+05
105	60	2.144e+05	1.705e+05	8.64e-03	0.0	0.0	-5830.68	6409.67	1801.71	3.931e+04	9.147e+04	-9.929e+04	
		-9.929e+04	9.147e+04	-7.61e-03		0.0	20.0	-5743.18	6409.67	1801.71	3.931e+04	1.310e+05	5.754e+04

						40.0	-5655.68	6409.67	1801.71	3.931e+04	1.705e+05	2.144e+05
105	69	-3296.26	1.418e+05	-2.38e-03	0.0	0.0	-6902.72	-168.12	1363.82	3182.13	8.228e+04	-3296.26
		-1.110e+04	8.228e+04	2.49e-03	0.0	20.0	-6815.22	-168.12	1363.82	3182.13	1.120e+05	-7197.38
						40.0	-6727.72	-168.12	1363.82	3182.13	1.418e+05	-1.110e+04
105	70	-2269.80	1.581e+05	-2.90e-03	0.0	0.0	-8058.32	-85.54	1527.60	3834.50	9.150e+04	-2269.80
		-7195.44	9.150e+04	3.04e-03	0.0	20.0	-7970.82	-85.54	1527.60	3834.50	1.248e+05	-4732.62
						40.0	-7883.32	-85.54	1527.60	3834.50	1.581e+05	-7195.44
105	71	-3296.26	1.418e+05	-2.38e-03	0.0	0.0	-6902.72	-168.12	1363.82	3182.13	8.228e+04	-3296.26
		-1.110e+04	8.228e+04	2.49e-03	0.0	20.0	-6815.22	-168.12	1363.82	3182.13	1.120e+05	-7197.38
						40.0	-6727.72	-168.12	1363.82	3182.13	1.418e+05	-1.110e+04
105	72	-2783.03	1.500e+05	-2.64e-03	0.0	0.0	-7480.52	-126.83	1445.71	3508.31	8.689e+04	-2783.03
		-9146.97	8.689e+04	2.77e-03	0.0	20.0	-7393.02	-126.83	1445.71	3508.31	1.184e+05	-5965.00
						40.0	-7305.52	-126.83	1445.71	3508.31	1.500e+05	-9146.97
105	73	-3296.26	1.418e+05	-2.38e-03	0.0	0.0	-6902.72	-168.12	1363.82	3182.13	8.228e+04	-3296.26
		-1.110e+04	8.228e+04	2.49e-03	0.0	20.0	-6815.22	-168.12	1363.82	3182.13	1.120e+05	-7197.38
						40.0	-6727.72	-168.12	1363.82	3182.13	1.418e+05	-1.110e+04
105	74	-2988.32	1.467e+05	-2.53e-03	0.0	0.0	-7249.40	-143.35	1412.95	3377.84	8.505e+04	-2988.32
		-9927.58	8.505e+04	2.66e-03	0.0	20.0	-7161.90	-143.35	1412.95	3377.84	1.159e+05	-6457.95
						40.0	-7074.40	-143.35	1412.95	3377.84	1.467e+05	-9927.58
106	2	2.331e+05	-2.314e+04	0.01	0.0	0.0	-1.569e+04	-1597.37	46.43	2415.27	-2.499e+04	2.331e+05
		1.740e+05	-2.499e+04	2.86e-03	0.0	20.0	-1.557e+04	-1597.37	46.43	2415.27	-2.407e+04	2.036e+05
						40.0	-1.546e+04	-1597.37	46.43	2415.27	-2.314e+04	1.740e+05
106	3	1.609e+05	-1.798e+04	8.09e-03	0.0	0.0	-1.034e+04	-1094.11	4.08	1635.72	-1.814e+04	1.609e+05
		1.205e+05	-1.814e+04	1.86e-03	0.0	20.0	-1.025e+04	-1094.11	4.08	1635.72	-1.806e+04	1.407e+05
						40.0	-1.017e+04	-1094.11	4.08	1635.72	-1.798e+04	1.205e+05
106	4	1.849e+05	-1.774e+04	9.68e-03	0.0	0.0	-1.258e+04	-1269.13	45.20	1924.55	-1.955e+04	1.849e+05
		1.379e+05	-1.955e+04	2.31e-03	0.0	20.0	-1.250e+04	-1269.13	45.20	1924.55	-1.865e+04	1.614e+05
						40.0	-1.241e+04	-1269.13	45.20	1924.55	-1.774e+04	1.379e+05
106	14	-5.212e+05	1.764e+05	-0.04	0.0	0.0	-1.008e+04	-963.06	4867.27	-9186.51	425.55	-5.212e+05
		-5.563e+05	425.55	3.68e-03	0.0	20.0	-9991.28	-963.06	4867.27	-9186.51	8.843e+04	-5.388e+05
						40.0	-9903.78	-963.06	4867.27	-9186.51	1.764e+05	-5.563e+05
106	15	8.526e+05	-3.727e+04	0.06	0.0	0.0	-1.150e+04	-1295.18	-4842.66	1.257e+04	-3.727e+04	8.526e+05
		8.042e+05	-2.123e+05	3.51e-04	0.0	20.0	-1.141e+04	-1295.18	-4842.66	1.257e+04	-1.248e+05	8.284e+05
						40.0	-1.132e+04	-1295.18	-4842.66	1.257e+04	-2.123e+05	8.042e+05
106	17	-5.063e+05	-2.203e+05	-0.04	0.0	0.0	-9908.00	-953.70	-1.591e+04	3.821e+04	-2.203e+05	-5.063e+05
		-5.415e+05	-8.351e+05	1.34e-03	0.0	20.0	-9820.50	-953.70	-1.591e+04	3.821e+04	-5.277e+05	-5.239e+05
						40.0	-9733.00	-953.70	-1.591e+04	3.821e+04	-8.351e+05	-5.415e+05
106	20	8.377e+05	7.992e+05	0.05	0.0	0.0	-1.167e+04	-1304.54	1.594e+04	-3.482e+04	1.834e+05	8.377e+05
		7.894e+05	1.834e+05	3.17e-03	0.0	20.0	-1.158e+04	-1304.54	1.594e+04	-3.482e+04	4.913e+05	8.136e+05
						40.0	-1.150e+04	-1304.54	1.594e+04	-3.482e+04	7.992e+05	7.894e+05
106	30	-1.615e+04	2.083e+06	-0.01	0.0	0.0	-1.088e+04	-1095.21	4.164e+04	-7.185e+04	4.842e+05	-1.615e+04
		-5.564e+04	4.842e+05	7.38e-03	0.0	20.0	-1.079e+04	-1095.21	4.164e+04	-7.185e+04	1.284e+06	-3.589e+04
						40.0	-1.071e+04	-1095.21	4.164e+04	-7.185e+04	2.083e+06	-5.564e+04
106	31	3.475e+05	-5.211e+05	0.03	0.0	0.0	-1.070e+04	-1163.03	-4.162e+04	7.524e+04	-5.211e+05	3.475e+05
		3.035e+05	-2.119e+06	-3.48e-03	0.0	20.0	-1.061e+04	-1163.03	-4.162e+04	7.524e+04	-1.320e+06	3.255e+05
						40.0	-1.052e+04	-1163.03	-4.162e+04	7.524e+04	-2.119e+06	3.035e+05
106	46	-2.304e+05	8.061e+04	-0.02	0.0	0.0	-1.038e+04	-1033.25	2467.61	-3550.61	-7805.38	-2.304e+05
		-2.684e+05	-7805.38	2.90e-03	0.0	20.0	-1.029e+04	-1033.25	2467.61	-3550.61	3.640e+04	-2.494e+05
						40.0	-1.020e+04	-1033.25	2467.61	-3550.61	8.061e+04	-2.684e+05
106	47	5.618e+05	-2.904e+04	0.04	0.0	0.0	-1.120e+04	-1224.98	-2443.00	6937.59	-2.904e+04	5.618e+05
		5.162e+05	-1.165e+05	1.00e-03	0.0	20.0	-1.112e+04	-1224.98	-2443.00	6937.59	-7.275e+04	5.390e+05
						40.0	-1.103e+04	-1224.98	-2443.00	6937.59	-1.165e+05	5.162e+05
106	49	-2.218e+05	-1.333e+05	-0.02	0.0	0.0	-1.029e+04	-1028.11	-8711.38	2.146e+04	-1.333e+05	-2.218e+05
		-2.598e+05	-4.697e+05	1.42e-03	0.0	20.0	-1.020e+04	-1028.11	-8711.38	2.146e+04	-3.015e+05	-2.408e+05
						40.0	-1.011e+04	-1028.11	-8711.38	2.146e+04	-4.697e+05	-2.598e+05
106	52	5.532e+05	4.339e+05	0.03	0.0	0.0	-1.129e+04	-1230.12	8735.99	-1.807e+04	9.647e+04	5.532e+05
		5.077e+05	9.647e+04	2.58e-03	0.0	20.0	-1.121e+04	-1230.12	8735.99	-1.807e+04	2.652e+05	5.305e+05
						40.0	-1.112e+04	-1230.12	8735.99	-1.807e+04	4.339e+05	5.077e+05
106	62	6.095e+04	1.131e+06	-3.98e-03	0.0	0.0	-1.083e+04	-1109.19	2.252e+04	-3.667e+04	2.669e+05	6.095e+04
		2.049e+04	2.669e+05	4.84e-03	0.0	20.0	-1.074e+04	-1109.19	2.252e+04	-3.667e+04	6.989e+04	4.072e+04
						40.0	-1.065e+04	-1109.19	2.252e+04	-3.667e+04	1.131e+06	2.049e+04
106	63	2.704e+05	-3.038e+05	0.02	0.0	0.0	-1.075e+04	-1149.05	-2.250e+04	4.006e+04	-3.038e+05	2.704e+05
		2.274e+05	-1.167e+06	-9.32e-04	0.0	20.0	-1.066e+04	-1149.05	-2.250e+04	4.006e+04	-7.352e+05	2.489e+05
						40.0	-1.058e+04	-1149.05	-2.250e+04	4.006e+04	-1.167e+06	2.274e+05
106	69	1.609e+05	-1.798e+04	8.09e-03	0.0	0.0	-1.034e+04	-1094.11	4.08	1635.72	-1.814e+04	1.609e+05
		1.205e+05	-1.814e+04	1.86e-03	0.0	20.0	-1.025e+04	-1094.11	4.08	1635.72	-1.806e+04	1.407e+05
						40.0	-1.017e+04	-1094.11	4.08	1635.72	-1.798e+04	1.205e+05
106	70	1.769e+05	-1.782e+04	9.15e-03	0.0	0.0	-1.184e+04	-1210.79	31.49	1828.27	-1.908e+04	1.769e+05
		1.321e+05	-1.908e+04	2.16e-03	0.0	20.0	-1.175e+04	-1210.79	31.49	1828.27	-1.845e+04	1.545e+05
						40.0	-1.166e+04	-1210.79	31.49	1828.27	-1.782e+04	1.321e+05
106	71	1.609e+05	-1.798e+04	8.09e-03	0.0	0.0	-1.034e+04	-1094.11	4.08	1635.72	-1.814e+04	1.609e+05
		1.205e+05	-1.814e+04	1.86e-03	0.0	20.0	-1.025e+04	-1094.11	4.08	1635.72	-1.806e+04	1.407e+05
						40.0	-1.017e+04	-1094.11	4.08	1635.72	-1.798e+04	1.205e+05
106	72	1.689e+05	-1.790e+04	8.62e-03	0.0	0.0	-1.109e+04	-1152.45	17.79	1732.00	-1.861e+04	1.689e+05
		1.263e+05	-1.861e+04	2.01e-03	0.0	20.0	-1.100e+04	-1152.45	17.79	1732.00	-1.825e+04	1.476e+05
						40.0	-1.091e+04	-1152.45	17.79	1732.00	-1.790e+04	1.263e+05
106	73	1.609e+05	-1.798e+04	8.09e-03	0.0	0.0	-1.034e+04	-1094.11	4.08	1635.72	-1.814e+04	1.609e+05

		1.205e+05-1.814e+04	1.86e-03	0.0	20.0	-1.025e+04	-1094.11	4.08	1635.72	-1.806e+04	1.407e+05
					40.0	-1.017e+04	-1094.11	4.08	1635.72	-1.798e+04	1.205e+05
106	74	1.657e+05-1.793e+04	8.41e-03	0.0	0.0	-1.079e+04	-1129.12	12.30	1693.49	-1.842e+04	1.657e+05
		1.239e+05-1.842e+04	1.95e-03	0.0	20.0	-1.070e+04	-1129.12	12.30	1693.49	-1.818e+04	1.448e+05
					40.0	-1.061e+04	-1129.12	12.30	1693.49	-1.793e+04	1.239e+05
107	2	2.195e+05 1.006e+05	0.01	0.0	0.0	-1.485e+04	-1407.14	1020.83	2103.78	5.974e+04	2.195e+05
		1.691e+05 5.974e+04	-3.97e-03	0.0	20.0	-1.473e+04	-1407.14	1020.83	2103.78	8.015e+04	1.943e+05
					40.0	-1.462e+04	-1407.14	1020.83	2103.78	1.006e+05	1.691e+05
107	3	1.521e+05 6.875e+04	6.95e-03	0.0	0.0	-9829.03	-966.27	706.70	1493.46	4.048e+04	1.521e+05
		1.175e+05 4.048e+04	-2.76e-03	0.0	20.0	-9741.53	-966.27	706.70	1493.46	5.462e+04	1.348e+05
					40.0	-9654.03	-966.27	706.70	1493.46	6.875e+04	1.175e+05
107	6	-6.454e+05 2.271e+05	-0.04	0.0	0.0	-9667.75	-945.86	2990.45	-5.163e+04	2.271e+05	-6.454e+05
		-6.836e+05 1.176e+05	2.51e-03	0.0	20.0	-9580.25	-945.86	2990.45	-5.163e+04	1.723e+05	-6.645e+05
					40.0	-9492.75	-945.86	2990.45	-5.163e+04	1.176e+05	-6.836e+05
107	7	9.582e+05 2.440e+04	0.05	0.0	0.0	-1.082e+04	-1047.07	-1536.21	5.468e+04	-1.433e+05	9.582e+05
		9.251e+05 -1.433e+05	-8.18e-03	0.0	20.0	-1.073e+04	-1047.07	-1536.21	5.468e+04	-5.945e+04	9.417e+05
					40.0	-1.064e+04	-1047.07	-1536.21	5.468e+04	2.440e+04	9.251e+05
107	29	-5.695e+04 -3.874e+05	-0.01	0.0	0.0	-9254.47	-874.84	-3.634e+04	8.080e+04	-3.874e+05	-5.695e+04
		-9.236e+04 -1.842e+06	-0.01	0.0	20.0	-9166.97	-874.84	-3.634e+04	8.080e+04	-1.115e+06	-7.466e+04
					40.0	-9079.47	-874.84	-3.634e+04	8.080e+04	-1.842e+06	-9.236e+04
107	32	3.698e+05 1.984e+06	0.02	0.0	0.0	-1.123e+04	-1118.10	3.780e+04	-7.775e+04	4.712e+05	3.698e+05
		3.339e+05 4.712e+05	8.12e-03	0.0	20.0	-1.114e+04	-1118.10	3.780e+04	-7.775e+04	1.228e+06	3.518e+05
					40.0	-1.106e+04	-1118.10	3.780e+04	-7.775e+04	1.984e+06	3.339e+05
107	38	-3.048e+05 1.477e+05	-0.02	0.0	0.0	-9908.28	-966.00	1789.94	-2.815e+04	1.477e+05	-3.048e+05
		-3.420e+05 8.895e+04	1.61e-04	0.0	20.0	-9820.78	-966.00	1789.94	-2.815e+04	1.183e+05	-3.234e+05
					40.0	-9733.28	-966.00	1789.94	-2.815e+04	8.895e+04	-3.420e+05
107	39	6.177e+05 5.303e+04	0.03	0.0	0.0	-1.058e+04	-1026.93	-335.70	3.120e+04	-6.388e+04	6.177e+05
		5.835e+05 -6.388e+04	-5.83e-03	0.0	20.0	-1.049e+04	-1026.93	-335.70	3.120e+04	-5422.27	6.006e+05
					40.0	-1.040e+04	-1026.93	-335.70	3.120e+04	5.303e+04	5.835e+05
107	41	-2.945e+05 2.365e+04	-0.02	0.0	0.0	-9689.13	-936.47	-8226.67	-2134.52	2.365e+04	-2.945e+05
		-3.312e+05 -4.150e+05	-3.16e-03	0.0	20.0	-9601.63	-936.47	-8226.67	-2134.52	-1.957e+05	-3.129e+05
					40.0	-9514.13	-936.47	-8226.67	-2134.52	-4.150e+05	-3.312e+05
107	44	6.073e+05 5.570e+05	0.04	0.0	0.0	-1.080e+04	-1056.46	9680.92	5186.34	6.016e+04	6.073e+05
		5.727e+05 6.016e+04	-2.51e-03	0.0	20.0	-1.071e+04	-1056.46	9680.92	5186.34	3.086e+05	5.900e+05
					40.0	-1.062e+04	-1056.46	9680.92	5186.34	5.570e+05	5.727e+05
107	61	3.368e+04 -2.014e+05	-2.61e-03	0.0	0.0	-9706.38	-930.88	-1.931e+04	4.287e+04	-2.014e+05	3.368e+04
		-1937.29 -9.759e+05	-8.65e-03	0.0	20.0	-9618.88	-930.88	-1.931e+04	4.287e+04	-5.886e+05	1.587e+04
					40.0	-9531.38	-930.88	-1.931e+04	4.287e+04	-9.759e+05	-1937.29
107	64	2.791e+05 1.118e+06	0.02	0.0	0.0	-1.078e+04	-1062.05	2.077e+04	-3.981e+04	2.852e+05	2.791e+05
		2.434e+05 2.852e+05	2.98e-03	0.0	20.0	-1.069e+04	-1062.05	2.077e+04	-3.981e+04	7.015e+05	2.613e+05
					40.0	-1.060e+04	-1062.05	2.077e+04	-3.981e+04	1.118e+06	2.434e+05
107	69	1.521e+05 6.875e+04	6.95e-03	0.0	0.0	-9829.03	-966.27	706.70	1493.46	4.048e+04	1.521e+05
		1.175e+05 4.048e+04	-2.76e-03	0.0	20.0	-9741.53	-966.27	706.70	1493.46	5.462e+04	1.348e+05
					40.0	-9654.03	-966.27	706.70	1493.46	6.875e+04	1.175e+05
107	70	1.666e+05 7.621e+04	7.90e-03	0.0	0.0	-1.121e+04	-1066.93	774.78	1601.65	4.522e+04	1.666e+05
		1.284e+05 4.522e+04	-3.02e-03	0.0	20.0	-1.112e+04	-1066.93	774.78	1601.65	6.072e+04	1.475e+05
					40.0	-1.103e+04	-1066.93	774.78	1601.65	7.621e+04	1.284e+05
107	71	1.521e+05 6.875e+04	6.95e-03	0.0	0.0	-9829.03	-966.27	706.70	1493.46	4.048e+04	1.521e+05
		1.175e+05 4.048e+04	-2.76e-03	0.0	20.0	-9741.53	-966.27	706.70	1493.46	5.462e+04	1.348e+05
					40.0	-9654.03	-966.27	706.70	1493.46	6.875e+04	1.175e+05
107	72	1.593e+05 7.248e+04	7.43e-03	0.0	0.0	-1.052e+04	-1016.60	740.74	1547.55	4.285e+04	1.593e+05
		1.229e+05 4.285e+04	-2.89e-03	0.0	20.0	-1.043e+04	-1016.60	740.74	1547.55	5.767e+04	1.411e+05
					40.0	-1.034e+04	-1016.60	740.74	1547.55	7.248e+04	1.229e+05
107	73	1.521e+05 6.875e+04	6.95e-03	0.0	0.0	-9829.03	-966.27	706.70	1493.46	4.048e+04	1.521e+05
		1.175e+05 4.048e+04	-2.76e-03	0.0	20.0	-9741.53	-966.27	706.70	1493.46	5.462e+04	1.348e+05
					40.0	-9654.03	-966.27	706.70	1493.46	6.875e+04	1.175e+05
107	74	1.564e+05 7.099e+04	7.24e-03	0.0	0.0	-1.024e+04	-996.47	727.12	1525.91	4.191e+04	1.564e+05
		1.207e+05 4.191e+04	-2.83e-03	0.0	20.0	-1.016e+04	-996.47	727.12	1525.91	5.645e+04	1.386e+05
					40.0	-1.007e+04	-996.47	727.12	1525.91	7.099e+04	1.207e+05
108	2	9.225e+04 -5439.82	-0.04	0.0	0.0	-4.574e+04	61.33	14.59	-1301.02	-1.200e+04	9.465e+04
		6.465e+04 -1.200e+04	4.74e-03	0.0	225.0	-4.463e+04	61.33	14.59	-1301.02	-8722.09	7.845e+04
					450.0	-4.352e+04	61.33	14.59	-1301.02	-5439.82	9.225e+04
108	3	6.231e+04 -2687.29	-0.03	0.0	0.0	-3.078e+04	40.99	13.19	-966.82	-8624.30	4.386e+04
		4.386e+04 -8624.30	2.83e-03	0.0	225.0	-2.992e+04	40.99	13.19	-966.82	-5655.80	5.309e+04
					450.0	-2.907e+04	40.99	13.19	-966.82	-2687.29	6.231e+04
108	13	2.247e+06 1.493e+05	-1.58	0.0	0.0	-3.292e+04	1.009e+04	1136.23	1.080e+05	-3.655e+05	-2.293e+06
		-2.293e+06 -3.655e+05	-0.78	0.0	225.0	-3.206e+04	1.009e+04	1136.23	1.080e+05	-1.081e+05	-2.304e+04
					450.0	-3.121e+04	1.009e+04	1136.23	1.080e+05	1.493e+05	2.247e+06
108	14	2.296e+06 1.384e+05	-1.62	0.0	0.0	-3.289e+04	1.031e+04	-389.51	-8.573e+04	1.384e+05	-2.345e+06
		-2.345e+06 -3.972e+04	0.50	0.0	225.0	-3.203e+04	1.031e+04	-389.51	-8.573e+04	4.933e+04	-2.472e+04
					450.0	-3.118e+04	1.031e+04	-389.51	-8.573e+04	-3.972e+04	2.296e+06
108	15	2.436e+06 3.357e+04	1.61	0.0	0.0	-3.096e+04	1.023e+04	414.87	8.378e+04	-1.559e+05	2.436e+06
		-2.167e+06 -1.559e+05	-0.50	0.0	225.0	-3.010e+04	1.023e+04	414.87	8.378e+04	-6.119e+04	1.347e+05
					450.0	-2.925e+04	1.023e+04	414.87	8.378e+04	3.357e+04	2.167e+06
108	16	2.383e+06 3.479e+05	1.57	0.0	0.0	-3.093e+04	-1.000e+04	-1110.87	-1.100e+05	3.479e+05	2.383e+06
		-2.118e+06 -1.554e+05	0.78	0.0	225.0	-3.007e+04	-1.000e+04	-1110.87	-1.100e+05	9.625e+04	1.330e+05
					450.0	-2.922e+04	-1.000e+04	-1110.87	-1.100e+05	-1.554e+05	-2.118e+06

108	29	5.248e+05	4.441e+05	-0.33	0.0	0.0	-3.221e+04	2162.29	3519.15	3.516e+05	-1.141e+06	-4.483e+05
		-4.483e+05	-1.141e+06	-2.55	0.0	225.0	-3.135e+04	2162.29	3519.15	3.516e+05	-3.484e+05	3.824e+04
						450.0	-3.050e+04	2162.29	3519.15	3.516e+05	4.441e+05	5.248e+05
108	32	5.391e+05	1.123e+06	0.32	0.0	0.0	-3.164e+04	-2077.10	-3493.78	-3.535e+05	1.123e+06	5.391e+05
		-3.956e+05	-4.502e+05	2.55	0.0	225.0	-3.079e+04	-2077.10	-3493.78	-3.535e+05	3.365e+05	7.170e+04
						450.0	-2.993e+04	-2077.10	-3493.78	-3.535e+05	-4.502e+05	-3.956e+05
108	45	1.323e+06	8.172e+04	-0.92	0.0	0.0	-3.250e+04	5835.35	628.62	5.673e+04	-2.032e+05	-1.303e+06
		-1.303e+06	-2.032e+05	-0.42	0.0	225.0	-3.164e+04	5835.35	628.62	5.673e+04	-6.073e+04	9981.44
						450.0	-3.079e+04	5835.35	628.62	5.673e+04	8.172e+04	1.323e+06
108	46	1.351e+06	6.648e+04	-0.94	0.0	0.0	-3.248e+04	5965.41	-192.90	-4.546e+04	6.648e+04	-1.333e+06
		-1.333e+06	-2.198e+04	0.26	0.0	225.0	-3.162e+04	5965.41	-192.90	-4.546e+04	2.225e+04	9018.03
						450.0	-3.077e+04	5965.41	-192.90	-4.546e+04	-2.198e+04	1.351e+06
108	47	1.424e+06	1.583e+04	0.93	0.0	0.0	-3.137e+04	-5880.21	218.26	4.351e+04	-8.405e+04	1.424e+06
		-1.222e+06	-8.405e+04	-0.26	0.0	225.0	-3.051e+04	-5880.21	218.26	4.351e+04	-3.411e+04	1.009e+05
						450.0	-2.966e+04	-5880.21	218.26	4.351e+04	1.583e+04	-1.222e+06
108	48	1.394e+06	1.856e+05	0.90	0.0	0.0	-3.135e+04	-5750.15	-603.26	-5.869e+04	1.856e+05	1.394e+06
		-1.194e+06	-8.787e+04	0.42	0.0	225.0	-3.049e+04	-5750.15	-603.26	-5.869e+04	4.887e+04	9.996e+04
						450.0	-2.964e+04	-5750.15	-603.26	-5.869e+04	-8.787e+04	-1.194e+06
108	61	3.293e+05	2.353e+05	-0.19	0.0	0.0	-3.209e+04	1262.11	1875.84	1.861e+05	-6.096e+05	-2.386e+05
		-2.386e+05	-6.096e+05	-1.35	0.0	225.0	-3.123e+04	1262.11	1875.84	1.861e+05	-1.871e+05	4.535e+04
						450.0	-3.037e+04	1262.11	1875.84	1.861e+05	2.353e+05	3.293e+05
108	64	3.294e+05	5.920e+05	0.18	0.0	0.0	-3.176e+04	-1176.91	-1850.48	-1.881e+05	5.920e+05	3.294e+05
		-2.002e+05	-2.415e+05	1.35	0.0	225.0	-3.091e+04	-1176.91	-1850.48	-1.881e+05	1.753e+05	6.460e+04
						450.0	-3.005e+04	-1176.91	-1850.48	-1.881e+05	-2.415e+05	-2.002e+05
108	69	6.231e+04	-2687.29	-0.03	0.0	0.0	-3.078e+04	40.99	13.19	-966.82	-8624.30	4.386e+04
		4.386e+04	-8624.30	2.83e-03	0.0	225.0	-2.992e+04	40.99	13.19	-966.82	-5655.80	5.309e+04
						450.0	-2.907e+04	40.99	13.19	-966.82	-2687.29	6.231e+04
108	70	6.981e+04	-3984.85	-0.03	0.0	0.0	-3.460e+04	46.35	11.48	-996.25	-9152.82	4.895e+04
		4.895e+04	-9152.82	3.54e-03	0.0	225.0	-3.374e+04	46.35	11.48	-996.25	-6568.84	5.938e+04
						450.0	-3.289e+04	46.35	11.48	-996.25	-3984.85	6.981e+04
108	71	6.231e+04	-2687.29	-0.03	0.0	0.0	-3.078e+04	40.99	13.19	-966.82	-8624.30	4.386e+04
		4.386e+04	-8624.30	2.83e-03	0.0	225.0	-2.992e+04	40.99	13.19	-966.82	-5655.80	5.309e+04
						450.0	-2.907e+04	40.99	13.19	-966.82	-2687.29	6.231e+04
108	72	6.606e+04	-3336.07	-0.03	0.0	0.0	-3.269e+04	43.67	12.34	-981.54	-8888.56	4.640e+04
		4.640e+04	-8888.56	3.18e-03	0.0	225.0	-3.183e+04	43.67	12.34	-981.54	-6112.32	5.623e+04
						450.0	-3.098e+04	43.67	12.34	-981.54	-3336.07	6.606e+04
108	73	6.231e+04	-2687.29	-0.03	0.0	0.0	-3.078e+04	40.99	13.19	-966.82	-8624.30	4.386e+04
		4.386e+04	-8624.30	2.83e-03	0.0	225.0	-2.992e+04	40.99	13.19	-966.82	-5655.80	5.309e+04
						450.0	-2.907e+04	40.99	13.19	-966.82	-2687.29	6.231e+04
108	74	6.456e+04	-3076.56	-0.03	0.0	0.0	-3.192e+04	42.60	12.68	-975.65	-8624.30	4.386e+04
		4.539e+04	-8782.86	3.04e-03	0.0	225.0	-3.107e+04	42.60	12.68	-975.65	-5929.71	5.497e+04
						450.0	-3.021e+04	42.60	12.68	-975.65	-3076.56	6.456e+04
109	2	1.184e+05	1.692e+04	-0.03	0.0	0.0	-4.348e+04	-237.99	-32.90	-1466.54	1.692e+04	1.184e+05
		1.127e+04	2108.46	-3.28e-03	0.0	225.0	-4.237e+04	-237.99	-32.90	-1466.54	9511.85	6.482e+04
						450.0	-4.126e+04	-237.99	-32.90	-1466.54	2108.46	1.127e+04
109	3	7.945e+04	1.122e+04	-0.02	0.0	0.0	-2.929e+04	-157.30	-21.41	-1064.84	1.122e+04	7.945e+04
		8672.05	1586.46	-2.46e-03	0.0	225.0	-2.843e+04	-157.30	-21.41	-1064.84	6403.21	4.406e+04
						450.0	-2.758e+04	-157.30	-21.41	-1064.84	1586.46	8672.05
109	4	9.453e+04	1.355e+04	-0.02	0.0	0.0	-3.470e+04	-190.80	-26.48	-1147.09	1.355e+04	9.453e+04
		8669.95	1632.52	-2.54e-03	0.0	225.0	-3.384e+04	-190.80	-26.48	-1147.09	7590.89	5.160e+04
						450.0	-3.299e+04	-190.80	-26.48	-1147.09	1632.52	8669.95
109	6	2.462e+06	4.782e+04	-1.78	0.0	0.0	-3.141e+04	1.112e+04	-33.86	-7.756e+04	4.782e+04	-2.543e+06
		-2.543e+06	2.935e+04	0.36	0.0	225.0	-3.055e+04	1.112e+04	-33.86	-7.756e+04	3.858e+04	-4.051e+04
						450.0	-2.970e+04	1.112e+04	-33.86	-7.756e+04	2.935e+04	2.462e+06
109	7	2.708e+06	-2.445e+04	1.77	0.0	0.0	-2.933e+04	-1.145e+04	-10.99	7.540e+04	-2.445e+04	2.708e+06
		-2.445e+06	-2.616e+04	-0.36	0.0	225.0	-2.848e+04	-1.145e+04	-10.99	7.540e+04	-2.530e+04	1.317e+05
						450.0	-2.762e+04	-1.145e+04	-10.99	7.540e+04	-2.616e+04	-2.445e+06
109	29	6.602e+05	4.381e+05	-0.59	0.0	0.0	-3.061e+04	2830.83	3385.67	3.538e+05	-1.087e+06	-6.136e+05
		-6.136e+05	-1.087e+06	-2.55	0.0	225.0	-2.975e+04	2830.83	3385.67	3.538e+05	-3.245e+05	2.333e+04
						450.0	-2.890e+04	2830.83	3385.67	3.538e+05	4.381e+05	6.602e+05
109	32	7.785e+05	1.110e+06	0.58	0.0	0.0	-3.013e+04	-3158.82	-3430.52	-3.559e+05	1.110e+06	7.785e+05
		-6.429e+05	-4.349e+05	2.55	0.0	225.0	-2.928e+04	-3158.82	-3430.52	-3.559e+05	3.377e+05	6.781e+04
						450.0	-2.842e+04	-3158.82	-3430.52	-3.559e+05	-4.349e+05	-6.429e+05
109	38	1.420e+06	2.610e+04	-1.02	0.0	0.0	-3.097e+04	6329.05	-13.63	-4.088e+04	2.610e+04	-1.428e+06
		-1.428e+06	1.808e+04	0.18	0.0	225.0	-3.011e+04	6329.05	-13.63	-4.088e+04	2.209e+04	-3943.33
						450.0	-2.926e+04	6329.05	-13.63	-4.088e+04	1.808e+04	1.420e+06
109	39	1.593e+06	-2727.28	1.02	0.0	0.0	-2.977e+04	-6657.04	-31.21	3.872e+04	-2727.28	1.593e+06
		-1.403e+06	-1.488e+04	-0.18	0.0	225.0	-2.892e+04	-6657.04	-31.21	3.872e+04	-8805.71	9.508e+04
						450.0	-2.806e+04	-6657.04	-31.21	3.872e+04	-1.488e+04	-1.403e+06
109	61	3.833e+05	2.341e+05	-0.34	0.0	0.0	-3.051e+04	1557.88	1786.83	1.872e+05	-5.708e+05	-3.177e+05
		-3.177e+05	-5.708e+05	-1.35	0.0	225.0	-2.965e+04	1557.88	1786.83	1.872e+05	-1.683e+05	3.277e+04
						450.0	-2.880e+04	1557.88	1786.83	1.872e+05	2.341e+05	3.833e+05
109	64	4.827e+05	5.942e+05	0.33	0.0	0.0	-3.023e+04	-1885.87	-1831.68	-1.893e+05	5.942e+05	4.827e+05
		-3.659e+05	-2.310e+05	1.35	0.0	225.0	-2.938e+04	-1885.87	-1831.68	-1.893e+05	1.816e+05	5.837e+04
						450.0	-2.852e+04	-1885.87	-1831.68	-1.893e+05	-2.310e+05	-3.659e+05
109	69	7.945e+04	1.122e+04	-0.02	0.0	0.0	-2.929e+04	-157.30	-21.41	-1064.84	1.122e+04	7.945e+04
		8672.05	1586.46	-2.46e-03	0.0	225.0	-2.843e+04	-157.30	-21.41	-1064.84	6403.21	4.406e+04

						450.0	-2.758e+04	-157.30	-21.41	-1064.84	1586.46	8672.05
109	70	8.950e+04	1.277e+04	-0.02	0.0	0.0	-3.289e+04	-179.63	-24.79	-1119.67	1.277e+04	8.950e+04
		8670.65	1617.16	-2.51e-03	0.0	225.0	-3.204e+04	-179.63	-24.79	-1119.67	7194.99	4.909e+04
						450.0	-3.118e+04	-179.63	-24.79	-1119.67	1617.16	8670.65
109	71	7.945e+04	1.122e+04	-0.02	0.0	0.0	-2.929e+04	-157.30	-21.41	-1064.84	1.122e+04	7.945e+04
		8672.05	1586.46	-2.46e-03	0.0	225.0	-2.843e+04	-157.30	-21.41	-1064.84	6403.21	4.406e+04
						450.0	-2.758e+04	-157.30	-21.41	-1064.84	1586.46	8672.05
109	72	8.448e+04	1.200e+04	-0.02	0.0	0.0	-3.109e+04	-168.46	-23.10	-1092.26	1.200e+04	8.448e+04
		8671.35	1601.81	-2.49e-03	0.0	225.0	-3.024e+04	-168.46	-23.10	-1092.26	6799.10	4.658e+04
						450.0	-2.938e+04	-168.46	-23.10	-1092.26	1601.81	8671.35
109	73	7.945e+04	1.122e+04	-0.02	0.0	0.0	-2.929e+04	-157.30	-21.41	-1064.84	1.122e+04	7.945e+04
		8672.05	1586.46	-2.46e-03	0.0	225.0	-2.843e+04	-157.30	-21.41	-1064.84	6403.21	4.406e+04
						450.0	-2.758e+04	-157.30	-21.41	-1064.84	1586.46	8672.05
109	74	8.247e+04	1.169e+04	-0.02	0.0	0.0	-3.037e+04	-164.00	-22.42	-1081.29	1.169e+04	8.247e+04
		8671.63	1595.67	-2.48e-03	0.0	225.0	-2.951e+04	-164.00	-22.42	-1081.29	6640.74	4.557e+04
						450.0	-2.866e+04	-164.00	-22.42	-1081.29	1595.67	8671.63
110	2	6.696e+04	5100.61	-6.85e-03	0.0	0.0	-3.707e+04	332.48	-27.09	-1604.59	5100.61	-8.266e+04
		-8.266e+04	-7090.92	0.02	0.0	225.0	-3.596e+04	332.48	-27.09	-1604.59	-995.16	-7847.82
						450.0	-3.484e+04	332.48	-27.09	-1604.59	-7090.92	6.696e+04
110	3	4.341e+04	3836.67	-4.63e-03	0.0	0.0	-2.500e+04	218.00	-19.39	-1215.69	3836.67	-5.469e+04
		-5.469e+04	-4887.84	0.01	0.0	225.0	-2.414e+04	218.00	-19.39	-1215.69	-525.59	-5639.74
						450.0	-2.329e+04	218.00	-19.39	-1215.69	-4887.84	4.341e+04
110	13	2.194e+06	1.742e+05	-1.58	0.0	0.0	-2.588e+04	1.018e+04	1432.56	7.873e+04	-4.722e+05	-2.389e+06
		-2.389e+06	-4.722e+05	-1.15	0.0	225.0	-2.502e+04	1.018e+04	1432.56	7.873e+04	-1.490e+05	-9.756e+04
						450.0	-2.417e+04	1.018e+04	1432.56	7.873e+04	1.742e+05	2.194e+06
110	14	2.242e+06	3.542e+05	-1.62	0.0	0.0	-2.588e+04	1.041e+04	-1054.43	-3.844e+04	3.542e+05	-2.441e+06
		-2.441e+06	-1.194e+05	0.93	0.0	225.0	-2.503e+04	1.041e+04	-1054.43	-3.844e+04	1.174e+05	-9.963e+04
						450.0	-2.417e+04	1.041e+04	-1054.43	-3.844e+04	-1.194e+05	2.242e+06
110	15	2.327e+06	1.094e+05	1.61	0.0	0.0	-2.594e+04	-9952.05	1014.90	3.600e+04	-3.465e+05	2.327e+06
		-2.151e+06	-3.465e+05	-0.91	0.0	225.0	-2.509e+04	-9952.05	1014.90	3.600e+04	-1.185e+05	8.814e+04
						450.0	-2.423e+04	-9952.05	1014.90	3.600e+04	1.094e+05	-2.151e+06
110	16	2.275e+06	4.800e+05	1.57	0.0	0.0	-2.595e+04	-9729.32	-1472.09	-8.117e+04	4.800e+05	2.275e+06
		-2.103e+06	-1.843e+05	1.17	0.0	225.0	-2.509e+04	-9729.32	-1472.09	-8.117e+04	1.478e+05	8.607e+04
						450.0	-2.424e+04	-9729.32	-1472.09	-8.117e+04	-1.843e+05	-2.103e+06
110	29	4.995e+05	6.240e+05	-0.33	0.0	0.0	-2.590e+04	2331.36	4904.05	9.493e+04	-1.589e+06	-5.496e+05
		-5.496e+05	-1.589e+06	-3.73	0.0	225.0	-2.504e+04	2331.36	4904.05	9.493e+04	-8.25e+05	-2.508e+04
						450.0	-2.419e+04	2331.36	4904.05	9.493e+04	6.240e+05	4.995e+05
110	32	4.356e+05	1.597e+06	0.32	0.0	0.0	-2.593e+04	-1875.73	-4943.58	-9.737e+04	1.597e+06	4.356e+05
		-4.084e+05	-6.341e+05	3.75	0.0	225.0	-2.507e+04	-1875.73	-4943.58	-9.737e+04	4.813e+05	1.359e+04
						450.0	-2.422e+04	-1875.73	-4943.58	-9.737e+04	-6.341e+05	-4.084e+05
110	45	1.285e+06	9.054e+04	-0.91	0.0	0.0	-2.589e+04	5970.05	751.17	4.240e+04	-2.485e+05	-1.402e+06
		-1.402e+06	-2.485e+05	-0.60	0.0	225.0	-2.504e+04	5970.05	751.17	4.240e+04	-7.900e+04	-5.869e+04
						450.0	-2.418e+04	5970.05	751.17	4.240e+04	9.054e+04	1.285e+06
110	46	1.312e+06	1.872e+05	-0.93	0.0	0.0	-2.590e+04	6098.19	-560.77	-2.072e+04	1.872e+05	-1.432e+06
		-1.432e+06	-6.463e+04	0.50	0.0	225.0	-2.504e+04	6098.19	-560.77	-2.072e+04	6.130e+04	-5.988e+04
						450.0	-2.419e+04	6098.19	-560.77	-2.072e+04	-6.463e+04	1.312e+06
110	47	1.318e+06	5.456e+04	0.93	0.0	0.0	-2.593e+04	-5642.56	521.24	1.828e+04	-1.795e+05	1.318e+06
		-1.221e+06	-1.795e+05	-0.47	0.0	225.0	-2.507e+04	-5642.56	521.24	1.828e+04	-6.248e+04	-5.456e+04
						450.0	-2.422e+04	-5642.56	521.24	1.828e+04	5.456e+04	-1.221e+06
110	48	1.288e+06	2.563e+05	0.90	0.0	0.0	-2.593e+04	-5514.42	-790.70	-4.484e+04	2.563e+05	1.288e+06
		-1.194e+06	-1.006e+05	0.63	0.0	225.0	-2.508e+04	-5514.42	-790.70	-4.484e+04	7.783e+04	4.721e+04
						450.0	-2.422e+04	-5514.42	-790.70	-4.484e+04	-1.006e+05	-1.194e+06
110	61	3.067e+05	3.306e+05	-0.19	0.0	0.0	-2.590e+04	1438.05	2591.44	4.944e+04	-8.393e+05	-3.404e+05
		-3.404e+05	-8.393e+05	-1.96	0.0	225.0	-2.505e+04	1438.05	2591.44	4.944e+04	-2.543e+05	-1.687e+04
						450.0	-2.419e+04	1438.05	2591.44	4.944e+04	3.306e+05	3.067e+05
110	64	2.264e+05	8.470e+05	0.18	0.0	0.0	-2.592e+04	-982.42	-2630.97	-5.188e+04	8.470e+05	2.264e+05
		-2.157e+05	-3.407e+05	1.99	0.0	225.0	-2.507e+04	-982.42	-2630.97	-5.188e+04	2.531e+05	5379.87
						450.0	-2.421e+04	-982.42	-2630.97	-5.188e+04	-3.407e+05	-2.157e+05
110	69	4.341e+04	3836.67	-4.63e-03	0.0	0.0	-2.500e+04	218.00	-19.39	-1215.69	3836.67	-5.469e+04
		-5.469e+04	-4887.84	0.01	0.0	225.0	-2.414e+04	218.00	-19.39	-1215.69	-525.59	-5639.74
						450.0	-2.329e+04	218.00	-19.39	-1215.69	-4887.84	4.341e+04
110	70	5.043e+04	3911.96	-5.18e-03	0.0	0.0	-2.805e+04	250.72	-20.65	-1231.82	3911.96	-6.240e+04
		-6.240e+04	-5378.99	0.01	0.0	225.0	-2.719e+04	250.72	-20.65	-1231.82	-733.52	-5983.85
						450.0	-2.633e+04	250.72	-20.65	-1231.82	-5378.99	5.043e+04
110	71	4.341e+04	3836.67	-4.63e-03	0.0	0.0	-2.500e+04	218.00	-19.39	-1215.69	3836.67	-5.469e+04
		-5.469e+04	-4887.84	0.01	0.0	225.0	-2.414e+04	218.00	-19.39	-1215.69	-525.59	-5639.74
						450.0	-2.329e+04	218.00	-19.39	-1215.69	-4887.84	4.341e+04
110	72	4.692e+04	3874.31	-4.91e-03	0.0	0.0	-2.652e+04	234.36	-20.02	-1223.76	3874.31	-5.854e+04
		-5.854e+04	-5133.42	0.01	0.0	225.0	-2.567e+04	234.36	-20.02	-1223.76	-629.55	-5811.79
						450.0	-2.481e+04	234.36	-20.02	-1223.76	-5133.42	4.692e+04
110	73	4.341e+04	3836.67	-4.63e-03	0.0	0.0	-2.500e+04	218.00	-19.39	-1215.69	3836.67	-5.469e+04
		-5.469e+04	-4887.84	0.01	0.0	225.0	-2.414e+04	218.00	-19.39	-1215.69	-525.59	-5639.74
						450.0	-2.329e+04	218.00	-19.39	-1215.69	-4887.84	4.341e+04
110	74	4.552e+04	3859.26	-4.80e-03	0.0	0.0	-2.591e+04	227.82	-19.77	-1220.53	3859.26	-5.700e+04
		-5.700e+04	-5035.19	0.01	0.0	225.0	-2.506e+04	227.82	-19.77	-1220.53	-587.97	-5742.97
						450.0	-2.420e+04	227.82	-19.77	-1220.53	-5035.19	4.552e+04
111	2	-6796.37	1.929e+04	5.24e-03	0.0	0.0	-4.061e+04	-40.96	-52.14	-1570.56	1.929e+04	-6796.37

		-2.523e+04	-4171.40	0.02	0.0	225.0	-3.950e+04	-40.96	-52.14	-1570.56	7559.49	-1.601e+04
						450.0	-3.838e+04	-40.96	-52.14	-1570.56	-4171.40	-2.523e+04
111	3	-4963.31	1.349e+04	3.52e-03	0.0	0.0	-2.732e+04	-26.33	-36.76	-1192.30	1.349e+04	-4963.31
		-1.681e+04	-3049.35	0.01	0.0	225.0	-2.646e+04	-26.33	-36.76	-1192.30	5220.86	-1.089e+04
						450.0	-2.561e+04	-26.33	-36.76	-1192.30	-3049.35	-1.681e+04
111	6	2.399e+06	3.019e+05	-1.78	0.0	0.0	-2.826e+04	1.117e+04	-844.15	-1.107e+05	3.019e+05	-2.629e+06
		-2.629e+06	-7.807e+04	0.88	0.0	225.0	-2.741e+04	1.117e+04	-844.15	-1.107e+05	1.119e+05	-1.149e+05
						450.0	-2.655e+04	1.117e+04	-844.15	-1.107e+05	-7.807e+04	2.399e+06
111	7	2.619e+06	7.189e+04	1.77	0.0	0.0	-2.841e+04	-1.123e+04	768.90	1.083e+05	-2.742e+05	2.619e+06
		-2.434e+06	-2.742e+05	-0.86	0.0	225.0	-2.756e+04	-1.123e+04	768.90	1.083e+05	-1.012e+05	9.241e+04
						450.0	-2.670e+04	-1.123e+04	768.90	1.083e+05	7.189e+04	-2.434e+06
111	10	2.348e+06	3.550e+05	-1.78	0.0	0.0	-2.826e+04	1.093e+04	-1038.57	-8.571e+04	3.550e+05	-2.573e+06
		-2.573e+06	-1.137e+05	0.95	0.0	225.0	-2.741e+04	1.093e+04	-1038.57	-8.571e+04	1.207e+05	-1.127e+05
						450.0	-2.655e+04	1.093e+04	-1038.57	-8.571e+04	-1.137e+05	2.348e+06
111	11	2.563e+06	1.075e+05	1.77	0.0	0.0	-2.841e+04	-1.099e+04	963.32	8.332e+04	-3.274e+05	2.563e+06
		-2.383e+06	-3.274e+05	-0.92	0.0	225.0	-2.756e+04	-1.099e+04	963.32	8.332e+04	-1.099e+05	9.021e+04
						450.0	-2.670e+04	-1.099e+04	963.32	8.332e+04	1.075e+05	-2.383e+06
111	29	7.769e+05	6.268e+05	-0.46	0.0	0.0	-2.834e+04	3653.60	4875.88	9.507e+04	-1.573e+06	-8.672e+05
		-8.672e+05	-1.573e+06	-3.73	0.0	225.0	-2.749e+04	3653.60	4875.88	9.507e+04	-4.731e+05	-4.516e+04
						450.0	-2.663e+04	3653.60	4875.88	9.507e+04	6.268e+05	7.769e+05
111	32	8.572e+05	1.601e+06	0.46	0.0	0.0	-2.833e+04	-3708.95	-4951.13	-9.747e+04	1.601e+06	8.572e+05
		-8.119e+05	-6.330e+05	3.76	0.0	225.0	-2.748e+04	-3708.95	-4951.13	-9.747e+04	4.839e+05	2.264e+04
						450.0	-2.662e+04	-3708.95	-4951.13	-9.747e+04	-6.330e+05	-8.119e+05
111	38	1.373e+06	1.630e+05	-1.02	0.0	0.0	-2.830e+04	6416.34	-453.34	-6.116e+04	1.630e+05	-1.515e+06
		-1.515e+06	-4.115e+04	0.47	0.0	225.0	-2.744e+04	6416.34	-453.34	-6.116e+04	6.090e+04	-7.090e+04
						450.0	-2.659e+04	6416.34	-453.34	-6.116e+04	-4.115e+04	1.373e+06
111	39	1.505e+06	3.497e+04	1.02	0.0	0.0	-2.838e+04	-6471.70	378.09	5.877e+04	-1.353e+05	1.505e+06
		-1.408e+06	-1.353e+05	-0.44	0.0	225.0	-2.753e+04	-6471.70	378.09	5.877e+04	-5.015e+04	4.838e+04
						450.0	-2.667e+04	-6471.70	378.09	5.877e+04	3.497e+04	-1.408e+06
111	42	1.343e+06	1.917e+05	-1.02	0.0	0.0	-2.830e+04	6278.29	-559.18	-4.750e+04	1.917e+05	-1.482e+06
		-1.482e+06	-6.082e+04	0.50	0.0	225.0	-2.744e+04	6278.29	-559.18	-4.750e+04	6.543e+04	-6.963e+04
						450.0	-2.658e+04	6278.29	-559.18	-4.750e+04	-6.082e+04	1.343e+06
111	43	1.472e+06	5.464e+04	1.02	0.0	0.0	-2.838e+04	-6333.65	483.92	4.511e+04	-1.640e+05	1.472e+06
		-1.378e+06	-1.640e+05	-0.48	0.0	225.0	-2.753e+04	-6333.65	483.92	4.511e+04	-5.468e+04	4.711e+04
						450.0	-2.667e+04	-6333.65	483.92	4.511e+04	5.464e+04	-1.378e+06
111	61	4.397e+05	3.331e+05	-0.27	0.0	0.0	-2.834e+04	2090.80	2568.29	4.961e+04	-8.262e+05	-5.012e+05
		-5.012e+05	-8.262e+05	-1.97	0.0	225.0	-2.749e+04	2090.80	2568.29	4.961e+04	-2.466e+05	-3.077e+04
						450.0	-2.663e+04	2090.80	2568.29	4.961e+04	3.331e+05	4.397e+05
111	64	4.911e+05	8.539e+05	0.26	0.0	0.0	-2.834e+04	-2146.16	-2643.54	-5.200e+04	8.539e+05	4.911e+05
		-4.746e+05	-3.392e+05	1.99	0.0	225.0	-2.748e+04	-2146.16	-2643.54	-5.200e+04	2.573e+05	8252.77
						450.0	-2.663e+04	-2146.16	-2643.54	-5.200e+04	-3.392e+05	-4.746e+05
111	69	-4963.31	1.349e+04	3.52e-03	0.0	0.0	-2.732e+04	-26.33	-36.76	-1192.30	1.349e+04	-4963.31
		-1.681e+04	-3049.35	0.01	0.0	225.0	-2.646e+04	-26.33	-36.76	-1192.30	5220.86	-1.089e+04
						450.0	-2.561e+04	-26.33	-36.76	-1192.30	-3049.35	-1.681e+04
111	70	-5192.68	1.466e+04	3.96e-03	0.0	0.0	-3.071e+04	-30.82	-39.66	-1206.02	1.466e+04	-5192.68
		-1.906e+04	-3187.51	0.01	0.0	225.0	-2.986e+04	-30.82	-39.66	-1206.02	5735.77	-1.213e+04
						450.0	-2.900e+04	-30.82	-39.66	-1206.02	-3187.51	-1.906e+04
111	71	-4963.31	1.349e+04	3.52e-03	0.0	0.0	-2.732e+04	-26.33	-36.76	-1192.30	1.349e+04	-4963.31
		-1.681e+04	-3049.35	0.01	0.0	225.0	-2.646e+04	-26.33	-36.76	-1192.30	5220.86	-1.089e+04
						450.0	-2.561e+04	-26.33	-36.76	-1192.30	-3049.35	-1.681e+04
111	72	-5078.00	1.408e+04	3.74e-03	0.0	0.0	-2.902e+04	-28.58	-38.21	-1199.16	1.408e+04	-5078.00
		-1.794e+04	-3118.43	0.01	0.0	225.0	-2.816e+04	-28.58	-38.21	-1199.16	5478.32	-1.151e+04
						450.0	-2.731e+04	-28.58	-38.21	-1199.16	-3118.43	-1.794e+04
111	73	-4963.31	1.349e+04	3.52e-03	0.0	0.0	-2.732e+04	-26.33	-36.76	-1192.30	1.349e+04	-4963.31
		-1.681e+04	-3049.35	0.01	0.0	225.0	-2.646e+04	-26.33	-36.76	-1192.30	5220.86	-1.089e+04
						450.0	-2.561e+04	-26.33	-36.76	-1192.30	-3049.35	-1.681e+04
111	74	-5032.12	1.384e+04	3.65e-03	0.0	0.0	-2.834e+04	-27.68	-37.63	-1196.41	1.384e+04	-5032.12
		-1.749e+04	-3090.80	0.01	0.0	225.0	-2.748e+04	-27.68	-37.63	-1196.41	5375.34	-1.126e+04
						450.0	-2.663e+04	-27.68	-37.63	-1196.41	-3090.80	-1.749e+04
112	2	-5637.80	-7117.19	-2.69e-03	0.0	0.0	-5428.06	162.19	130.40	459.23	-1.233e+04	-1.162e+04
		-1.162e+04	-1.233e+04	8.09e-05	0.0	20.0	-5314.31	162.19	130.40	459.23	-7117.19	-5637.80
						40.0	-5200.56	162.19	130.40	459.23	-7117.19	-5637.80
112	3	-1391.32	-4710.15	-5.41e-04	0.0	0.0	-3567.48	54.54	86.27	414.35	-8160.84	-3423.84
		-3423.84	-8160.84	5.17e-05	0.0	20.0	-3479.98	54.54	86.27	414.35	-6435.49	-2407.58
						40.0	-3392.48	54.54	86.27	414.35	-4710.15	-1391.32
112	6	1.148e+05	1.703e+04	0.06	0.0	0.0	-4007.75	361.05	-452.71	-5097.57	1.703e+04	1.005e+05
		1.005e+05	-1032.99	5.45e-03	0.0	20.0	-3920.25	361.05	-452.71	-5097.57	7999.27	1.076e+05
						40.0	-3832.75	361.05	-452.71	-5097.57	-1032.99	1.148e+05
112	7	-1.102e+05	-8784.90	-0.06	0.0	0.0	-3443.35	-215.44	632.54	5894.51	-3.404e+04	-1.102e+05
		-1.191e+05	-3.404e+04	-5.34e-03	0.0	20.0	-3355.85	-215.44	632.54	5894.51	-2.141e+04	-1.146e+05
						40.0	-3268.35	-215.44	632.54	5894.51	-8784.90	-1.191e+05
112	21	-4.866e+05	-5103.51	-0.21	0.0	0.0	-3396.22	-1186.83	-23.63	-7.211e+04	-5103.51	-4.866e+05
		-5.342e+05	-6144.74	-9.91e-03	0.0	20.0	-3308.72	-1186.83	-23.63	-7.211e+04	-5624.13	-5.104e+05
						40.0	-3221.22	-1186.83	-23.63	-7.211e+04	-6144.74	-5.342e+05
112	22	5.064e+05	2711.23	0.20	0.0	0.0	-4155.83	1283.09	-113.98	5.791e+04	2711.23	4.553e+05
		4.553e+05	-1743.67	0.01	0.0	20.0	-4068.33	1283.09	-113.98	5.791e+04	483.78	4.808e+05
						40.0	-3980.83	1283.09	-113.98	5.791e+04	-1743.67	5.064e+05

112	23	-4.650e+05	-8074.22	-0.21	0.0	0.0	-3295.26	-1137.49	293.81	-5.711e+04	-1.972e+04	-4.650e+05
		-5.107e+05	-1.972e+04	-0.01	0.0	20.0	-3207.76	-1137.49	293.81	-5.711e+04	-1.390e+04	-4.879e+05
						40.0	-3120.26	-1137.49	293.81	-5.711e+04	-8074.22	-5.107e+05
112	24	5.299e+05	-3673.15	0.21	0.0	0.0	-4054.87	1332.44	203.46	7.291e+04	-1.191e+04	4.769e+05
		4.769e+05	-1.191e+04	0.01	0.0	20.0	-3967.37	1332.44	203.46	7.291e+04	-7790.45	5.034e+05
						40.0	-3879.87	1332.44	203.46	7.291e+04	-3673.15	5.299e+05
112	38	5.874e+04	6126.53	0.03	0.0	0.0	-3881.72	223.53	-221.67	-2964.17	6126.53	4.998e+04
		4.998e+04	-2714.71	3.15e-03	0.0	20.0	-3794.22	223.53	-221.67	-2964.17	1705.91	5.436e+04
						40.0	-3706.72	223.53	-221.67	-2964.17	-2714.71	5.874e+04
112	39	-5.969e+04	-7103.18	-0.03	0.0	0.0	-3569.38	-77.92	401.51	3761.10	-2.314e+04	-5.969e+04
		-6.305e+04	-2.314e+04	-3.04e-03	0.0	20.0	-3481.88	-77.92	401.51	3761.10	-1.512e+04	-6.137e+04
						40.0	-3394.38	-77.92	401.51	3761.10	-7103.18	-6.305e+04
112	53	-2.600e+05	-5530.12	-0.11	0.0	0.0	-3551.14	-592.93	22.89	-3.821e+04	-6386.34	-2.600e+05
		-2.838e+05	-6386.34	-5.65e-03	0.0	20.0	-3463.64	-592.93	22.89	-3.821e+04	-5958.23	-2.719e+05
						40.0	-3376.14	-592.93	22.89	-3.821e+04	-5530.12	-2.838e+05
112	54	2.665e+05	-2220.54	0.11	0.0	0.0	-3957.12	711.57	-25.64	3.078e+04	-2220.54	2.383e+05
		2.383e+05	-3182.52	6.51e-03	0.0	20.0	-3869.62	711.57	-25.64	3.078e+04	-2701.53	2.524e+05
						40.0	-3782.12	711.57	-25.64	3.078e+04	-3182.52	2.665e+05
112	55	-2.480e+05	-6635.37	-0.11	0.0	0.0	-3493.97	-565.96	205.47	-2.999e+04	-1.479e+04	-2.480e+05
		-2.708e+05	-1.479e+04	-6.41e-03	0.0	20.0	-3406.47	-565.96	205.47	-2.999e+04	-1.071e+04	-2.594e+05
						40.0	-3318.97	-565.96	205.47	-2.999e+04	-6635.37	-2.708e+05
112	56	2.795e+05	-4287.78	0.11	0.0	0.0	-3899.96	738.54	156.95	3.901e+04	-1.062e+04	2.502e+05
		2.502e+05	-1.062e+04	5.75e-03	0.0	20.0	-3812.46	738.54	156.95	3.901e+04	-7456.35	2.649e+05
						40.0	-3724.96	738.54	156.95	3.901e+04	-4287.78	2.795e+05
112	69	-1391.32	-4710.15	-5.41e-04	0.0	0.0	-3567.48	54.54	86.27	414.35	-8160.84	-3423.84
		-3423.84	-8160.84	5.17e-05	0.0	20.0	-3479.98	54.54	86.27	414.35	-6435.49	-2407.58
						40.0	-3392.48	54.54	86.27	414.35	-4710.15	-1391.32
112	70	-3944.04	-5372.81	-1.87e-03	0.0	0.0	-4094.37	115.40	98.43	361.40	-9310.13	-8203.49
		-8203.49	-9310.13	6.08e-05	0.0	20.0	-4006.87	115.40	98.43	361.40	-7341.47	-6073.77
						40.0	-3919.37	115.40	98.43	361.40	-5372.81	-3944.04
112	71	-1391.32	-4710.15	-5.41e-04	0.0	0.0	-3567.48	54.54	86.27	414.35	-8160.84	-3423.84
		-3423.84	-8160.84	5.17e-05	0.0	20.0	-3479.98	54.54	86.27	414.35	-6435.49	-2407.58
						40.0	-3392.48	54.54	86.27	414.35	-4710.15	-1391.32
112	72	-2667.68	-5041.48	-1.20e-03	0.0	0.0	-3830.93	84.97	92.35	387.88	-8735.49	-5813.66
		-5813.66	-8735.49	5.63e-05	0.0	20.0	-3743.43	84.97	92.35	387.88	-6888.48	-4240.67
						40.0	-3655.93	84.97	92.35	387.88	-5041.48	-2667.68
112	73	-1391.32	-4710.15	-5.41e-04	0.0	0.0	-3567.48	54.54	86.27	414.35	-8160.84	-3423.84
		-3423.84	-8160.84	5.17e-05	0.0	20.0	-3479.98	54.54	86.27	414.35	-6435.49	-2407.58
						40.0	-3392.48	54.54	86.27	414.35	-4710.15	-1391.32
112	74	-2157.14	-4908.95	-9.39e-04	0.0	0.0	-3725.55	72.80	89.92	398.47	-8505.63	-4857.73
		-4857.73	-8505.63	5.44e-05	0.0	20.0	-3638.05	72.80	89.92	398.47	-6707.29	-3507.44
						40.0	-3550.55	72.80	89.92	398.47	-4908.95	-2157.14
113	2	2.874e+04	1.505e+04	-6.51e-03	0.0	0.0	-4.062e+04	57.73	-38.45	1496.39	1.505e+04	2759.13
		2759.13	-2250.75	0.01	0.0	225.0	-3.950e+04	57.73	-38.45	1496.39	6401.45	1.575e+04
						450.0	-3.839e+04	57.73	-38.45	1496.39	-2250.75	2.874e+04
113	3	1.944e+04	1.071e+04	-4.46e-03	0.0	0.0	-2.733e+04	38.82	-27.63	1052.95	1.071e+04	1968.80
		1968.80	-1720.00	9.29e-03	0.0	225.0	-2.647e+04	38.82	-27.63	1052.95	4496.68	1.070e+04
						450.0	-2.561e+04	38.82	-27.63	1052.95	-1720.00	1.944e+04
113	5	2.380e+06	2.623e+05	-1.73	0.0	0.0	-2.842e+04	1.098e+04	1889.95	-8.417e+04	-5.899e+05	-2.560e+06
		-2.560e+06	-5.899e+05	-1.28	0.0	225.0	-2.757e+04	1.098e+04	1889.95	-8.417e+04	-1.638e+05	-9.017e+04
						450.0	-2.671e+04	1.098e+04	1889.95	-8.417e+04	2.623e+05	2.380e+06
113	6	2.437e+06	3.624e+05	-1.78	0.0	0.0	-2.841e+04	1.124e+04	-1072.68	-1.407e+04	3.624e+05	-2.622e+06
		-2.622e+06	-1.216e+05	0.95	0.0	225.0	-2.755e+04	1.124e+04	-1072.68	-1.407e+04	1.204e+05	9.259e+04
						450.0	-2.670e+04	1.124e+04	-1072.68	-1.407e+04	-1.216e+05	2.437e+06
113	7	2.626e+06	1.181e+05	1.78	0.0	0.0	-2.828e+04	-1.116e+04	1016.41	1.623e+04	-3.406e+05	2.626e+06
		-2.397e+06	-3.406e+05	-0.93	0.0	225.0	-2.743e+04	-1.116e+04	1016.41	1.623e+04	-1.112e+05	1.147e+05
						450.0	-2.657e+04	-1.116e+04	1016.41	1.623e+04	1.181e+05	-2.397e+06
113	8	2.564e+06	6.118e+05	1.73	0.0	0.0	-2.827e+04	-1.090e+04	-1946.22	8.633e+04	6.118e+05	2.564e+06
		-2.340e+06	-2.658e+05	1.30	0.0	225.0	-2.741e+04	-1.090e+04	-1946.22	8.633e+04	1.730e+05	1.123e+05
						450.0	-2.656e+04	-1.090e+04	-1946.22	8.633e+04	-2.658e+05	-2.340e+06
113	21	6.412e+05	6.598e+05	-0.46	0.0	0.0	-2.839e+04	2919.39	5040.62	-1.308e+05	-1.614e+06	-6.725e+05
		-6.725e+05	-1.614e+06	-3.76	0.0	225.0	-2.754e+04	2919.39	5040.62	-1.308e+05	-4.770e+05	-1.564e+04
						450.0	-2.668e+04	2919.39	5040.62	-1.308e+05	6.598e+05	6.412e+05
113	24	6.765e+05	1.636e+06	0.46	0.0	0.0	-2.830e+04	-2838.84	-5096.89	1.330e+05	1.636e+06	6.765e+05
		-6.010e+05	-6.632e+05	3.78	0.0	225.0	-2.744e+04	-2838.84	-5096.89	1.330e+05	4.862e+05	3.778e+04
						450.0	-2.659e+04	-2838.84	-5096.89	1.330e+05	-6.632e+05	-6.010e+05
113	37	1.378e+06	1.407e+05	-1.00	0.0	0.0	-2.839e+04	6332.29	999.12	-4.522e+04	-3.100e+05	-1.472e+06
		-1.472e+06	-3.100e+05	-0.67	0.0	225.0	-2.753e+04	6332.29	999.12	-4.522e+04	-8.467e+04	-4.717e+04
						450.0	-2.668e+04	6332.29	999.12	-4.522e+04	1.407e+05	1.378e+06
113	38	1.410e+06	1.936e+05	-1.02	0.0	0.0	-2.838e+04	6484.57	-570.03	-7827.09	1.936e+05	-1.508e+06
		-1.508e+06	-6.377e+04	0.50	0.0	225.0	-2.752e+04	6484.57	-570.03	-7827.09	6.490e+04	-4.856e+04
						450.0	-2.667e+04	6484.57	-570.03	-7827.09	-6.377e+04	1.410e+06
113	39	1.512e+06	6.032e+04	1.02	0.0	0.0	-2.831e+04	-6404.02	513.75	9984.01	-1.717e+05	1.512e+06
		-1.370e+06	-1.717e+05	-0.48	0.0	225.0	-2.745e+04	-6404.02	513.75	9984.01	-5.568e+04	7.070e+04
						450.0	-2.660e+04	-6404.02	513.75	9984.01	6.032e+04	-1.370e+06
113	40	1.476e+06	3.319e+05	1.00	0.0	0.0	-2.830e+04	-6251.74	-1055.39	4.737e+04	3.319e+05	1.476e+06
		-1.337e+06	-1.441e+05	0.69	0.0	225.0	-2.744e+04	-6251.74	-1055.39	4.737e+04	9.388e+04	6.931e+04

						450.0	-2.659e+04	-6251.74	-1055.39	4.737e+04	-1.441e+05	-1.337e+06
113	53	3.775e+05	3.511e+05	-0.26	0.0	0.0	-2.837e+04	1696.93	2659.91	-6.952e+04	-8.491e+05	-3.861e+05
		-3.861e+05	-8.491e+05	-1.98	0.0	225.0	-2.752e+04	1696.93	2659.91	-6.952e+04	-2.490e+05	-4292.21
						450.0	-2.666e+04	1696.93	2659.91	-6.952e+04	3.511e+05	3.775e+05
113	56	3.901e+05	8.710e+05	0.26	0.0	0.0	-2.832e+04	-1616.37	-2716.19	7.168e+04	8.710e+05	3.901e+05
		-3.372e+05	-3.545e+05	2.00	0.0	225.0	-2.746e+04	-1616.37	-2716.19	7.168e+04	2.582e+05	2.643e+04
						450.0	-2.661e+04	-1616.37	-2716.19	7.168e+04	-3.545e+05	-3.372e+05
113	69	1.944e+04	1.071e+04	-4.46e-03	0.0	0.0	-2.733e+04	38.82	-27.63	1052.95	1.071e+04	1968.80
		1968.80	-1720.00	9.29e-03	0.0	225.0	-2.647e+04	38.82	-27.63	1052.95	4496.68	1.070e+04
						450.0	-2.561e+04	38.82	-27.63	1052.95	-1720.00	1.944e+04
113	70	2.175e+04	1.146e+04	-4.94e-03	0.0	0.0	-3.072e+04	43.67	-29.32	1137.98	1.146e+04	2101.92
		2101.92	-1729.83	0.01	0.0	225.0	-2.987e+04	43.67	-29.32	1137.98	4867.19	1.193e+04
						450.0	-2.901e+04	43.67	-29.32	1137.98	-1729.83	2.175e+04
113	71	1.944e+04	1.071e+04	-4.46e-03	0.0	0.0	-2.733e+04	38.82	-27.63	1052.95	1.071e+04	1968.80
		1968.80	-1720.00	9.29e-03	0.0	225.0	-2.647e+04	38.82	-27.63	1052.95	4496.68	1.070e+04
						450.0	-2.561e+04	38.82	-27.63	1052.95	-1720.00	1.944e+04
113	72	2.060e+04	1.109e+04	-4.70e-03	0.0	0.0	-2.902e+04	41.24	-28.47	1095.47	1.109e+04	2035.36
		2035.36	-1724.92	9.69e-03	0.0	225.0	-2.817e+04	41.24	-28.47	1095.47	4681.94	1.132e+04
						450.0	-2.731e+04	41.24	-28.47	1095.47	-1724.92	2.060e+04
113	73	1.944e+04	1.071e+04	-4.46e-03	0.0	0.0	-2.733e+04	38.82	-27.63	1052.95	1.071e+04	1968.80
		1968.80	-1720.00	9.29e-03	0.0	225.0	-2.647e+04	38.82	-27.63	1052.95	4496.68	1.070e+04
						450.0	-2.561e+04	38.82	-27.63	1052.95	-1720.00	1.944e+04
113	74	2.013e+04	1.094e+04	-4.61e-03	0.0	0.0	-2.834e+04	40.28	-28.14	1078.46	1.094e+04	2008.74
		2008.74	-1722.95	9.53e-03	0.0	225.0	-2.749e+04	40.28	-28.14	1078.46	4607.83	1.107e+04
						450.0	-2.663e+04	40.28	-28.14	1078.46	-1722.95	2.013e+04
114	2	-1.328e+04	1.381e+04	-1.70e-03	0.0	0.0	-3367.65	139.11	-161.35	78.38	1.381e+04	-1.801e+04
		-1.801e+04	7358.02	-7.64e-03	0.0	20.0	-3253.90	139.11	-161.35	78.38	1.059e+04	-1.565e+04
						40.0	-3140.15	139.11	-161.35	78.38	7358.02	-1.328e+04
114	3	-4978.50	8743.76	-2.28e-04	0.0	0.0	-2183.53	43.59	-102.77	364.43	8743.76	-6421.88
		-6421.88	4632.31	-5.06e-03	0.0	20.0	-2096.03	43.59	-102.77	364.43	6688.03	-5700.19
						40.0	-2008.53	43.59	-102.77	364.43	4632.31	-4978.50
114	6	1.437e+05	3.684e+04	0.03	0.0	0.0	-3751.51	128.78	-645.84	8.536e+04	3.684e+04	1.290e+05
		1.290e+05	1.141e+04	2.16e-03	0.0	20.0	-3664.01	128.78	-645.84	8.536e+04	2.412e+04	1.364e+05
						40.0	-3576.51	128.78	-645.84	8.536e+04	1.141e+04	1.437e+05
114	7	-1.457e+05	-1611.76	-0.04	0.0	0.0	-827.17	-8.62	429.20	-8.478e+04	-1.837e+04	-1.457e+05
		-1.564e+05	-1.837e+04	-0.01	0.0	20.0	-739.67	-8.62	429.20	-8.478e+04	-9991.22	-1.511e+05
						40.0	-652.17	-8.62	429.20	-8.478e+04	-1611.76	-1.564e+05
114	22	3.035e+05	2.272e+04	0.14	0.0	0.0	-4527.47	684.97	-305.24	2.089e+05	2.272e+04	2.735e+05
		2.735e+05	1.080e+04	8.09e-03	0.0	20.0	-4439.97	684.97	-305.24	2.089e+05	1.676e+04	2.885e+05
						40.0	-4352.47	684.97	-305.24	2.089e+05	1.080e+04	3.035e+05
114	23	-2.902e+05	-1004.67	-0.14	0.0	0.0	-51.21	-564.81	88.60	-2.083e+05	-4250.04	-2.902e+05
		-3.162e+05	-4250.04	-0.02	0.0	20.0	36.29	-564.81	88.60	-2.083e+05	-2627.36	-3.032e+05
						40.0	123.79	-564.81	88.60	-2.083e+05	-1004.67	-3.162e+05
114	38	7.421e+04	2.502e+04	0.02	0.0	0.0	-3095.43	91.96	-417.07	4.633e+04	2.502e+04	6.537e+04
		6.537e+04	8571.77	-1.06e-03	0.0	20.0	-3007.93	91.96	-417.07	4.633e+04	1.680e+04	6.979e+04
						40.0	-2920.43	91.96	-417.07	4.633e+04	8571.77	7.421e+04
114	39	-8.208e+04	1227.25	-0.02	0.0	0.0	-1483.25	28.21	200.43	-4.576e+04	-6555.01	-8.208e+04
		-8.689e+04	-6555.01	-9.48e-03	0.0	20.0	-1395.75	28.21	200.43	-4.576e+04	-2663.88	-8.449e+04
						40.0	-1308.25	28.21	200.43	-4.576e+04	1227.25	-8.689e+04
114	54	1.578e+05	1.674e+04	0.07	0.0	0.0	-3491.98	388.81	-220.17	1.111e+05	1.674e+04	1.410e+05
		1.410e+05	8113.57	2.24e-03	0.0	20.0	-3404.48	388.81	-220.17	1.111e+05	1.243e+04	1.494e+05
						40.0	-3316.98	388.81	-220.17	1.111e+05	8113.57	1.578e+05
114	55	-1.577e+05	1722.88	-0.07	0.0	0.0	-1086.70	-268.65	3.53	-1.105e+05	1722.88	-1.577e+05
		-1.705e+05	1685.45	-0.01	0.0	20.0	-999.20	-268.65	3.53	-1.105e+05	1704.16	-1.641e+05
						40.0	-911.70	-268.65	3.53	-1.105e+05	1685.45	-1.705e+05
114	69	-4978.50	8743.76	-2.28e-04	0.0	0.0	-2183.53	43.59	-102.77	364.43	8743.76	-6421.88
		-6421.88	4632.31	-5.06e-03	0.0	20.0	-2096.03	43.59	-102.77	364.43	6688.03	-5700.19
						40.0	-2008.53	43.59	-102.77	364.43	4632.31	-4978.50
114	70	-9519.20	1.037e+04	-1.16e-03	0.0	0.0	-2536.24	98.55	-121.27	100.85	1.037e+04	-1.287e+04
		-1.287e+04	5522.98	-5.77e-03	0.0	20.0	-2448.74	98.55	-121.27	100.85	7948.68	-1.119e+04
						40.0	-2361.24	98.55	-121.27	100.85	5522.98	-5.77e+03
114	71	-4978.50	8743.76	-2.28e-04	0.0	0.0	-2183.53	43.59	-102.77	364.43	8743.76	-6421.88
		-6421.88	4632.31	-5.06e-03	0.0	20.0	-2096.03	43.59	-102.77	364.43	6688.03	-5700.19
						40.0	-2008.53	43.59	-102.77	364.43	4632.31	-4978.50
114	72	-7248.85	9559.07	-6.96e-04	0.0	0.0	-2359.88	71.07	-112.02	232.64	9559.07	-9643.78
		-9643.78	5077.64	-5.41e-03	0.0	20.0	-2272.38	71.07	-112.02	232.64	7318.36	-8446.31
						40.0	-2184.88	71.07	-112.02	232.64	5077.64	-7248.85
114	73	-4978.50	8743.76	-2.28e-04	0.0	0.0	-2183.53	43.59	-102.77	364.43	8743.76	-6421.88
		-6421.88	4632.31	-5.06e-03	0.0	20.0	-2096.03	43.59	-102.77	364.43	6688.03	-5700.19
						40.0	-2008.53	43.59	-102.77	364.43	4632.31	-4978.50
114	74	-6340.71	9232.94	-5.09e-04	0.0	0.0	-2289.34	60.08	-108.32	285.36	9232.94	-8355.02
		-8355.02	4899.51	-5.27e-03	0.0	20.0	-2201.84	60.08	-108.32	285.36	7066.23	-7347.86
						40.0	-2114.34	60.08	-108.32	285.36	4899.51	-6340.71
115	1	3.093e+04	5660.99	-6.92e-03	0.0	0.0	-3.153e+04	84.24	-17.03	1452.63	5660.99	-6980.50
		-6980.50	-2000.73	0.01	0.0	225.0	-3.042e+04	84.24	-17.03	1452.63	1830.13	1.197e+04
						450.0	-2.930e+04	84.24	-17.03	1452.63	-2000.73	3.093e+04
115	2	3.510e+04	5945.08	-7.70e-03	0.0	0.0	-3.592e+04	96.32	-17.57	1591.71	5945.08	-8239.02

		-8239.02	-1960.18	0.01	0.0	225.0	-3.480e+04	96.32	-17.57	1591.71	1992.45	1.343e+04
						450.0	-3.369e+04	96.32	-17.57	1591.71	-1960.18	3.510e+04
115	3	2.379e+04	4354.61	-5.32e-03	0.0	0.0	-2.425e+04	64.80	-13.10	1117.40	4354.61	-5369.62
		-5369.62	-1539.03	9.44e-03	0.0	225.0	-2.340e+04	64.80	-13.10	1117.40	1407.79	9209.90
						450.0	-2.254e+04	64.80	-13.10	1117.40	-1539.03	2.379e+04
115	14	2.216e+06	4.192e+05	-1.61	0.0	0.0	-2.518e+04	1.022e+04	-1288.22	1.802e+04	4.192e+05	-2.384e+06
		-2.384e+06	-1.612e+05	1.01	0.0	225.0	-2.432e+04	1.022e+04	-1288.22	1.802e+04	1.290e+05	-8.403e+04
						450.0	-2.347e+04	1.022e+04	-1288.22	1.802e+04	-1.612e+05	2.216e+06
115	15	2.373e+06	1.581e+05	1.61	0.0	0.0	-2.508e+04	-1.009e+04	1261.81	-1.573e+04	-4.104e+05	2.373e+06
		-2.167e+06	-4.104e+05	-0.99	0.0	225.0	-2.422e+04	-1.009e+04	1261.81	-1.573e+04	1.261e+05	1.030e+05
						450.0	-2.337e+04	-1.009e+04	1261.81	-1.573e+04	1.581e+05	-2.167e+06
115	21	4.665e+05	6.642e+05	-0.32	0.0	0.0	-2.512e+04	2114.67	5073.02	-1.315e+05	-1.624e+06	-4.851e+05
		-4.851e+05	-1.624e+06	-3.76	0.0	225.0	-2.427e+04	2114.67	5073.02	-1.315e+05	-4.797e+05	-9276.60
						450.0	-2.341e+04	2114.67	5073.02	-1.315e+05	6.642e+05	4.665e+05
115	24	4.738e+05	1.633e+06	0.31	0.0	0.0	-2.513e+04	-1980.25	-5099.43	1.338e+05	1.633e+06	4.738e+05
		-4.173e+05	-6.673e+05	3.77	0.0	225.0	-2.428e+04	-1980.25	-5099.43	1.338e+05	4.826e+05	2.828e+04
						450.0	-2.342e+04	-1980.25	-5099.43	1.338e+05	-6.673e+05	-4.173e+05
115	46	1.288e+06	2.226e+05	-0.93	0.0	0.0	-2.516e+04	5922.81	-684.21	9674.96	2.226e+05	-1.377e+06
		-1.377e+06	-8.576e+04	0.54	0.0	225.0	-2.430e+04	5922.81	-684.21	9674.96	6.845e+04	-4.443e+04
						450.0	-2.345e+04	5922.81	-684.21	9674.96	-8.576e+04	1.288e+06
115	47	1.366e+06	8.269e+04	0.93	0.0	0.0	-2.510e+04	-5788.38	657.80	-7384.51	-2.138e+05	1.366e+06
		-1.239e+06	-2.138e+05	-0.52	0.0	225.0	-2.425e+04	-5788.38	657.80	-7384.51	-6.557e+04	6.344e+04
						450.0	-2.339e+04	-5788.38	657.80	-7384.51	8.269e+04	-1.239e+06
115	53	2.790e+05	3.535e+05	-0.18	0.0	0.0	-2.513e+04	1246.01	2684.18	-6.993e+04	-8.575e+05	-2.817e+05
		-2.817e+05	-8.575e+05	-1.98	0.0	225.0	-2.427e+04	1246.01	2684.18	-6.993e+04	-2.520e+05	-1310.21
						450.0	-2.342e+04	1246.01	2684.18	-6.993e+04	3.535e+05	2.790e+05
115	56	2.704e+05	8.663e+05	0.18	0.0	0.0	-2.513e+04	-1111.59	-2710.59	7.222e+04	8.663e+05	2.704e+05
		-2.298e+05	-3.566e+05	2.00	0.0	225.0	-2.428e+04	-1111.59	-2710.59	7.222e+04	2.549e+05	2.031e+04
						450.0	-2.342e+04	-1111.59	-2710.59	7.222e+04	-3.566e+05	-2.298e+05
115	69	2.379e+04	4354.61	-5.32e-03	0.0	0.0	-2.425e+04	64.80	-13.10	1117.40	4354.61	-5369.62
		-5369.62	-1539.03	9.44e-03	0.0	225.0	-2.340e+04	64.80	-13.10	1117.40	1407.79	9209.90
						450.0	-2.254e+04	64.80	-13.10	1117.40	-1539.03	2.379e+04
115	70	2.657e+04	4544.00	-5.84e-03	0.0	0.0	-2.718e+04	72.85	-13.46	1210.13	4544.00	-6208.63
		-6208.63	-1511.99	0.01	0.0	225.0	-2.632e+04	72.85	-13.46	1210.13	1516.01	1.018e+04
						450.0	-2.547e+04	72.85	-13.46	1210.13	-1511.99	2.657e+04
115	71	2.379e+04	4354.61	-5.32e-03	0.0	0.0	-2.425e+04	64.80	-13.10	1117.40	4354.61	-5369.62
		-5369.62	-1539.03	9.44e-03	0.0	225.0	-2.340e+04	64.80	-13.10	1117.40	1407.79	9209.90
						450.0	-2.254e+04	64.80	-13.10	1117.40	-1539.03	2.379e+04
115	72	2.518e+04	4449.30	-5.58e-03	0.0	0.0	-2.571e+04	68.82	-13.28	1163.77	4449.30	-5789.12
		-5789.12	-1525.51	9.77e-03	0.0	225.0	-2.486e+04	68.82	-13.28	1163.77	1461.90	9696.41
						450.0	-2.400e+04	68.82	-13.28	1163.77	-1525.51	2.518e+04
115	73	2.379e+04	4354.61	-5.32e-03	0.0	0.0	-2.425e+04	64.80	-13.10	1117.40	4354.61	-5369.62
		-5369.62	-1539.03	9.44e-03	0.0	225.0	-2.340e+04	64.80	-13.10	1117.40	1407.79	9209.90
						450.0	-2.254e+04	64.80	-13.10	1117.40	-1539.03	2.379e+04
115	74	2.462e+04	4411.42	-5.48e-03	0.0	0.0	-2.513e+04	67.21	-13.21	1145.22	4411.42	-5621.32
		-5621.32	-1530.91	9.64e-03	0.0	225.0	-2.427e+04	67.21	-13.21	1145.22	1440.26	9501.81
						450.0	-2.342e+04	67.21	-13.21	1145.22	-1530.91	2.462e+04
116	2	-3.290e+04	5083.68	0.03	0.0	0.0	-3.882e+04	124.18	2.65	1450.41	3890.24	-8.878e+04
		-8.878e+04	3890.24	4.83e-03	0.0	225.0	-3.771e+04	124.18	2.65	1450.41	4486.96	-6.084e+04
						450.0	-3.660e+04	124.18	2.65	1450.41	5083.68	-3.290e+04
116	3	-2.313e+04	3098.18	0.02	0.0	0.0	-2.624e+04	81.87	0.85	1058.80	2715.88	-5.997e+04
		-5.997e+04	2715.88	3.41e-03	0.0	225.0	-2.539e+04	81.87	0.85	1058.80	2907.03	-4.155e+04
						450.0	-2.453e+04	81.87	0.85	1058.80	3098.18	-2.313e+04
116	13	2.137e+06	7.774e+04	-1.57	0.0	0.0	-2.634e+04	1.004e+04	1165.96	-1.204e+05	-3.653e+05	-2.380e+06
		-2.380e+06	-3.653e+05	-0.82	0.0	225.0	-2.548e+04	1.004e+04	1165.96	-1.204e+05	-1.438e+05	-1.212e+05
						450.0	-2.463e+04	1.004e+04	1165.96	-1.204e+05	7.774e+04	2.137e+06
116	14	2.186e+06	2.283e+05	-1.61	0.0	0.0	-2.636e+04	1.026e+04	-664.73	9.311e+04	2.283e+05	-2.431e+06
		-2.431e+06	-1.540e+05	0.62	0.0	225.0	-2.551e+04	1.026e+04	-664.73	9.311e+04	3.718e+04	-1.228e+05
						450.0	-2.465e+04	1.026e+04	-664.73	9.311e+04	-1.540e+05	2.186e+06
116	15	2.307e+06	1.606e+05	1.61	0.0	0.0	-2.800e+04	-1.009e+04	667.05	-9.097e+04	-2.228e+05	2.307e+06
		-2.233e+06	-2.228e+05	-0.61	0.0	225.0	-2.715e+04	-1.009e+04	667.05	-9.097e+04	3.108e+04	6.398e+04
						450.0	-2.629e+04	-1.009e+04	667.05	-9.097e+04	1.606e+05	-2.233e+06
116	16	2.255e+06	3.709e+05	1.57	0.0	0.0	-2.803e+04	-9866.58	-1163.64	1.225e+05	3.709e+05	2.255e+06
		-2.185e+06	-7.112e+04	0.83	0.0	225.0	-2.717e+04	-9866.58	-1163.64	1.225e+05	1.499e+05	3.534e+04
						450.0	-2.632e+04	-9866.58	-1163.64	1.225e+05	-7.112e+04	-2.185e+06
116	22	5.828e+05	1.053e+06	-0.45	0.0	0.0	-2.702e+04	2878.28	-3261.50	3.489e+05	1.053e+06	-7.124e+05
		-7.124e+05	-4.178e+05	2.47	0.0	225.0	-2.617e+04	2878.28	-3261.50	3.489e+05	3.174e+05	-6.478e+04
						450.0	-2.531e+04	2878.28	-3261.50	3.489e+05	-4.178e+05	5.828e+05
116	23	5.881e+05	4.244e+05	0.45	0.0	0.0	-2.735e+04	-2707.44	3263.82	-3.468e+05	-1.047e+06	5.881e+05
		-6.302e+05	-1.047e+06	-2.47	0.0	225.0	-2.649e+04	-2707.44	3263.82	-3.468e+05	-3.113e+05	-2.105e+04
						450.0	-2.564e+04	-2707.44	3263.82	-3.468e+05	4.244e+05	-6.302e+05
116	45	1.223e+06	4.202e+04	-0.90	0.0	0.0	-2.670e+04	5824.66	624.24	-6.364e+04	-1.936e+05	-1.399e+06
		-1.399e+06	-1.936e+05	-0.43	0.0	225.0	-2.584e+04	5824.66	624.24	-6.364e+04	-7.579e+04	-8.804e+04
						450.0	-2.499e+04	5824.66	624.24	-6.364e+04	4.202e+04	1.223e+06
116	46	1.250e+06	1.206e+05	-0.93	0.0	0.0	-2.671e+04	5952.77	-346.07	4.943e+04	1.206e+05	-1.428e+06
		-1.428e+06	-8.140e+04	0.33	0.0	225.0	-2.586e+04	5952.77	-346.07	4.943e+04	1.958e+04	-8.898e+04
						450.0	-2.500e+04	5952.77	-346.07	4.943e+04	-8.140e+04	1.250e+06

116	47	1.304e+06	8.802e+04	0.93	0.0	0.0	-2.766e+04	-5781.93	348.39	-4.728e+04	-1.150e+05	1.304e+06
		-1.298e+06	-1.150e+05	-0.32	0.0	225.0	-2.680e+04	-5781.93	348.39	-4.728e+04	-1.348e+04	3156.07
						450.0	-2.595e+04	-5781.93	348.39	-4.728e+04	8.802e+04	-1.298e+06
116	48	1.274e+06	1.992e+05	0.90	0.0	0.0	-2.767e+04	-5653.82	-621.92	6.579e+04	1.992e+05	1.274e+06
		-1.270e+06	-3.540e+04	0.44	0.0	225.0	-2.682e+04	-5653.82	-621.92	6.579e+04	8.189e+04	2212.20
						450.0	-2.596e+04	-5653.82	-621.92	6.579e+04	-3.540e+04	-1.270e+06
116	54	3.255e+05	5.598e+05	-0.26	0.0	0.0	-2.709e+04	1693.28	-1733.00	1.849e+05	5.598e+05	-4.365e+05
		-4.365e+05	-2.217e+05	1.31	0.0	225.0	-2.624e+04	1693.28	-1733.00	1.849e+05	1.691e+05	-5.550e+04
						450.0	-2.538e+04	1693.28	-1733.00	1.849e+05	-2.217e+05	3.255e+05
116	55	3.122e+05	2.283e+05	0.26	0.0	0.0	-2.728e+04	-1522.44	1735.32	-1.828e+05	-5.542e+05	3.122e+05
		-3.729e+05	-5.542e+05	-1.30	0.0	225.0	-2.642e+04	-1522.44	1735.32	-1.828e+05	-1.630e+05	-3.033e+04
						450.0	-2.557e+04	-1522.44	1735.32	-1.828e+05	2.283e+05	-3.729e+05
116	69	-2.313e+04	3098.18	0.02	0.0	0.0	-2.624e+04	81.87	0.85	1058.80	2715.88	-5.997e+04
		-5.997e+04	2715.88	3.41e-03	0.0	225.0	-2.539e+04	81.87	0.85	1058.80	2907.03	-4.155e+04
						450.0	-2.453e+04	81.87	0.85	1058.80	3098.18	-2.313e+04
116	70	-2.502e+04	3802.21	0.02	0.0	0.0	-2.938e+04	93.70	1.88	1108.11	2955.61	-6.718e+04
		-6.718e+04	2955.61	3.68e-03	0.0	225.0	-2.852e+04	93.70	1.88	1108.11	3378.91	-4.610e+04
						450.0	-2.767e+04	93.70	1.88	1108.11	3802.21	-2.502e+04
116	71	-2.313e+04	3098.18	0.02	0.0	0.0	-2.624e+04	81.87	0.85	1058.80	2715.88	-5.997e+04
		-5.997e+04	2715.88	3.41e-03	0.0	225.0	-2.539e+04	81.87	0.85	1058.80	2907.03	-4.155e+04
						450.0	-2.453e+04	81.87	0.85	1058.80	3098.18	-2.313e+04
116	72	-2.407e+04	3450.20	0.02	0.0	0.0	-2.781e+04	87.79	1.37	1083.45	2835.74	-6.358e+04
		-6.358e+04	2835.74	3.55e-03	0.0	225.0	-2.696e+04	87.79	1.37	1083.45	3142.97	-4.382e+04
						450.0	-2.610e+04	87.79	1.37	1083.45	3450.20	-2.407e+04
116	73	-2.313e+04	3098.18	0.02	0.0	0.0	-2.624e+04	81.87	0.85	1058.80	2715.88	-5.997e+04
		-5.997e+04	2715.88	3.41e-03	0.0	225.0	-2.539e+04	81.87	0.85	1058.80	2907.03	-4.155e+04
						450.0	-2.453e+04	81.87	0.85	1058.80	3098.18	-2.313e+04
116	74	-2.369e+04	3309.39	0.02	0.0	0.0	-2.718e+04	85.42	1.16	1073.59	2787.80	-6.213e+04
		-6.213e+04	2787.80	3.49e-03	0.0	225.0	-2.633e+04	85.42	1.16	1073.59	3048.59	-4.291e+04
						450.0	-2.547e+04	85.42	1.16	1073.59	3309.39	-2.369e+04
117	2	-985.82	1.560e+04	0.03	0.0	0.0	-4.342e+04	281.13	-39.93	1728.07	1.560e+04	-1.275e+05
		-1.275e+05	-2367.17	4.66e-03	0.0	225.0	-4.231e+04	281.13	-39.93	1728.07	6617.39	-6.424e+04
						450.0	-4.120e+04	281.13	-39.93	1728.07	-2367.17	-985.82
117	3	-1672.41	1.114e+04	0.02	0.0	0.0	-2.925e+04	186.80	-28.77	1231.54	1.114e+04	-8.573e+04
		-8.573e+04	-1809.45	3.13e-03	0.0	225.0	-2.839e+04	186.80	-28.77	1231.54	4663.11	-4.370e+04
						450.0	-2.754e+04	186.80	-28.77	1231.54	-1809.45	-1672.41
117	4	-484.10	1.226e+04	0.02	0.0	0.0	-3.465e+04	225.09	-31.30	1358.61	1.226e+04	-1.018e+05
		-1.018e+05	-1824.34	3.72e-03	0.0	225.0	-3.379e+04	225.09	-31.30	1358.61	5218.45	-5.113e+04
						450.0	-3.294e+04	225.09	-31.30	1358.61	-1824.34	-484.10
117	5	2.395e+06	-8109.86	-1.73	0.0	0.0	-2.928e+04	1.122e+04	159.70	-8.587e+04	-8.055e+04	-2.653e+06
		-2.653e+06	-8.055e+04	-0.98	0.0	225.0	-2.843e+04	1.122e+04	159.70	-8.587e+04	-4.433e+04	-1.292e+05
						450.0	-2.757e+04	1.122e+04	159.70	-8.587e+04	-8109.86	2.395e+06
117	6	2.452e+06	5.109e+05	-1.77	0.0	0.0	-2.933e+04	1.148e+04	-1645.37	1.299e+05	5.109e+05	-2.715e+06
		-2.715e+06	-2.306e+05	0.46	0.0	225.0	-2.848e+04	1.148e+04	-1645.37	1.299e+05	1.401e+05	-1.313e+05
						450.0	-2.762e+04	1.148e+04	-1645.37	1.299e+05	-2.306e+05	2.452e+06
117	7	2.537e+06	2.270e+05	1.78	0.0	0.0	-3.132e+04	-1.109e+04	1586.83	-1.274e+05	-4.881e+05	2.537e+06
		-2.455e+06	-4.881e+05	-0.45	0.0	225.0	-3.047e+04	-1.109e+04	1586.83	-1.274e+05	-1.306e+05	4.096e+04
						450.0	-2.961e+04	-1.109e+04	1586.83	-1.274e+05	2.270e+05	2.455e+06
117	8	2.476e+06	1.033e+05	1.73	0.0	0.0	-3.137e+04	-1.083e+04	-218.25	8.839e+04	1.033e+05	2.476e+06
		-2.398e+06	4485.00	0.99	0.0	225.0	-3.052e+04	-1.083e+04	-218.25	8.839e+04	5.388e+04	3.884e+04
						450.0	-2.966e+04	-1.083e+04	-218.25	8.839e+04	4485.00	-2.398e+06
117	22	8.217e+05	1.058e+06	-0.59	0.0	0.0	-3.010e+04	3982.03	-3251.80	3.671e+05	1.058e+06	-9.702e+05
		-9.702e+05	-4.079e+05	2.32	0.0	225.0	-2.925e+04	3982.03	-3251.80	3.671e+05	3.252e+05	-7.825e+04
						450.0	-2.839e+04	3982.03	-3251.80	3.671e+05	-4.079e+05	8.217e+05
117	23	7.923e+05	4.042e+05	0.60	0.0	0.0	-3.055e+04	-3593.12	3193.25	-3.646e+05	-1.035e+06	7.923e+05
		-8.246e+05	-1.035e+06	-2.31	0.0	225.0	-2.969e+04	-3593.12	3193.25	-3.646e+05	3.156e+05	-1.613e+04
						450.0	-2.884e+04	-3593.12	3193.25	-3.646e+05	4.042e+05	-8.246e+05
117	37	1.377e+06	-7013.90	-0.99	0.0	0.0	-2.973e+04	6536.45	57.34	-4.448e+04	-3.318e+04	-1.564e+06
		-1.564e+06	-3.318e+04	-0.52	0.0	225.0	-2.887e+04	6536.45	57.34	-4.448e+04	-2.010e+04	-9.352e+04
						450.0	-2.801e+04	6536.45	57.34	-4.448e+04	-7013.90	1.377e+06
117	38	1.410e+06	2.798e+05	-1.02	0.0	0.0	-2.975e+04	6688.43	-899.25	6.980e+04	2.798e+05	-1.600e+06
		-1.600e+06	-1.255e+05	0.24	0.0	225.0	-2.890e+04	6688.43	-899.25	6.980e+04	7.712e+04	-9.473e+04
						450.0	-2.804e+04	6688.43	-899.25	6.980e+04	-1.255e+05	1.410e+06
117	39	1.422e+06	1.219e+05	1.02	0.0	0.0	-3.090e+04	-6299.52	840.70	-6.729e+04	-2.570e+05	1.422e+06
		-1.413e+06	-2.570e+05	-0.23	0.0	225.0	-2.960e+04	-6299.52	840.70	-6.729e+04	-6.758e+04	4355.27
						450.0	-2.919e+04	-6299.52	840.70	-6.729e+04	1.219e+05	-1.413e+06
117	40	1.386e+06	5.590e+04	1.00	0.0	0.0	-3.093e+04	-6147.54	-115.89	4.700e+04	5.590e+04	1.386e+06
		-1.380e+06	3389.04	0.53	0.0	225.0	-3.007e+04	-6147.54	-115.89	4.700e+04	2.964e+04	3150.55
						450.0	-2.922e+04	-6147.54	-115.89	4.700e+04	3389.04	-1.380e+06
117	54	4.721e+05	5.665e+05	-0.34	0.0	0.0	-3.020e+04	2373.15	-1741.10	1.952e+05	5.665e+05	-5.958e+05
		-5.958e+05	-2.187e+05	1.22	0.0	225.0	-2.934e+04	2373.15	-1741.10	1.952e+05	1.739e+05	-6.188e+04
						450.0	-2.848e+04	2373.15	-1741.10	1.952e+05	-2.187e+05	4.721e+05
117	55	4.180e+05	2.150e+05	0.35	0.0	0.0	-3.046e+04	-1984.24	1682.55	-1.926e+05	-5.438e+05	4.180e+05
		-4.750e+05	-5.438e+05	-1.22	0.0	225.0	-2.960e+04	-1984.24	1682.55	-1.926e+05	-1.644e+05	-2.850e+04
						450.0	-2.875e+04	-1984.24	1682.55	-1.926e+05	2.150e+05	-4.750e+05
117	69	-1672.41	1.114e+04	0.02	0.0	0.0	-2.925e+04	186.80	-28.77	1231.54	1.114e+04	-8.573e+04
		-8.573e+04	-1809.45	3.13e-03	0.0	225.0	-2.839e+04	186.80	-28.77	1231.54	4663.11	-4.370e+04

							450.0	-2.754e+04	186.80	-28.77	1231.54	-1809.45	-1672.41
117	70	-880.20	1.189e+04	0.02	0.0	0.0	0.0	-3.285e+04	212.32	-30.46	1316.25	1.189e+04	-9.643e+04
		-9.643e+04	-1819.38	3.52e-03	0.0	0.0	225.0	-3.199e+04	212.32	-30.46	1316.25	5033.34	-4.865e+04
							450.0	-3.114e+04	212.32	-30.46	1316.25	-1819.38	-880.20
117	71	-1672.41	1.114e+04	0.02	0.0	0.0	0.0	-2.925e+04	186.80	-28.77	1231.54	1.114e+04	-8.573e+04
		-8.573e+04	-1809.45	3.13e-03	0.0	0.0	225.0	-2.839e+04	186.80	-28.77	1231.54	4663.11	-4.370e+04
							450.0	-2.754e+04	186.80	-28.77	1231.54	-1809.45	-1672.41
117	72	-1276.31	1.151e+04	0.02	0.0	0.0	0.0	-3.105e+04	199.56	-29.61	1273.89	1.151e+04	-9.108e+04
		-9.108e+04	-1814.41	3.33e-03	0.0	0.0	225.0	-3.019e+04	199.56	-29.61	1273.89	4848.22	-4.618e+04
							450.0	-2.934e+04	199.56	-29.61	1273.89	-1814.41	-1276.31
117	73	-1672.41	1.114e+04	0.02	0.0	0.0	0.0	-2.925e+04	186.80	-28.77	1231.54	1.114e+04	-8.573e+04
		-8.573e+04	-1809.45	3.13e-03	0.0	0.0	225.0	-2.839e+04	186.80	-28.77	1231.54	4663.11	-4.370e+04
							450.0	-2.754e+04	186.80	-28.77	1231.54	-1809.45	-1672.41
117	74	-1434.75	1.136e+04	0.02	0.0	0.0	0.0	-3.033e+04	194.45	-29.27	1256.95	1.136e+04	-8.894e+04
		-8.894e+04	-1812.43	3.25e-03	0.0	0.0	225.0	-2.947e+04	194.45	-29.27	1256.95	4774.18	-4.519e+04
							450.0	-2.862e+04	194.45	-29.27	1256.95	-1812.43	-1434.75
118	1	-5.511e+04	1.940e+04	-3.26e-03	0.0	0.0	0.0	-8470.81	-2009.93	251.30	-3996.43	7375.36	-5.511e+04
		-1.353e+05	7375.36	1.30e-03	0.0	0.0	20.0	-8357.06	-2009.93	251.30	-3996.43	1.339e+04	-9.520e+04
							40.0	-8243.31	-2009.93	251.30	-3996.43	1.940e+04	-1.353e+05
118	2	-6.211e+04	1.187e+04	-4.09e-03	0.0	0.0	0.0	-1.010e+04	-2297.89	143.23	-5006.86	4006.31	-6.211e+04
		-1.538e+05	4006.31	1.67e-03	0.0	0.0	20.0	-9985.01	-2297.89	143.23	-5006.86	7937.40	-1.080e+05
							40.0	-9871.26	-2297.89	143.23	-5006.86	1.187e+04	-1.538e+05
118	3	-4.239e+04	1.492e+04	-2.51e-03	0.0	0.0	0.0	-6516.00	-1546.10	193.31	-3074.17	5673.35	-4.239e+04
		-1.041e+05	5673.35	1.00e-03	0.0	0.0	20.0	-6428.50	-1546.10	193.31	-3074.17	1.030e+04	-7.323e+04
							40.0	-6341.00	-1546.10	193.31	-3074.17	1.492e+04	-1.041e+05
118	4	-4.940e+04	7391.86	-3.34e-03	0.0	0.0	0.0	-8143.96	-1834.06	85.24	-4084.61	2304.30	-4.940e+04
		-1.226e+05	2304.30	1.37e-03	0.0	0.0	20.0	-8056.46	-1834.06	85.24	-4084.61	4848.08	-8.600e+04
							40.0	-7968.96	-1834.06	85.24	-4084.61	7391.86	-1.226e+05
118	5	-1.614e+05	-2.252e+04	-9.73e-03	0.0	0.0	0.0	-7684.41	-9772.23	-6340.36	-1.387e+05	-2.252e+04	-1.614e+05
		-5.000e+05	-3.352e+05	-0.01	0.0	0.0	20.0	-7596.91	-9772.23	-6340.36	-1.387e+05	-1.789e+05	-3.307e+05
							40.0	-7509.41	-9772.23	-6340.36	-1.387e+05	-3.352e+05	-5.000e+05
118	8	2.845e+05	3.620e+05	4.39e-03	0.0	0.0	0.0	-5998.78	6564.84	6683.75	1.321e+05	3.252e+04	7.381e+04
		7.381e+04	3.252e+04	0.01	0.0	0.0	20.0	-5911.28	6564.84	6683.75	1.321e+05	1.973e+05	1.791e+05
							40.0	-5823.78	6564.84	6683.75	1.321e+05	3.620e+05	2.845e+05
118	21	-6.772e+04	-2.558e+05	0.01	0.0	0.0	0.0	-4598.64	-6341.96	-1.475e+04	-1.380e+05	-2.558e+05	-6.772e+04
		-3.068e+05	-7.108e+05	-0.03	0.0	0.0	20.0	-4511.14	-6341.96	-1.475e+04	-1.380e+05	-4.833e+05	-7.108e+05
							40.0	-4423.64	-6341.96	-1.475e+04	-1.380e+05	-7.108e+05	-3.068e+05
118	22	-9.266e+04	6.510e+05	-0.02	0.0	0.0	0.0	-1.008e+04	-1314.03	1.375e+04	6.882e+04	2.992e+05	-9.266e+04
		-1.280e+05	2.992e+05	0.03	0.0	0.0	20.0	-9996.41	-1314.03	1.375e+04	6.882e+04	4.751e+05	-1.103e+05
							40.0	-9908.91	-1314.03	1.375e+04	6.882e+04	6.510e+05	-1.280e+05
118	23	5077.81	-2.892e+05	0.02	0.0	0.0	0.0	-3599.28	-1893.36	-1.340e+04	-7.537e+04	-2.892e+05	5077.81
		-8.756e+04	-6.242e+05	-0.03	0.0	0.0	20.0	-3511.78	-1893.36	-1.340e+04	-7.537e+04	-4.567e+05	-4.124e+04
							40.0	-3424.28	-1893.36	-1.340e+04	-7.537e+04	-6.242e+05	-8.756e+04
118	24	9.125e+04	7.376e+05	-0.02	0.0	0.0	0.0	-9084.55	3134.58	1.509e+04	1.314e+05	2.658e+05	-1.986e+04
		-1.986e+04	2.658e+05	0.03	0.0	0.0	20.0	-8997.05	3134.58	1.509e+04	1.314e+05	5.017e+05	3.570e+04
							40.0	-8909.55	3134.58	1.509e+04	1.314e+05	7.376e+05	9.125e+04
118	37	-1.118e+05	-1.123e+04	-6.83e-03	0.0	0.0	0.0	-7339.05	-6279.93	-3382.56	-8.001e+04	-1.123e+04	-1.118e+05
		-3.328e+05	-1.815e+05	-6.54e-03	0.0	0.0	20.0	-7251.55	-6279.93	-3382.56	-8.001e+04	-9.639e+04	-2.232e+05
							40.0	-7164.05	-6279.93	-3382.56	-8.001e+04	-1.815e+05	-3.328e+05
118	40	1.172e+05	2.084e+05	1.48e-03	0.0	0.0	0.0	-6344.14	3072.55	3725.95	7.345e+04	2.123e+04	2.425e+04
		2.425e+04	2.123e+04	8.69e-03	0.0	0.0	20.0	-6256.64	3072.55	3725.95	7.345e+04	1.148e+05	7.074e+04
							40.0	-6169.14	3072.55	3725.95	7.345e+04	2.084e+05	1.172e+05
118	53	-5.820e+04	-1.446e+05	4.80e-03	0.0	0.0	0.0	-6632.91	-4231.89	-7856.15	-7.595e+04	-1.446e+05	-5.820e+04
		-2.190e+05	-3.897e+05	-0.02	0.0	0.0	20.0	-5545.41	-4231.89	-7856.15	-7.595e+04	-2.671e+05	-1.386e+05
							40.0	-5457.91	-4231.89	-7856.15	-7.595e+04	-3.897e+05	-2.190e+05
118	54	-7.139e+04	3.677e+05	-0.01	0.0	0.0	0.0	-8617.35	-1538.87	7444.00	3.318e+04	1.735e+05	-7.139e+04
		-1.229e+05	1.735e+05	0.02	0.0	0.0	20.0	-8529.85	-1538.87	7444.00	3.318e+04	2.706e+05	-9.714e+04
							40.0	-8442.35	-1538.87	7444.00	3.318e+04	3.677e+05	-1.229e+05
118	55	-1.619e+04	-1.635e+05	9.02e-03	0.0	0.0	0.0	-5065.84	-1668.52	-7100.61	-3.973e+04	-1.635e+05	-1.619e+04
		-9.267e+04	-3.408e+05	-0.01	0.0	0.0	20.0	-4978.34	-1668.52	-7100.61	-3.973e+04	-2.522e+05	-5.443e+04
							40.0	-4890.84	-1668.52	-7100.61	-3.973e+04	-3.408e+05	-9.267e+04
118	56	3460.03	4.165e+05	-0.01	0.0	0.0	0.0	-8050.28	1024.51	8199.54	6.939e+04	1.546e+05	-2.938e+04
		-2.938e+04	1.546e+05	0.02	0.0	0.0	20.0	-7962.78	1024.51	8199.54	6.939e+04	2.856e+05	-1.296e+04
							40.0	-7875.28	1024.51	8199.54	6.939e+04	4.165e+05	3460.03
118	69	-4.239e+04	1.492e+04	-2.51e-03	0.0	0.0	0.0	-6516.00	-1546.10	193.31	-3074.17	5673.35	-4.239e+04
		-1.041e+05	5673.35	1.00e-03	0.0	0.0	20.0	-6428.50	-1546.10	193.31	-3074.17	1.030e+04	-7.323e+04
							40.0	-6341.00	-1546.10	193.31	-3074.17	1.492e+04	-1.041e+05
118	70	-4.706e+04	9901.93	-3.06e-03	0.0	0.0	0.0	-7601.31	-1738.07	121.26	-3747.79	3427.32	-4.706e+04
		-1.164e+05	3427.32	1.24e-03	0.0	0.0	20.0	-7513.81	-1738.07	121.26	-3747.79	6664.63	-8.175e+04
							40.0	-7426.31	-1738.07	121.26	-3747.79	9901.93	-1.164e+05
118	71	-4.239e+04	1.492e+04	-2.51e-03	0.0	0.0	0.0	-6516.00	-1546.10	193.31	-3074.17	5673.35	-4.239e+04
		-1.041e+05	5673.35	1.00e-03	0.0	0.0	20.0	-6428.50	-1546.10	193.31	-3074.17	1.030e+04	-7.323e+04
							40.0	-6341.00	-1546.10	193.31	-3074.17	1.492e+04	-1.041e+05
118	72	-4.472e+04	1.241e+04	-2.78e-03	0.0	0.0	0.0	-7058.66	-1642.09	157.29	-3410.98	4550.34	-4.472e+04
		-1.103e+05	4550.34	1.12e-03	0.0	0.0	20.0	-6971.16	-1642.09	157.29	-3410.98	8481.17	-7.749e+04
							40.0	-6883.66	-1642.09	157.29	-3410.98	1.241e+04	-1.103e+05
118	73	-4.239e+04	1.492e+04	-2.51e-03	0.0	0.0	0.0	-6516.00	-1546.10	193.31	-3074.17	5673.35	-4.239e+04

		-1.041e+05	5673.35	1.00e-03	0.0	20.0	-6428.50	-1546.10	193.31	-3074.17	1.030e+04	-7.323e+04
						40.0	-6341.00	-1546.10	193.31	-3074.17	1.492e+04	-1.041e+05
118	74	-4.379e+04	1.342e+04	-2.67e-03	0.0	0.0	-6841.59	-1603.69	171.70	-3276.26	4999.54	-4.379e+04
		-1.078e+05	4999.54	1.07e-03	0.0	20.0	-6754.09	-1603.69	171.70	-3276.26	9207.79	-7.579e+04
						40.0	-6666.59	-1603.69	171.70	-3276.26	1.342e+04	-1.078e+05
119	2	-1.358e+05	1.433e+04	-0.01	0.0	0.0	-1.351e+04	1139.24	-204.51	1233.04	1.433e+04	-1.752e+05
		-1.752e+05	6147.64	-1.32e-03	0.0	20.0	-1.340e+04	1139.24	-204.51	1233.04	1.024e+04	-1.555e+05
						40.0	-1.328e+04	1139.24	-204.51	1233.04	6147.64	-1.358e+05
119	3	-9.515e+04	9624.42	-8.34e-03	0.0	0.0	-8975.89	787.19	-131.96	867.33	9624.42	-1.224e+05
		-1.224e+05	4345.68	-8.74e-04	0.0	20.0	-8888.39	787.19	-131.96	867.33	6985.05	-1.088e+05
						40.0	-8800.89	787.19	-131.96	867.33	4345.68	-9.515e+04
119	13	-8.303e+05	-7.143e+04	-0.06	0.0	0.0	-1.037e+04	410.82	-1.256e+04	-5124.73	-7.143e+04	-8.425e+05
		-8.425e+05	-6.744e+05	-3.44e-03	0.0	20.0	-1.028e+04	410.82	-1.256e+04	-5124.73	-3.729e+05	-8.364e+05
						40.0	-1.019e+04	410.82	-1.256e+04	-5124.73	-6.744e+05	-8.303e+05
119	14	-8.508e+05	3.690e+05	-0.06	0.0	0.0	-1.017e+04	379.94	7294.95	5.302e+04	2.108e+05	-8.621e+05
		-8.621e+05	2.108e+05	2.40e-03	0.0	20.0	-1.008e+04	379.94	7294.95	5.302e+04	2.899e+05	-8.564e+05
						40.0	-9997.23	379.94	7294.95	5.302e+04	3.690e+05	-8.508e+05
119	15	6.557e+05	-1.908e+05	0.04	0.0	0.0	-8516.59	1240.79	-7572.06	-5.125e+04	-1.908e+05	6.109e+05
		6.109e+05	-3.601e+05	-4.22e-03	0.0	20.0	-8429.09	1240.79	-7572.06	-5.125e+04	-2.755e+05	6.333e+05
						40.0	-8341.59	1240.79	-7572.06	-5.125e+04	-3.601e+05	6.557e+05
119	16	6.352e+05	6.833e+05	0.04	0.0	0.0	-8321.04	1209.91	1.228e+04	6901.59	9.141e+04	5.913e+05
		5.913e+05	9.141e+04	1.62e-03	0.0	20.0	-8233.54	1209.91	1.228e+04	6901.59	3.873e+05	6.132e+05
						40.0	-8146.04	1209.91	1.228e+04	6901.59	6.833e+05	6.352e+05
119	21	-2.390e+05	-5.011e+05	-0.02	0.0	0.0	-9910.65	766.08	-3.516e+04	-7.817e+04	-5.011e+05	-2.649e+05
		-2.649e+05	-1.852e+06	-0.01	0.0	20.0	-9823.15	766.08	-3.516e+04	-7.817e+04	-1.177e+06	-2.520e+05
						40.0	-9735.65	766.08	-3.516e+04	-7.817e+04	-1.852e+06	-2.390e+05
119	24	4.389e+04	1.861e+06	5.32e-03	0.0	0.0	-8778.17	854.65	3.489e+04	7.995e+04	5.211e+05	1.368e+04
		1.368e+04	5.211e+05	8.95e-03	0.0	20.0	-8690.67	854.65	3.489e+04	7.995e+04	1.191e+06	2.878e+04
						40.0	-8603.17	854.65	3.489e+04	7.995e+04	1.861e+06	4.389e+04
119	45	-5.202e+05	-3.575e+04	-0.04	0.0	0.0	-9930.10	579.36	-6915.88	-1203.61	-3.575e+04	-5.391e+05
		-5.391e+05	-3.706e+05	-2.25e-03	0.0	20.0	-9842.60	579.36	-6915.88	-1203.61	-2.032e+05	-5.297e+05
						40.0	-9755.10	579.36	-6915.88	-1203.61	-3.706e+05	-5.202e+05
119	46	-5.319e+05	2.007e+05	-0.04	0.0	0.0	-9826.26	562.78	3819.66	2.947e+04	1.242e+05	-5.502e+05
		-5.502e+05	1.242e+05	8.60e-04	0.0	20.0	-9738.76	562.78	3819.66	2.947e+04	1.625e+05	-5.410e+05
						40.0	-9651.26	562.78	3819.66	2.947e+04	2.007e+05	-5.319e+05
119	47	3.367e+05	-1.043e+05	0.02	0.0	0.0	-8862.56	1057.95	-4096.77	-2.769e+04	1.043e+05	2.990e+05
		2.990e+05	-1.918e+05	-2.68e-03	0.0	20.0	-8775.06	1057.95	-4096.77	-2.769e+04	-1.480e+05	3.179e+05
						40.0	-8687.56	1057.95	-4096.77	-2.769e+04	-1.918e+05	3.367e+05
119	48	3.251e+05	3.795e+05	0.02	0.0	0.0	-8758.73	1041.38	6638.77	2980.48	5.572e+04	2.879e+05
		2.879e+05	5.572e+04	4.27e-04	0.0	20.0	-8671.23	1041.38	6638.77	2980.48	2.176e+05	3.065e+05
						40.0	-8583.73	1041.38	6638.77	2980.48	3.795e+05	3.251e+05
119	53	-1.793e+05	-2.803e+05	-0.02	0.0	0.0	-9655.81	782.89	-1.915e+04	-4.005e+04	-2.803e+05	-2.060e+05
		-2.060e+05	-1.016e+06	-6.14e-03	0.0	20.0	-9568.31	782.89	-1.915e+04	-4.005e+04	-6.480e+05	-1.926e+05
						40.0	-9480.81	782.89	-1.915e+04	-4.005e+04	-1.016e+06	-1.793e+05
119	56	-1.586e+04	1.025e+06	-6.79e-04	0.0	0.0	-9033.01	837.85	1.887e+04	4.183e+04	3.002e+05	-4.520e+04
		-4.520e+04	3.002e+05	4.32e-03	0.0	20.0	-8945.51	837.85	1.887e+04	4.183e+04	6.625e+05	-3.053e+04
						40.0	-8858.01	837.85	1.887e+04	4.183e+04	1.025e+06	-1.586e+04
119	69	-9.515e+04	9624.42	-8.34e-03	0.0	0.0	-8975.89	787.19	-131.96	867.33	9624.42	-1.224e+05
		-1.224e+05	4345.68	-8.74e-04	0.0	20.0	-8888.39	787.19	-131.96	867.33	6985.05	-1.088e+05
						40.0	-8800.89	787.19	-131.96	867.33	4345.68	-9.515e+04
119	70	-1.032e+05	1.084e+04	-9.40e-03	0.0	0.0	-1.020e+04	864.45	-153.93	937.67	1.084e+04	-1.331e+05
		-1.331e+05	4677.85	-9.98e-04	0.0	20.0	-1.012e+04	864.45	-153.93	937.67	7756.58	-1.182e+05
						40.0	-1.003e+04	864.45	-153.93	937.67	4677.85	-1.032e+05
119	71	-9.515e+04	9624.42	-8.34e-03	0.0	0.0	-8975.89	787.19	-131.96	867.33	9624.42	-1.224e+05
		-1.224e+05	4345.68	-8.74e-04	0.0	20.0	-8888.39	787.19	-131.96	867.33	6985.05	-1.088e+05
						40.0	-8800.89	787.19	-131.96	867.33	4345.68	-9.515e+04
119	72	-9.918e+04	1.023e+04	-8.87e-03	0.0	0.0	-9590.09	825.82	-142.95	902.50	1.023e+04	-1.278e+05
		-1.278e+05	4511.76	-9.36e-04	0.0	20.0	-9502.59	825.82	-142.95	902.50	7370.81	-1.135e+05
						40.0	-9415.09	825.82	-142.95	902.50	4511.76	-9.918e+04
119	73	-9.515e+04	9624.42	-8.34e-03	0.0	0.0	-8975.89	787.19	-131.96	867.33	9624.42	-1.224e+05
		-1.224e+05	4345.68	-8.74e-04	0.0	20.0	-8888.39	787.19	-131.96	867.33	6985.05	-1.088e+05
						40.0	-8800.89	787.19	-131.96	867.33	4345.68	-9.515e+04
119	74	-9.757e+04	9987.68	-8.66e-03	0.0	0.0	-9344.41	810.37	-138.55	888.43	9987.68	-1.256e+05
		-1.256e+05	4445.33	-9.12e-04	0.0	20.0	-9256.91	810.37	-138.55	888.43	7216.51	-1.116e+05
						40.0	-9169.41	810.37	-138.55	888.43	4445.33	-9.757e+04
120	2	-1.699e+05	6.750e+04	-0.01	0.0	0.0	-1.494e+04	1433.77	728.98	-1958.87	3.834e+04	-2.218e+05
		-2.218e+05	3.834e+04	-2.82e-03	0.0	20.0	-1.482e+04	1433.77	728.98	-1958.87	5.292e+04	-1.958e+05
						40.0	-1.471e+04	1433.77	728.98	-1958.87	6.750e+04	-1.699e+05
120	3	-1.179e+05	4.840e+04	-6.90e-03	0.0	0.0	-9882.90	983.97	529.63	-1350.75	2.721e+04	-1.535e+05
		-1.535e+05	2.721e+04	-2.03e-03	0.0	20.0	-9795.40	983.97	529.63	-1350.75	3.780e+04	-1.357e+05
						40.0	-9707.90	983.97	529.63	-1350.75	4.840e+04	-1.179e+05
120	5	-9.269e+05	-2.042e+05	-0.05	0.0	0.0	-1.089e+04	1082.79	-1.484e+04	-5.342e+04	-2.042e+05	-9.605e+05
		-9.605e+05	-7.748e+05	-6.94e-03	0.0	20.0	-1.080e+04	1082.79	-1.484e+04	-5.342e+04	-4.895e+05	-9.437e+05
						40.0	-1.072e+04	1082.79	-1.484e+04	-5.342e+04	-7.748e+05	-9.269e+05
120	6	-9.061e+05	2.353e+05	-0.06	0.0	0.0	-1.129e+04	1127.14	5004.03	-1099.90	5.427e+04	-9.402e+05
		-9.402e+05	5.427e+04	-1.27e-03	0.0	20.0	-1.120e+04	1127.14	5004.03	-1099.90	1.448e+05	-9.231e+05
						40.0	-1.112e+04	1127.14	5004.03	-1099.90	2.353e+05	-9.061e+05

120	7	6.636e+05	1341.22	0.04	0.0	0.0	-9310.18	902.65	-3928.59	-1682.76	1341.22	6.243e+05
		6.243e+05	-1.367e+05	-2.86e-03	0.0	20.0	-9222.68	902.65	-3928.59	-1682.76	-6.768e+04	6.440e+05
						40.0	-9135.18	902.65	-3928.59	-1682.76	-1.367e+05	6.636e+05
120	8	6.844e+05	8.735e+05	0.04	0.0	0.0	-9710.40	947.00	1.592e+04	5.064e+04	2.599e+05	6.446e+05
		6.446e+05	2.599e+05	2.81e-03	0.0	20.0	-9622.90	947.00	1.592e+04	5.064e+04	5.667e+05	6.645e+05
						40.0	-9535.40	947.00	1.592e+04	5.064e+04	8.735e+05	6.844e+05
120	21	-3.945e+05	-4.339e+05	-0.02	0.0	0.0	-9870.62	968.01	-3.417e+04	-9.635e+04	-4.339e+05	-4.295e+05
		-4.295e+05	-1.730e+06	-0.01	0.0	20.0	-9783.12	968.01	-3.417e+04	-9.635e+04	-1.082e+06	-4.120e+05
						40.0	-9695.62	968.01	-3.417e+04	-9.635e+04	-1.730e+06	-3.945e+05
120	24	1.520e+05	1.829e+06	4.54e-03	0.0	0.0	-1.073e+04	1061.78	3.525e+04	9.357e+04	4.895e+05	1.136e+05
		1.136e+05	4.895e+05	8.00e-03	0.0	20.0	-1.064e+04	1061.78	3.525e+04	9.357e+04	1.159e+06	1.328e+05
						40.0	-1.056e+04	1061.78	3.525e+04	9.357e+04	1.829e+06	1.520e+05
120	37	-5.847e+05	-1.046e+05	-0.03	0.0	0.0	-1.064e+04	1055.00	-7895.29	-3.021e+04	-1.046e+05	-6.197e+05
		-6.197e+05	-4.079e+05	-4.79e-03	0.0	20.0	-1.056e+04	1055.00	-7895.29	-3.021e+04	-2.562e+05	-6.022e+05
						40.0	-1.047e+04	1055.00	-7895.29	-3.021e+04	-4.079e+05	-5.847e+05
120	38	-5.728e+05	1.456e+05	-0.04	0.0	0.0	-1.086e+04	1078.93	2830.48	-2623.08	4.277e+04	-6.080e+05
		-6.080e+05	4.277e+04	-1.76e-03	0.0	20.0	-1.077e+04	1078.93	2830.48	-2623.08	9.419e+04	-5.904e+05
						40.0	-1.068e+04	1078.93	2830.48	-2623.08	1.456e+05	-5.728e+05
120	39	3.304e+05	1.284e+04	0.02	0.0	0.0	-9741.98	950.86	-1755.04	-159.58	1.284e+04	2.921e+05
		2.921e+05	-4.698e+04	-2.38e-03	0.0	20.0	-9654.48	950.86	-1755.04	-159.58	-1.707e+04	3.113e+05
						40.0	-9566.98	950.86	-1755.04	-159.58	-4.698e+04	3.304e+05
120	40	3.423e+05	5.065e+05	0.02	0.0	0.0	-9956.37	974.80	8970.73	2.743e+04	1.602e+05	3.038e+05
		3.038e+05	1.602e+05	6.56e-04	0.0	20.0	-9868.87	974.80	8970.73	2.743e+04	3.334e+05	3.231e+05
						40.0	-9781.37	974.80	8970.73	2.743e+04	5.065e+05	3.423e+05
120	53	-2.784e+05	-2.354e+05	-0.01	0.0	0.0	-1.008e+04	990.63	-1.826e+04	-5.188e+04	-2.354e+05	-3.142e+05
		-3.142e+05	-9.273e+05	-7.49e-03	0.0	20.0	-9991.17	990.63	-1.826e+04	-5.188e+04	-5.814e+05	-2.963e+05
						40.0	-9903.67	990.63	-1.826e+04	-5.188e+04	-9.273e+05	-2.784e+05
120	56	3.597e+04	1.026e+06	-3.58e-04	0.0	0.0	-1.052e+04	1039.16	1.934e+04	4.910e+04	2.910e+05	-1714.22
		-1714.22	2.910e+05	3.35e-03	0.0	20.0	-1.043e+04	1039.16	1.934e+04	4.910e+04	6.585e+05	1.713e+04
						40.0	-1.035e+04	1039.16	1.934e+04	4.910e+04	1.026e+06	3.597e+04
120	69	-1.179e+05	4.840e+04	-6.90e-03	0.0	0.0	-9882.90	983.97	529.63	-1350.75	2.721e+04	-1.535e+05
		-1.535e+05	2.721e+04	-2.03e-03	0.0	20.0	-9795.40	983.97	529.63	-1350.75	3.780e+04	-1.357e+05
						40.0	-9707.90	983.97	529.63	-1350.75	4.840e+04	-1.179e+05
120	70	-1.290e+05	5.145e+04	-7.82e-03	0.0	0.0	-1.128e+04	1087.05	556.60	-1486.01	2.919e+04	-1.683e+05
		-1.683e+05	2.919e+04	-2.15e-03	0.0	20.0	-1.119e+04	1087.05	556.60	-1486.01	4.032e+04	-1.486e+05
						40.0	-1.110e+04	1087.05	556.60	-1486.01	5.145e+04	-1.290e+05
120	71	-1.179e+05	4.840e+04	-6.90e-03	0.0	0.0	-9882.90	983.97	529.63	-1350.75	2.721e+04	-1.535e+05
		-1.535e+05	2.721e+04	-2.03e-03	0.0	20.0	-9795.40	983.97	529.63	-1350.75	3.780e+04	-1.357e+05
						40.0	-9707.90	983.97	529.63	-1350.75	4.840e+04	-1.179e+05
120	72	-1.234e+05	4.993e+04	-7.36e-03	0.0	0.0	-1.058e+04	1035.51	543.12	-1418.38	2.820e+04	-1.609e+05
		-1.609e+05	2.820e+04	-2.09e-03	0.0	20.0	-1.049e+04	1035.51	543.12	-1418.38	3.906e+04	-1.422e+05
						40.0	-1.040e+04	1035.51	543.12	-1418.38	4.993e+04	-1.234e+05
120	73	-1.179e+05	4.840e+04	-6.90e-03	0.0	0.0	-9882.90	983.97	529.63	-1350.75	2.721e+04	-1.535e+05
		-1.535e+05	2.721e+04	-2.03e-03	0.0	20.0	-9795.40	983.97	529.63	-1350.75	3.780e+04	-1.357e+05
						40.0	-9707.90	983.97	529.63	-1350.75	4.840e+04	-1.179e+05
120	74	-1.212e+05	4.931e+04	-7.17e-03	0.0	0.0	-1.030e+04	1014.90	537.72	-1391.33	2.781e+04	-1.579e+05
		-1.579e+05	2.781e+04	-2.07e-03	0.0	20.0	-1.021e+04	1014.90	537.72	-1391.33	3.856e+04	-1.396e+05
						40.0	-1.013e+04	1014.90	537.72	-1391.33	4.931e+04	-1.212e+05
317	2	1.269e+05	5.456e+04	0.03	0.0	0.0	-2.496e+04	326.30	180.02	-1723.59	-1.924e+04	-6900.80
		-6900.80	-1.924e+04	2.83e-03	0.0	205.0	-2.379e+04	326.30	180.02	-1723.59	1.766e+04	5.999e+04
						410.0	-2.263e+04	326.30	180.02	-1723.59	5.456e+04	1.269e+05
317	3	4.197e+04	3.548e+04	0.01	0.0	0.0	-1.623e+04	103.33	116.35	-1236.09	-1.222e+04	-392.21
		-392.21	-1.222e+04	2.00e-03	0.0	205.0	-1.533e+04	103.33	116.35	-1236.09	1.163e+04	2.079e+04
						410.0	-1.444e+04	103.33	116.35	-1236.09	3.548e+04	4.197e+04
317	6	2.758e+05	1.806e+06	0.83	0.0	0.0	-1.705e+04	-607.16	-7710.51	-1.211e+05	1.806e+06	2.758e+05
		2.672e+04	-1.356e+06	0.57	0.0	205.0	-1.615e+04	-607.16	-7710.51	-1.211e+05	2.249e+05	1.513e+05
						410.0	-1.525e+04	-607.16	-7710.51	-1.211e+05	1.356e+06	2.672e+04
317	7	8.615e+04	1.430e+06	-0.80	0.0	0.0	-1.696e+04	890.61	7954.72	1.185e+05	-1.831e+06	-2.791e+05
		-2.791e+05	-1.831e+06	-0.57	0.0	205.0	-1.606e+04	890.61	7954.72	1.185e+05	-2.007e+05	-9.649e+04
						410.0	-1.517e+04	890.61	7954.72	1.185e+05	1.430e+06	8.615e+04
317	29	3.806e+05	6.014e+05	-3.53	0.0	0.0	-1.694e+04	4617.74	-2520.62	9.656e+04	6.014e+05	-1.520e+06
		-1.520e+06	-4.322e+05	0.20	0.0	205.0	-1.604e+04	4617.74	-2520.62	9.656e+04	8.461e+04	-5.697e+05
						410.0	-1.514e+04	4617.74	-2520.62	9.656e+04	-4.322e+05	3.806e+05
317	30	1.446e+06	4.492e+05	3.46	0.0	0.0	-1.708e+04	-4101.86	-1870.44	-1.327e+05	4.492e+05	1.446e+06
		-2.427e+05	-3.176e+05	0.15	0.0	205.0	-1.619e+04	-4101.86	-1870.44	-1.327e+05	6.582e+04	6.017e+05
						410.0	-1.529e+04	-4101.86	-1870.44	-1.327e+05	-3.176e+05	-2.427e+05
317	31	3.556e+05	3.919e+05	-3.43	0.0	0.0	-1.692e+04	4385.30	2114.65	1.302e+05	-4.750e+05	-1.450e+06
		-1.450e+06	-4.750e+05	-0.14	0.0	205.0	-1.603e+04	4385.30	2114.65	1.302e+05	-4.154e+04	-5.470e+05
						410.0	-1.513e+04	4385.30	2114.65	1.302e+05	3.919e+05	3.556e+05
317	32	1.517e+06	5.065e+05	3.56	0.0	0.0	-1.707e+04	-4334.30	2764.83	-9.908e+04	-6.272e+05	1.517e+06
		-2.678e+05	-6.272e+05	-0.19	0.0	205.0	-1.617e+04	-4334.30	2764.83	-9.908e+04	-6.033e+04	6.245e+05
						410.0	-1.527e+04	-4334.30	2764.83	-9.908e+04	5.065e+05	-2.678e+05
317	38	1.420e+05	1.033e+06	0.44	0.0	0.0	-1.703e+04	-244.79	-4382.84	-6.662e+04	1.033e+06	1.420e+05
		4.157e+04	-7.639e+05	0.33	0.0	205.0	-1.613e+04	-244.79	-4382.84	-6.662e+04	1.346e+05	9.180e+04
						410.0	-1.523e+04	-244.79	-4382.84	-6.662e+04	-7.639e+05	4.157e+04
317	39	7.131e+04	8.383e+05	-0.41	0.0	0.0	-1.698e+04	528.23	4627.05	6.410e+04	-1.059e+06	-1.454e+05
		-1.454e+05	-1.059e+06	-0.33	0.0	205.0	-1.608e+04	528.23	4627.05	6.410e+04	-1.103e+05	-3.704e+04

						410.0-1.518e+04	528.23	4627.05	6.410e+04	8.383e+05	7.131e+04
317	61	2.303e+05	3.398e+05	-1.85	0.0	0.0-1.697e+04	2515.23	-1395.59	5.049e+04	3.398e+05	-8.055e+05
		-8.055e+05	-2.325e+05	0.11	0.0	205.0-1.607e+04	2515.23	-1395.59	5.049e+04	5.365e+04	-2.876e+05
						410.0-1.518e+04	2515.23	-1395.59	5.049e+04	-2.325e+05	2.303e+05
317	62	7.634e+05	2.538e+05	1.83	0.0	0.0-1.705e+04	-2104.01	-1027.32	-7.155e+04	2.538e+05	7.634e+05
		-1.037e+05	-1.674e+05	0.08	0.0	205.0-1.615e+04	-2104.01	-1027.32	-7.155e+04	4.321e+04	3.298e+05
						410.0-1.525e+04	-2104.01	-1027.32	-7.155e+04	-1.674e+05	-1.037e+05
317	63	2.166e+05	2.417e+05	-1.80	0.0	0.0-1.696e+04	2387.46	1271.53	6.903e+04	-2.796e+05	-7.667e+05
		-7.667e+05	-2.796e+05	-0.08	0.0	205.0-1.606e+04	2387.46	1271.53	6.903e+04	-1.894e+04	-2.751e+05
						410.0-1.517e+04	2387.46	1271.53	6.903e+04	2.417e+05	2.166e+05
317	64	8.022e+05	3.068e+05	1.88	0.0	0.0-1.704e+04	-2231.78	1639.80	-5.301e+04	-3.656e+05	8.022e+05
		-1.175e+05	-3.656e+05	-0.11	0.0	205.0-1.614e+04	-2231.78	1639.80	-5.301e+04	-2.937e+04	3.423e+05
						410.0-1.524e+04	-2231.78	1639.80	-5.301e+04	3.068e+05	-1.175e+05
317	69	4.197e+04	3.548e+04	0.01	0.0	0.0-1.623e+04	103.33	116.35	-1236.09	-1.222e+04	-392.21
		-392.21	-1.222e+04	2.00e-03	0.0	205.0-1.533e+04	103.33	116.35	-1236.09	1.163e+04	2.079e+04
						410.0-1.444e+04	103.33	116.35	-1236.09	3.548e+04	4.197e+04
317	70	9.018e+04	4.111e+04	0.02	0.0	0.0-1.880e+04	231.31	135.53	-1313.87	-1.446e+04	-4652.83
		-4652.83	-1.446e+04	2.15e-03	0.0	205.0-1.791e+04	231.31	135.53	-1313.87	1.332e+04	4.277e+04
						410.0-1.701e+04	231.31	135.53	-1313.87	4.111e+04	9.018e+04
317	71	4.197e+04	3.548e+04	0.01	0.0	0.0-1.623e+04	103.33	116.35	-1236.09	-1.222e+04	-392.21
		-392.21	-1.222e+04	2.00e-03	0.0	205.0-1.533e+04	103.33	116.35	-1236.09	1.163e+04	2.079e+04
						410.0-1.444e+04	103.33	116.35	-1236.09	3.548e+04	4.197e+04
317	72	6.608e+04	3.829e+04	0.02	0.0	0.0-1.752e+04	167.32	125.94	-1274.98	-1.334e+04	-2522.52
		-2522.52	-1.334e+04	2.07e-03	0.0	205.0-1.662e+04	167.32	125.94	-1274.98	1.248e+04	3.178e+04
						410.0-1.572e+04	167.32	125.94	-1274.98	3.829e+04	6.608e+04
317	73	4.197e+04	3.548e+04	0.01	0.0	0.0-1.623e+04	103.33	116.35	-1236.09	-1.222e+04	-392.21
		-392.21	-1.222e+04	2.00e-03	0.0	205.0-1.533e+04	103.33	116.35	-1236.09	1.163e+04	2.079e+04
						410.0-1.444e+04	103.33	116.35	-1236.09	3.548e+04	4.197e+04
317	74	5.644e+04	3.717e+04	0.02	0.0	0.0-1.700e+04	141.72	122.10	-1259.42	-1.289e+04	-1670.40
		-1670.40	-1.289e+04	2.04e-03	0.0	205.0-1.611e+04	141.72	122.10	-1259.42	1.214e+04	2.738e+04
						410.0-1.521e+04	141.72	122.10	-1259.42	3.717e+04	5.644e+04
318	1	1.825e+05	4.045e+04	0.06	0.0	0.0-1.279e+04	-1674.06	-375.78	-499.63	4.045e+04	1.825e+05
		-5.038e+05	-1.136e+05	0.01	0.0	205.0-1.178e+04	-1674.06	-375.78	-499.63	-3.658e+04	-1.607e+05
						410.0-1.076e+04	-1674.06	-375.78	-499.63	-1.136e+05	-5.038e+05
318	2	2.068e+05	3.648e+04	0.06	0.0	0.0-1.554e+04	-1923.79	-363.42	-829.66	3.648e+04	2.068e+05
		-5.819e+05	-1.125e+05	0.01	0.0	205.0-1.453e+04	-1923.79	-363.42	-829.66	-3.802e+04	-1.876e+05
						410.0-1.352e+04	-1923.79	-363.42	-829.66	-1.125e+05	-5.819e+05
318	3	1.404e+05	3.112e+04	0.04	0.0	0.0-9838.28	-1287.74	-289.06	-384.33	3.112e+04	1.404e+05
		-3.876e+05	-8.740e+04	0.01	0.0	205.0-9059.01	-1287.74	-289.06	-384.33	-2.814e+04	-1.236e+05
						410.0-8279.74	-1287.74	-289.06	-384.33	-8.740e+04	-3.876e+05
318	11	8.975e+05	-1.584e+04	0.54	0.0	0.0-1.147e+04	-4701.83	81.17	2.945e+05	-4.903e+04	8.975e+05
		-1.031e+06	-4.903e+04	-0.05	0.0	205.0-1.069e+04	-4701.83	81.17	2.945e+05	-3.244e+04	-6.655e+04
						410.0-9915.38	-4701.83	81.17	2.945e+05	-1.584e+04	-1.031e+06
318	29	9.515e+04	6.306e+05	-0.20	0.0	0.0-6173.14	-1052.55	3570.91	2.492e+04	-8.336e+05	9.515e+04
		-3.363e+05	-8.336e+05	-0.85	0.0	205.0-5393.87	-1052.55	3570.91	2.492e+04	-1.015e+05	-1.206e+05
						410.0-4614.60	-1052.55	3570.91	2.492e+04	6.306e+05	-3.363e+05
318	32	1.954e+05	8.943e+05	0.19	0.0	0.0-1.461e+04	-1622.82	-4144.09	-2.582e+04	8.943e+05	1.954e+05
		-4.700e+05	-8.049e+05	0.85	0.0	205.0-1.383e+04	-1622.82	-4144.09	-2.582e+04	4.466e+04	-1.373e+05
						410.0-1.305e+04	-1622.82	-4144.09	-2.582e+04	-8.049e+05	-4.700e+05
318	43	5.770e+05	-1.200e+04	0.31	0.0	0.0-1.103e+04	-3269.08	-88.95	1.683e+05	-1.200e+04	5.770e+05
		-7.635e+05	-4.852e+04	-0.02	0.0	205.0-1.026e+04	-3269.08	-88.95	1.683e+05	-3.026e+04	-9.327e+04
						410.0-9475.79	-3269.08	-88.95	1.683e+05	-4.852e+04	-7.635e+05
318	61	1.106e+05	3.105e+05	-0.12	0.0	0.0-8094.10	-1149.78	1848.89	9101.32	-4.476e+05	1.106e+05
		-3.608e+05	-4.476e+05	-0.46	0.0	205.0-7314.83	-1149.78	1848.89	9101.32	-6.857e+04	-1.251e+05
						410.0-6535.56	-1149.78	1848.89	9101.32	3.105e+05	-3.608e+05
318	64	1.799e+05	5.083e+05	0.12	0.0	0.0-1.268e+04	-1525.59	-2422.07	-1.000e+04	5.083e+05	1.799e+05
		-4.456e+05	-4.848e+05	0.46	0.0	205.0-1.191e+04	-1525.59	-2422.07	-1.000e+04	1.172e+04	-1.329e+05
						410.0-1.113e+04	-1525.59	-2422.07	-1.000e+04	-4.848e+05	-4.456e+05
318	69	1.404e+05	3.112e+04	0.04	0.0	0.0-9838.28	-1287.74	-289.06	-384.33	3.112e+04	1.404e+05
		-3.876e+05	-8.740e+04	0.01	0.0	205.0-9059.01	-1287.74	-289.06	-384.33	-2.814e+04	-1.236e+05
						410.0-8279.74	-1287.74	-289.06	-384.33	-8.740e+04	-3.876e+05
318	70	1.566e+05	2.847e+04	0.05	0.0	0.0-1.168e+04	-1454.22	-280.82	-604.35	2.847e+04	1.566e+05
		-4.396e+05	-8.666e+04	0.01	0.0	205.0-1.090e+04	-1454.22	-280.82	-604.35	-2.910e+04	-1.415e+05
						410.0-1.012e+04	-1454.22	-280.82	-604.35	-8.666e+04	-4.396e+05
318	71	1.404e+05	3.112e+04	0.04	0.0	0.0-9838.28	-1287.74	-289.06	-384.33	3.112e+04	1.404e+05
		-3.876e+05	-8.740e+04	0.01	0.0	205.0-9059.01	-1287.74	-289.06	-384.33	-2.814e+04	-1.236e+05
						410.0-8279.74	-1287.74	-289.06	-384.33	-8.740e+04	-3.876e+05
318	72	1.485e+05	2.979e+04	0.05	0.0	0.0-1.076e+04	-1370.98	-284.94	-494.34	2.979e+04	1.485e+05
		-4.136e+05	-8.703e+04	0.01	0.0	205.0-9977.40	-1370.98	-284.94	-494.34	-2.862e+04	-1.326e+05
						410.0-9198.12	-1370.98	-284.94	-494.34	-8.703e+04	-4.136e+05
318	73	1.404e+05	3.112e+04	0.04	0.0	0.0-9838.28	-1287.74	-289.06	-384.33	3.112e+04	1.404e+05
		-3.876e+05	-8.740e+04	0.01	0.0	205.0-9059.01	-1287.74	-289.06	-384.33	-2.814e+04	-1.236e+05
						410.0-8279.74	-1287.74	-289.06	-384.33	-8.740e+04	-3.876e+05
318	74	1.453e+05	3.032e+04	0.04	0.0	0.0-1.039e+04	-1337.69	-286.59	-450.34	3.032e+04	1.453e+05
		-4.032e+05	-8.718e+04	0.01	0.0	205.0-9610.04	-1337.69	-286.59	-450.34	-2.843e+04	-1.290e+05
						410.0-8830.77	-1337.69	-286.59	-450.34	-8.718e+04	-4.032e+05
319	2	1.103e+05	-4.038e+04	-0.01	0.0	0.0-2.704e+04	324.71	267.59	-2599.31	-1.501e+05	-2.284e+04

		-2.284e+04	-1.501e+05	0.02	0.0	205.0	-2.588e+04	324.71	267.59	-2599.31	-9.524e+04	4.372e+04
							410.0	-2.471e+04	324.71	267.59	-2599.31	-4.038e+04
319	3	3.372e+04	-2.425e+04	-3.03e-03	0.0	0.0	-1.759e+04	103.01	186.15	-1558.98	-1.006e+05	-8520.38
		-8520.38	-1.006e+05	0.01	0.0	205.0	-1.669e+04	103.01	186.15	-1558.98	-6.241e+04	1.260e+04
							410.0	-1.579e+04	103.01	186.15	-1558.98	-2.425e+04
319	6	6.935e+04	1.671e+06	0.34	0.0	0.0	-1.797e+04	144.72	-7402.56	-3.099e+04	1.671e+06	1.792e+04
		1.792e+04	-1.364e+06	0.57	0.0	205.0	-1.707e+04	144.72	-7402.56	-3.099e+04	1.532e+05	4.364e+04
							410.0	-1.618e+04	144.72	-7402.56	-3.099e+04	-1.364e+06
319	7	2.466e+04	1.312e+06	-0.33	0.0	0.0	-1.888e+04	137.62	7785.10	2.765e+04	-1.880e+06	-3.967e+04
		-3.967e+04	-1.880e+06	-0.57	0.0	205.0	-1.798e+04	137.62	7785.10	2.765e+04	-2.836e+05	-7506.99
							410.0	-1.708e+04	137.62	7785.10	2.765e+04	1.312e+06
319	9	1.596e+05	1.573e+06	-0.96	0.0	0.0	-1.768e+04	1545.68	-6963.00	1.943e+05	1.573e+06	-4.763e+05
		-4.763e+05	-1.282e+06	0.57	0.0	205.0	-1.679e+04	1545.68	-6963.00	1.943e+05	1.456e+05	-1.583e+05
							410.0	-1.589e+04	1545.68	-6963.00	1.943e+05	-1.282e+06
319	12	4.546e+05	1.230e+06	0.97	0.0	0.0	-1.916e+04	-1263.34	7345.55	-1.977e+05	-1.782e+06	4.546e+05
		-6.563e+04	-1.782e+06	-0.57	0.0	205.0	-1.827e+04	-1263.34	7345.55	-1.977e+05	-2.760e+05	1.945e+05
							410.0	-1.737e+04	-1263.34	7345.55	-1.977e+05	1.230e+06
319	29	2.294e+05	2.560e+05	-2.41	0.0	0.0	-1.772e+04	2963.37	-1307.08	4.134e+05	2.560e+05	-9.920e+05
		-9.920e+05	-2.798e+05	0.19	0.0	205.0	-1.682e+04	2963.37	-1307.08	4.134e+05	-1.192e+04	-3.813e+05
							410.0	-1.593e+04	2963.37	-1307.08	4.134e+05	-2.798e+05
319	32	9.702e+05	2.278e+05	2.42	0.0	0.0	-1.913e+04	-2681.03	1689.62	-4.167e+05	-4.649e+05	9.702e+05
		-1.354e+05	-4.649e+05	-0.20	0.0	205.0	-1.823e+04	-2681.03	1689.62	-4.167e+05	-1.185e+05	4.174e+05
							410.0	-1.733e+04	-2681.03	1689.62	-4.167e+05	2.278e+05
319	38	5.903e+04	9.154e+05	0.17	0.0	0.0	-1.816e+04	153.22	-4171.07	-1.378e+04	9.154e+05	662.13
		662.13	-7.948e+05	0.33	0.0	205.0	-1.726e+04	153.22	-4171.07	-1.378e+04	6.029e+04	2.985e+04
							410.0	-1.637e+04	153.22	-4171.07	-1.378e+04	-7.948e+05
319	39	3.498e+04	7.427e+05	-0.17	0.0	0.0	-1.869e+04	129.12	4553.62	1.043e+04	-1.124e+06	-2.241e+04
		-2.241e+04	-1.124e+06	-0.33	0.0	205.0	-1.779e+04	129.12	4553.62	1.043e+04	-1.908e+05	6283.80
							410.0	-1.689e+04	129.12	4553.62	1.043e+04	7.427e+05
319	41	1.087e+05	8.622e+05	-0.51	0.0	0.0	-1.800e+04	900.95	-3932.19	1.057e+05	8.622e+05	-2.620e+05
		-2.620e+05	-7.500e+05	0.33	0.0	205.0	-1.711e+04	900.95	-3932.19	1.057e+05	5.613e+04	7.663e+04
							410.0	-1.621e+04	900.95	-3932.19	1.057e+05	-7.500e+05
319	44	2.402e+05	6.979e+05	0.52	0.0	0.0	-1.884e+04	-618.61	4314.73	-1.091e+05	-1.071e+06	2.402e+05
		-1.473e+04	-1.071e+06	-0.33	0.0	205.0	-1.795e+04	-618.61	4314.73	-1.091e+05	-1.866e+05	1.128e+05
							410.0	-1.705e+04	-618.61	4314.73	-1.091e+05	6.979e+05
319	61	1.453e+05	1.065e+05	-1.27	0.0	0.0	-1.804e+04	1639.65	-687.68	2.202e+05	1.065e+05	-5.309e+05
		-5.309e+05	-1.754e+05	0.11	0.0	205.0	-1.714e+04	1639.65	-687.68	2.202e+05	-3.442e+04	-1.928e+05
							410.0	-1.625e+04	1639.65	-687.68	2.202e+05	-1.754e+05
319	64	5.091e+05	1.233e+05	1.28	0.0	0.0	-1.881e+04	-1357.31	1070.22	-2.236e+05	-3.154e+05	5.091e+05
		-5.127e+04	-3.154e+05	-0.11	0.0	205.0	-1.791e+04	-1357.31	1070.22	-2.236e+05	-9.605e+04	2.289e+05
							410.0	-1.701e+04	-1357.31	1070.22	-2.236e+05	1.233e+05
319	69	3.372e+04	-2.425e+04	-3.03e-03	0.0	0.0	-1.759e+04	103.01	186.15	-1558.98	-1.006e+05	-8520.38
		-8520.38	-1.006e+05	0.01	0.0	205.0	-1.669e+04	103.01	186.15	-1558.98	-6.241e+04	1.260e+04
							410.0	-1.579e+04	103.01	186.15	-1558.98	-2.425e+04
319	70	7.802e+04	-3.015e+04	-7.83e-03	0.0	0.0	-2.037e+04	230.21	203.21	-1940.74	-1.135e+05	-1.637e+04
		-1.637e+04	-1.135e+05	0.01	0.0	205.0	-1.948e+04	230.21	203.21	-1940.74	-7.181e+04	3.083e+04
							410.0	-1.858e+04	230.21	203.21	-1940.74	-3.015e+04
319	71	3.372e+04	-2.425e+04	-3.03e-03	0.0	0.0	-1.759e+04	103.01	186.15	-1558.98	-1.006e+05	-8520.38
		-8520.38	-1.006e+05	0.01	0.0	205.0	-1.669e+04	103.01	186.15	-1558.98	-6.241e+04	1.260e+04
							410.0	-1.579e+04	103.01	186.15	-1558.98	-2.425e+04
319	72	5.587e+04	-2.720e+04	-5.43e-03	0.0	0.0	-1.898e+04	166.61	194.68	-1749.86	-1.070e+05	-1.244e+04
		-1.244e+04	-1.070e+05	0.01	0.0	205.0	-1.808e+04	166.61	194.68	-1749.86	-6.711e+04	2.171e+04
							410.0	-1.719e+04	166.61	194.68	-1749.86	-2.720e+04
319	73	3.372e+04	-2.425e+04	-3.03e-03	0.0	0.0	-1.759e+04	103.01	186.15	-1558.98	-1.006e+05	-8520.38
		-8520.38	-1.006e+05	0.01	0.0	205.0	-1.669e+04	103.01	186.15	-1558.98	-6.241e+04	1.260e+04
							410.0	-1.579e+04	103.01	186.15	-1558.98	-2.425e+04
319	74	4.701e+04	-2.602e+04	-4.47e-03	0.0	0.0	-1.842e+04	141.17	191.27	-1673.51	-1.044e+05	-1.087e+04
		-1.087e+04	-1.044e+05	0.01	0.0	205.0	-1.753e+04	141.17	191.27	-1673.51	-6.523e+04	1.807e+04
							410.0	-1.663e+04	141.17	191.27	-1673.51	-2.602e+04
320	1	6.302e+04	5.236e+05	3.96e-03	0.0	0.0	-1.014e+04	325.57	1480.07	2137.55	-8.326e+04	-7.046e+04
		-7.046e+04	-8.326e+04	-0.03	0.0	205.0	-8973.85	325.57	1480.07	2137.55	2.202e+05	-3719.66
							410.0	-7807.91	325.57	1480.07	2137.55	5.236e+05
320	2	5.003e+04	6.054e+05	5.60e-03	0.0	0.0	-1.228e+04	294.49	1697.80	2198.55	-9.068e+04	-7.071e+04
		-7.071e+04	-9.068e+04	-0.04	0.0	205.0	-1.112e+04	294.49	1697.80	2198.55	2.574e+05	-1.034e+04
							410.0	-9951.51	294.49	1697.80	2198.55	6.054e+05
320	3	4.848e+04	4.027e+05	3.04e-03	0.0	0.0	-7799.84	250.44	1138.52	1644.27	-6.405e+04	-5.420e+04
		-5.420e+04	-6.405e+04	-0.03	0.0	205.0	-6902.96	250.44	1138.52	1644.27	1.693e+05	-2861.28
							410.0	-6006.09	250.44	1138.52	1644.27	4.027e+05
320	20	2.752e+05	9.401e+05	0.32	0.0	0.0	-8579.72	-1297.33	4280.62	-2.251e+05	-8.152e+05	2.752e+05
		-2.567e+05	-8.152e+05	-0.36	0.0	205.0	-7682.84	-1297.33	4280.62	-2.251e+05	6.247e+04	9251.62
							410.0	-6785.97	-1297.33	4280.62	-2.251e+05	9.401e+05
320	31	7.325e+05	3.485e+05	-0.72	0.0	0.0	-1.396e+04	3723.22	653.17	4.675e+04	8.094e+04	-7.940e+05
		-7.940e+05	8.094e+04	-0.10	0.0	205.0	-1.306e+04	3723.22	653.17	4.675e+04	2.147e+05	-3.074e+04
							410.0	-1.216e+04	3723.22	653.17	4.675e+04	3.485e+05
320	34	5.965e+05	3.884e+05	0.76	0.0	0.0	-2350.12	-2820.82	1123.83	-2.167e+04	-7.255e+04	5.965e+05
		-5.600e+05	-7.255e+04	0.18	0.0	205.0	-1453.24	-2820.82	1123.83	-2.167e+04	1.579e+05	1.824e+04
							410.0	-556.37	-2820.82	1123.83	-2.167e+04	3.884e+05

320	35	6.518e+05	4.498e+05	-0.76	0.0	0.0	-1.411e+04	3309.26	1240.29	2.498e+04	-5.851e+04	-7.050e+05
		-7.050e+05	-5.851e+04	-0.16	0.0	205.0	-1.321e+04	3309.26	1240.29	2.498e+04	1.957e+05	-2.661e+04
						410.0	-1.231e+04	3309.26	1240.29	2.498e+04	4.498e+05	6.518e+05
320	52	1.317e+05	7.188e+05	0.17	0.0	0.0	-8490.33	-625.67	2963.07	-1.279e+05	-4.962e+05	1.317e+05
		-1.248e+05	-4.962e+05	-0.20	0.0	205.0	-7593.45	-625.67	2963.07	-1.279e+05	1.113e+05	3427.76
						410.0	-6696.58	-625.67	2963.07	-1.279e+05	7.188e+05	-1.248e+05
320	63	4.293e+05	3.811e+05	-0.39	0.0	0.0	-1.134e+04	2186.80	897.46	2.417e+04	1.326e+04	-4.673e+05
		-4.673e+05	1.326e+04	-0.07	0.0	205.0	-1.045e+04	2186.80	897.46	2.417e+04	1.972e+05	-1.903e+04
						410.0	-9548.90	2186.80	897.46	2.417e+04	3.811e+05	4.293e+05
320	66	3.073e+05	3.987e+05	0.41	0.0	0.0	-5027.91	-1458.90	1128.06	-8114.19	-6.390e+04	3.073e+05
		-2.908e+05	-6.390e+04	0.11	0.0	205.0	-4131.04	-1458.90	1128.06	-8114.19	1.674e+05	8267.44
						410.0	-3234.16	-1458.90	1128.06	-8114.19	3.987e+05	-2.908e+05
320	67	3.826e+05	4.395e+05	-0.41	0.0	0.0	-1.143e+04	1947.35	1236.07	1.143e+04	-6.716e+04	-4.158e+05
		-4.158e+05	-6.716e+04	-0.10	0.0	205.0	-1.053e+04	1947.35	1236.07	1.143e+04	1.862e+05	-1.664e+04
						410.0	-9635.45	1947.35	1236.07	1.143e+04	4.395e+05	3.826e+05
320	69	4.848e+04	4.027e+05	3.04e-03	0.0	0.0	-7799.84	250.44	1138.52	1644.27	-6.405e+04	-5.420e+04
		-5.420e+04	-6.405e+04	-0.03	0.0	205.0	-6902.96	250.44	1138.52	1644.27	1.693e+05	-2861.28
						410.0	-6006.09	250.44	1138.52	1644.27	4.027e+05	4.848e+04
320	70	3.982e+04	4.573e+05	4.14e-03	0.0	0.0	-9228.90	229.72	1283.67	1684.94	-6.900e+04	-5.437e+04
		-5.437e+04	-6.900e+04	-0.03	0.0	205.0	-8332.03	229.72	1283.67	1684.94	1.942e+05	-7275.74
						410.0	-7435.15	229.72	1283.67	1684.94	4.573e+05	3.982e+04
320	71	4.848e+04	4.027e+05	3.04e-03	0.0	0.0	-7799.84	250.44	1138.52	1644.27	-6.405e+04	-5.420e+04
		-5.420e+04	-6.405e+04	-0.03	0.0	205.0	-6902.96	250.44	1138.52	1644.27	1.693e+05	-2861.28
						410.0	-6006.09	250.44	1138.52	1644.27	4.027e+05	4.848e+04
320	72	4.415e+04	4.300e+05	3.59e-03	0.0	0.0	-8514.37	240.08	1211.09	1664.60	-6.652e+04	-5.428e+04
		-5.428e+04	-6.652e+04	-0.03	0.0	205.0	-7617.50	240.08	1211.09	1664.60	1.818e+05	-5068.51
						410.0	-6720.62	240.08	1211.09	1664.60	4.300e+05	4.415e+04
320	73	4.848e+04	4.027e+05	3.04e-03	0.0	0.0	-7799.84	250.44	1138.52	1644.27	-6.405e+04	-5.420e+04
		-5.420e+04	-6.405e+04	-0.03	0.0	205.0	-6902.96	250.44	1138.52	1644.27	1.693e+05	-2861.28
						410.0	-6006.09	250.44	1138.52	1644.27	4.027e+05	4.848e+04
320	74	4.588e+04	4.191e+05	3.37e-03	0.0	0.0	-8228.56	244.22	1182.06	1656.47	-6.553e+04	-5.425e+04
		-5.425e+04	-6.553e+04	-0.03	0.0	205.0	-7331.68	244.22	1182.06	1656.47	1.768e+05	-4185.62
						410.0	-6434.81	244.22	1182.06	1656.47	4.191e+05	4.588e+04
321	2	-7968.69	6.922e+04	0.02	0.0	0.0	-2.136e+04	-255.75	654.08	-798.17	-1.990e+05	-7968.69
		-1.128e+05	-1.990e+05	0.01	0.0	205.0	-2.020e+04	-255.75	654.08	-798.17	-6.487e+04	-6.040e+04
						410.0	-1.903e+04	-255.75	654.08	-798.17	6.922e+04	-1.128e+05
321	3	-1.226e+04	4.757e+04	6.79e-03	0.0	0.0	-1.387e+04	-54.76	440.03	-1015.15	-1.328e+05	-1.226e+04
		-3.472e+04	-1.328e+05	8.10e-03	0.0	205.0	-1.297e+04	-54.76	440.03	-1015.15	-4.264e+04	-2.349e+04
						410.0	-1.208e+04	-54.76	440.03	-1015.15	4.757e+04	-3.472e+04
321	4	-4289.34	5.495e+04	0.02	0.0	0.0	-1.720e+04	-239.32	522.07	-493.62	-1.591e+05	-4289.34
		-1.024e+05	-1.591e+05	0.01	0.0	205.0	-1.630e+04	-239.32	522.07	-493.62	-5.207e+04	-5.335e+04
						410.0	-1.541e+04	-239.32	522.07	-493.62	5.495e+04	-1.024e+05
321	17	-4.714e+04	1.112e+06	-0.87	0.0	0.0	-1.451e+04	248.67	-4919.59	6.414e+04	1.112e+06	-4.085e+05
		-4.085e+05	-9.055e+05	0.37	0.0	205.0	-1.361e+04	248.67	-4919.59	6.414e+04	1.031e+05	-2.278e+05
						410.0	-1.272e+04	248.67	-4919.59	6.414e+04	-9.055e+05	-4.714e+04
321	20	3.872e+05	1.004e+06	0.86	0.0	0.0	-1.456e+04	-432.01	5832.46	-6.596e+04	-1.388e+06	3.872e+05
		-4.937e+04	-1.388e+06	-0.37	0.0	205.0	-1.367e+04	-432.01	5832.46	-6.596e+04	-1.921e+05	1.689e+05
						410.0	-1.277e+04	-432.01	5832.46	-6.596e+04	1.004e+06	-9.37e+04
321	29	9.809e+04	1.600e+05	-2.43	0.0	0.0	-1.509e+04	2665.99	-853.65	3.848e+05	1.600e+05	9.625e+05
		-9.625e+05	-1.904e+05	-0.01	0.0	205.0	-1.420e+04	2665.99	-853.65	3.848e+05	-1.520e+04	-4.322e+05
						410.0	-1.330e+04	2665.99	-853.65	3.848e+05	-1.904e+05	9.809e+04
321	32	9.411e+05	2.885e+05	2.42	0.0	0.0	-1.398e+04	-2849.33	1766.53	-3.866e+05	-4.362e+05	9.411e+05
		-1.946e+05	-4.362e+05	0.02	0.0	205.0	-1.308e+04	-2849.33	1766.53	-3.866e+05	-7.385e+04	3.713e+05
						410.0	-1.219e+04	-2849.33	1766.53	-3.866e+05	2.885e+05	-1.946e+05
321	34	8.471e+05	6.025e+04	2.29	0.0	0.0	-1.387e+04	-2797.00	-363.44	-4.134e+05	6.025e+04	8.471e+05
		-2.285e+05	-8.843e+04	0.17	0.0	205.0	-1.297e+04	-2797.00	-363.44	-4.134e+05	-1.409e+04	3.093e+05
						410.0	-1.208e+04	-2797.00	-363.44	-4.134e+05	-8.843e+04	-2.285e+05
321	35	1.320e+05	1.865e+05	-2.30	0.0	0.0	-1.520e+04	2613.65	1276.31	4.116e+05	-3.364e+05	-8.685e+05
		-8.685e+05	-3.364e+05	-0.17	0.0	205.0	-1.430e+04	2613.65	1276.31	4.116e+05	-7.496e+04	-3.682e+05
						410.0	-1.341e+04	2613.65	1276.31	4.116e+05	1.865e+05	1.320e+05
321	52	2.055e+05	5.994e+05	0.46	0.0	0.0	-1.456e+04	-251.18	3556.35	-3.317e+04	-8.588e+05	2.055e+05
		-4.683e+04	-8.588e+05	-0.22	0.0	205.0	-1.366e+04	-251.18	3556.35	-3.317e+04	-1.297e+05	7.935e+04
						410.0	-1.276e+04	-251.18	3556.35	-3.317e+04	5.994e+05	-4.683e+04
321	61	2.959e+04	3.333e+04	-1.28	0.0	0.0	-1.483e+04	1372.63	-296.20	2.038e+05	3.333e+04	-5.152e+05
		-5.152e+05	-8.828e+04	-4.39e-03	0.0	205.0	-1.394e+04	1372.63	-296.20	2.038e+05	-2.747e+04	-2.428e+05
						410.0	-1.304e+04	1372.63	-296.20	2.038e+05	-8.828e+04	2.959e+04
321	64	4.938e+05	1.864e+05	1.28	0.0	0.0	-1.424e+04	-1555.97	1209.07	-2.056e+05	-3.095e+05	4.938e+05
		-1.261e+05	-3.095e+05	0.01	0.0	205.0	-1.334e+04	-1555.97	1209.07	-2.056e+05	-6.158e+04	1.839e+05
						410.0	-1.245e+04	-1555.97	1209.07	-2.056e+05	1.864e+05	-1.261e+05
321	66	4.405e+05	-2.312e+04	1.20	0.0	0.0	-1.418e+04	-1528.24	-19.79	-2.210e+05	-2.312e+04	4.405e+05
		-1.454e+05	-3.107e+04	0.10	0.0	205.0	-1.328e+04	-1528.24	-19.79	-2.210e+05	-2.710e+04	1.475e+05
						410.0	-1.238e+04	-1528.24	-19.79	-2.210e+05	-3.107e+04	-1.454e+05
321	67	4.890e+04	1.292e+05	-1.21	0.0	0.0	-1.490e+04	1344.90	932.66	2.192e+05	-2.531e+05	-4.618e+05
		-4.618e+05	-2.531e+05	-0.10	0.0	205.0	-1.400e+04	1344.90	932.66	2.192e+05	-6.196e+04	-2.065e+05
						410.0	-1.310e+04	1344.90	932.66	2.192e+05	1.292e+05	4.890e+04
321	69	-1.226e+04	4.757e+04	6.79e-03	0.0	0.0	-1.387e+04	-54.76	440.03	-1015.15	-1.328e+05	-1.226e+04
		-3.472e+04	-1.328e+05	8.10e-03	0.0	205.0	-1.297e+04	-54.76	440.03	-1015.15	-4.264e+04	-2.349e+04

						410.0	-1.208e+04	-54.76	440.03	-1015.15	4.757e+04	-3.472e+04
321	70	-6947.72	5.249e+04	0.01	0.0	0.0	-1.609e+04	-177.80	494.72	-667.46	-1.503e+05	-6947.72
		-7.985e+04	-1.503e+05	9.41e-03	0.0	205.0	-1.519e+04	-177.80	494.72	-667.46	-4.893e+04	-4.340e+04
						410.0	-1.430e+04	-177.80	494.72	-667.46	5.249e+04	-7.985e+04
321	71	-1.226e+04	4.757e+04	6.79e-03	0.0	0.0	-1.387e+04	-54.76	440.03	-1015.15	-1.328e+05	-1.226e+04
		-3.472e+04	-1.328e+05	8.10e-03	0.0	205.0	-1.297e+04	-54.76	440.03	-1015.15	-4.264e+04	-2.349e+04
						410.0	-1.208e+04	-54.76	440.03	-1015.15	4.757e+04	-3.472e+04
321	72	-9606.10	5.003e+04	9.70e-03	0.0	0.0	-1.498e+04	-116.28	467.38	-841.30	-1.416e+05	-9606.10
		-5.728e+04	-1.416e+05	8.76e-03	0.0	205.0	-1.408e+04	-116.28	467.38	-841.30	-4.578e+04	-3.344e+04
						410.0	-1.319e+04	-116.28	467.38	-841.30	5.003e+04	-5.728e+04
321	73	-1.226e+04	4.757e+04	6.79e-03	0.0	0.0	-1.387e+04	-54.76	440.03	-1015.15	-1.328e+05	-1.226e+04
		-3.472e+04	-1.328e+05	8.10e-03	0.0	205.0	-1.297e+04	-54.76	440.03	-1015.15	-4.264e+04	-2.349e+04
						410.0	-1.208e+04	-54.76	440.03	-1015.15	4.757e+04	-3.472e+04
321	74	-1.067e+04	4.904e+04	8.54e-03	0.0	0.0	-1.454e+04	-91.67	456.44	-910.84	-1.381e+05	-1.067e+04
		-4.825e+04	-1.381e+05	8.50e-03	0.0	205.0	-1.364e+04	-91.67	456.44	-910.84	-4.453e+04	-2.946e+04
						410.0	-1.274e+04	-91.67	456.44	-910.84	4.904e+04	-4.825e+04
322	2	1.284e+04	1.869e+05	0.03	0.0	0.0	-2.541e+04	-359.41	833.10	-1490.28	-1.547e+05	1.284e+04
		-1.345e+05	-1.547e+05	-5.40e-03	0.0	205.0	-2.424e+04	-359.41	833.10	-1490.28	1.610e+04	-6.084e+04
						410.0	-2.308e+04	-359.41	833.10	-1490.28	1.869e+05	-1.345e+05
322	3	5258.96	1.230e+05	0.01	0.0	0.0	-1.653e+04	-128.27	549.84	-1160.49	-1.025e+05	5258.96
		-4.733e+04	-1.025e+05	-3.82e-03	0.0	205.0	-1.564e+04	-128.27	549.84	-1160.49	1.025e+04	-2.104e+04
						410.0	-1.474e+04	-128.27	549.84	-1160.49	1.230e+05	-4.733e+04
322	18	3.906e+05	1.205e+06	0.94	0.0	0.0	-1.727e+04	-1285.70	-5066.68	1687.25	1.205e+06	3.906e+05
		-1.349e+05	-8.728e+05	0.41	0.0	205.0	-1.637e+04	-1285.70	-5066.68	1687.25	1.659e+05	1.279e+05
						410.0	-1.547e+04	-1285.70	-5066.68	1687.25	-8.728e+05	-1.349e+05
322	19	1.105e+04	1.129e+06	-0.92	0.0	0.0	-1.737e+04	952.10	6213.69	-4000.88	-1.418e+06	-3.777e+05
		-3.777e+05	-1.418e+06	-0.41	0.0	205.0	-1.647e+04	952.10	6213.69	-4000.88	-1.443e+05	-1.833e+05
						410.0	-1.557e+04	952.10	6213.69	-4000.88	1.129e+06	1.105e+04
322	29	2.562e+05	1.328e+05	-3.53	0.0	0.0	-1.739e+04	4242.48	608.15	1.305e+05	-1.166e+05	-1.490e+06
		-1.490e+06	-1.166e+05	-8.88e-03	0.0	205.0	-1.649e+04	4242.48	608.15	1.305e+05	8061.31	-6.169e+05
						410.0	-1.560e+04	4242.48	608.15	1.305e+05	1.328e+05	2.562e+05
322	32	1.503e+06	1.240e+05	3.54	0.0	0.0	-1.724e+04	-4576.08	538.86	-1.328e+05	-9.689e+04	1.503e+06
		-3.801e+05	-9.689e+04	6.96e-03	0.0	205.0	-1.634e+04	-4576.08	538.86	-1.328e+05	1.355e+04	5.615e+05
						410.0	-1.545e+04	-4576.08	538.86	-1.328e+05	1.240e+05	-3.801e+05
322	34	1.453e+06	4.286e+05	3.45	0.0	0.0	-1.723e+04	-4414.59	-1722.11	-1.044e+05	4.286e+05	1.453e+06
		-3.623e+05	-2.775e+05	0.17	0.0	205.0	-1.633e+04	-4414.59	-1722.11	-1.044e+05	7.556e+04	5.455e+05
						410.0	-1.543e+04	-4414.59	-1722.11	-1.044e+05	-2.775e+05	-3.623e+05
322	35	2.384e+05	5.343e+05	-3.44	0.0	0.0	-1.741e+04	4080.99	2869.12	1.021e+05	-6.422e+05	-1.440e+06
		-1.440e+06	-6.422e+05	-0.17	0.0	205.0	-1.651e+04	4080.99	2869.12	1.021e+05	-5.395e+04	-6.010e+05
						410.0	-1.561e+04	4080.99	2869.12	1.021e+05	5.343e+05	2.384e+05
322	51	-2.315e+04	7.050e+05	-0.48	0.0	0.0	-1.734e+04	423.67	3821.80	-4284.72	-8.620e+05	-1.960e+05
		-1.960e+05	-8.620e+05	-0.23	0.0	205.0	-1.645e+04	423.67	3821.80	-4284.72	-7.848e+04	-1.096e+05
						410.0	-1.555e+04	423.67	3821.80	-4284.72	7.050e+05	-2.315e+04
322	61	1.087e+05	1.278e+05	-1.86	0.0	0.0	-1.736e+04	2171.45	575.13	6.945e+04	-1.080e+05	-7.859e+05
		-7.859e+05	-1.080e+05	-5.42e-03	0.0	205.0	-1.646e+04	2171.45	575.13	6.945e+04	9917.67	-3.386e+05
						410.0	-1.556e+04	2171.45	575.13	6.945e+04	1.278e+05	1.087e+05
322	64	7.988e+05	1.289e+05	1.87	0.0	0.0	-1.728e+04	-2505.05	571.87	-7.176e+04	-1.055e+05	7.988e+05
		-2.325e+05	-1.055e+05	-2.40e-03	0.0	205.0	-1.638e+04	-2505.05	571.87	-7.176e+04	1.169e+04	2.831e+05
						410.0	-1.548e+04	-2505.05	571.87	-7.176e+04	1.289e+05	-2.325e+05
322	66	7.716e+05	1.978e+05	1.82	0.0	0.0	-1.727e+04	-2416.55	-733.02	-5.561e+04	1.978e+05	7.716e+05
		-2.227e+05	-1.028e+05	0.10	0.0	205.0	-1.637e+04	-2416.55	-733.02	-5.561e+04	4.748e+04	2.744e+05
						410.0	-1.547e+04	-2416.55	-733.02	-5.561e+04	-1.028e+05	-2.227e+05
322	67	9.886e+04	3.596e+05	-1.81	0.0	0.0	-1.736e+04	2082.95	1880.03	5.330e+04	-4.113e+05	-7.587e+05
		-7.587e+05	-4.113e+05	-0.10	0.0	205.0	-1.647e+04	2082.95	1880.03	5.330e+04	-2.587e+04	-3.299e+05
						410.0	-1.557e+04	2082.95	1880.03	5.330e+04	3.596e+05	9.886e+04
322	69	5258.96	1.230e+05	0.01	0.0	0.0	-1.653e+04	-128.27	549.84	-1160.49	-1.025e+05	5258.96
		-4.733e+04	-1.025e+05	-3.82e-03	0.0	205.0	-1.564e+04	-128.27	549.84	-1160.49	1.025e+04	-2.104e+04
						410.0	-1.474e+04	-128.27	549.84	-1160.49	1.230e+05	-4.733e+04
322	70	9259.62	1.410e+05	0.02	0.0	0.0	-1.914e+04	-256.71	628.71	-1148.25	-1.168e+05	9259.62
		-9.599e+04	-1.168e+05	-4.11e-03	0.0	205.0	-1.825e+04	-256.71	628.71	-1148.25	1.210e+04	-4.337e+04
						410.0	-1.735e+04	-256.71	628.71	-1148.25	1.410e+05	-9.599e+04
322	71	5258.96	1.230e+05	0.01	0.0	0.0	-1.653e+04	-128.27	549.84	-1160.49	-1.025e+05	5258.96
		-4.733e+04	-1.025e+05	-3.82e-03	0.0	205.0	-1.564e+04	-128.27	549.84	-1160.49	1.025e+04	-2.104e+04
						410.0	-1.474e+04	-128.27	549.84	-1160.49	1.230e+05	-4.733e+04
322	72	7259.29	1.320e+05	0.02	0.0	0.0	-1.784e+04	-192.49	589.28	-1154.37	-1.096e+05	7259.29
		-7.166e+04	-1.096e+05	-3.97e-03	0.0	205.0	-1.694e+04	-192.49	589.28	-1154.37	1.117e+04	-3.220e+04
						410.0	-1.604e+04	-192.49	589.28	-1154.37	1.320e+05	-7.166e+04
322	73	5258.96	1.230e+05	0.01	0.0	0.0	-1.653e+04	-128.27	549.84	-1160.49	-1.025e+05	5258.96
		-4.733e+04	-1.025e+05	-3.82e-03	0.0	205.0	-1.564e+04	-128.27	549.84	-1160.49	1.025e+04	-2.104e+04
						410.0	-1.474e+04	-128.27	549.84	-1160.49	1.230e+05	-4.733e+04
322	74	6459.16	1.284e+05	0.01	0.0	0.0	-1.732e+04	-166.80	573.50	-1156.82	-1.068e+05	6459.16
		-6.193e+04	-1.068e+05	-3.91e-03	0.0	205.0	-1.642e+04	-166.80	573.50	-1156.82	1.080e+04	-2.773e+04
						410.0	-1.552e+04	-166.80	573.50	-1156.82	1.284e+05	-6.193e+04
323	2	1.949e+04	2495.87	0.02	0.0	0.0	-2.649e+04	-366.92	-101.07	1442.26	2495.87	1.949e+04
		-1.309e+05	-3.894e+04	2.45e-03	0.0	205.0	-2.533e+04	-366.92	-101.07	1442.26	-1.822e+04	-5.572e+04
						410.0	-2.416e+04	-366.92	-101.07	1442.26	-3.894e+04	-1.309e+05
323	3	9471.77	380.09	0.01	0.0	0.0	-1.723e+04	-132.73	-60.66	1072.46	380.09	9471.77

		-4.495e+04	-2.449e+04	-1.47e-03	0.0	205.0	-1.634e+04	-132.73	-60.66	1072.46	-1.206e+04	-1.774e+04
						410.0	-1.544e+04	-132.73	-60.66	1072.46	-2.449e+04	-4.495e+04
323	18	3.557e+05	1.316e+06	0.89	0.0	0.0	-1.805e+04	-1155.87	-5728.17	4.213e+04	1.316e+06	3.557e+05
		-1.178e+05	-1.032e+06	0.40	0.0	205.0	-1.715e+04	-1155.87	-5728.17	4.213e+04	1.419e+05	1.189e+05
						410.0	-1.625e+04	-1155.87	-5728.17	4.213e+04	-1.032e+06	-1.178e+05
323	19	-1109.97	9.805e+05	-0.88	0.0	0.0	-1.806e+04	812.67	5597.96	-3.997e+04	-1.315e+06	-3.339e+05
		-3.339e+05	-1.315e+06	-0.41	0.0	205.0	-1.716e+04	812.67	5597.96	-3.997e+04	-1.671e+05	-1.675e+05
						410.0	-1.626e+04	812.67	5597.96	-3.997e+04	9.805e+05	-1109.97
323	21	2.874e+05	4.796e+04	-3.56	0.0	0.0	-1.811e+04	4454.55	-260.27	-1.304e+05	4.796e+04	-1.546e+06
		-1.546e+06	-5.871e+04	0.02	0.0	205.0	-1.721e+04	4454.55	-260.27	-1.304e+05	-5374.71	-6.291e+05
						410.0	-1.631e+04	4454.55	-260.27	-1.304e+05	-5.871e+04	2.874e+05
323	24	1.567e+06	6889.14	3.57	0.0	0.0	-1.800e+04	-4797.76	130.06	1.326e+05	-4.640e+04	1.567e+06
		-4.063e+05	-4.640e+04	-0.02	0.0	205.0	-1.710e+04	-4797.76	130.06	1.326e+05	-1.976e+04	5.805e+05
						410.0	-1.620e+04	-4797.76	130.06	1.326e+05	6889.14	-4.063e+05
323	50	1.914e+05	7.580e+05	0.47	0.0	0.0	-1.805e+04	-685.97	-3324.72	2.286e+04	7.580e+05	1.914e+05
		-8.964e+04	-6.052e+05	0.23	0.0	205.0	-1.715e+04	-685.97	-3324.72	2.286e+04	7.639e+04	5.088e+04
						410.0	-1.626e+04	-685.97	-3324.72	2.286e+04	-6.052e+05	-8.964e+04
323	51	-2.926e+04	5.534e+05	-0.46	0.0	0.0	-1.805e+04	342.77	3194.52	-2.069e+04	-7.564e+05	-1.696e+05
		-1.696e+05	-7.564e+05	-0.24	0.0	205.0	-1.716e+04	342.77	3194.52	-2.069e+04	-1.015e+05	-9.942e+04
						410.0	-1.626e+04	342.77	3194.52	-2.069e+04	5.534e+05	-2.926e+04
323	53	1.264e+05	3.072e+04	-1.88	0.0	0.0	-1.808e+04	2281.56	-189.90	-6.943e+04	3.072e+04	-8.131e+05
		-8.131e+05	-4.712e+04	9.91e-03	0.0	205.0	-1.718e+04	2281.56	-189.90	-6.943e+04	-8202.56	-3.434e+05
						410.0	-1.629e+04	2281.56	-189.90	-6.943e+04	-4.712e+04	1.264e+05
323	56	8.349e+05	-4700.98	1.89	0.0	0.0	-1.802e+04	-2624.77	59.69	7.160e+04	-2.916e+04	8.349e+05
		-2.453e+05	-2.916e+04	-0.01	0.0	205.0	-1.713e+04	-2624.77	59.69	7.160e+04	-1.693e+04	2.948e+05
						410.0	-1.623e+04	-2624.77	59.69	7.160e+04	-4700.98	-2.453e+05
323	69	9471.77	380.09	0.01	0.0	0.0	-1.723e+04	-132.73	-60.66	1072.46	380.09	9471.77
		-4.495e+04	-2.449e+04	-1.47e-03	0.0	205.0	-1.634e+04	-132.73	-60.66	1072.46	-1.206e+04	-1.774e+04
						410.0	-1.544e+04	-132.73	-60.66	1072.46	-2.449e+04	-4.495e+04
323	70	1.426e+04	1714.59	0.02	0.0	0.0	-1.996e+04	-262.31	-75.47	1104.50	1714.59	1.426e+04
		-9.329e+04	-2.923e+04	1.82e-03	0.0	205.0	-1.906e+04	-262.31	-75.47	1104.50	-1.376e+04	-3.951e+04
						410.0	-1.817e+04	-262.31	-75.47	1104.50	-2.923e+04	-9.329e+04
323	71	9471.77	380.09	0.01	0.0	0.0	-1.723e+04	-132.73	-60.66	1072.46	380.09	9471.77
		-4.495e+04	-2.449e+04	-1.47e-03	0.0	205.0	-1.634e+04	-132.73	-60.66	1072.46	-1.206e+04	-1.774e+04
						410.0	-1.544e+04	-132.73	-60.66	1072.46	-2.449e+04	-4.495e+04
323	72	1.187e+04	1047.34	0.01	0.0	0.0	-1.860e+04	-197.52	-68.07	1088.48	1047.34	1.187e+04
		-6.912e+04	-2.686e+04	1.61e-03	0.0	205.0	-1.770e+04	-197.52	-68.07	1088.48	-1.291e+04	-2.863e+04
						410.0	-1.680e+04	-197.52	-68.07	1088.48	-2.686e+04	-6.912e+04
323	73	9471.77	380.09	0.01	0.0	0.0	-1.723e+04	-132.73	-60.66	1072.46	380.09	9471.77
		-4.495e+04	-2.449e+04	-1.47e-03	0.0	205.0	-1.634e+04	-132.73	-60.66	1072.46	-1.206e+04	-1.774e+04
						410.0	-1.544e+04	-132.73	-60.66	1072.46	-2.449e+04	-4.495e+04
323	74	1.091e+04	780.44	0.01	0.0	0.0	-1.805e+04	-171.60	-65.10	1082.07	780.44	1.091e+04
		-5.945e+04	-2.591e+04	1.52e-03	0.0	205.0	-1.716e+04	-171.60	-65.10	1082.07	-1.257e+04	-2.427e+04
						410.0	-1.626e+04	-171.60	-65.10	1082.07	-2.591e+04	-5.945e+04
324	1	1.644e+04	1.635e+05	5.71e-03	0.0	0.0	-2.384e+04	-136.90	-429.05	1064.58	1.635e+05	1.644e+04
		-3.968e+04	-1.239e+04	-0.01	0.0	205.0	-2.267e+04	-136.90	-429.05	1064.58	7.556e+04	-1.162e+04
						410.0	-2.151e+04	-136.90	-429.05	1064.58	-1.239e+04	-3.968e+04
324	2	2.980e+04	1.902e+05	0.01	0.0	0.0	-2.819e+04	-493.56	-673.08	1.902e+05	2.980e+05	2.980e+04
		-1.057e+05	-1.220e+04	-0.02	0.0	205.0	-2.703e+04	-493.56	-673.08	8.898e+04	-3.794e+04	-1.057e+05
						410.0	-2.586e+04	-493.56	-673.08	-1.220e+04	-1.057e+05	-1.057e+05
324	3	1.265e+04	1.258e+05	4.39e-03	0.0	0.0	-1.834e+04	-105.31	-330.04	818.91	1.258e+05	1.265e+04
		-3.053e+04	-9533.18	-0.01	0.0	205.0	-1.744e+04	-105.31	-330.04	818.91	5.812e+04	-8938.92
						410.0	-1.654e+04	-105.31	-330.04	818.91	-9533.18	-3.053e+04
324	18	1.519e+05	1.417e+06	0.49	0.0	0.0	-1.925e+04	-489.17	-5875.49	9.046e+04	1.417e+06	1.519e+05
		-1.070e+05	-9.918e+05	0.41	0.0	205.0	-1.835e+04	-489.17	-5875.49	9.046e+04	2.127e+05	2.243e+04
						410.0	-1.746e+04	-489.17	-5875.49	9.046e+04	-9.918e+05	-1.070e+05
324	19	1.958e+04	9.728e+05	-0.49	0.0	0.0	-1.917e+04	201.14	5189.61	-8.898e+04	-1.155e+06	-1.213e+05
		-1.213e+05	-1.155e+06	-0.40	0.0	205.0	-1.827e+04	201.14	5189.61	-8.898e+04	-9.109e+04	-5.084e+04
						410.0	-1.737e+04	201.14	5189.61	-8.898e+04	9.728e+05	1.958e+04
324	22	9.702e+05	4.796e+05	2.35	0.0	0.0	-1.872e+04	-2866.14	-1881.73	4.154e+05	4.796e+05	9.702e+05
		-2.146e+05	-2.920e+05	0.07	0.0	205.0	-1.782e+04	-2866.14	-1881.73	4.154e+05	9.381e+04	3.778e+05
						410.0	-1.693e+04	-2866.14	-1881.73	4.154e+05	-2.920e+05	-2.146e+05
324	23	1.272e+05	2.730e+05	-2.35	0.0	0.0	-1.969e+04	2578.11	1195.85	-4.139e+05	-2.174e+05	-9.395e+05
		-9.395e+05	-2.174e+05	-0.07	0.0	205.0	-1.880e+04	2578.11	1195.85	-4.139e+05	2.780e+04	-4.062e+05
						410.0	-1.790e+04	2578.11	1195.85	-4.139e+05	2.730e+05	1.272e+05
324	25	1.011e+05	2.846e+05	-2.30	0.0	0.0	-1.978e+04	2467.22	-958.52	-4.291e+05	2.846e+05	0.055e+05
		-9.055e+05	-1.083e+05	0.09	0.0	205.0	-1.889e+04	2467.22	-958.52	-4.291e+05	8.814e+04	-4.022e+05
						410.0	-1.799e+04	2467.22	-958.52	-4.291e+05	-1.083e+05	1.011e+05
324	28	9.361e+05	8.934e+04	2.30	0.0	0.0	-1.863e+04	-2755.25	272.64	4.306e+05	-2.238e+04	9.361e+05
		-1.885e+05	-2.238e+04	-0.09	0.0	205.0	-1.773e+04	-2755.25	272.64	4.306e+05	3.348e+04	3.738e+05
						410.0	-1.684e+04	-2755.25	272.64	4.306e+05	8.934e+04	-1.885e+05
324	50	8.681e+04	8.697e+05	0.26	0.0	0.0	-1.924e+04	-326.03	-3519.82	4.700e+04	8.697e+05	8.681e+04
		-7.966e+04	-5.734e+05	0.23	0.0	205.0	-1.834e+04	-326.03	-3519.82	4.700e+04	1.482e+05	3575.68
						410.0	-1.744e+04	-326.03	-3519.82	4.700e+04	-5.734e+05	-7.966e+04
324	51	-7788.47	5.544e+05	-0.26	0.0	0.0	-1.918e+04	38.00	2833.93	-4.552e+04	-6.075e+05	-5.618e+04
		-5.618e+04	-6.075e+05	-0.23	0.0	205.0	-1.828e+04	38.00	2833.93	-4.552e+04	-2.654e+04	-3.198e+04
						410.0	-1.738e+04	38.00	2833.93	-4.552e+04	5.544e+05	-7788.47

324	54	5.218e+05	3.238e+05	1.24	0.0	0.0	-1.895e+04	-1591.18	-1192.79	2.212e+05	3.238e+05	5.218e+05
		-1.365e+05	-1.653e+05	0.04	0.0	205.0	-1.805e+04	-1591.18	-1192.79	2.212e+05	7.923e+04	1.927e+05
						410.0	-1.715e+04	-1591.18	-1192.79	2.212e+05	-1.653e+05	-1.365e+05
324	55	4.902e+04	1.463e+05	-1.24	0.0	0.0	-1.947e+04	1303.15	506.91	-2.197e+05	-6.155e+04	-4.911e+05
		-4.911e+05	-6.155e+04	-0.04	0.0	205.0	-1.857e+04	1303.15	506.91	-2.197e+05	4.239e+04	-2.211e+05
						410.0	-1.767e+04	1303.15	506.91	-2.197e+05	1.463e+05	4.902e+04
324	57	3.456e+04	2.281e+05	-1.21	0.0	0.0	-1.952e+04	1242.56	-736.15	-2.283e+05	2.281e+05	-4.725e+05
		-4.725e+05	-7.368e+04	0.06	0.0	205.0	-1.862e+04	1242.56	-736.15	-2.283e+05	7.721e+04	-2.190e+05
						410.0	-1.773e+04	1242.56	-736.15	-2.283e+05	-7.368e+04	3.456e+04
324	60	5.031e+05	5.469e+04	1.21	0.0	0.0	-1.889e+04	-1530.59	50.26	2.298e+05	3.412e+04	5.031e+05
		-1.220e+05	3.412e+04	-0.05	0.0	205.0	-1.800e+04	-1530.59	50.26	2.298e+05	4.441e+04	1.906e+05
						410.0	-1.710e+04	-1530.59	50.26	2.298e+05	5.469e+04	-1.220e+05
324	69	1.265e+04	1.258e+05	4.39e-03	0.0	0.0	-1.834e+04	-105.31	-330.04	818.91	1.258e+05	1.265e+04
		-3.053e+04	-9533.18	-0.01	0.0	205.0	-1.744e+04	-105.31	-330.04	818.91	5.812e+04	-8938.92
						410.0	-1.654e+04	-105.31	-330.04	818.91	-9533.18	-3.053e+04
324	70	2.155e+04	1.435e+05	9.43e-03	0.0	0.0	-2.124e+04	-234.33	-373.04	557.91	1.435e+05	2.155e+04
		-7.452e+04	-9405.82	-0.01	0.0	205.0	-2.034e+04	-234.33	-373.04	557.91	6.707e+04	-2.649e+04
						410.0	-1.945e+04	-234.33	-373.04	557.91	-9405.82	-7.452e+04
324	71	1.265e+04	1.258e+05	4.39e-03	0.0	0.0	-1.834e+04	-105.31	-330.04	818.91	1.258e+05	1.265e+04
		-3.053e+04	-9533.18	-0.01	0.0	205.0	-1.744e+04	-105.31	-330.04	818.91	5.812e+04	-8938.92
						410.0	-1.654e+04	-105.31	-330.04	818.91	-9533.18	-3.053e+04
324	72	1.710e+04	1.347e+05	6.91e-03	0.0	0.0	-1.979e+04	-169.82	-351.54	688.41	1.347e+05	1.710e+04
		-5.253e+04	-9469.50	-0.01	0.0	205.0	-1.889e+04	-169.82	-351.54	688.41	6.260e+04	-1.771e+04
						410.0	-1.799e+04	-169.82	-351.54	688.41	-9469.50	-5.253e+04
324	73	1.265e+04	1.258e+05	4.39e-03	0.0	0.0	-1.834e+04	-105.31	-330.04	818.91	1.258e+05	1.265e+04
		-3.053e+04	-9533.18	-0.01	0.0	205.0	-1.744e+04	-105.31	-330.04	818.91	5.812e+04	-8938.92
						410.0	-1.654e+04	-105.31	-330.04	818.91	-9533.18	-3.053e+04
324	74	1.532e+04	1.311e+05	5.90e-03	0.0	0.0	-1.921e+04	-144.01	-342.94	740.61	1.311e+05	1.532e+04
		-4.373e+04	-9494.97	-0.01	0.0	205.0	-1.831e+04	-144.01	-342.94	740.61	6.081e+04	-1.420e+04
						410.0	-1.741e+04	-144.01	-342.94	740.61	-9494.97	-4.373e+04
325	2	2.702e+05	2.301e+05	0.12	0.0	0.0	-2.538e+04	-3001.80	726.28	2270.68	-6.770e+04	2.702e+05
		-9.606e+05	-6.770e+04	-0.01	0.0	205.0	-2.421e+04	-3001.80	726.28	2270.68	8.119e+04	-3.452e+05
						410.0	-2.304e+04	-3001.80	726.28	2270.68	2.301e+05	-9.606e+05
325	3	1.870e+05	1.469e+05	0.08	0.0	0.0	-1.677e+04	-2056.09	471.87	1685.05	-4.661e+04	1.870e+05
		-6.560e+05	-4.661e+04	-7.85e-03	0.0	205.0	-1.587e+04	-2056.09	471.87	1685.05	5.012e+04	-2.345e+05
						410.0	-1.498e+04	-2056.09	471.87	1685.05	1.469e+05	-6.560e+05
325	15	1.362e+06	7.211e+05	0.98	0.0	0.0	-2.034e+04	-7608.06	794.10	-7.312e+04	-1.388e+05	1.362e+06
		-1.758e+06	-1.388e+05	-0.12	0.0	205.0	-1.944e+04	-7608.06	794.10	-7.312e+04	2.911e+05	-1.981e+05
						410.0	-1.854e+04	-7608.06	794.10	-7.312e+04	7.211e+05	-1.758e+06
325	17	2.988e+05	3.324e+05	-0.94	0.0	0.0	-1.355e+04	2853.58	4155.76	1.715e+05	-8.380e+05	-8.708e+05
		-8.708e+05	-8.380e+05	-0.32	0.0	205.0	-1.266e+04	2853.58	4155.76	1.715e+05	-2.528e+05	-2.860e+05
						410.0	-1.176e+04	2853.58	4155.76	1.715e+05	3.324e+05	2.988e+05
325	20	1.256e+06	7.419e+05	0.90	0.0	0.0	-2.141e+04	-7097.31	-3166.88	-1.681e+05	7.419e+05	1.256e+06
		-1.654e+06	-2.305e+04	0.33	0.0	205.0	-2.052e+04	-7097.31	-3166.88	-1.681e+05	3.594e+05	-1.992e+05
						410.0	-1.962e+04	-7097.31	-3166.88	-1.681e+05	-2.305e+04	-1.654e+06
325	30	-1.533e+05	1.803e+06	-0.29	0.0	0.0	-1.900e+04	-480.12	-7900.20	-1.443e+05	1.803e+06	-1.533e+05
		-3.490e+05	-1.438e+06	0.75	0.0	205.0	-1.811e+04	-480.12	-7900.20	-1.443e+05	1.823e+05	-2.512e+05
						410.0	-1.721e+04	-480.12	-7900.20	-1.443e+05	-1.438e+06	-3.490e+05
325	31	5.381e+05	1.747e+06	0.29	0.0	0.0	-1.597e+04	-3763.61	8889.08	1.477e+05	-1.899e+06	5.381e+05
		-1.006e+06	-1.899e+06	-0.74	0.0	205.0	-1.507e+04	-3763.61	8889.08	1.477e+05	-7.567e+04	-2.340e+05
						410.0	-1.417e+04	-3763.61	8889.08	1.477e+05	1.747e+06	-1.006e+06
325	47	8.650e+05	4.729e+05	0.56	0.0	0.0	-1.913e+04	-5276.98	617.36	-4.335e+04	-8.875e+04	8.650e+05
		-1.299e+06	-8.875e+04	-0.06	0.0	205.0	-1.824e+04	-5276.98	617.36	-4.335e+04	1.921e+05	-2.168e+05
						410.0	-1.734e+04	-5276.98	617.36	-4.335e+04	4.729e+05	-1.299e+06
325	49	-1.135e+05	2.449e+05	-0.55	0.0	0.0	-1.523e+04	751.18	2538.64	9.695e+04	-4.879e+05	-4.213e+05
		-4.213e+05	-4.879e+05	-0.17	0.0	205.0	-1.434e+04	751.18	2538.64	9.695e+04	-1.215e+05	-2.674e+05
						410.0	-1.344e+04	751.18	2538.64	9.695e+04	2.449e+05	-1.135e+05
325	52	8.062e+05	3.919e+05	0.52	0.0	0.0	-1.973e+04	-4994.91	-1549.75	-9.355e+04	3.919e+05	8.062e+05
		-1.242e+06	6.452e+04	0.18	0.0	205.0	-1.884e+04	-4994.91	-1549.75	-9.355e+04	2.282e+05	-2.177e+05
						410.0	-1.794e+04	-4994.91	-1549.75	-9.355e+04	6.452e+04	-1.242e+06
325	63	3.888e+05	1.033e+06	0.19	0.0	0.0	-1.665e+04	-3051.72	5111.02	7.774e+04	-1.063e+06	3.888e+05
		-8.630e+05	-1.063e+06	-0.40	0.0	205.0	-1.576e+04	-3051.72	5111.02	7.774e+04	-1.503e+04	-2.371e+05
						410.0	-1.486e+04	-3051.72	5111.02	7.774e+04	1.033e+06	-8.630e+05
325	69	1.870e+05	1.469e+05	0.08	0.0	0.0	-1.677e+04	-2056.09	471.87	1685.05	-4.661e+04	1.870e+05
		-6.560e+05	-4.661e+04	-7.85e-03	0.0	205.0	-1.587e+04	-2056.09	471.87	1685.05	5.012e+04	-2.345e+05
						410.0	-1.498e+04	-2056.09	471.87	1685.05	1.469e+05	-6.560e+05
325	70	2.050e+05	1.730e+05	0.09	0.0	0.0	-1.915e+04	-2275.34	547.10	1738.46	-5.135e+04	2.050e+05
		-7.279e+05	-5.135e+04	-9.21e-03	0.0	205.0	-1.826e+04	-2275.34	547.10	1738.46	6.081e+04	-2.614e+05
						410.0	-1.736e+04	-2275.34	547.10	1738.46	1.730e+05	-7.279e+05
325	71	1.870e+05	1.469e+05	0.08	0.0	0.0	-1.677e+04	-2056.09	471.87	1685.05	-4.661e+04	1.870e+05
		-6.560e+05	-4.661e+04	-7.85e-03	0.0	205.0	-1.587e+04	-2056.09	471.87	1685.05	5.012e+04	-2.345e+05
						410.0	-1.498e+04	-2056.09	471.87	1685.05	1.469e+05	-6.560e+05
325	72	1.960e+05	1.599e+05	0.08	0.0	0.0	-1.796e+04	-2165.72	509.49	1711.75	-4.898e+04	1.960e+05
		-6.919e+05	-4.898e+04	-8.53e-03	0.0	205.0	-1.706e+04	-2165.72	509.49	1711.75	5.546e+04	-2.480e+05
						410.0	-1.617e+04	-2165.72	509.49	1711.75	1.599e+05	-6.919e+05
325	73	1.870e+05	1.469e+05	0.08	0.0	0.0	-1.677e+04	-2056.09	471.87	1685.05	-4.661e+04	1.870e+05
		-6.560e+05	-4.661e+04	-7.85e-03	0.0	205.0	-1.587e+04	-2056.09	471.87	1685.05	5.012e+04	-2.345e+05

						410.0	-1.498e+04	-2056.09	471.87	1685.05	1.469e+05	-6.560e+05
325	74	1.924e+05	1.547e+05	0.08	0.0	0.0	-1.748e+04	-2121.87	494.44	1701.07	-4.803e+04	1.924e+05
		-6.776e+05	-4.803e+04	-8.26e-03	0.0	205.0	-1.659e+04	-2121.87	494.44	1701.07	5.333e+04	-2.426e+05
						410.0	-1.569e+04	-2121.87	494.44	1701.07	1.547e+05	-6.776e+05
326	2	8.179e+05	-2.539e+04	-0.10	0.0	0.0	-2.438e+04	2596.68	157.00	1200.30	-8.976e+04	-2.467e+05
		-2.467e+05	-8.976e+04	7.83e-03	0.0	205.0	-2.321e+04	2596.68	157.00	1200.30	5.758e+04	2.856e+05
						410.0	-2.204e+04	2596.68	157.00	1200.30	-2.539e+04	8.179e+05
326	3	5.625e+05	-9490.04	-0.07	0.0	0.0	-1.610e+04	1791.65	135.72	855.14	-6.513e+04	-1.721e+05
		-1.721e+05	-6.513e+04	5.03e-03	0.0	205.0	-1.520e+04	1791.65	135.72	855.14	-3.731e+04	1.952e+05
						410.0	-1.430e+04	1791.65	135.72	855.14	-9490.04	5.625e+05
326	13	1.743e+06	6.258e+05	-1.05	0.0	0.0	-2.209e+04	7673.91	3500.04	2.309e+04	-8.102e+05	-1.404e+06
		-1.404e+06	-8.102e+05	-0.30	0.0	205.0	-2.119e+04	7673.91	3500.04	2.309e+04	-9.221e+04	1.696e+05
						410.0	-2.030e+04	7673.91	3500.04	2.309e+04	6.258e+05	1.743e+06
326	21	1.279e+06	1.520e+06	-0.59	0.0	0.0	-2.192e+04	5333.23	8261.99	-2.096e+05	-1.870e+06	-9.073e+05
		-9.073e+05	-1.870e+06	-0.78	0.0	205.0	-2.102e+04	5333.23	8261.99	-2.096e+05	-1.746e+05	1.861e+05
						410.0	-2.012e+04	5333.23	8261.99	-2.096e+05	1.520e+06	1.279e+06
326	24	5.538e+05	1.737e+06	0.61	0.0	0.0	-1.166e+04	-1642.92	-7998.33	2.114e+05	1.737e+06	5.538e+05
		-1.198e+05	-1.545e+06	0.77	0.0	205.0	-1.076e+04	-1642.92	-7998.33	2.114e+05	9.634e+04	2.170e+05
						410.0	-9861.77	-1642.92	-7998.33	2.114e+05	-1.545e+06	-1.198e+05
326	25	1.396e+06	1.475e+06	-0.69	0.0	0.0	-2.231e+04	5922.25	8031.94	-2.112e+05	-1.820e+06	-1.032e+06
		-1.032e+06	-1.820e+06	-0.76	0.0	205.0	-2.142e+04	5922.25	8031.94	-2.112e+05	-1.724e+05	1.824e+05
						410.0	-2.052e+04	5922.25	8031.94	-2.112e+05	1.475e+06	1.396e+06
326	28	6.783e+05	1.688e+06	0.72	0.0	0.0	-1.126e+04	-2231.94	-7768.28	2.130e+05	1.688e+06	6.783e+05
		-2.369e+05	-1.500e+06	0.76	0.0	205.0	-1.036e+04	-2231.94	-7768.28	2.130e+05	9.416e+04	2.207e+05
						410.0	-9464.47	-2231.94	-7768.28	2.130e+05	-1.500e+06	-2.369e+05
326	45	1.243e+06	3.449e+05	-0.60	0.0	0.0	-1.979e+04	5171.99	2011.78	1.708e+04	-4.804e+05	-8.770e+05
		-8.770e+05	-4.804e+05	-0.17	0.0	205.0	-1.889e+04	5171.99	2011.78	1.708e+04	-6.774e+04	1.832e+05
						410.0	-1.799e+04	5171.99	2011.78	1.708e+04	3.449e+05	1.243e+06
326	48	5.236e+05	3.481e+05	0.63	0.0	0.0	-1.378e+04	-1481.68	-1748.11	-1.533e+04	3.481e+05	5.236e+05
		-8.388e+04	-3.691e+05	0.16	0.0	205.0	-1.289e+04	-1481.68	-1748.11	-1.533e+04	-1.051e+04	2.199e+05
						410.0	-1.199e+04	-1481.68	-1748.11	-1.533e+04	-3.691e+05	-8.388e+04
326	53	9.599e+05	8.362e+05	-0.33	0.0	0.0	-1.955e+04	3740.76	4615.37	-1.091e+05	-1.058e+06	-5.739e+05
		-5.739e+05	-1.058e+06	-0.43	0.0	205.0	-1.865e+04	3740.76	4615.37	-1.091e+05	-1.106e+05	1.930e+05
						410.0	-1.775e+04	3740.76	4615.37	-1.091e+05	8.362e+05	9.599e+05
326	56	2.205e+05	9.252e+05	0.34	0.0	0.0	-1.402e+04	-50.45	-4351.71	1.108e+05	9.252e+05	2.205e+05
		1.997e+05	-8.604e+05	0.42	0.0	205.0	-1.313e+04	-50.45	-4351.71	1.108e+05	3.238e+04	2.101e+05
						410.0	-1.223e+04	-50.45	-4351.71	1.108e+05	-8.604e+05	1.997e+05
326	69	5.625e+05	-9490.04	-0.07	0.0	0.0	-1.610e+04	1791.65	135.72	855.14	-6.513e+04	-1.721e+05
		-1.721e+05	-6.513e+04	5.03e-03	0.0	205.0	-1.520e+04	1791.65	135.72	855.14	-3.731e+04	1.952e+05
						410.0	-1.430e+04	1791.65	135.72	855.14	-9490.04	5.625e+05
326	70	6.203e+05	-1.819e+04	-0.07	0.0	0.0	-1.840e+04	1970.01	122.77	914.22	-6.853e+04	-1.874e+05
		-1.874e+05	-6.853e+04	5.89e-03	0.0	205.0	-1.750e+04	1970.01	122.77	914.22	-4.336e+04	2.164e+05
						410.0	-1.660e+04	1970.01	122.77	914.22	-1.819e+04	6.203e+05
326	71	5.625e+05	-9490.04	-0.07	0.0	0.0	-1.610e+04	1791.65	135.72	855.14	-6.513e+04	-1.721e+05
		-1.721e+05	-6.513e+04	5.03e-03	0.0	205.0	-1.520e+04	1791.65	135.72	855.14	-3.731e+04	1.952e+05
						410.0	-1.430e+04	1791.65	135.72	855.14	-9490.04	5.625e+05
326	72	5.914e+05	-1.384e+04	-0.07	0.0	0.0	-1.725e+04	1880.83	129.24	884.68	-6.683e+04	-1.798e+05
		-1.798e+05	-6.683e+04	5.46e-03	0.0	205.0	-1.635e+04	1880.83	129.24	884.68	-4.034e+04	2.058e+05
						410.0	-1.545e+04	1880.83	129.24	884.68	-1.384e+04	5.914e+05
326	73	5.625e+05	-9490.04	-0.07	0.0	0.0	-1.610e+04	1791.65	135.72	855.14	-6.513e+04	-1.721e+05
		-1.721e+05	-6.513e+04	5.03e-03	0.0	205.0	-1.520e+04	1791.65	135.72	855.14	-3.731e+04	1.952e+05
						410.0	-1.430e+04	1791.65	135.72	855.14	-9490.04	5.625e+05
326	74	5.798e+05	-1.210e+04	-0.07	0.0	0.0	-1.679e+04	1845.15	131.83	872.87	-6.615e+04	-1.767e+05
		-1.767e+05	-6.615e+04	5.29e-03	0.0	205.0	-1.589e+04	1845.15	131.83	872.87	-3.913e+04	2.015e+05
						410.0	-1.499e+04	1845.15	131.83	872.87	-1.210e+04	5.798e+05
345	1	1.191e+05	2.173e+05	-0.02	0.0	0.0	-1.415e+04	341.47	-2255.66	-589.95	2.173e+05	-2.088e+04
		-2.088e+04	-7.075e+05	0.04	0.0	205.0	-1.299e+04	341.47	-2255.66	-589.95	-2.451e+05	4.913e+04
						410.0	-1.182e+04	341.47	-2255.66	-589.95	-7.075e+05	1.191e+05
345	2	1.199e+05	2.462e+05	-0.02	0.0	0.0	-1.712e+04	324.08	-2597.34	-1092.93	2.462e+05	-1.297e+04
		-1.297e+04	-8.187e+05	0.05	0.0	205.0	-1.595e+04	324.08	-2597.34	-1092.93	-2.863e+05	5.347e+04
						410.0	-1.478e+04	324.08	-2597.34	-1092.93	-8.187e+05	1.199e+05
345	3	9.164e+04	1.672e+05	-0.01	0.0	0.0	-1.089e+04	262.67	-1735.13	-453.81	1.672e+05	-1.606e+04
		-1.606e+04	-5.442e+05	0.03	0.0	205.0	-9990.28	262.67	-1735.13	-453.81	-1.885e+05	3.779e+04
						410.0	-9093.40	262.67	-1735.13	-453.81	-5.442e+05	9.164e+04
345	14	9.383e+04	9.852e+05	0.14	0.0	0.0	-1.246e+04	-200.13	-5148.65	1.281e+05	9.852e+05	9.383e+04
		1.198e+04	-1.126e+06	0.39	0.0	205.0	-1.157e+04	-200.13	-5148.65	1.281e+05	-7.035e+04	5.291e+04
						410.0	-1.067e+04	-200.13	-5148.65	1.281e+05	-1.126e+06	1.198e+04
345	18	7.981e+04	9.812e+05	0.08	0.0	0.0	-1.269e+04	164.79	-5138.95	1.261e+05	9.812e+05	1.201e+04
		1.201e+04	-1.126e+06	0.39	0.0	205.0	-1.180e+04	164.79	-5138.95	1.261e+05	-7.234e+04	4.591e+04
						410.0	-1.090e+04	164.79	-5138.95	1.261e+05	-1.126e+06	7.981e+04
345	21	7.658e+05	-5.546e+04	-0.77	0.0	0.0	-1.479e+04	3937.05	-920.13	-4.321e+04	-5.546e+04	-8.485e+05
		-8.485e+05	-4.325e+05	0.04	0.0	205.0	-1.389e+04	3937.05	-920.13	-4.321e+04	-2.440e+05	-4.135e+04
						410.0	-1.299e+04	3937.05	-920.13	-4.321e+04	-4.325e+05	7.658e+05
345	24	8.196e+05	4.014e+05	0.77	0.0	0.0	-8172.12	-3418.67	-2686.79	4.211e+04	4.014e+05	8.196e+05
		-5.823e+05	-7.004e+05	0.02	0.0	205.0	-7275.24	-3418.67	-2686.79	4.211e+04	-1.495e+05	1.187e+05
						410.0	-6378.37	-3418.67	-2686.79	4.211e+04	-7.004e+05	-5.823e+05
345	25	7.511e+05	8.808e+04	-0.75	0.0	0.0	-1.503e+04	3853.92	-1517.73	-3.190e+04	8.808e+04	-8.292e+05

		-8.292e+05	-5.340e+05	0.09	0.0	205.0	-1.413e+04	3853.92	-1517.73	-3.190e+04	-2.229e+05	-3.905e+04
						410.0	-1.324e+04	3853.92	-1517.73	-3.190e+04	-5.340e+05	7.511e+05
345	28	8.003e+05	2.578e+05	0.75	0.0	0.0	-7928.17	-3335.53	-2089.20	3.079e+04	2.578e+05	8.003e+05
		-5.675e+05	-5.990e+05	-0.09	0.0	205.0	-7031.29	-3335.53	-2089.20	3.079e+04	-1.706e+05	1.164e+05
						410.0	-6134.42	-3335.53	-2089.20	3.079e+04	-5.990e+05	-5.675e+05
345	46	5.005e+04	6.374e+05	0.08	0.0	0.0	-1.208e+04	18.38	-3716.73	7.314e+04	6.374e+05	4.240e+04
		4.240e+04	-8.866e+05	0.22	0.0	205.0	-1.118e+04	18.38	-3716.73	7.314e+04	-1.246e+05	4.622e+04
						410.0	-1.029e+04	18.38	-3716.73	7.314e+04	-8.866e+05	5.005e+04
345	53	4.666e+05	5.474e+04	-0.42	0.0	0.0	-1.328e+04	2300.88	-1347.78	-2.385e+04	5.474e+04	-4.769e+05
		-4.769e+05	-4.977e+05	0.04	0.0	205.0	-1.239e+04	2300.88	-1347.78	-2.385e+04	-2.215e+05	-5183.40
						410.0	-1.149e+04	2300.88	-1347.78	-2.385e+04	-4.977e+05	4.666e+05
345	57	4.579e+05	1.375e+05	-0.41	0.0	0.0	-1.342e+04	2252.22	-1692.43	-1.722e+04	1.375e+05	-4.656e+05
		-4.656e+05	-5.562e+05	0.06	0.0	205.0	-1.253e+04	2252.22	-1692.43	-1.722e+04	-2.093e+05	-3868.52
						410.0	-1.163e+04	2252.22	-1692.43	-1.722e+04	-5.562e+05	4.579e+05
345	60	4.367e+05	2.084e+05	0.41	0.0	0.0	-9536.26	-1733.84	-1914.49	1.611e+04	2.084e+05	4.367e+05
		-2.743e+05	-5.767e+05	-0.06	0.0	205.0	-8639.39	-1733.84	-1914.49	1.611e+04	-1.842e+05	8.118e+04
						410.0	-7742.51	-1733.84	-1914.49	1.611e+04	-5.767e+05	-2.743e+05
345	69	9.164e+04	1.672e+05	-0.01	0.0	0.0	-1.089e+04	262.67	-1735.13	-453.81	1.672e+05	-1.606e+04
		-1.606e+04	-5.442e+05	0.03	0.0	205.0	-9990.28	262.67	-1735.13	-453.81	-1.885e+05	3.779e+04
						410.0	-9093.40	262.67	-1735.13	-453.81	-5.442e+05	9.164e+04
345	70	9.215e+04	1.864e+05	-0.01	0.0	0.0	-1.286e+04	251.07	-1962.91	-789.13	1.864e+05	-1.079e+04
		-1.079e+04	-6.184e+05	0.04	0.0	205.0	-1.197e+04	251.07	-1962.91	-789.13	-2.160e+05	4.068e+04
						410.0	-1.107e+04	251.07	-1962.91	-789.13	-6.184e+05	9.215e+04
345	71	9.164e+04	1.672e+05	-0.01	0.0	0.0	-1.089e+04	262.67	-1735.13	-453.81	1.672e+05	-1.606e+04
		-1.606e+04	-5.442e+05	0.03	0.0	205.0	-9990.28	262.67	-1735.13	-453.81	-1.885e+05	3.779e+04
						410.0	-9093.40	262.67	-1735.13	-453.81	-5.442e+05	9.164e+04
345	72	9.190e+04	1.768e+05	-0.01	0.0	0.0	-1.187e+04	256.87	-1849.02	-621.47	1.768e+05	-1.342e+04
		-1.342e+04	-5.813e+05	0.03	0.0	205.0	-1.098e+04	256.87	-1849.02	-621.47	-2.023e+05	3.924e+04
						410.0	-1.008e+04	256.87	-1849.02	-621.47	-5.813e+05	9.190e+04
345	73	9.164e+04	1.672e+05	-0.01	0.0	0.0	-1.089e+04	262.67	-1735.13	-453.81	1.672e+05	-1.606e+04
		-1.606e+04	-5.442e+05	0.03	0.0	205.0	-9990.28	262.67	-1735.13	-453.81	-1.885e+05	3.779e+04
						410.0	-9093.40	262.67	-1735.13	-453.81	-5.442e+05	9.164e+04
345	74	9.179e+04	1.730e+05	-0.01	0.0	0.0	-1.148e+04	259.19	-1803.46	-554.40	1.730e+05	-1.448e+04
		-1.448e+04	-5.665e+05	0.03	0.0	205.0	-1.058e+04	259.19	-1803.46	-554.40	-1.968e+05	3.866e+04
						410.0	-9685.87	259.19	-1803.46	-554.40	-5.665e+05	9.179e+04
346	2	2.980e+05	-2.314e+04	0.12	0.0	0.0	-2.700e+04	-3085.23	-120.68	191.81	-2.314e+04	2.980e+05
		-9.669e+05	-7.262e+04	8.75e-03	0.0	205.0	-2.584e+04	-3085.23	-120.68	191.81	-4.788e+04	-3.344e+05
						410.0	-2.467e+04	-3085.23	-120.68	191.81	-7.262e+04	-9.669e+05
346	3	2.063e+05	-1.798e+04	0.08	0.0	0.0	-1.771e+04	-2119.01	-59.34	136.50	-1.798e+04	2.063e+05
		-6.625e+05	-4.230e+04	5.28e-03	0.0	205.0	-1.681e+04	-2119.01	-59.34	136.50	-3.014e+04	-2.281e+05
						410.0	-1.592e+04	-2119.01	-59.34	136.50	-4.230e+04	-6.625e+05
346	4	2.362e+05	-1.774e+04	0.09	0.0	0.0	-2.169e+04	-2449.52	-102.88	150.86	-1.774e+04	2.362e+05
		-7.681e+05	-5.992e+04	7.17e-03	0.0	205.0	-2.079e+04	-2449.52	-102.88	150.86	-3.883e+04	-2.660e+05
						410.0	-1.990e+04	-2449.52	-102.88	150.86	-5.992e+04	-7.681e+05
346	15	2.057e+06	1.017e+05	1.55	0.0	0.0	-2.396e+04	-1.077e+04	765.27	3.447e+04	-2.123e+05	2.057e+06
		-2.360e+06	-2.123e+05	-0.10	0.0	205.0	-2.307e+04	-1.077e+04	765.27	3.447e+04	-5.531e+04	-1.517e+05
						410.0	-2.217e+04	-1.077e+04	765.27	3.447e+04	1.017e+05	-2.360e+06
346	18	9.893e+05	3.486e+05	-1.58	0.0	0.0	-1.293e+04	6384.23	-1692.32	-4.368e+04	3.486e+05	-1.628e+06
		-1.628e+06	-3.456e+05	0.16	0.0	205.0	-1.204e+04	6384.23	-1692.32	-4.368e+04	1505.80	-3.195e+05
						410.0	-1.114e+04	6384.23	-1692.32	-4.368e+04	-3.456e+05	9.893e+05
346	19	2.053e+06	2.540e+05	1.55	0.0	0.0	-2.408e+04	-1.075e+04	1556.22	4.396e+04	-3.845e+05	2.053e+06
		-2.357e+06	-3.845e+05	-0.16	0.0	205.0	-2.318e+04	-1.075e+04	1556.22	4.396e+04	-6.526e+04	-1.519e+05
						410.0	-2.228e+04	-1.075e+04	1556.22	4.396e+04	2.540e+05	-2.357e+06
346	30	-2.416e+05	2.083e+06	-0.44	0.0	0.0	-1.550e+04	79.68	-9378.94	-2.139e+05	2.083e+06	-2.742e+05
		-2.742e+05	-1.764e+06	0.75	0.0	205.0	-1.460e+04	79.68	-9378.94	-2.139e+05	1.592e+05	-2.579e+05
						410.0	-1.371e+04	79.68	-9378.94	-2.139e+05	-1.764e+06	-2.416e+05
346	31	6.988e+05	1.673e+06	0.42	0.0	0.0	-2.151e+04	-4449.90	9242.84	2.142e+05	-2.230e+05	-2.134e+05
		-1.126e+06	-2.119e+06	-0.75	0.0	205.0	-2.061e+04	-4449.90	9242.84	2.142e+05	-2.230e+05	-2.134e+05
						410.0	-1.972e+04	-4449.90	9242.84	2.142e+05	1.673e+06	-1.126e+06
346	47	1.276e+06	2.967e+04	0.89	0.0	0.0	-2.164e+04	-7137.55	356.13	1.703e+04	-1.165e+05	1.276e+06
		-1.650e+06	-1.165e+05	-0.05	0.0	205.0	-2.074e+04	-7137.55	356.13	1.703e+04	-4.340e+04	-1.872e+05
						410.0	-1.984e+04	-7137.55	356.13	1.703e+04	2.967e+04	-1.650e+06
346	50	2.811e+05	1.751e+05	-0.92	0.0	0.0	-1.531e+04	2756.83	-927.48	-2.180e+04	1.751e+05	-8.492e+05
		-8.492e+05	-2.054e+05	0.09	0.0	205.0	-1.442e+04	2756.83	-927.48	-2.180e+04	-1.512e+04	-2.840e+05
						410.0	-1.352e+04	2756.83	-927.48	-2.180e+04	-2.054e+05	2.811e+05
346	51	1.274e+06	1.137e+05	0.88	0.0	0.0	-2.170e+04	-7127.05	791.39	2.208e+04	-2.110e+05	1.274e+06
		-1.648e+06	-2.110e+05	-0.09	0.0	205.0	-2.080e+04	-7127.05	791.39	2.208e+04	-4.863e+04	-1.873e+05
						410.0	-1.990e+04	-7127.05	791.39	2.208e+04	1.137e+05	-1.648e+06
346	62	-6.799e+04	1.131e+06	-0.26	0.0	0.0	-1.684e+04	-880.46	-5172.18	-1.121e+05	1.131e+06	-6.799e+04
		-4.290e+05	-9.910e+05	0.41	0.0	205.0	-1.595e+04	-880.46	-5172.18	-1.121e+05	6.993e+04	-2.485e+05
						410.0	-1.505e+04	-880.46	-5172.18	-1.121e+05	-9.910e+05	-4.290e+05
346	63	4.925e+05	8.993e+05	0.26	0.0	0.0	-2.017e+04	-3489.77	5036.09	1.124e+05	-1.167e+06	4.925e+05
		-9.383e+05	-1.167e+06	-0.41	0.0	205.0	-1.927e+04	-3489.77	5036.09	1.124e+05	-1.337e+05	-2.229e+05
						410.0	-1.837e+04	-3489.77	5036.09	1.124e+05	8.993e+05	-9.383e+05
346	69	2.063e+05	-1.798e+04	0.08	0.0	0.0	-1.771e+04	-2119.01	-59.34	136.50	-1.798e+04	2.063e+05
		-6.625e+05	-4.230e+04	5.28e-03	0.0	205.0	-1.681e+04	-2119.01	-59.34	136.50	-3.014e+04	-2.281e+05
						410.0	-1.592e+04	-2119.01	-59.34	136.50	-4.230e+04	-6.625e+05

346	70	2.262e+05-1.782e+04 -7.329e+05-5.405e+04	0.09 6.54e-03	0.0 0.0	0.0-2.036e+04 205.0-1.947e+04 410.0-1.857e+04	-2339.35 -2339.35 -2339.35	-88.37 -88.37 -88.37	146.07-1.782e+04 146.07-3.594e+04 146.07-5.405e+04	2.262e+05 2.534e+05 2.732e+05
346	71	2.063e+05-1.798e+04 -6.625e+05-4.230e+04	0.08 5.28e-03	0.0 0.0	0.0-1.771e+04 205.0-1.681e+04 410.0-1.592e+04	-2119.01 -2119.01 -2119.01	-59.34 -59.34 -59.34	136.50-1.798e+04 136.50-3.014e+04 136.50-4.230e+04	2.063e+05 2.281e+05 2.625e+05
346	72	2.163e+05-1.790e+04 -6.977e+05-4.818e+04	0.08 5.91e-03	0.0 0.0	0.0-1.904e+04 205.0-1.814e+04 410.0-1.724e+04	-2229.18 -2229.18 -2229.18	-73.85 -73.85 -73.85	141.29-1.790e+04 141.29-3.304e+04 141.29-4.818e+04	2.163e+05 2.407e+05 2.977e+05
346	73	2.063e+05-1.798e+04 -6.625e+05-4.230e+04	0.08 5.28e-03	0.0 0.0	0.0-1.771e+04 205.0-1.681e+04 410.0-1.592e+04	-2119.01 -2119.01 -2119.01	-59.34 -59.34 -59.34	136.50-1.798e+04 136.50-3.014e+04 136.50-4.230e+04	2.063e+05 2.281e+05 2.625e+05
346	74	2.123e+05-1.793e+04 -6.836e+05-4.583e+04	0.08 5.66e-03	0.0 0.0	0.0-1.851e+04 205.0-1.761e+04 410.0-1.671e+04	-2185.11 -2185.11 -2185.11	-68.05 -68.05 -68.05	139.37-1.793e+04 139.37-3.188e+04 139.37-4.583e+04	2.123e+05 2.357e+05 2.836e+05
347	2	2.814e+05 1.006e+05 -8.870e+05-3.908e+04	0.11 5.77e-03	0.0 0.0	0.0-2.503e+04 205.0-2.387e+04 410.0-2.270e+04	-2849.89 -2849.89 -2849.89	-340.60 -340.60 -340.60	50.24 1.006e+05 50.24 3.075e+04 50.24-3.908e+04	2.814e+05 3.028e+05 8.870e+05
347	3	1.955e+05 6.875e+04 -6.087e+05-2.753e+04	0.07 3.35e-03	0.0 0.0	0.0-1.651e+04 205.0-1.561e+04 410.0-1.471e+04	-1961.56 -1961.56 -1961.56	-234.83 -234.83 -234.83	47.08 6.875e+04 47.08 2.061e+04 47.08-2.753e+04	1.955e+05 2.066e+05 6.087e+05
347	7	2.291e+06 2.440e+04 -2.530e+06-1.694e+04	1.71 0.02	0.0 0.0	0.0-2.181e+04 205.0-2.091e+04 410.0-2.001e+04	-1.176e+04 -1.176e+04 -1.176e+04	1.139e+05 1.139e+05 1.139e+05	2.440e+04 3726.31 1.694e+04	2.291e+06 1.196e+05 2.530e+06
347	9	1.231e+06 7.209e+05 -1.839e+06-8.065e+05	-1.73 -0.43	0.0 0.0	0.0-1.176e+04 205.0-1.086e+04 410.0-9966.62	7487.47 7487.47 7487.47	3723.24 3723.24 3723.24	1.427e+04 4.278e+04 2.709e+04	-1.839e+06 -3.042e+05 1.231e+06
347	12	2.241e+06 9.485e+05 -2.486e+06-7.773e+05	1.70 0.43	0.0 0.0	0.0-2.268e+04 205.0-2.179e+04 410.0-2.089e+04	-1.153e+04 -1.153e+04 -1.153e+04	-4207.03 -4207.03 -4207.03	9.485e+05 8.559e+04 1.418e+04	2.241e+06 1.227e+05 2.486e+06
347	29	-1.226e+05 1.577e+06 -3.518e+05-1.842e+06	-0.58 -0.86	0.0 0.0	0.0-1.410e+04 205.0-1.321e+04 410.0-1.231e+04	560.52 560.52 560.52	8334.15 8334.15 8334.15	2.138e+05 -1.326e+05 1.577e+06	-1.226e+05 -3.518e+05 1.577e+06
347	32	7.537e+05 1.984e+06 -1.133e+06-1.634e+06	0.55 0.86	0.0 0.0	0.0-2.034e+04 205.0-1.944e+04 410.0-1.855e+04	-4603.59 -4603.59 -4603.59	-8817.94 -8817.94 -8817.94	1.984e+06 1.754e+05 -2.137e+05	7.537e+05 1.897e+05 1.634e+06
347	39	1.403e+06 5.303e+04 -1.722e+06-2.787e+04	0.98 0.02	0.0 0.0	0.0-1.987e+04 205.0-1.897e+04 410.0-1.808e+04	-7622.05 -7622.05 -7622.05	-197.92 -197.92 -197.92	5.303e+04 1.258e+04 6.295e+04	1.403e+06 1.595e+05 2.787e+04
347	41	4.414e+05 3.891e+05 -9.728e+05-4.150e+05	-1.00 -0.24	0.0 0.0	0.0-1.411e+04 205.0-1.321e+04 410.0-1.231e+04	3449.58 3449.58 3449.58	1960.06 1960.06 1960.06	4.150e+05 -1.292e+04 3.891e+05	-9.728e+05 -2.657e+05 4.414e+05
347	44	1.375e+06 5.570e+05 -1.697e+06-4.455e+05	0.97 0.24	0.0 0.0	0.0-2.034e+04 205.0-1.944e+04 410.0-1.854e+04	-7492.64 -7492.64 -7492.64	-2443.85 -2443.85 -2443.85	5.570e+05 5.573e+04 -4.455e+05	1.375e+06 1.611e+05 -1.697e+06
347	61	-1.173e+05 8.562e+05 -3.372e+05-9.759e+05	-0.34 -0.47	0.0 0.0	0.0-1.550e+04 205.0-1.460e+04 410.0-1.370e+04	-535.56 -535.56 -535.56	4464.93 4464.93 4464.93	1.121e+05 -5.983e+04 1.121e+05	-1.173e+05 -2.273e+05 -9.759e+05
347	64	5.193e+05 1.118e+06 -9.185e+05-9.126e+05	0.33 0.47	0.0 0.0	0.0-1.895e+04 205.0-1.805e+04 410.0-1.715e+04	-3507.51 -3507.51 -3507.51	-4948.72 -4948.72 -4948.72	1.118e+06 1.026e+05 -9.126e+05	5.193e+05 -1.996e+05 -9.185e+05
347	69	1.955e+05 6.875e+04 -6.087e+05-2.753e+04	0.07 3.35e-03	0.0 0.0	0.0-1.651e+04 205.0-1.561e+04 410.0-1.471e+04	-1961.56 -1961.56 -1961.56	-234.83 -234.83 -234.83	6.875e+04 2.061e+04 -2.753e+04	1.955e+05 2.066e+05 6.087e+05
347	70	2.137e+05 7.621e+04 -6.725e+05-2.972e+04	0.08 4.29e-03	0.0 0.0	0.0-1.889e+04 205.0-1.799e+04 410.0-1.710e+04	-2161.47 -2161.47 -2161.47	-258.38 -258.38 -258.38	7.621e+04 2.325e+04 -2.972e+04	2.137e+05 2.294e+05 6.725e+05
347	71	1.955e+05 6.875e+04 -6.087e+05-2.753e+04	0.07 3.35e-03	0.0 0.0	0.0-1.651e+04 205.0-1.561e+04 410.0-1.471e+04	-1961.56 -1961.56 -1961.56	-234.83 -234.83 -234.83	6.875e+04 2.061e+04 -2.753e+04	1.955e+05 2.066e+05 6.087e+05
347	72	2.046e+05 7.248e+04 -6.406e+05-2.862e+04	0.08 3.82e-03	0.0 0.0	0.0-1.770e+04 205.0-1.680e+04 410.0-1.590e+04	-2061.51 -2061.51 -2061.51	-246.60 -246.60 -246.60	7.248e+04 2.193e+04 -2.862e+04	2.046e+05 2.180e+05 6.406e+05
347	73	1.955e+05 6.875e+04 -6.087e+05-2.753e+04	0.07 3.35e-03	0.0 0.0	0.0-1.651e+04 205.0-1.561e+04 410.0-1.471e+04	-1961.56 -1961.56 -1961.56	-234.83 -234.83 -234.83	6.875e+04 2.061e+04 -2.753e+04	1.955e+05 2.066e+05 6.087e+05
347	74	2.010e+05 7.099e+04 -6.278e+05-2.819e+04	0.08 3.63e-03	0.0 0.0	0.0-1.722e+04 205.0-1.633e+04 410.0-1.543e+04	-2021.53 -2021.53 -2021.53	-241.90 -241.90 -241.90	7.099e+04 2.140e+04 -2.819e+04	2.010e+05 2.134e+05 6.278e+05
348	2	1.289e+05 2.652e+04 -9878.93-6.009e+04	0.02 3.08e-03	0.0 0.0	0.0-2.496e+04 205.0-2.379e+04 410.0-2.263e+04	338.45 338.45 338.45	-211.23 -211.23 -211.23	2.652e+04 1.679e+04 -6.009e+04	-9878.93 5.950e+04 1.289e+05
348	3	4.339e+04 1.774e+04 -2439.28-3.967e+04	0.01 2.07e-03	0.0 0.0	0.0-1.623e+04 205.0-1.534e+04 410.0-1.444e+04	111.79 111.79 111.79	-140.01 -140.01 -140.01	1.774e+04 1.090.45 -3.967e+04	-2439.28 2.048e+04 4.339e+04
348	9	1.762e+05 1.836e+06 -5.218e+05-1.434e+06	-1.14 0.57	0.0 0.0	0.0-1.696e+04 205.0-1.606e+04	1700.65 1700.65	-7975.33 -7975.33	1.836e+06 2.011e+05	-5.218e+05 -1.728e+05

						410.0-1.516e+04	1700.65	-7975.33	-1.226e+05	-1.434e+06	1.762e+05
348	12	5.142e+05	1.351e+06	1.17	0.0	0.0-1.705e+04	-1399.82	7683.62	1.249e+05	-1.799e+06	5.142e+05
		-6.045e+04	-1.799e+06	-0.57	0.0	205.0-1.615e+04	-1399.82	7683.62	1.249e+05	-2.240e+05	2.269e+05
						410.0-1.526e+04	-1399.82	7683.62	1.249e+05	1.351e+06	-6.045e+04
348	21	4.035e+05	4.803e+05	-3.55	0.0	0.0-1.692e+04	4750.80	-2137.67	-1.373e+05	4.803e+05	-1.551e+06
		-1.551e+06	-3.960e+05	0.14	0.0	205.0-1.603e+04	4750.80	-2137.67	-1.373e+05	4.212e+04	5.737e+05
						410.0-1.513e+04	4750.80	-2137.67	-1.373e+05	-3.960e+05	4.035e+05
348	24	1.543e+06	3.133e+05	3.58	0.0	0.0-1.708e+04	-4449.97	1845.95	1.395e+05	-4.434e+05	1.543e+06
		-2.878e+05	-4.434e+05	-0.14	0.0	205.0-1.619e+04	-4449.97	1845.95	1.395e+05	-6.506e+04	6.278e+05
						410.0-1.529e+04	-4449.97	1845.95	1.395e+05	3.133e+05	-2.878e+05
348	41	1.216e+05	1.064e+06	-0.60	0.0	0.0-1.698e+04	978.25	-4648.50	-6.618e+04	1.064e+06	-2.799e+05
		-2.799e+05	-8.421e+05	0.33	0.0	205.0-1.608e+04	978.25	-4648.50	-6.618e+04	1.108e+05	-7.912e+04
						410.0-1.518e+04	978.25	-4648.50	-6.618e+04	-8.421e+05	1.216e+05
348	44	2.723e+05	7.594e+05	0.63	0.0	0.0-1.703e+04	-677.42	4356.79	6.845e+04	-1.027e+06	2.723e+05
		-5846.90	-1.027e+06	-0.33	0.0	205.0-1.613e+04	-677.42	4356.79	6.845e+04	-1.337e+05	1.332e+05
						410.0-1.524e+04	-677.42	4356.79	6.845e+04	7.594e+05	-5846.90
348	53	2.431e+05	2.848e+05	-1.87	0.0	0.0-1.696e+04	2589.96	-1294.36	-7.302e+04	2.848e+05	-8.229e+05
		-8.229e+05	-2.458e+05	0.08	0.0	205.0-1.606e+04	2589.96	-1294.36	-7.302e+04	1.951e+04	-2.899e+05
						410.0-1.517e+04	2589.96	-1294.36	-7.302e+04	-2.458e+05	2.431e+05
348	56	8.153e+05	1.630e+05	1.89	0.0	0.0-1.705e+04	-2289.13	1002.64	7.529e+04	-2.480e+05	8.153e+05
		-1.273e+05	-2.480e+05	-0.08	0.0	205.0-1.615e+04	-2289.13	1002.64	7.529e+04	-4.246e+04	3.440e+05
						410.0-1.525e+04	-2289.13	1002.64	7.529e+04	1.630e+05	-1.273e+05
348	69	4.339e+04	1.774e+04	0.01	0.0	0.0-1.623e+04	111.79	-140.01	1090.45	1.774e+04	-2439.28
		-2439.28	-3.967e+04	2.07e-03	0.0	205.0-1.534e+04	111.79	-140.01	1090.45	-1.097e+04	2.048e+04
						410.0-1.444e+04	111.79	-140.01	1090.45	-3.967e+04	4.339e+04
348	70	9.171e+04	2.004e+04	0.02	0.0	0.0-1.880e+04	240.54	-159.49	1245.21	2.004e+04	-6911.19
		-6911.19	-4.535e+04	2.33e-03	0.0	205.0-1.791e+04	240.54	-159.49	1245.21	-1.265e+04	4.240e+04
						410.0-1.701e+04	240.54	-159.49	1245.21	-4.535e+04	9.171e+04
348	71	4.339e+04	1.774e+04	0.01	0.0	0.0-1.623e+04	111.79	-140.01	1090.45	1.774e+04	-2439.28
		-2439.28	-3.967e+04	2.07e-03	0.0	205.0-1.534e+04	111.79	-140.01	1090.45	-1.097e+04	2.048e+04
						410.0-1.444e+04	111.79	-140.01	1090.45	-3.967e+04	4.339e+04
348	72	6.755e+04	1.889e+04	0.01	0.0	0.0-1.752e+04	176.16	-149.75	1167.83	1.889e+04	-4675.23
		-4675.23	-4.251e+04	2.20e-03	0.0	205.0-1.662e+04	176.16	-149.75	1167.83	-1.181e+04	3.144e+04
						410.0-1.572e+04	176.16	-149.75	1167.83	-4.251e+04	6.755e+04
348	73	4.339e+04	1.774e+04	0.01	0.0	0.0-1.623e+04	111.79	-140.01	1090.45	1.774e+04	-2439.28
		-2439.28	-3.967e+04	2.07e-03	0.0	205.0-1.534e+04	111.79	-140.01	1090.45	-1.097e+04	2.048e+04
						410.0-1.444e+04	111.79	-140.01	1090.45	-3.967e+04	4.339e+04
348	74	5.789e+04	1.843e+04	0.01	0.0	0.0-1.700e+04	150.41	-145.86	1136.88	1.843e+04	-3780.85
		-3780.85	-4.137e+04	2.15e-03	0.0	205.0-1.611e+04	150.41	-145.86	1136.88	-1.147e+04	2.705e+04
						410.0-1.521e+04	150.41	-145.86	1136.88	-4.137e+04	5.789e+04
349	2	1.128e+05	1.529e+05	0.01	0.0	0.0-2.706e+04	332.32	-277.48	2762.70	1.529e+05	-2.341e+04
		-2.341e+04	3.909e+04	-0.02	0.0	205.0-2.590e+04	332.32	-277.48	2762.70	9.597e+04	4.472e+04
						410.0-2.473e+04	332.32	-277.48	2762.70	3.909e+04	1.128e+05
349	3	3.561e+04	1.025e+05	5.46e-03	0.0	0.0-1.760e+04	108.25	-192.90	1657.27	1.025e+05	-8770.81
		-8770.81	2.342e+04	-0.01	0.0	205.0-1.671e+04	108.25	-192.90	1657.27	6.297e+04	1.342e+04
						410.0-1.581e+04	108.25	-192.90	1657.27	2.342e+04	3.561e+04
349	6	4.309e+05	1.783e+06	0.44	0.0	0.0-1.920e+04	-1172.69	-7349.08	1.977e+05	1.783e+06	4.309e+05
		-5.269e+04	-1.230e+06	0.57	0.0	205.0-1.830e+04	-1172.69	-7349.08	1.977e+05	2.769e+05	1.891e+05
						410.0-1.741e+04	-1172.69	-7349.08	1.977e+05	-1.230e+06	-5.269e+04
349	7	1.505e+05	1.280e+06	-0.42	0.0	0.0-1.768e+04	1465.82	6952.60	-1.941e+05	-1.571e+06	-4.533e+05
		-4.533e+05	-1.571e+06	-0.57	0.0	205.0-1.678e+04	1465.82	6952.60	-1.941e+05	-1.453e+05	-1.514e+05
						410.0-1.589e+04	1465.82	6952.60	-1.941e+05	1.280e+06	1.505e+05
349	9	2.198e+04	1.880e+06	-0.83	0.0	0.0-1.890e+04	92.55	-7784.91	-3.513e+04	1.880e+06	-2.610e+04
		-2.610e+04	-1.311e+06	0.57	0.0	205.0-1.800e+04	92.55	-7784.91	-3.513e+04	2.845e+05	-2063.36
						410.0-1.711e+04	92.55	-7784.91	-3.513e+04	-1.311e+06	2.198e+04
349	12	7.586e+04	1.362e+06	0.84	0.0	0.0-1.798e+04	200.58	7388.43	3.868e+04	-1.668e+06	3761.19
		3761.19	-1.668e+06	-0.57	0.0	205.0-1.708e+04	200.58	7388.43	3.868e+04	-1.529e+05	3.981e+04
						410.0-1.619e+04	200.58	7388.43	3.868e+04	1.362e+06	7.586e+04
349	22	9.013e+05	4.657e+05	2.20	0.0	0.0-1.917e+04	-2425.20	-1690.87	4.284e+05	4.657e+05	9.013e+05
		-1.014e+05	-2.275e+05	0.20	0.0	205.0-1.827e+04	-2425.20	-1690.87	4.284e+05	1.191e+05	4.000e+05
						410.0-1.738e+04	-2425.20	-1690.87	4.284e+05	-2.275e+05	-1.014e+05
349	23	1.992e+05	2.778e+05	-2.18	0.0	0.0-1.771e+04	2718.34	1294.38	-4.248e+05	-2.528e+05	-9.236e+05
		-9.236e+05	-2.528e+05	-0.19	0.0	205.0-1.681e+04	2718.34	1294.38	-4.248e+05	1.247e+04	-3.622e+05
						410.0-1.592e+04	2718.34	1294.38	-4.248e+05	2.778e+05	1.992e+05
349	38	2.262e+05	1.073e+06	0.23	0.0	0.0-1.887e+04	-563.09	-4320.56	1.088e+05	1.073e+06	2.262e+05
		-6405.42	-6.983e+05	0.33	0.0	205.0-1.797e+04	-563.09	-4320.56	1.088e+05	1.874e+05	1.099e+05
						410.0-1.708e+04	-563.09	-4320.56	1.088e+05	-6.983e+05	-6405.42
349	39	1.042e+05	7.486e+05	-0.21	0.0	0.0-1.801e+04	856.23	3924.08	-1.052e+05	-8.602e+05	-2.485e+05
		-2.485e+05	-8.602e+05	-0.32	0.0	205.0-1.711e+04	856.23	3924.08	-1.052e+05	-5.579e+04	-7.214e+04
						410.0-1.622e+04	856.23	3924.08	-1.052e+05	7.486e+05	1.042e+05
349	41	3.508e+04	1.125e+06	-0.44	0.0	0.0-1.871e+04	113.16	-4555.74	-1.457e+04	1.125e+06	-1.691e+04
		-1.691e+04	-7.425e+05	0.33	0.0	205.0-1.781e+04	113.16	-4555.74	-1.457e+04	1.915e+05	9087.69
						410.0-1.691e+04	113.16	-4555.74	-1.457e+04	-7.425e+05	3.508e+04
349	44	6.276e+04	7.928e+05	0.45	0.0	0.0-1.817e+04	179.97	4159.26	1.813e+04	-9.125e+05	-5437.69
		-5437.69	-9.125e+05	-0.33	0.0	205.0-1.728e+04	179.97	4159.26	1.813e+04	-5.988e+04	2.866e+04
						410.0-1.638e+04	179.97	4159.26	1.813e+04	7.928e+05	6.276e+04
349	54	4.723e+05	3.173e+05	1.16	0.0	0.0-1.884e+04	-1218.88	-1076.23	2.295e+05	3.173e+05	4.723e+05

		-3.244e+04	-1.239e+05	0.11	0.0	205.0	-1.795e+04	-1218.88	-1076.23	2.295e+05	9.668e+04	2.199e+05
						410.0	-1.705e+04	-1218.88	-1076.23	2.295e+05	-1.239e+05	-3.244e+04
349	55	1.303e+05	1.742e+05	-1.15	0.0	0.0	-1.804e+04	1512.01	679.75	-2.260e+05	-1.044e+05	-4.947e+05
		-4.947e+05	-1.044e+05	-0.11	0.0	205.0	-1.714e+04	1512.01	679.75	-2.260e+05	3.490e+04	-1.822e+05
						410.0	-1.624e+04	1512.01	679.75	-2.260e+05	1.742e+05	1.303e+05
349	69	3.561e+04	1.025e+05	5.46e-03	0.0	0.0	-1.760e+04	108.25	-192.90	1657.27	1.025e+05	-8770.81
		-8770.81	2.342e+04	-0.01	0.0	205.0	-1.671e+04	108.25	-192.90	1657.27	6.297e+04	1.342e+04
						410.0	-1.581e+04	108.25	-192.90	1657.27	2.342e+04	3.561e+04
349	70	7.998e+04	1.156e+05	8.64e-03	0.0	0.0	-2.039e+04	235.98	-210.71	2062.77	1.156e+05	-1.677e+04
		-1.677e+04	2.918e+04	-0.01	0.0	205.0	-1.949e+04	235.98	-210.71	2062.77	7.238e+04	3.160e+04
						410.0	-1.860e+04	235.98	-210.71	2062.77	2.918e+04	7.998e+04
349	71	3.561e+04	1.025e+05	5.46e-03	0.0	0.0	-1.760e+04	108.25	-192.90	1657.27	1.025e+05	-8770.81
		-8770.81	2.342e+04	-0.01	0.0	205.0	-1.671e+04	108.25	-192.90	1657.27	6.297e+04	1.342e+04
						410.0	-1.581e+04	108.25	-192.90	1657.27	2.342e+04	3.561e+04
349	72	5.779e+04	1.090e+05	7.05e-03	0.0	0.0	-1.900e+04	172.11	-201.80	1860.02	1.090e+05	-1.277e+04
		-1.277e+04	2.630e+04	-0.01	0.0	205.0	-1.810e+04	172.11	-201.80	1860.02	6.767e+04	2.251e+04
						410.0	-1.720e+04	172.11	-201.80	1860.02	2.630e+04	5.779e+04
349	73	3.561e+04	1.025e+05	5.46e-03	0.0	0.0	-1.760e+04	108.25	-192.90	1657.27	1.025e+05	-8770.81
		-8770.81	2.342e+04	-0.01	0.0	205.0	-1.671e+04	108.25	-192.90	1657.27	6.297e+04	1.342e+04
						410.0	-1.581e+04	108.25	-192.90	1657.27	2.342e+04	3.561e+04
349	74	4.892e+04	1.064e+05	6.41e-03	0.0	0.0	-1.844e+04	146.57	-198.24	1778.92	1.064e+05	-1.117e+04
		-1.117e+04	2.515e+04	-0.01	0.0	205.0	-1.754e+04	146.57	-198.24	1778.92	6.579e+04	1.887e+04
						410.0	-1.665e+04	146.57	-198.24	1778.92	2.515e+04	4.892e+04
350	1	4.960e+05	2.271e+04	-0.06	0.0	0.0	-1.309e+04	1649.95	-380.02	1192.25	2.271e+04	-1.804e+05
		-1.804e+05	-1.331e+05	7.52e-03	0.0	205.0	-1.192e+04	1649.95	-380.02	1192.25	-5.520e+04	1.578e+05
						410.0	-1.075e+04	1649.95	-380.02	1192.25	-1.331e+05	4.960e+05
350	2	5.734e+05	1.356e+04	-0.07	0.0	0.0	-1.583e+04	1898.73	-347.21	1572.78	1.356e+04	-2.051e+05
		-2.051e+05	-1.288e+05	7.86e-03	0.0	205.0	-1.466e+04	1898.73	-347.21	1572.78	-5.761e+04	1.841e+05
						410.0	-1.349e+04	1898.73	-347.21	1572.78	-1.288e+05	5.734e+05
350	3	3.816e+05	1.747e+04	-0.04	0.0	0.0	-1.007e+04	1269.19	-292.32	917.12	1.747e+04	-1.388e+05
		-1.388e+05	-1.024e+05	5.79e-03	0.0	205.0	-9169.22	1269.19	-292.32	917.12	-4.246e+04	1.214e+05
						410.0	-8272.35	1269.19	-292.32	917.12	-1.024e+05	3.816e+05
350	5	1.018e+06	2.898e+05	-0.54	0.0	0.0	-1.167e+04	4639.63	2049.18	-3.099e+05	-5.506e+05	-8.845e+05
		-8.845e+05	-5.506e+05	-0.35	0.0	205.0	-1.077e+04	4639.63	2049.18	-3.099e+05	-1.304e+05	6.677e+04
						410.0	-9877.88	4639.63	2049.18	-3.099e+05	2.898e+05	1.018e+06
350	21	6.840e+05	7.288e+05	-0.16	0.0	0.0	-7557.94	2915.90	4615.33	-1.937e+05	-1.164e+06	-5.116e+05
		-5.116e+05	-1.164e+06	-0.76	0.0	205.0	-6661.07	2915.90	4615.33	-1.937e+05	-2.174e+05	8.620e+04
						410.0	-5764.19	2915.90	4615.33	-1.937e+05	7.288e+05	6.840e+05
350	22	4.627e+05	1.055e+06	-0.20	0.0	0.0	-1.497e+04	1595.58	-4616.77	2.919e+04	1.055e+06	-1.915e+05
		-1.915e+05	-8.381e+05	0.67	0.0	205.0	-1.407e+04	1595.58	-4616.77	2.919e+04	1.083e+05	1.356e+05
						410.0	-1.318e+04	1595.58	-4616.77	2.919e+04	-8.381e+05	4.627e+05
350	23	3.313e+05	6.351e+05	0.20	0.0	0.0	-6256.09	1042.32	4045.25	-2.720e+04	-1.023e+06	-9.597e+04
		-9.597e+04	-1.023e+06	-0.68	0.0	205.0	-5359.21	1042.32	4045.25	-2.720e+04	-1.942e+05	1.177e+05
						410.0	-4462.34	1042.32	4045.25	-2.720e+04	6.351e+05	3.313e+05
350	24	2.241e+05	1.195e+06	0.15	0.0	0.0	-1.367e+04	-278.00	-5186.84	1.957e+05	1.195e+06	2.241e+05
		1.100e+05	-9.319e+05	0.75	0.0	205.0	-1.277e+04	-278.00	-5186.84	1.957e+05	1.315e+05	1.671e+05
						410.0	-1.188e+04	-278.00	-5186.84	1.957e+05	-9.319e+05	1.100e+05
350	37	7.536e+05	1.167e+05	-0.31	0.0	0.0	-1.124e+04	3225.10	1016.59	-1.769e+05	-3.003e+05	-5.688e+05
		-5.688e+05	-3.003e+05	-0.20	0.0	205.0	-1.034e+04	3225.10	1016.59	-1.769e+05	-9.182e+04	9.241e+04
						410.0	-9446.54	3225.10	1016.59	-1.769e+05	1.167e+05	7.536e+05
350	53	5.583e+05	3.604e+05	-0.11	0.0	0.0	-8970.02	2214.63	2438.84	-1.061e+05	-6.396e+05	-3.498e+05
		-3.498e+05	-6.396e+05	-0.42	0.0	205.0	-8073.14	2214.63	2438.84	-1.061e+05	-1.396e+05	1.042e+05
						410.0	-7176.27	2214.63	2438.84	-1.061e+05	3.604e+05	5.583e+05
350	54	4.390e+05	5.922e+05	-0.13	0.0	0.0	-1.300e+04	1502.91	-2690.60	1.198e+04	5.922e+05	-1.772e+05
		-1.772e+05	-5.110e+05	0.36	0.0	205.0	-1.210e+04	1502.91	-2690.60	1.198e+04	4.060e+04	1.309e+05
						410.0	-1.120e+04	1502.91	-2690.60	1.198e+04	-5.110e+05	4.390e+05
350	55	3.550e+05	3.079e+05	0.12	0.0	0.0	-8231.88	1134.99	2119.08	-9990.31	-5.609e+05	-1.103e+05
		-1.103e+05	-5.609e+05	-0.37	0.0	205.0	-7335.00	1134.99	2119.08	-9990.31	-1.265e+05	1.224e+05
						410.0	-6438.13	1134.99	2119.08	-9990.31	3.079e+05	3.550e+05
350	56	2.358e+05	6.709e+05	0.09	0.0	0.0	-1.226e+04	423.27	-3010.36	1.081e+05	6.709e+05	6.232e+04
		6.232e+04	-5.635e+05	0.41	0.0	205.0	-1.136e+04	423.27	-3010.36	1.081e+05	5.371e+04	1.491e+05
						410.0	-1.046e+04	423.27	-3010.36	1.081e+05	-5.635e+05	2.358e+05
350	69	3.816e+05	1.747e+04	-0.04	0.0	0.0	-1.007e+04	1269.19	-292.32	917.12	1.747e+04	-1.388e+05
		-1.388e+05	-1.024e+05	5.79e-03	0.0	205.0	-9169.22	1269.19	-292.32	917.12	-4.246e+04	1.214e+05
						410.0	-8272.35	1269.19	-292.32	917.12	-1.024e+05	3.816e+05
350	70	4.331e+05	1.137e+04	-0.05	0.0	0.0	-1.189e+04	1435.04	-270.45	1170.80	1.137e+04	-1.553e+05
		-1.553e+05	-9.951e+04	6.01e-03	0.0	205.0	-1.100e+04	1435.04	-270.45	1170.80	-4.407e+04	1.389e+05
						410.0	-1.010e+04	1435.04	-270.45	1170.80	-9.951e+04	4.331e+05
350	71	3.816e+05	1.747e+04	-0.04	0.0	0.0	-1.007e+04	1269.19	-292.32	917.12	1.747e+04	-1.388e+05
		-1.388e+05	-1.024e+05	5.79e-03	0.0	205.0	-9169.22	1269.19	-292.32	917.12	-4.246e+04	1.214e+05
						410.0	-8272.35	1269.19	-292.32	917.12	-1.024e+05	3.816e+05
350	72	4.073e+05	1.442e+04	-0.05	0.0	0.0	-1.098e+04	1352.12	-281.38	1043.96	1.442e+04	-1.470e+05
		-1.470e+05	-1.009e+05	5.90e-03	0.0	205.0	-1.008e+04	1352.12	-281.38	1043.96	-4.326e+04	1.302e+05
						410.0	-9185.45	1352.12	-281.38	1043.96	-1.009e+05	4.073e+05
350	73	3.816e+05	1.747e+04	-0.04	0.0	0.0	-1.007e+04	1269.19	-292.32	917.12	1.747e+04	-1.388e+05
		-1.388e+05	-1.024e+05	5.79e-03	0.0	205.0	-9169.22	1269.19	-292.32	917.12	-4.246e+04	1.214e+05
						410.0	-8272.35	1269.19	-292.32	917.12	-1.024e+05	3.816e+05

350	74	3.970e+05	1.564e+04	-0.05	0.0	0.0	-1.061e+04	1318.95	-285.76	993.22	1.564e+04	-1.437e+05
		-1.437e+05	-1.015e+05	5.85e-03	0.0	205.0	-9717.09	1318.95	-285.76	993.22	-4.294e+04	1.266e+05
						410.0	-8820.21	1318.95	-285.76	993.22	-1.015e+05	3.970e+05
351	2	7.791e+05	4.310e+04	-0.10	0.0	0.0	-2.161e+04	2429.25	90.13	1181.76	6147.42	-2.169e+05
		-2.169e+05	6147.42	-4.85e-03	0.0	205.0	-2.044e+04	2429.25	90.13	1181.76	2.462e+04	2.811e+05
						410.0	-1.927e+04	2429.25	90.13	1181.76	4.310e+04	7.791e+05
351	3	5.370e+05	2.665e+04	-0.07	0.0	0.0	-1.428e+04	1680.46	54.41	836.20	4345.53	-1.520e+05
		-1.520e+05	4345.53	-3.23e-03	0.0	205.0	-1.339e+04	1680.46	54.41	836.20	1.550e+04	1.925e+05
						410.0	-1.249e+04	1680.46	54.41	836.20	2.665e+04	5.370e+05
351	14	2.224e+06	3.690e+05	-1.54	0.0	0.0	-1.982e+04	1.024e+04	-1591.92	1.264e+05	3.690e+05	-1.974e+06
		-1.974e+06	-2.839e+05	0.14	0.0	205.0	-1.892e+04	1.024e+04	-1591.92	1.264e+05	4.256e+04	1.254e+05
						410.0	-1.802e+04	1.024e+04	-1591.92	1.264e+05	-2.839e+05	2.224e+06
351	15	1.662e+06	3.406e+05	1.57	0.0	0.0	-9964.12	-6779.87	1708.49	-1.247e+05	-3.601e+05	1.662e+06
		-1.118e+06	-3.601e+05	-0.15	0.0	205.0	-9067.25	-6779.87	1708.49	-1.247e+05	-9772.37	2.719e+05
						410.0	-8170.37	-6779.87	1708.49	-1.247e+05	3.406e+05	-1.118e+06
351	21	8.642e+05	1.673e+06	-0.31	0.0	0.0	-1.433e+04	3314.14	8595.58	-2.005e+05	-1.852e+06	-4.946e+05
		-4.946e+05	-1.852e+06	-0.78	0.0	205.0	-1.344e+04	3314.14	8595.58	-2.005e+05	-8.968e+04	1.848e+05
						410.0	-1.254e+04	3314.14	8595.58	-2.005e+05	1.673e+06	8.642e+05
351	24	2.422e+05	1.861e+06	0.31	0.0	0.0	-1.545e+04	144.64	-8479.00	2.022e+05	1.861e+06	1.829e+05
		1.829e+05	-1.616e+06	0.78	0.0	205.0	-1.455e+04	144.64	-8479.00	2.022e+05	1.225e+05	2.125e+05
						410.0	-1.365e+04	144.64	-8479.00	2.022e+05	-1.616e+06	2.422e+05
351	46	1.517e+06	2.007e+05	-0.89	0.0	0.0	-1.771e+04	6635.34	-831.61	6.960e+04	2.007e+05	-1.204e+06
		-1.204e+06	-1.404e+05	0.08	0.0	205.0	-1.682e+04	6635.34	-831.61	6.960e+04	3.014e+04	1.564e+05
						410.0	-1.592e+04	6635.34	-831.61	6.960e+04	-1.404e+05	1.517e+06
351	47	8.921e+05	1.971e+05	0.91	0.0	0.0	-1.207e+04	-3176.56	948.18	-6.789e+04	-1.918e+05	8.921e+05
		-4.103e+05	-1.918e+05	-0.08	0.0	205.0	-1.117e+04	-3176.56	948.18	-6.789e+04	2643.93	2.409e+05
						410.0	-1.027e+04	-3176.56	948.18	-6.789e+04	1.971e+05	-4.103e+05
351	53	7.329e+05	9.363e+05	-0.20	0.0	0.0	-1.463e+04	2645.27	4759.49	-1.039e+05	-1.016e+06	-3.516e+05
		-3.516e+05	-1.016e+06	-0.42	0.0	205.0	-1.373e+04	2645.27	4759.49	-1.039e+05	-3.977e+04	1.907e+05
						410.0	-1.283e+04	2645.27	4759.49	-1.039e+05	9.363e+05	7.329e+05
351	56	3.735e+05	1.025e+06	0.18	0.0	0.0	-1.516e+04	813.51	-4642.92	1.056e+05	1.025e+06	3.992e+04
		3.992e+04	-8.796e+05	0.42	0.0	205.0	-1.426e+04	813.51	-4642.92	1.056e+05	7.256e+04	2.067e+05
						410.0	-1.336e+04	813.51	-4642.92	1.056e+05	-8.796e+05	3.735e+05
351	69	5.370e+05	2.665e+04	-0.07	0.0	0.0	-1.428e+04	1680.46	54.41	836.20	4345.53	-1.520e+05
		-1.520e+05	4345.53	-3.23e-03	0.0	205.0	-1.339e+04	1680.46	54.41	836.20	1.550e+04	1.925e+05
						410.0	-1.249e+04	1680.46	54.41	836.20	2.665e+04	5.370e+05
351	70	5.910e+05	3.229e+04	-0.08	0.0	0.0	-1.631e+04	1843.56	67.34	899.33	4677.68	-1.649e+05
		-1.649e+05	4677.68	-3.67e-03	0.0	205.0	-1.541e+04	1843.56	67.34	899.33	1.848e+04	2.130e+05
						410.0	-1.452e+04	1843.56	67.34	899.33	3.229e+04	5.910e+05
351	71	5.370e+05	2.665e+04	-0.07	0.0	0.0	-1.428e+04	1680.46	54.41	836.20	4345.53	-1.520e+05
		-1.520e+05	4345.53	-3.23e-03	0.0	205.0	-1.339e+04	1680.46	54.41	836.20	1.550e+04	1.925e+05
						410.0	-1.249e+04	1680.46	54.41	836.20	2.665e+04	5.370e+05
351	72	5.640e+05	2.947e+04	-0.07	0.0	0.0	-1.530e+04	1762.01	60.87	867.77	4511.61	-1.584e+05
		-1.584e+05	4511.61	-3.45e-03	0.0	205.0	-1.440e+04	1762.01	60.87	867.77	1.699e+04	2.028e+05
						410.0	-1.350e+04	1762.01	60.87	867.77	2.947e+04	5.640e+05
351	73	5.370e+05	2.665e+04	-0.07	0.0	0.0	-1.428e+04	1680.46	54.41	836.20	4345.53	-1.520e+05
		-1.520e+05	4345.53	-3.23e-03	0.0	205.0	-1.339e+04	1680.46	54.41	836.20	1.550e+04	1.925e+05
						410.0	-1.249e+04	1680.46	54.41	836.20	2.665e+04	5.370e+05
351	74	5.532e+05	2.834e+04	-0.07	0.0	0.0	-1.489e+04	1729.39	58.29	855.14	4445.18	-1.559e+05
		-1.559e+05	4445.18	-3.36e-03	0.0	205.0	-1.399e+04	1729.39	58.29	855.14	1.639e+04	1.987e+05
						410.0	-1.310e+04	1729.39	58.29	855.14	2.834e+04	5.532e+05
352	2	8.808e+05	6.750e+04	-0.11	0.0	0.0	-2.534e+04	2837.62	-255.47	881.93	6.750e+04	-2.826e+05
		-2.826e+05	-3.724e+04	-3.31e-03	0.0	205.0	-2.417e+04	2837.62	-255.47	881.93	1.513e+04	2.991e+05
						410.0	-2.300e+04	2837.62	-255.47	881.93	-3.724e+04	8.808e+05
352	3	6.044e+05	4.840e+04	-0.07	0.0	0.0	-1.669e+04	1952.55	-184.82	661.84	4.840e+04	-1.961e+05
		-1.961e+05	-2.738e+04	-2.40e-03	0.0	205.0	-1.579e+04	1952.55	-184.82	661.84	1.051e+04	2.041e+05
						410.0	-1.490e+04	1952.55	-184.82	661.84	-2.738e+04	6.044e+05
352	5	2.529e+06	6.702e+05	-1.67	0.0	0.0	-2.221e+04	1.176e+04	3521.71	-1.115e+05	-7.748e+05	-2.294e+06
		-2.294e+06	-7.748e+05	-0.36	0.0	205.0	-2.131e+04	1.176e+04	3521.71	-1.115e+05	-5.230e+04	1.170e+05
						410.0	-2.042e+04	1.176e+04	3521.71	-1.115e+05	6.702e+05	2.529e+06
352	6	2.480e+06	2.353e+05	-1.71	0.0	0.0	-2.277e+04	1.151e+04	-979.25	2.243e+04	2.353e+05	-2.240e+06
		-2.240e+06	-1.670e+05	0.08	0.0	205.0	-2.187e+04	1.151e+04	-979.25	2.243e+04	3.416e+04	1.200e+05
						410.0	-2.097e+04	1.151e+04	-979.25	2.243e+04	-1.670e+05	2.480e+06
352	7	1.837e+06	1.116e+05	1.73	0.0	0.0	-1.207e+04	-7487.10	603.53	-2.110e+04	-1.367e+05	1.837e+06
		-1.233e+06	-1.367e+05	-0.09	0.0	205.0	-1.117e+04	-7487.10	603.53	-2.110e+04	-1.256e+04	3.018e+05
						410.0	-1.028e+04	-7487.10	603.53	-2.110e+04	1.116e+05	-1.233e+06
352	21	1.269e+06	1.451e+06	-0.45	0.0	0.0	-1.801e+04	5318.50	7751.45	-2.361e+05	-1.730e+06	-9.123e+05
		-9.123e+05	-1.730e+06	-0.78	0.0	205.0	-1.712e+04	5318.50	7751.45	-2.361e+05	-1.393e+05	1.782e+05
						410.0	-1.622e+04	5318.50	7751.45	-2.361e+05	1.451e+06	1.269e+06
352	24	5.090e+05	1.829e+06	0.46	0.0	0.0	-1.682e+04	-1293.68	-8127.17	2.374e+05	1.829e+06	5.090e+05
		-2.181e+04	-1.507e+06	0.78	0.0	205.0	-1.593e+04	-1293.68	-8127.17	2.374e+05	1.609e+05	2.436e+05
						410.0	-1.503e+04	-1293.68	-8127.17	2.374e+05	-1.507e+06	-2.181e+04
352	37	1.719e+06	3.621e+05	-0.96	0.0	0.0	-2.018e+04	7622.39	1876.32	-6.076e+04	-4.079e+05	-1.406e+06
		-1.406e+06	-4.079e+05	-0.20	0.0	205.0	-1.929e+04	7622.39	1876.32	-6.076e+04	-2.291e+04	1.569e+05
						410.0	-1.839e+04	7622.39	1876.32	-6.076e+04	3.621e+05	1.719e+06
352	38	1.692e+06	1.456e+05	-0.98	0.0	0.0	-2.048e+04	7477.96	-599.20	9913.07	1.456e+05	-1.374e+06
		-1.374e+06	-1.005e+05	0.04	0.0	205.0	-1.958e+04	7477.96	-599.20	9913.07	2.253e+04	1.586e+05

						410.0	-1.869e+04	7477.96	-599.20	9913.07	-1.005e+05	1.692e+06
352	39	9.711e+05	4.513e+04	1.00	0.0	0.0	-1.436e+04	-3453.14	223.48	-8580.77	-4.698e+04	9.711e+05
		-4.446e+05	-4.698e+04	-0.04	0.0	205.0	-1.346e+04	-3453.14	223.48	-8580.77	-925.37	2.632e+05
						410.0	-1.256e+04	-3453.14	223.48	-8580.77	4.513e+04	-4.446e+05
352	53	9.947e+05	7.908e+05	-0.27	0.0	0.0	-1.780e+04	3914.45	4185.94	-1.249e+05	-9.273e+05	-6.104e+05
		-6.104e+05	-9.273e+05	-0.42	0.0	205.0	-1.691e+04	3914.45	4185.94	-1.249e+05	-6.823e+04	1.921e+05
						410.0	-1.601e+04	3914.45	4185.94	-1.249e+05	7.908e+05	9.947e+05
352	56	2.522e+05	1.026e+06	0.27	0.0	0.0	-1.703e+04	110.37	-4561.65	1.263e+05	1.026e+06	2.071e+05
		2.071e+05	-8.462e+05	0.42	0.0	205.0	-1.614e+04	110.37	-4561.65	1.263e+05	8.984e+04	2.296e+05
						410.0	-1.524e+04	110.37	-4561.65	1.263e+05	-8.462e+05	2.522e+05
352	69	6.044e+05	4.840e+04	-0.07	0.0	0.0	-1.669e+04	1952.55	-184.82	661.84	4.840e+04	-1.961e+05
		-1.961e+05	-2.738e+04	-2.40e-03	0.0	205.0	-1.579e+04	1952.55	-184.82	661.84	1.051e+04	2.041e+05
						410.0	-1.490e+04	1952.55	-184.82	661.84	-2.738e+04	6.044e+05
352	70	6.678e+05	5.145e+04	-0.08	0.0	0.0	-1.912e+04	2152.08	-194.96	676.20	5.145e+04	-2.146e+05
		-2.146e+05	-2.848e+04	-2.53e-03	0.0	205.0	-1.822e+04	2152.08	-194.96	676.20	1.149e+04	2.266e+05
						410.0	-1.732e+04	2152.08	-194.96	676.20	-2.848e+04	6.678e+05
352	71	6.044e+05	4.840e+04	-0.07	0.0	0.0	-1.669e+04	1952.55	-184.82	661.84	4.840e+04	-1.961e+05
		-1.961e+05	-2.738e+04	-2.40e-03	0.0	205.0	-1.579e+04	1952.55	-184.82	661.84	1.051e+04	2.041e+05
						410.0	-1.490e+04	1952.55	-184.82	661.84	-2.738e+04	6.044e+05
352	72	6.361e+05	4.993e+04	-0.08	0.0	0.0	-1.790e+04	2052.32	-189.89	669.02	4.993e+04	-2.053e+05
		-2.053e+05	-2.793e+04	-2.46e-03	0.0	205.0	-1.701e+04	2052.32	-189.89	669.02	1.100e+04	2.154e+05
						410.0	-1.611e+04	2052.32	-189.89	669.02	-2.793e+04	6.361e+05
352	73	6.044e+05	4.840e+04	-0.07	0.0	0.0	-1.669e+04	1952.55	-184.82	661.84	4.840e+04	-1.961e+05
		-1.961e+05	-2.738e+04	-2.40e-03	0.0	205.0	-1.579e+04	1952.55	-184.82	661.84	1.051e+04	2.041e+05
						410.0	-1.490e+04	1952.55	-184.82	661.84	-2.738e+04	6.044e+05
352	74	6.234e+05	4.931e+04	-0.08	0.0	0.0	-1.742e+04	2012.41	-187.86	666.15	4.931e+04	-2.017e+05
		-2.017e+05	-2.771e+04	-2.44e-03	0.0	205.0	-1.652e+04	2012.41	-187.86	666.15	1.080e+04	2.109e+05
						410.0	-1.562e+04	2012.41	-187.86	666.15	-2.771e+04	6.234e+05

Pilas.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T
	-2.715e+06	-2.761e+06	-3.76	0.0	-4.574e+04	-1.260e+04	-4.162e+04	-4.291e+05
	2.708e+06	2.869e+06	3.78	0.0	131.65	1.231e+04	4.164e+04	4.306e+05

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
1	2	1.820e+05	0.0	0.0	-4257.85	0.0	217.29	2128.93	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	171.0	217.29	1.59e-05	0.0	0.0	0.0	1.820e+05
						341.9	217.29	-2128.93	0.0	0.0	0.0	0.0
1	3	1.239e+05	0.0	0.0	-2899.15	0.0	29.19	1449.57	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	171.0	29.19	1.86e-05	0.0	0.0	0.0	1.239e+05
						341.9	29.19	-1449.57	0.0	0.0	0.0	0.0
1	18	1.281e+05	0.0	0.0	-2996.94	0.0	2296.22	1498.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	171.0	2296.22	1.70e-05	0.0	0.0	0.0	1.281e+05
						341.9	2296.22	-1498.47	0.0	0.0	0.0	0.0
1	19	1.281e+05	0.0	0.0	-2996.94	0.0	-2166.11	1498.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	171.0	-2166.11	1.70e-05	0.0	0.0	0.0	1.281e+05
						341.9	-2166.11	-1498.47	0.0	0.0	0.0	0.0
1	50	1.281e+05	0.0	0.0	-2996.94	0.0	1332.06	1498.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	171.0	1332.06	1.70e-05	0.0	0.0	0.0	1.281e+05
						341.9	1332.06	-1498.47	0.0	0.0	0.0	0.0
1	51	1.281e+05	0.0	0.0	-2996.94	0.0	-1201.95	1498.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	171.0	-1201.95	1.70e-05	0.0	0.0	0.0	1.281e+05
						341.9	-1201.95	-1498.47	0.0	0.0	0.0	0.0
1	69	1.239e+05	0.0	0.0	-2899.15	0.0	29.19	1449.57	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	171.0	29.19	1.86e-05	0.0	0.0	0.0	1.239e+05
						341.9	29.19	-1449.57	0.0	0.0	0.0	0.0
1	70	1.378e+05	0.0	0.0	-3225.12	0.0	148.75	1612.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	171.0	148.75	1.31e-05	0.0	0.0	0.0	1.378e+05
						341.9	148.75	-1612.56	0.0	0.0	0.0	0.0
1	71	1.239e+05	0.0	0.0	-2899.15	0.0	29.19	1449.57	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	171.0	29.19	1.86e-05	0.0	0.0	0.0	1.239e+05
						341.9	29.19	-1449.57	0.0	0.0	0.0	0.0
1	72	1.309e+05	0.0	0.0	-3062.14	0.0	88.97	1531.07	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	171.0	88.97	1.59e-05	0.0	0.0	0.0	1.309e+05
						341.9	88.97	-1531.07	0.0	0.0	0.0	0.0
1	73	1.239e+05	0.0	0.0	-2899.15	0.0	29.19	1449.57	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	171.0	29.19	1.86e-05	0.0	0.0	0.0	1.239e+05
						341.9	29.19	-1449.57	0.0	0.0	0.0	0.0
1	74	1.281e+05	0.0	0.0	-2996.94	0.0	65.06	1498.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	171.0	65.06	1.70e-05	0.0	0.0	0.0	1.281e+05
						341.9	65.06	-1498.47	0.0	0.0	0.0	0.0
2	2	5.548e+05	0.0	0.0	-7202.32	0.0	625.38	3726.56	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	301.0	625.38	-40.55	0.0	0.0	0.0	5.548e+05
						602.1	625.38	-3475.76	0.0	0.0	0.0	0.0
2	3	3.781e+05	0.0	0.0	-4913.75	0.0	330.03	2538.13	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	301.0	330.03	-26.28	0.0	0.0	0.0	3.781e+05
						602.1	330.03	-2375.61	0.0	0.0	0.0	0.0

2	13	3.908e+05	0.0	0.0	-5076.64	0.0	5538.15	2623.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	301.0	5538.15	-27.56	0.0	0.0	0.0	3.908e+05
						602.1	5538.15	-2453.11	0.0	0.0	0.0	0.0
2	16	3.908e+05	0.0	0.0	-5076.64	0.0	-4799.55	2623.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	301.0	-4799.55	-27.56	0.0	0.0	0.0	3.908e+05
						602.1	-4799.55	-2453.11	0.0	0.0	0.0	0.0
2	45	3.908e+05	0.0	0.0	-5076.64	0.0	3314.11	2623.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	301.0	3314.11	-27.56	0.0	0.0	0.0	3.908e+05
						602.1	3314.11	-2453.11	0.0	0.0	0.0	0.0
2	48	3.908e+05	0.0	0.0	-5076.64	0.0	-2575.52	2623.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	301.0	-2575.52	-27.56	0.0	0.0	0.0	3.908e+05
						602.1	-2575.52	-2453.11	0.0	0.0	0.0	0.0
2	69	3.781e+05	0.0	0.0	-4913.75	0.0	330.03	2538.13	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	301.0	330.03	-26.28	0.0	0.0	0.0	3.781e+05
						602.1	330.03	-2375.61	0.0	0.0	0.0	0.0
2	70	4.203e+05	0.0	0.0	-5456.71	0.0	460.92	2822.79	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	301.0	460.92	-30.54	0.0	0.0	0.0	4.203e+05
						602.1	460.92	-2633.92	0.0	0.0	0.0	0.0
2	71	3.781e+05	0.0	0.0	-4913.75	0.0	330.03	2538.13	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	301.0	330.03	-26.28	0.0	0.0	0.0	3.781e+05
						602.1	330.03	-2375.61	0.0	0.0	0.0	0.0
2	72	3.992e+05	0.0	0.0	-5185.23	0.0	395.48	2680.46	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	301.0	395.48	-28.41	0.0	0.0	0.0	3.992e+05
						602.1	395.48	-2504.77	0.0	0.0	0.0	0.0
2	73	3.781e+05	0.0	0.0	-4913.75	0.0	330.03	2538.13	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	301.0	330.03	-26.28	0.0	0.0	0.0	3.781e+05
						602.1	330.03	-2375.61	0.0	0.0	0.0	0.0
2	74	3.908e+05	0.0	0.0	-5076.64	0.0	369.30	2623.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	301.0	369.30	-27.56	0.0	0.0	0.0	3.908e+05
						602.1	369.30	-2453.11	0.0	0.0	0.0	0.0
3	2	2.857e+05	0.0	0.0	-4804.42	0.0	455.56	2402.21	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	455.56	-2.37e-05	0.0	0.0	0.0	2.857e+05
						475.8	455.56	-2402.21	0.0	0.0	0.0	0.0
3	3	1.967e+05	0.0	0.0	-3308.18	0.0	203.25	1654.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	203.25	-9.51e-06	0.0	0.0	0.0	1.967e+05
						475.8	203.25	-1654.09	0.0	0.0	0.0	0.0
3	13	2.027e+05	0.0	0.0	-3408.94	0.0	4999.66	1704.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	4999.66	-1.18e-05	0.0	0.0	0.0	2.027e+05
						475.8	4999.66	-1704.47	0.0	0.0	0.0	0.0
3	16	2.027e+05	0.0	0.0	-3408.94	0.0	-4516.62	1704.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	-4516.62	-1.18e-05	0.0	0.0	0.0	2.027e+05
						475.8	-4516.62	-1704.47	0.0	0.0	0.0	0.0
3	45	2.027e+05	0.0	0.0	-3408.94	0.0	2962.00	1704.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	2962.00	-1.18e-05	0.0	0.0	0.0	2.027e+05
						475.8	2962.00	-1704.47	0.0	0.0	0.0	0.0
3	48	2.027e+05	0.0	0.0	-3408.94	0.0	-2478.96	1704.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	-2478.96	-1.18e-05	0.0	0.0	0.0	2.027e+05
						475.8	-2478.96	-1704.47	0.0	0.0	0.0	0.0
3	69	1.967e+05	0.0	0.0	-3308.18	0.0	203.25	1654.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	203.25	-9.51e-06	0.0	0.0	0.0	1.967e+05
						475.8	203.25	-1654.09	0.0	0.0	0.0	0.0
3	70	2.167e+05	0.0	0.0	-3644.04	0.0	330.80	1822.02	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	330.80	-1.70e-05	0.0	0.0	0.0	2.167e+05
						475.8	330.80	-1822.02	0.0	0.0	0.0	0.0
3	71	1.967e+05	0.0	0.0	-3308.18	0.0	203.25	1654.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	203.25	-9.51e-06	0.0	0.0	0.0	1.967e+05
						475.8	203.25	-1654.09	0.0	0.0	0.0	0.0
3	72	2.067e+05	0.0	0.0	-3476.11	0.0	267.03	1738.05	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	267.03	-1.33e-05	0.0	0.0	0.0	2.067e+05
						475.8	267.03	-1738.05	0.0	0.0	0.0	0.0
3	73	1.967e+05	0.0	0.0	-3308.18	0.0	203.25	1654.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	203.25	-9.51e-06	0.0	0.0	0.0	1.967e+05
						475.8	203.25	-1654.09	0.0	0.0	0.0	0.0
3	74	2.027e+05	0.0	0.0	-3408.94	0.0	241.52	1704.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	241.52	-1.18e-05	0.0	0.0	0.0	2.027e+05
						475.8	241.52	-1704.47	0.0	0.0	0.0	0.0
4	2	3.337e+05	0.0	0.0	-5192.33	0.0	352.38	2596.16	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	352.38	-1.26e-06	0.0	0.0	0.0	3.337e+05
						514.2	352.38	-2596.16	0.0	0.0	0.0	0.0
4	3	2.298e+05	0.0	0.0	-3575.28	0.0	124.21	1787.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	124.21	2.83e-06	0.0	0.0	0.0	2.298e+05
						514.2	124.21	-1787.64	0.0	0.0	0.0	0.0
4	10	2.368e+05	0.0	0.0	-3684.17	0.0	2827.24	1842.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	2827.24	1.84e-06	0.0	0.0	0.0	2.368e+05
						514.2	2827.24	-1842.09	0.0	0.0	0.0	0.0
4	11	2.368e+05	0.0	0.0	-3684.17	0.0	-2502.45	1842.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	-2502.45	1.84e-06	0.0	0.0	0.0	2.368e+05

					514.2	-2502.45	-1842.09	0.0	0.0	0.0	0.0
4	42	2.368e+05	0.0	0.0	-3684.17	0.0	1697.60	1842.09	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	1697.60	1.84e-06	0.0	0.0	0.0
						514.2	1697.60	-1842.09	0.0	0.0	0.0
4	43	2.368e+05	0.0	0.0	-3684.17	0.0	-1372.81	1842.09	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	-1372.81	1.84e-06	0.0	0.0	0.0
						514.2	-1372.81	-1842.09	0.0	0.0	0.0
4	69	2.298e+05	0.0	0.0	-3575.28	0.0	124.21	1787.64	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	124.21	2.83e-06	0.0	0.0	0.0
						514.2	124.21	-1787.64	0.0	0.0	0.0
4	70	2.531e+05	0.0	0.0	-3938.26	0.0	251.48	1969.13	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	251.48	0.0	0.0	0.0	0.0
						514.2	251.48	-1969.13	0.0	0.0	0.0
4	71	2.298e+05	0.0	0.0	-3575.28	0.0	124.21	1787.64	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	124.21	2.83e-06	0.0	0.0	0.0
						514.2	124.21	-1787.64	0.0	0.0	0.0
4	72	2.415e+05	0.0	0.0	-3756.77	0.0	187.85	1878.38	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	187.85	1.18e-06	0.0	0.0	0.0
						514.2	187.85	-1878.38	0.0	0.0	0.0
4	73	2.298e+05	0.0	0.0	-3575.28	0.0	124.21	1787.64	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	124.21	2.83e-06	0.0	0.0	0.0
						514.2	124.21	-1787.64	0.0	0.0	0.0
4	74	2.368e+05	0.0	0.0	-3684.17	0.0	162.39	1842.09	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	162.39	1.84e-06	0.0	0.0	0.0
						514.2	162.39	-1842.09	0.0	0.0	0.0
5	2	3.291e+05	0.0	0.0	-5120.39	0.0	296.60	2560.20	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	296.60	-2.63e-05	0.0	0.0	0.0
						514.2	296.60	-2560.20	0.0	0.0	0.0
5	3	2.268e+05	0.0	0.0	-3528.67	0.0	81.97	1764.33	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	81.97	-2.06e-05	0.0	0.0	0.0
						514.2	81.97	-1764.33	0.0	0.0	0.0
5	29	2.337e+05	0.0	0.0	-3635.29	0.0	947.21	1817.65	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	947.21	-2.05e-05	0.0	0.0	0.0
						514.2	947.21	-1817.65	0.0	0.0	0.0
5	32	2.337e+05	0.0	0.0	-3635.29	0.0	-707.26	1817.65	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	-707.26	-2.05e-05	0.0	0.0	0.0
						514.2	-707.26	-1817.65	0.0	0.0	0.0
5	61	2.337e+05	0.0	0.0	-3635.29	0.0	596.47	1817.65	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	596.47	-2.05e-05	0.0	0.0	0.0
						514.2	596.47	-1817.65	0.0	0.0	0.0
5	64	2.337e+05	0.0	0.0	-3635.29	0.0	-356.52	1817.65	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	-356.52	-2.05e-05	0.0	0.0	0.0
						514.2	-356.52	-1817.65	0.0	0.0	0.0
5	69	2.268e+05	0.0	0.0	-3528.67	0.0	81.97	1764.33	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	81.97	-2.06e-05	0.0	0.0	0.0
						514.2	81.97	-1764.33	0.0	0.0	0.0
5	70	2.497e+05	0.0	0.0	-3884.08	0.0	208.66	1942.04	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	208.66	-2.03e-05	0.0	0.0	0.0
						514.2	208.66	-1942.04	0.0	0.0	0.0
5	71	2.268e+05	0.0	0.0	-3528.67	0.0	81.97	1764.33	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	81.97	-2.06e-05	0.0	0.0	0.0
						514.2	81.97	-1764.33	0.0	0.0	0.0
5	72	2.382e+05	0.0	0.0	-3706.38	0.0	145.31	1853.19	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	145.31	-2.04e-05	0.0	0.0	0.0
						514.2	145.31	-1853.19	0.0	0.0	0.0
5	73	2.268e+05	0.0	0.0	-3528.67	0.0	81.97	1764.33	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	81.97	-2.06e-05	0.0	0.0	0.0
						514.2	81.97	-1764.33	0.0	0.0	0.0
5	74	2.337e+05	0.0	0.0	-3635.29	0.0	119.97	1817.65	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	119.97	-2.05e-05	0.0	0.0	0.0
						514.2	119.97	-1817.65	0.0	0.0	0.0
6	1	2.524e+05	0.0	0.0	-4244.56	0.0	-58.86	2122.28	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	-58.86	2.35e-05	0.0	0.0	0.0
						475.8	-58.86	-2122.28	0.0	0.0	0.0
6	4	2.235e+05	0.0	0.0	-3758.34	0.0	133.79	1879.17	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	133.79	9.82e-06	0.0	0.0	0.0
						475.8	133.79	-1879.17	0.0	0.0	0.0
6	30	2.001e+05	0.0	0.0	-3363.71	0.0	2554.85	1681.85	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	2554.85	1.65e-05	0.0	0.0	0.0
						475.8	2554.85	-1681.85	0.0	0.0	0.0
6	31	2.001e+05	0.0	0.0	-3363.71	0.0	-2573.79	1681.85	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	-2573.79	1.65e-05	0.0	0.0	0.0
						475.8	-2573.79	-1681.85	0.0	0.0	0.0
6	62	2.001e+05	0.0	0.0	-3363.71	0.0	1358.91	1681.85	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	1358.91	1.65e-05	0.0	0.0	0.0
						475.8	1358.91	-1681.85	0.0	0.0	0.0
6	63	2.001e+05	0.0	0.0	-3363.71	0.0	-1377.84	1681.85	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	237.9	-1377.84	1.65e-05	0.0	0.0	0.0	2.001e+05
						475.8	-1377.84	-1681.85	0.0	0.0	0.0	0.0
6	69	1.942e+05	0.0	0.0	-3265.05	0.0	-45.28	1632.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	-45.28	1.81e-05	0.0	0.0	0.0	1.942e+05
						475.8	-45.28	-1632.52	0.0	0.0	0.0	0.0
6	70	2.137e+05	0.0	0.0	-3593.91	0.0	74.10	1796.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	74.10	1.26e-05	0.0	0.0	0.0	2.137e+05
						475.8	74.10	-1796.96	0.0	0.0	0.0	0.0
6	71	1.942e+05	0.0	0.0	-3265.05	0.0	-45.28	1632.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	-45.28	1.81e-05	0.0	0.0	0.0	1.942e+05
						475.8	-45.28	-1632.52	0.0	0.0	0.0	0.0
6	72	2.040e+05	0.0	0.0	-3429.48	0.0	14.41	1714.74	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	14.41	1.53e-05	0.0	0.0	0.0	2.040e+05
						475.8	14.41	-1714.74	0.0	0.0	0.0	0.0
6	73	1.942e+05	0.0	0.0	-3265.05	0.0	-45.28	1632.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	-45.28	1.81e-05	0.0	0.0	0.0	1.942e+05
						475.8	-45.28	-1632.52	0.0	0.0	0.0	0.0
6	74	2.001e+05	0.0	0.0	-3363.71	0.0	-9.47	1681.85	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	-9.47	1.65e-05	0.0	0.0	0.0	2.001e+05
						475.8	-9.47	-1681.85	0.0	0.0	0.0	0.0
7	1	1.599e+05	0.0	0.0	-3364.37	0.0	-211.70	1686.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-211.70	-2.30	0.0	0.0	0.0	1.599e+05
						380.2	-211.70	-1677.59	0.0	0.0	0.0	0.0
7	4	1.415e+05	0.0	0.0	-2977.02	0.0	6.87	1492.90	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	6.87	-2.20	0.0	0.0	0.0	1.415e+05
						380.2	6.87	-1484.12	0.0	0.0	0.0	0.0
7	30	1.267e+05	0.0	0.0	-2665.78	0.0	4236.67	1336.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	4236.67	-1.85	0.0	0.0	0.0	1.267e+05
						380.2	4236.67	-1329.19	0.0	0.0	0.0	0.0
7	31	1.267e+05	0.0	0.0	-2665.78	0.0	-4494.47	1336.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-4494.47	-1.85	0.0	0.0	0.0	1.267e+05
						380.2	-4494.47	-1329.19	0.0	0.0	0.0	0.0
7	62	1.267e+05	0.0	0.0	-2665.78	0.0	2188.84	1336.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	2188.84	-1.85	0.0	0.0	0.0	1.267e+05
						380.2	2188.84	-1329.19	0.0	0.0	0.0	0.0
7	63	1.267e+05	0.0	0.0	-2665.78	0.0	-2446.65	1336.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-2446.65	-1.85	0.0	0.0	0.0	1.267e+05
						380.2	-2446.65	-1329.19	0.0	0.0	0.0	0.0
7	69	1.230e+05	0.0	0.0	-2587.97	0.0	-162.84	1297.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-162.84	-1.77	0.0	0.0	0.0	1.230e+05
						380.2	-162.84	-1290.46	0.0	0.0	0.0	0.0
7	70	1.353e+05	0.0	0.0	-2847.34	0.0	-49.70	1427.78	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-49.70	-2.05	0.0	0.0	0.0	1.353e+05
						380.2	-49.70	-1419.57	0.0	0.0	0.0	0.0
7	71	1.230e+05	0.0	0.0	-2587.97	0.0	-162.84	1297.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-162.84	-1.77	0.0	0.0	0.0	1.230e+05
						380.2	-162.84	-1290.46	0.0	0.0	0.0	0.0
7	72	1.292e+05	0.0	0.0	-2717.66	0.0	-106.27	1362.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-106.27	-1.91	0.0	0.0	0.0	1.292e+05
						380.2	-106.27	-1355.01	0.0	0.0	0.0	0.0
7	73	1.230e+05	0.0	0.0	-2587.97	0.0	-162.84	1297.52	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-162.84	-1.77	0.0	0.0	0.0	1.230e+05
						380.2	-162.84	-1290.46	0.0	0.0	0.0	0.0
7	74	1.267e+05	0.0	0.0	-2665.78	0.0	-128.90	1336.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-128.90	-1.85	0.0	0.0	0.0	1.267e+05
						380.2	-128.90	-1329.19	0.0	0.0	0.0	0.0
8	2	3.682e+05	0.0	0.0	-5124.77	0.0	394.72	2426.30	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	394.72	51.45	0.0	0.0	0.0	3.682e+05
						558.6	394.72	-2698.46	0.0	0.0	0.0	0.0
8	3	2.546e+05	0.0	0.0	-3549.69	0.0	152.92	1686.67	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	152.92	33.34	0.0	0.0	0.0	2.546e+05
						558.6	152.92	-1863.02	0.0	0.0	0.0	0.0
8	17	2.620e+05	0.0	0.0	-3651.73	0.0	-1031.52	1733.40	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	-1031.52	34.96	0.0	0.0	0.0	2.620e+05
						558.6	-1031.52	-1918.33	0.0	0.0	0.0	0.0
8	20	2.620e+05	0.0	0.0	-3651.73	0.0	1415.73	1733.40	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	1415.73	34.96	0.0	0.0	0.0	2.620e+05
						558.6	1415.73	-1918.33	0.0	0.0	0.0	0.0
8	49	2.620e+05	0.0	0.0	-3651.73	0.0	-512.85	1733.40	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	-512.85	34.96	0.0	0.0	0.0	2.620e+05
						558.6	-512.85	-1918.33	0.0	0.0	0.0	0.0
8	52	2.620e+05	0.0	0.0	-3651.73	0.0	897.06	1733.40	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	897.06	34.96	0.0	0.0	0.0	2.620e+05
						558.6	897.06	-1918.33	0.0	0.0	0.0	0.0
8	69	2.546e+05	0.0	0.0	-3549.69	0.0	152.92	1686.67	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	152.92	33.34	0.0	0.0	0.0	2.546e+05
						558.6	152.92	-1863.02	0.0	0.0	0.0	0.0

8	70	2.794e+05	0.0	0.0	-3889.80	0.0	283.54	1842.42	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	283.54	38.75	0.0	0.0	0.0	2.794e+05
						558.6	283.54	-2047.38	0.0	0.0	0.0	0.0
8	71	2.546e+05	0.0	0.0	-3549.69	0.0	152.92	1686.67	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	152.92	33.34	0.0	0.0	0.0	2.546e+05
						558.6	152.92	-1863.02	0.0	0.0	0.0	0.0
8	72	2.670e+05	0.0	0.0	-3719.75	0.0	218.23	1764.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	218.23	36.04	0.0	0.0	0.0	2.670e+05
						558.6	218.23	-1955.20	0.0	0.0	0.0	0.0
8	73	2.546e+05	0.0	0.0	-3549.69	0.0	152.92	1686.67	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	152.92	33.34	0.0	0.0	0.0	2.546e+05
						558.6	152.92	-1863.02	0.0	0.0	0.0	0.0
8	74	2.620e+05	0.0	0.0	-3651.73	0.0	192.11	1733.40	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	192.11	34.96	0.0	0.0	0.0	2.620e+05
						558.6	192.11	-1918.33	0.0	0.0	0.0	0.0
9	2	3.884e+05	0.0	0.0	-5562.40	0.0	359.39	2781.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	359.39	-5.27e-05	0.0	0.0	0.0	3.884e+05
						558.6	359.39	-2781.20	0.0	0.0	0.0	0.0
9	3	2.677e+05	0.0	0.0	-3833.27	0.0	128.03	1916.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	128.03	-4.91e-05	0.0	0.0	0.0	2.677e+05
						558.6	128.03	-1916.64	0.0	0.0	0.0	0.0
9	26	2.757e+05	0.0	0.0	-3949.10	0.0	1067.37	1974.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	1067.37	-4.68e-05	0.0	0.0	0.0	2.757e+05
						558.6	1067.37	-1974.55	0.0	0.0	0.0	0.0
9	27	2.757e+05	0.0	0.0	-3949.10	0.0	-734.13	1974.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	-734.13	-4.68e-05	0.0	0.0	0.0	2.757e+05
						558.6	-734.13	-1974.55	0.0	0.0	0.0	0.0
9	58	2.757e+05	0.0	0.0	-3949.10	0.0	683.87	1974.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	683.87	-4.68e-05	0.0	0.0	0.0	2.757e+05
						558.6	683.87	-1974.55	0.0	0.0	0.0	0.0
9	59	2.757e+05	0.0	0.0	-3949.10	0.0	-350.62	1974.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	-350.62	-4.68e-05	0.0	0.0	0.0	2.757e+05
						558.6	-350.62	-1974.55	0.0	0.0	0.0	0.0
9	69	2.677e+05	0.0	0.0	-3833.27	0.0	128.03	1916.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	128.03	-4.91e-05	0.0	0.0	0.0	2.677e+05
						558.6	128.03	-1916.64	0.0	0.0	0.0	0.0
9	70	2.946e+05	0.0	0.0	-4219.37	0.0	256.67	2109.69	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	256.67	-4.17e-05	0.0	0.0	0.0	2.946e+05
						558.6	256.67	-2109.69	0.0	0.0	0.0	0.0
9	71	2.677e+05	0.0	0.0	-3833.27	0.0	128.03	1916.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	128.03	-4.91e-05	0.0	0.0	0.0	2.677e+05
						558.6	128.03	-1916.64	0.0	0.0	0.0	0.0
9	72	2.811e+05	0.0	0.0	-4026.32	0.0	192.35	2013.16	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	192.35	-4.54e-05	0.0	0.0	0.0	2.811e+05
						558.6	192.35	-2013.16	0.0	0.0	0.0	0.0
9	73	2.677e+05	0.0	0.0	-3833.27	0.0	128.03	1916.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	128.03	-4.91e-05	0.0	0.0	0.0	2.677e+05
						558.6	128.03	-1916.64	0.0	0.0	0.0	0.0
9	74	2.757e+05	0.0	0.0	-3949.10	0.0	166.62	1974.55	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	166.62	-4.68e-05	0.0	0.0	0.0	2.757e+05
						558.6	166.62	-1974.55	0.0	0.0	0.0	0.0
10	2	1.799e+05	0.0	0.0	-3786.12	0.0	355.76	1893.06	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	355.76	-2.31e-05	0.0	0.0	0.0	1.799e+05
						380.2	355.76	-1893.06	0.0	0.0	0.0	0.0
10	3	1.240e+05	0.0	0.0	-2609.17	0.0	123.25	1304.58	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	123.25	-9.86e-06	0.0	0.0	0.0	1.240e+05
						380.2	123.25	-1304.58	0.0	0.0	0.0	0.0
10	13	1.278e+05	0.0	0.0	-2688.01	0.0	1353.98	1344.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	1353.98	-1.19e-05	0.0	0.0	0.0	1.278e+05
						380.2	1353.98	-1344.00	0.0	0.0	0.0	0.0
10	16	1.278e+05	0.0	0.0	-2688.01	0.0	-1029.26	1344.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-1029.26	-1.19e-05	0.0	0.0	0.0	1.278e+05
						380.2	-1029.26	-1344.00	0.0	0.0	0.0	0.0
10	45	1.278e+05	0.0	0.0	-2688.01	0.0	843.88	1344.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	843.88	-1.19e-05	0.0	0.0	0.0	1.278e+05
						380.2	843.88	-1344.00	0.0	0.0	0.0	0.0
10	48	1.278e+05	0.0	0.0	-2688.01	0.0	-519.16	1344.00	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-519.16	-1.19e-05	0.0	0.0	0.0	1.278e+05
						380.2	-519.16	-1344.00	0.0	0.0	0.0	0.0
10	69	1.240e+05	0.0	0.0	-2609.17	0.0	123.25	1304.58	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	123.25	-9.86e-06	0.0	0.0	0.0	1.240e+05
						380.2	123.25	-1304.58	0.0	0.0	0.0	0.0
10	70	1.365e+05	0.0	0.0	-2871.97	0.0	253.61	1435.98	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	253.61	-1.67e-05	0.0	0.0	0.0	1.365e+05
						380.2	253.61	-1435.98	0.0	0.0	0.0	0.0
10	71	1.240e+05	0.0	0.0	-2609.17	0.0	123.25	1304.58	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	123.25	-9.86e-06	0.0	0.0	0.0	1.240e+05

					380.2	123.25	-1304.58	0.0	0.0	0.0	0.0
10	72	1.302e+05	0.0	0.0	-2740.57	0.0	188.43	1370.28	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	188.43	-1.33e-05	0.0	0.0	0.0
						380.2	188.43	-1370.28	0.0	0.0	0.0
10	73	1.240e+05	0.0	0.0	-2609.17	0.0	123.25	1304.58	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	123.25	-9.86e-06	0.0	0.0	0.0
						380.2	123.25	-1304.58	0.0	0.0	0.0
10	74	1.278e+05	0.0	0.0	-2688.01	0.0	162.36	1344.00	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	162.36	-1.19e-05	0.0	0.0	0.0
						380.2	162.36	-1344.00	0.0	0.0	0.0
11	2	2.818e+05	0.0	0.0	-4737.86	0.0	339.86	2368.93	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	339.86	1.52e-05	0.0	0.0	0.0
						475.8	339.86	-2368.93	0.0	0.0	0.0
11	3	1.942e+05	0.0	0.0	-3265.05	0.0	112.18	1632.52	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	112.18	1.81e-05	0.0	0.0	0.0
						475.8	112.18	-1632.52	0.0	0.0	0.0
11	13	2.001e+05	0.0	0.0	-3363.71	0.0	1453.61	1681.85	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	1453.61	1.65e-05	0.0	0.0	0.0
						475.8	1453.61	-1681.85	0.0	0.0	0.0
11	16	2.001e+05	0.0	0.0	-3363.71	0.0	-1151.64	1681.85	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	-1151.64	1.65e-05	0.0	0.0	0.0
						475.8	-1151.64	-1681.85	0.0	0.0	0.0
11	45	2.001e+05	0.0	0.0	-3363.71	0.0	901.70	1681.85	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	901.70	1.65e-05	0.0	0.0	0.0
						475.8	901.70	-1681.85	0.0	0.0	0.0
11	48	2.001e+05	0.0	0.0	-3363.71	0.0	-599.73	1681.85	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	-599.73	1.65e-05	0.0	0.0	0.0
						475.8	-599.73	-1681.85	0.0	0.0	0.0
11	69	1.942e+05	0.0	0.0	-3265.05	0.0	112.18	1632.52	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	112.18	1.81e-05	0.0	0.0	0.0
						475.8	112.18	-1632.52	0.0	0.0	0.0
11	70	2.137e+05	0.0	0.0	-3593.91	0.0	241.53	1796.96	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	241.53	1.26e-05	0.0	0.0	0.0
						475.8	241.53	-1796.96	0.0	0.0	0.0
11	71	1.942e+05	0.0	0.0	-3265.05	0.0	112.18	1632.52	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	112.18	1.81e-05	0.0	0.0	0.0
						475.8	112.18	-1632.52	0.0	0.0	0.0
11	72	2.040e+05	0.0	0.0	-3429.48	0.0	176.85	1714.74	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	176.85	1.53e-05	0.0	0.0	0.0
						475.8	176.85	-1714.74	0.0	0.0	0.0
11	73	1.942e+05	0.0	0.0	-3265.05	0.0	112.18	1632.52	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	112.18	1.81e-05	0.0	0.0	0.0
						475.8	112.18	-1632.52	0.0	0.0	0.0
11	74	2.001e+05	0.0	0.0	-3363.71	0.0	150.98	1681.85	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	150.98	1.65e-05	0.0	0.0	0.0
						475.8	150.98	-1681.85	0.0	0.0	0.0
12	2	3.291e+05	0.0	0.0	-5120.39	0.0	342.89	2560.20	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	342.89	-2.63e-05	0.0	0.0	0.0
						514.2	342.89	-2560.20	0.0	0.0	0.0
12	3	2.268e+05	0.0	0.0	-3528.67	0.0	115.04	1764.33	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	115.04	-2.06e-05	0.0	0.0	0.0
						514.2	115.04	-1764.33	0.0	0.0	0.0
12	21	2.337e+05	0.0	0.0	-3635.29	0.0	1132.24	1817.65	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	1132.24	-2.05e-05	0.0	0.0	0.0
						514.2	1132.24	-1817.65	0.0	0.0	0.0
12	24	2.337e+05	0.0	0.0	-3635.29	0.0	-824.83	1817.65	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	-824.83	-2.05e-05	0.0	0.0	0.0
						514.2	-824.83	-1817.65	0.0	0.0	0.0
12	53	2.337e+05	0.0	0.0	-3635.29	0.0	699.79	1817.65	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	699.79	-2.05e-05	0.0	0.0	0.0
						514.2	699.79	-1817.65	0.0	0.0	0.0
12	56	2.337e+05	0.0	0.0	-3635.29	0.0	-392.37	1817.65	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	-392.37	-2.05e-05	0.0	0.0	0.0
						514.2	-392.37	-1817.65	0.0	0.0	0.0
12	69	2.268e+05	0.0	0.0	-3528.67	0.0	115.04	1764.33	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	115.04	-2.06e-05	0.0	0.0	0.0
						514.2	115.04	-1764.33	0.0	0.0	0.0
12	70	2.497e+05	0.0	0.0	-3884.08	0.0	243.93	1942.04	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	243.93	-2.03e-05	0.0	0.0	0.0
						514.2	243.93	-1942.04	0.0	0.0	0.0
12	71	2.268e+05	0.0	0.0	-3528.67	0.0	115.04	1764.33	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	115.04	-2.06e-05	0.0	0.0	0.0
						514.2	115.04	-1764.33	0.0	0.0	0.0
12	72	2.382e+05	0.0	0.0	-3706.38	0.0	179.49	1853.19	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	179.49	-2.04e-05	0.0	0.0	0.0
						514.2	179.49	-1853.19	0.0	0.0	0.0
12	73	2.268e+05	0.0	0.0	-3528.67	0.0	115.04	1764.33	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	257.1	115.04	-2.06e-05	0.0	0.0	0.0	2.268e+05
						514.2	115.04	-1764.33	0.0	0.0	0.0	0.0
12	74	2.337e+05	0.0	0.0	-3635.29	0.0	153.71	1817.65	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	153.71	-2.05e-05	0.0	0.0	0.0	2.337e+05
						514.2	153.71	-1817.65	0.0	0.0	0.0	0.0
13	2	3.337e+05	0.0	0.0	-5192.33	0.0	326.10	2596.16	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	326.10	-1.26e-06	0.0	0.0	0.0	3.337e+05
						514.2	326.10	-2596.16	0.0	0.0	0.0	0.0
13	3	2.298e+05	0.0	0.0	-3575.28	0.0	104.50	1787.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	104.50	2.83e-06	0.0	0.0	0.0	2.298e+05
						514.2	104.50	-1787.64	0.0	0.0	0.0	0.0
13	5	2.368e+05	0.0	0.0	-3684.17	0.0	-2720.96	1842.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	-2720.96	1.84e-06	0.0	0.0	0.0	2.368e+05
						514.2	-2720.96	-1842.09	0.0	0.0	0.0	0.0
13	8	2.368e+05	0.0	0.0	-3684.17	0.0	3006.05	1842.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	3006.05	1.84e-06	0.0	0.0	0.0	2.368e+05
						514.2	3006.05	-1842.09	0.0	0.0	0.0	0.0
13	37	2.368e+05	0.0	0.0	-3684.17	0.0	-1510.15	1842.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	-1510.15	1.84e-06	0.0	0.0	0.0	2.368e+05
						514.2	-1510.15	-1842.09	0.0	0.0	0.0	0.0
13	40	2.368e+05	0.0	0.0	-3684.17	0.0	1795.24	1842.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	1795.24	1.84e-06	0.0	0.0	0.0	2.368e+05
						514.2	1795.24	-1842.09	0.0	0.0	0.0	0.0
13	69	2.298e+05	0.0	0.0	-3575.28	0.0	104.50	1787.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	104.50	2.83e-06	0.0	0.0	0.0	2.298e+05
						514.2	104.50	-1787.64	0.0	0.0	0.0	0.0
13	70	2.531e+05	0.0	0.0	-3938.26	0.0	231.33	1969.13	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	231.33	0.0	0.0	0.0	0.0	2.531e+05
						514.2	231.33	-1969.13	0.0	0.0	0.0	0.0
13	71	2.298e+05	0.0	0.0	-3575.28	0.0	104.50	1787.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	104.50	2.83e-06	0.0	0.0	0.0	2.298e+05
						514.2	104.50	-1787.64	0.0	0.0	0.0	0.0
13	72	2.415e+05	0.0	0.0	-3756.77	0.0	167.91	1878.38	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	167.91	1.18e-06	0.0	0.0	0.0	2.415e+05
						514.2	167.91	-1878.38	0.0	0.0	0.0	0.0
13	73	2.298e+05	0.0	0.0	-3575.28	0.0	104.50	1787.64	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	104.50	2.83e-06	0.0	0.0	0.0	2.298e+05
						514.2	104.50	-1787.64	0.0	0.0	0.0	0.0
13	74	2.368e+05	0.0	0.0	-3684.17	0.0	142.55	1842.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	257.1	142.55	1.84e-06	0.0	0.0	0.0	2.368e+05
						514.2	142.55	-1842.09	0.0	0.0	0.0	0.0
14	2	2.857e+05	0.0	0.0	-4804.42	0.0	265.59	2402.21	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	265.59	-2.37e-05	0.0	0.0	0.0	2.857e+05
						475.8	265.59	-2402.21	0.0	0.0	0.0	0.0
14	3	1.967e+05	0.0	0.0	-3308.18	0.0	61.99	1654.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	61.99	-9.51e-06	0.0	0.0	0.0	1.967e+05
						475.8	61.99	-1654.09	0.0	0.0	0.0	0.0
14	9	2.027e+05	0.0	0.0	-3408.94	0.0	-5269.52	1704.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	-5269.52	-1.18e-05	0.0	0.0	0.0	2.027e+05
						475.8	-5269.52	-1704.47	0.0	0.0	0.0	0.0
14	12	2.027e+05	0.0	0.0	-3408.94	0.0	5467.50	1704.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	5467.50	-1.18e-05	0.0	0.0	0.0	2.027e+05
						475.8	5467.50	-1704.47	0.0	0.0	0.0	0.0
14	41	2.027e+05	0.0	0.0	-3408.94	0.0	-2996.27	1704.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	-2996.27	-1.18e-05	0.0	0.0	0.0	2.027e+05
						475.8	-2996.27	-1704.47	0.0	0.0	0.0	0.0
14	44	2.027e+05	0.0	0.0	-3408.94	0.0	3194.25	1704.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	3194.25	-1.18e-05	0.0	0.0	0.0	2.027e+05
						475.8	3194.25	-1704.47	0.0	0.0	0.0	0.0
14	69	1.967e+05	0.0	0.0	-3308.18	0.0	61.99	1654.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	61.99	-9.51e-06	0.0	0.0	0.0	1.967e+05
						475.8	61.99	-1654.09	0.0	0.0	0.0	0.0
14	70	2.167e+05	0.0	0.0	-3644.04	0.0	185.32	1822.02	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	185.32	-1.70e-05	0.0	0.0	0.0	2.167e+05
						475.8	185.32	-1822.02	0.0	0.0	0.0	0.0
14	71	1.967e+05	0.0	0.0	-3308.18	0.0	61.99	1654.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	61.99	-9.51e-06	0.0	0.0	0.0	1.967e+05
						475.8	61.99	-1654.09	0.0	0.0	0.0	0.0
14	72	2.067e+05	0.0	0.0	-3476.11	0.0	123.66	1738.05	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	123.66	-1.33e-05	0.0	0.0	0.0	2.067e+05
						475.8	123.66	-1738.05	0.0	0.0	0.0	0.0
14	73	1.967e+05	0.0	0.0	-3308.18	0.0	61.99	1654.09	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	61.99	-9.51e-06	0.0	0.0	0.0	1.967e+05
						475.8	61.99	-1654.09	0.0	0.0	0.0	0.0
14	74	2.027e+05	0.0	0.0	-3408.94	0.0	98.99	1704.47	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	237.9	98.99	-1.18e-05	0.0	0.0	0.0	2.027e+05
						475.8	98.99	-1704.47	0.0	0.0	0.0	0.0

15	2	1.825e+05	0.0	0.0	-3839.31	0.0	274.25	1919.66	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	274.25	-2.43e-05	0.0	0.0	0.0	1.825e+05
						380.2	274.25	-1919.66	0.0	0.0	0.0	0.0
15	3	1.256e+05	0.0	0.0	-2643.63	0.0	65.72	1321.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	65.72	-2.55e-05	0.0	0.0	0.0	1.256e+05
						380.2	65.72	-1321.82	0.0	0.0	0.0	0.0
15	18	1.295e+05	0.0	0.0	-2724.15	0.0	-3677.29	1362.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-3677.29	-2.37e-05	0.0	0.0	0.0	1.295e+05
						380.2	-3677.29	-1362.08	0.0	0.0	0.0	0.0
15	19	1.295e+05	0.0	0.0	-2724.15	0.0	3884.26	1362.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	3884.26	-2.37e-05	0.0	0.0	0.0	1.295e+05
						380.2	3884.26	-1362.08	0.0	0.0	0.0	0.0
15	50	1.295e+05	0.0	0.0	-2724.15	0.0	-2074.75	1362.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	-2074.75	-2.37e-05	0.0	0.0	0.0	1.295e+05
						380.2	-2074.75	-1362.08	0.0	0.0	0.0	0.0
15	51	1.295e+05	0.0	0.0	-2724.15	0.0	2281.72	1362.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	2281.72	-2.37e-05	0.0	0.0	0.0	1.295e+05
						380.2	2281.72	-1362.08	0.0	0.0	0.0	0.0
15	69	1.256e+05	0.0	0.0	-2643.63	0.0	65.72	1321.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	65.72	-2.55e-05	0.0	0.0	0.0	1.256e+05
						380.2	65.72	-1321.82	0.0	0.0	0.0	0.0
15	70	1.384e+05	0.0	0.0	-2912.02	0.0	191.60	1456.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	191.60	-1.96e-05	0.0	0.0	0.0	1.384e+05
						380.2	191.60	-1456.01	0.0	0.0	0.0	0.0
15	71	1.256e+05	0.0	0.0	-2643.63	0.0	65.72	1321.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	65.72	-2.55e-05	0.0	0.0	0.0	1.256e+05
						380.2	65.72	-1321.82	0.0	0.0	0.0	0.0
15	72	1.320e+05	0.0	0.0	-2777.83	0.0	128.66	1388.91	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	128.66	-2.25e-05	0.0	0.0	0.0	1.320e+05
						380.2	128.66	-1388.91	0.0	0.0	0.0	0.0
15	73	1.256e+05	0.0	0.0	-2643.63	0.0	65.72	1321.82	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	65.72	-2.55e-05	0.0	0.0	0.0	1.256e+05
						380.2	65.72	-1321.82	0.0	0.0	0.0	0.0
15	74	1.295e+05	0.0	0.0	-2724.15	0.0	103.48	1362.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	190.1	103.48	-2.37e-05	0.0	0.0	0.0	1.295e+05
						380.2	103.48	-1362.08	0.0	0.0	0.0	0.0
16	2	3.938e+05	0.0	0.0	-5640.55	0.0	329.77	2820.27	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	329.77	-9.19e-05	0.0	0.0	0.0	3.938e+05
						558.6	329.77	-2820.27	0.0	0.0	0.0	0.0
16	3	2.712e+05	0.0	0.0	-3883.91	0.0	105.07	1941.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	105.07	-7.09e-05	0.0	0.0	0.0	2.712e+05
						558.6	105.07	-1941.96	0.0	0.0	0.0	0.0
16	26	2.794e+05	0.0	0.0	-4002.20	0.0	-1296.27	2001.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	-1296.27	-7.09e-05	0.0	0.0	0.0	2.794e+05
						558.6	-1296.27	-2001.10	0.0	0.0	0.0	0.0
16	27	2.794e+05	0.0	0.0	-4002.20	0.0	1583.67	2001.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	1583.67	-7.09e-05	0.0	0.0	0.0	2.794e+05
						558.6	1583.67	-2001.10	0.0	0.0	0.0	0.0
16	58	2.794e+05	0.0	0.0	-4002.20	0.0	-681.93	2001.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	-681.93	-7.09e-05	0.0	0.0	0.0	2.794e+05
						558.6	-681.93	-2001.10	0.0	0.0	0.0	0.0
16	59	2.794e+05	0.0	0.0	-4002.20	0.0	969.34	2001.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	969.34	-7.09e-05	0.0	0.0	0.0	2.794e+05
						558.6	969.34	-2001.10	0.0	0.0	0.0	0.0
16	69	2.712e+05	0.0	0.0	-3883.91	0.0	105.07	1941.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	105.07	-7.09e-05	0.0	0.0	0.0	2.712e+05
						558.6	105.07	-1941.96	0.0	0.0	0.0	0.0
16	70	2.987e+05	0.0	0.0	-4278.22	0.0	233.86	2139.11	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	233.86	-7.08e-05	0.0	0.0	0.0	2.987e+05
						558.6	233.86	-2139.11	0.0	0.0	0.0	0.0
16	71	2.712e+05	0.0	0.0	-3883.91	0.0	105.07	1941.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	105.07	-7.09e-05	0.0	0.0	0.0	2.712e+05
						558.6	105.07	-1941.96	0.0	0.0	0.0	0.0
16	72	2.850e+05	0.0	0.0	-4081.07	0.0	169.46	2040.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	169.46	-7.08e-05	0.0	0.0	0.0	2.850e+05
						558.6	169.46	-2040.53	0.0	0.0	0.0	0.0
16	73	2.712e+05	0.0	0.0	-3883.91	0.0	105.07	1941.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	105.07	-7.09e-05	0.0	0.0	0.0	2.712e+05
						558.6	105.07	-1941.96	0.0	0.0	0.0	0.0
16	74	2.794e+05	0.0	0.0	-4002.20	0.0	143.70	2001.10	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	279.3	143.70	-7.09e-05	0.0	0.0	0.0	2.794e+05
						558.6	143.70	-2001.10	0.0	0.0	0.0	0.0
21	1	-7.702e+04	46.82	5.65e-03	-280.01	0.0	-314.57	1723.61	2.22	-1.818e+05	-28.65	-1.309e+05
		-1.309e+05	-28.65	-3.76e-04	0.0	17.0	-314.57	1583.50	2.22	-1.818e+05	9.08	-1.028e+05
						34.0	-314.57	1443.60	2.22	-1.818e+05	46.82	-7.702e+04
21	2	-9.960e+04	2506.40	6.88e-03	-299.79	0.0	-278.60	2173.03	-10.18	-2.234e+05	2506.40	-1.685e+05
		-1.685e+05	2159.86	-3.50e-04	0.0	17.0	-278.60	2023.01	-10.18	-2.234e+05	2333.13	-1.328e+05

21	3	-5.925e+04	36.02	4.35e-03	-215.39	34.0	-278.60	1873.23	-10.18	-2.234e+05	2159.86	-9.960e+04
						0.0	-241.97	1325.85	1.71	-1.399e+05	-22.04	-1.007e+05
						17.0	-241.97	1218.08	1.71	-1.399e+05	6.99	-7.906e+04
						34.0	-241.97	1110.46	1.71	-1.399e+05	36.02	-5.925e+04
21	4	-8.183e+04	2513.02	5.58e-03	-235.18	0.0	-206.01	1775.27	-10.69	-1.815e+05	2513.02	-1.383e+05
						17.0	-206.01	1657.59	-10.69	-1.815e+05	2331.04	-1.090e+05
						34.0	-206.01	1540.10	-10.69	-1.815e+05	2149.06	-8.183e+04
						0.0	-1449.06	5281.08	6478.00	-1.604e+05	-1.255e+06	-7.619e+05
21	26	-5.859e+05	-1.035e+06	0.03	-219.35	0.0	-1449.06	5171.33	6478.00	-1.604e+05	-1.145e+06	-6.730e+05
						17.0	-1449.06	5061.73	6478.00	-1.604e+05	-1.035e+06	-5.859e+05
						34.0	-1449.06	5061.73	6478.00	-1.604e+05	-1.035e+06	-5.859e+05
						0.0	979.50	-2449.61	-6479.55	-1.360e+05	1.256e+06	5.455e+05
21	27	5.455e+05	1.256e+06	-0.02	-219.35	0.0	979.50	-2559.37	-6479.55	-1.360e+05	1.146e+06	5.028e+05
						17.0	979.50	-2559.37	-6479.55	-1.360e+05	1.146e+06	5.028e+05
						34.0	979.50	-2668.96	-6479.55	-1.360e+05	1.036e+06	4.583e+05
						0.0	401.68	-4450.14	-4489.82	-1.844e+05	8.428e+05	8.824e+05
21	29	8.824e+05	8.428e+05	-0.03	-219.35	0.0	401.68	-4450.14	-4489.82	-1.844e+05	8.428e+05	8.824e+05
						17.0	401.68	-4559.90	-4489.82	-1.844e+05	7.663e+05	8.057e+05
						34.0	401.68	-4669.49	-4489.82	-1.844e+05	6.898e+05	7.271e+05
						0.0	-871.24	7281.61	4488.27	-1.120e+05	-8.418e+05	-1.099e+06
21	32	-8.547e+05	-6.889e+05	0.04	-219.35	0.0	-871.24	7281.61	4488.27	-1.120e+05	-8.418e+05	-1.099e+06
						17.0	-871.24	7171.86	4488.27	-1.120e+05	-7.654e+05	-9.758e+05
						34.0	-871.24	7062.26	4488.27	-1.120e+05	-6.889e+05	-8.547e+05
						0.0	-1311.98	6734.05	6800.04	-1.600e+05	-1.314e+06	-1.009e+06
21	34	-7.836e+05	-1.083e+06	0.04	-219.35	0.0	-1311.98	6734.05	6800.04	-1.600e+05	-1.314e+06	-1.009e+06
						17.0	-1311.98	6624.30	6800.04	-1.600e+05	-1.198e+06	-8.954e+05
						34.0	-1311.98	6514.70	6800.04	-1.600e+05	-1.083e+06	-7.836e+05
						0.0	842.42	-3902.58	-6801.59	-1.364e+05	1.315e+06	7.927e+05
21	35	7.927e+05	1.315e+06	-0.03	-219.35	0.0	842.42	-3902.58	-6801.59	-1.364e+05	1.315e+06	7.927e+05
						17.0	842.42	-4012.33	-6801.59	-1.364e+05	1.199e+06	7.253e+05
						34.0	842.42	-4121.93	-6801.59	-1.364e+05	1.084e+06	6.560e+05
						0.0	-909.57	1654.00	3553.78	-2.025e+05	-7.119e+05	-1.517e+05
21	46	-9.908e+04	-5.911e+05	9.10e-03	-219.35	0.0	-909.57	1654.00	3553.78	-2.025e+05	-7.119e+05	-1.517e+05
						17.0	-909.57	1544.25	3553.78	-2.025e+05	-6.515e+05	-1.244e+05
						34.0	-909.57	1434.65	3553.78	-2.025e+05	-5.911e+05	-9.908e+04
						0.0	440.01	1177.47	-3555.32	-9.386e+04	7.128e+05	-6.478e+04
21	47	-2.845e+04	7.128e+05	1.19e-04	-219.35	0.0	440.01	1177.47	-3555.32	-9.386e+04	7.128e+05	-6.478e+04
						17.0	440.01	1067.71	-3555.32	-9.386e+04	6.524e+05	-4.568e+04
						34.0	440.01	958.12	-3555.32	-9.386e+04	5.920e+05	-2.845e+04
						0.0	-887.02	1890.98	3606.08	-2.026e+05	-7.215e+05	-1.920e+05
21	50	-1.314e+05	-5.990e+05	0.01	-219.35	0.0	-887.02	1890.98	3606.08	-2.026e+05	-7.215e+05	-1.920e+05
						17.0	-887.02	1781.23	3606.08	-2.026e+05	-6.603e+05	-1.608e+05
						34.0	-887.02	1671.64	3606.08	-2.026e+05	-5.990e+05	-1.314e+05
						0.0	417.46	940.49	-3607.62	-9.374e+04	7.225e+05	-2.440e+04
21	51	3857.91	7.225e+05	-8.91e-04	-219.35	0.0	417.46	940.49	-3607.62	-9.374e+04	7.225e+05	-2.440e+04
						17.0	417.46	830.73	-3607.62	-9.374e+04	6.612e+05	-9339.07
						34.0	417.46	721.14	-3607.62	-9.374e+04	5.999e+05	3857.91
						0.0	93.68	-1765.99	-2328.30	-1.682e+05	4.369e+05	4.293e+05
21	61	4.293e+05	4.369e+05	-0.01	-219.35	0.0	93.68	-1765.99	-2328.30	-1.682e+05	4.369e+05	4.293e+05
						17.0	93.68	-1875.74	-2328.30	-1.682e+05	3.973e+05	3.983e+05
						34.0	93.68	-1985.34	-2328.30	-1.682e+05	3.576e+05	3.654e+05
						0.0	-563.25	4597.46	2326.75	-1.282e+05	-4.360e+05	-6.457e+05
21	64	-4.930e+05	-3.567e+05	0.02	-219.35	0.0	-563.25	4597.46	2326.75	-1.282e+05	-4.360e+05	-6.457e+05
						17.0	-563.25	4487.71	2326.75	-1.282e+05	-3.963e+05	-5.684e+05
						34.0	-563.25	4378.11	2326.75	-1.282e+05	-3.567e+05	-4.930e+05
						0.0	-241.97	1325.85	1.71	-1.399e+05	-22.04	-1.007e+05
21	69	-5.925e+04	36.02	4.35e-03	-215.39	0.0	-241.97	1325.85	1.71	-1.399e+05	-22.04	-1.007e+05
						17.0	-241.97	1218.08	1.71	-1.399e+05	6.99	-7.906e+04
						34.0	-241.97	1110.46	1.71	-1.399e+05	36.02	-5.925e+04
						0.0	-218.00	1625.46	-6.56	-1.676e+05	1668.00	-1.257e+05
21	70	-7.430e+04	1668.00	5.17e-03	-228.58	0.0	-218.00	1625.46	-6.56	-1.676e+05	1668.00	-1.257e+05
						17.0	-218.00	1511.09	-6.56	-1.676e+05	1556.35	-9.905e+04
						34.0	-218.00	1396.88	-6.56	-1.676e+05	1444.71	-7.430e+04
						0.0	-241.97	1325.85	1.71	-1.399e+05	-22.04	-1.007e+05
21	71	-5.925e+04	36.02	4.35e-03	-215.39	0.0	-241.97	1325.85	1.71	-1.399e+05	-22.04	-1.007e+05
						17.0	-241.97	1218.08	1.71	-1.399e+05	6.99	-7.906e+04
						34.0	-241.97	1110.46	1.71	-1.399e+05	36.02	-5.925e+04
						0.0	-229.99	1475.66	-2.43	-1.537e+05	822.98	-1.132e+05
21	72	-6.677e+04	822.98	4.76e-03	-221.99	0.0	-229.99	1475.66	-2.43	-1.537e+05	822.98	-1.132e+05
						17.0	-229.99	1364.58	-2.43	-1.537e+05	781.67	-8.906e+04
						34.0	-229.99	1253.67	-2.43	-1.537e+05	740.36	-6.677e+04
						0.0	-241.97	1325.85	1.71	-1.399e+05	-22.04	-1.007e+05
21	73	-5.925e+04	36.02	4.35e-03	-215.39	0.0	-241.97	1325.85	1.71	-1.399e+05	-22.04	-1.007e+05
						17.0	-241.97	1218.08	1.71	-1.399e+05	6.99	-7.906e+04
						34.0	-241.97	1110.46	1.71	-1.399e+05	36.02	-5.925e+04
						0.0	-234.78	1415.73	-0.77	-1.482e+05	484.97	-1.082e+05
21	74	-6.376e+04	484.97	4.59e-03	-219.35	0.0	-234.78	1415.73	-0.77	-1.482e+05	484.97	-1.082e+05
						17.0	-234.78	1305.98	-0.77	-1.482e+05	471.80	-8.506e+04
						34.0	-234.78	1196.39	-0.77	-1.482e+05	458.62	-6.376e+04
						0.0	-1687.62	7099.61	15.89	-8.431e+04	-3138.53	-4.946e+05
32	2	1.076e+05	-1533.97	-0.09	-2274.41	0.0	-1687.62	7099.61	15.89	-8.431e+04	-3138.53	-4.946e+05
						50.5	-1687.62	5962.41	15.89	-8.431e+04	-2336.25	-1.648e+05
						101.0	-1687.62	4825.20	15.89	-8.431e+04	-1533.97	1.076e+05
						0.0	-1140.22	4486.59	8.47	-3.220e+04	-1088.95	-3.021e+05
32	3	7.344e+04	-233.81	-0.06	-1536.47	0.0	-1140.22	4486.59	8.47	-3.220e+04	-1088.95	-3.021e+05
						50.5	-1140.22	3718.35	8.47	-3.220e+04	-661.38	-9.494e+04
						101.0	-1140.22	2950.12	8.47	-3.220e+04	-233.81	7.344e+04
						0.0	-4431.09	3054.09	-412.82	-1.926e+05	3.064e+05	2.128e+05
32	17	4.410e+05	3.064e+05	-0.10	-1591.87	0.0	-4431.09	3054.09	-412.82	-1.926e+05	3.064e+05	2.128e+05
						50.5	-4431.09	2258.16	-412.82	-1.926e+05	2.814e+05	3.470e+05
						101.0	-4431.09	1462.22	-412.82	-1.926e+05	2.564e+05	4.410e+05
						0.0	2068.51	6425.90	431.71	1.112e+05	-3.093e+05	-8.578e+05
32	20	-2.893e+05	-2.574e+05	-0.02	-1591.87	0.0	2068.51	6425.90	431.71	1.112e+05	-3.093e+05	-8.578e+05
						50.5	2068.51	5629.97	431.71	1.112e+05	-2.833e+05	-5.535e+05
						101.0	2068.51	4834.03	431.71	1.112e+05	-2.574e+05	-2.893e+05
						0.0	-8619.87	4609.52	-3046.79	3.532e+05	1.048e+06	-3.037e+05
32	34	8.115e+04	1.048e+06	-0.09	-1591.87	0.0	-8619.87	4609.52	-3046.79	3.532e+05	1.048e+06	-3.037e+05
						50.5	-8619.87	3813.58	-3046.79	3.532e+05	9.094e+05	-9.116e+04
						101.0	-8619.87	3017.65	-3046.79	3.532e+05	7.709e+05	8.115e+04
						0.0	6257.30	4870.48	3065.68	-4.345e+05	-1.051e+06	-3.413e+05
32	35	7.058e+04	-7.719e+05	-0.03	-1591.87	0.0	6257.30	4870.48	3065.68	-4.345e+05	-1.051e+06	-3.413e+05
						50.5	6257.30	4870.48	3065.68	-4.345e+05	-1.051e+06	-3.413e+05
						101.0	6257.30	4870.48	3065.68	-4.345e+05	-1.051e+06	-3.413e+05
						0.0	6257.30	4870.48	3065.68	-4.345e+05	-1.051e+06	-3.413e+05

		-3.413e+05-1.051e+06	-0.13	0.0	50.5	6257.30	4074.54	3065.68	-4.345e+05	-9.113e+05	-1.153e+05
					101.0	6257.30	3278.61	3065.68	-4.345e+05	-7.719e+05	7.058e+04
32	49	2.858e+05 1.893e+05	-0.08	-1591.87	0.0	-3143.61	3770.86	-270.12	-1.222e+05	1.893e+05	-1.476e+04
		-1.476e+04 1.568e+05	-0.02	0.0	50.5	-3143.61	2974.93	-270.12	-1.222e+05	1.730e+05	1.556e+05
					101.0	-3143.61	2178.99	-270.12	-1.222e+05	1.568e+05	2.858e+05
32	52	-1.340e+05-1.577e+05	-0.04	-1591.87	0.0	781.03	5709.14	289.01	4.077e+04	-1.922e+05	-6.302e+05
		-6.302e+05-1.922e+05	0.02	0.0	50.5	781.03	4913.20	289.01	4.077e+04	-1.749e+05	-3.620e+05
					101.0	781.03	4117.27	289.01	4.077e+04	-1.577e+05	-1.340e+05
32	66	8.123e+04 5.604e+05	-0.08	-1591.87	0.0	-5178.42	4653.95	-1636.92	1.666e+05	5.604e+05	-3.082e+05
		-3.082e+05 4.144e+05	0.06	0.0	50.5	-5178.42	3858.02	-1636.92	1.666e+05	4.874e+05	-9.340e+04
					101.0	-5178.42	3062.08	-1636.92	1.666e+05	4.144e+05	8.123e+04
32	67	7.050e+04-4.153e+05	-0.04	-1591.87	0.0	2815.84	4826.05	1655.81	-2.479e+05	-5.633e+05	-3.367e+05
		-3.367e+05-5.633e+05	-0.07	0.0	50.5	2815.84	4030.11	1655.81	-2.479e+05	-4.893e+05	-1.130e+05
					101.0	2815.84	3234.18	1655.81	-2.479e+05	-4.153e+05	7.050e+04
32	69	7.344e+04 -233.81	-0.06	-1536.47	0.0	-1140.22	4486.59	8.47	-3.220e+04	-1088.95	-3.021e+05
		-3.021e+05 -1088.95	-7.66e-04	0.0	50.5	-1140.22	3718.35	8.47	-3.220e+04	-661.38	-9.494e+04
					101.0	-1140.22	2950.12	8.47	-3.220e+04	-233.81	7.344e+04
32	70	8.152e+04 -1053.82	-0.07	-1721.14	0.0	-1277.11	5331.29	11.72	-6.050e+04	-2237.54	-3.700e+05
		-3.700e+05 -2237.54	-6.85e-04	0.0	50.5	-1277.11	4470.72	11.72	-6.050e+04	-1645.68	-1.225e+05
					101.0	-1277.11	3610.15	11.72	-6.050e+04	-1053.82	8.152e+04
32	71	7.344e+04 -233.81	-0.06	-1536.47	0.0	-1140.22	4486.59	8.47	-3.220e+04	-1088.95	-3.021e+05
		-3.021e+05 -1088.95	-7.66e-04	0.0	50.5	-1140.22	3718.35	8.47	-3.220e+04	-661.38	-9.494e+04
					101.0	-1140.22	2950.12	8.47	-3.220e+04	-233.81	7.344e+04
32	72	7.748e+04 -643.82	-0.06	-1628.80	0.0	-1208.67	4908.94	10.09	-4.635e+04	-1663.25	-3.361e+05
		-3.361e+05 -1663.25	-7.26e-04	0.0	50.5	-1208.67	4094.54	10.09	-4.635e+04	-1153.53	-1.087e+05
					101.0	-1208.67	3280.13	10.09	-4.635e+04	-643.82	7.748e+04
32	73	7.344e+04 -233.81	-0.06	-1536.47	0.0	-1140.22	4486.59	8.47	-3.220e+04	-1088.95	-3.021e+05
		-3.021e+05 -1088.95	-7.66e-04	0.0	50.5	-1140.22	3718.35	8.47	-3.220e+04	-661.38	-9.494e+04
					101.0	-1140.22	2950.12	8.47	-3.220e+04	-233.81	7.344e+04
32	74	7.587e+04 -479.82	-0.06	-1591.87	0.0	-1181.29	4740.00	9.44	-4.069e+04	-1433.53	-3.225e+05
		-3.225e+05 -1433.53	-7.42e-04	0.0	50.5	-1181.29	3944.06	9.44	-4.069e+04	-956.67	-1.032e+05
					101.0	-1181.29	3148.13	9.44	-4.069e+04	-479.82	7.587e+04
33	2	-9.028e+05 7199.60	-2.47e-04	-33.69	0.0	-2371.92	8499.01	-24.68	-7.839e+04	7199.60	-9.494e+05
		-9.494e+05 7063.84	7.23e-05	0.0	2.8	-2371.92	8483.55	-24.68	-7.839e+04	7131.72	-9.261e+05
					5.5	-2371.92	8465.32	-24.68	-7.839e+04	7063.84	-9.028e+05
33	3	-5.725e+05 5010.44	-1.51e-04	-25.24	0.0	-1584.31	5295.44	-17.39	-2.592e+04	5010.44	-6.016e+05
		-6.016e+05 4914.80	5.64e-05	0.0	2.8	-1584.31	5283.71	-17.39	-2.592e+04	4962.62	-5.870e+05
					5.5	-1584.31	5270.19	-17.39	-2.592e+04	4914.80	-5.725e+05
33	13	-1.379e+05-1.912e+05	-6.91e-03	-25.42	0.0	4639.63	3994.85	652.80	-1.446e+05	-1.934e+05	-1.598e+05
		-1.598e+05-1.934e+05	-6.48e-03	0.0	2.8	4639.63	3983.09	652.80	-1.446e+05	-1.923e+05	-1.488e+05
					5.5	4639.63	3969.44	652.80	-1.446e+05	-1.912e+05	-1.379e+05
33	16	-1.071e+06 2.037e+05	6.59e-03	-25.42	0.0	-7933.18	7241.99	-688.41	7.486e+04	2.037e+05	-1.110e+06
		-1.110e+06 2.013e+05	6.59e-03	0.0	2.8	-7933.18	7230.23	-688.41	7.486e+04	2.025e+05	-1.090e+06
					5.5	-7933.18	7216.58	-688.41	7.486e+04	2.013e+05	-1.071e+06
33	18	-1.081e+05-1.386e+05	-7.31e-03	-25.42	0.0	845.49	3897.36	-287.11	2.201e+04	-1.386e+05	-1.294e+05
		-1.294e+05-1.401e+05	3.01e-03	0.0	2.8	845.49	3885.59	-287.11	2.201e+04	-1.393e+05	-1.187e+05
					5.5	845.49	3871.94	-287.11	2.201e+04	-1.401e+05	-1.081e+05
33	19	-1.100e+06 1.502e+05	6.98e-03	-25.42	0.0	-4139.04	7339.49	251.50	-9.174e+04	1.489e+05	-1.141e+06
		-1.141e+06 1.489e+05	-2.90e-03	0.0	2.8	-4139.04	7327.72	251.50	-9.174e+04	1.495e+05	-1.121e+06
					5.5	-4139.04	7314.07	251.50	-9.174e+04	1.502e+05	-1.100e+06
33	33	-5.230e+05-1.055e+05	-1.51e-03	-25.42	0.0	6083.41	5324.10	1833.83	-3.048e+05	-1.138e+05	-5.522e+05
		-5.522e+05-1.138e+05	-0.02	0.0	2.8	6083.41	5312.33	1833.83	-3.048e+05	-1.096e+05	-5.376e+05
					5.5	6083.41	5298.68	1833.83	-3.048e+05	-1.055e+05	-5.230e+05
33	36	-6.854e+05 1.241e+05	1.18e-03	-25.42	0.0	-9376.96	5912.75	-1869.44	2.351e+05	1.241e+05	-7.179e+05
		-7.179e+05 1.156e+05	0.02	0.0	2.8	-9376.96	5900.98	-1869.44	2.351e+05	1.198e+05	-7.016e+05
					5.5	-9376.96	5887.34	-1869.44	2.351e+05	1.156e+05	-6.854e+05
33	45	-3.349e+05-1.075e+05	-4.01e-03	-25.42	0.0	1885.89	4681.00	347.14	-9.405e+04	-1.086e+05	-3.606e+05
		-3.606e+05-1.086e+05	-3.48e-03	0.0	2.8	1885.89	4669.23	347.14	-9.405e+04	-1.080e+05	-3.477e+05
					5.5	1885.89	4655.58	347.14	-9.405e+04	-1.075e+05	-3.349e+05
33	48	-8.735e+05 1.189e+05	3.68e-03	-25.42	0.0	-5179.44	6555.85	-382.75	2.432e+04	1.189e+05	-9.095e+05
		-9.095e+05 1.176e+05	3.59e-03	0.0	2.8	-5179.44	6544.08	-382.75	2.432e+04	1.182e+05	-8.915e+05
					5.5	-5179.44	6530.43	-382.75	2.432e+04	1.176e+05	-8.735e+05
33	50	-3.186e+05-7.842e+04	-4.21e-03	-25.42	0.0	-114.38	4627.42	-150.52	-5497.50	-7.842e+04	-3.440e+05
		-3.440e+05-7.919e+04	1.49e-03	0.0	2.8	-114.38	4615.66	-150.52	-5497.50	-7.881e+04	-3.313e+05
					5.5	-114.38	4602.01	-150.52	-5497.50	-7.919e+04	-3.186e+05
33	51	-8.898e+05 8.929e+04	3.89e-03	-25.42	0.0	-3179.18	6609.42	114.91	-6.423e+04	8.872e+04	-9.261e+05
		-9.261e+05 8.872e+04	-1.38e-03	0.0	2.8	-3179.18	6597.66	114.91	-6.423e+04	8.900e+04	-9.080e+05
					5.5	-3179.18	6584.01	114.91	-6.423e+04	8.929e+04	-8.898e+05
33	65	-5.554e+05-5.721e+04	-9.61e-04	-25.42	0.0	2493.83	5442.51	966.17	-1.788e+05	-6.150e+04	-5.852e+05
		-5.852e+05-6.150e+04	-8.76e-03	0.0	2.8	2493.83	5430.74	966.17	-1.788e+05	-5.936e+04	-5.703e+05
					5.5	2493.83	5417.10	966.17	-1.788e+05	-5.721e+04	-5.554e+05
33	68	-6.531e+05 7.180e+04	6.39e-04	-25.42	0.0	-5787.38	5794.34	-1001.78	1.090e+05	7.180e+04	-6.849e+05
		-6.849e+05 6.731e+04	8.87e-03	0.0	2.8	-5787.38	5782.57	-1001.78	1.090e+05	6.956e+04	-6.689e+05
					5.5	-5787.38	5768.92	-1001.78	1.090e+05	6.731e+04	-6.531e+05
33	69	-5.725e+05 5010.44	-1.51e-04	-25.24	0.0	-1584.31	5295.44	-17.39	-2.592e+04	5010.44	-6.016e+05
		-6.016e+05 4914.80	5.64e-05	0.0	2.8	-1584.31	5283.71	-17.39	-2.592e+04	4962.62	-5.870e+05
					5.5	-1584.31	5270.19	-17.39	-2.592e+04	4914.80	-5.725e+05

33	70-6.782e+05 -7.132e+05	5467.79 5364.53	-1.85e-04 5.57e-05	-25.82 0.0	0.0 2.8	-1792.52 -1792.52	6372.06 6360.19	-18.77-5.572e+04 -18.77-5.572e+04	5467.79-7.132e+05 5416.16-6.957e+05
					5.5	-1792.52	6346.24	-18.77-5.572e+04	5364.53-6.782e+05
33	71-5.725e+05 -6.016e+05	5010.44 4914.80	-1.51e-04 5.64e-05	-25.24 0.0	0.0 2.8	-1584.31 -1584.31	5295.44 5283.71	-17.39-2.592e+04 -17.39-2.592e+04	5010.44-6.016e+05 4962.62-5.870e+05
					5.5	-1584.31	5270.19	-17.39-2.592e+04	4914.80-5.725e+05
33	72-6.254e+05 -6.574e+05	5239.11 5139.66	-1.68e-04 5.60e-05	-25.53 0.0	0.0 2.8	-1688.42 -1688.42	5833.75 5821.95	-18.08-4.082e+04 -18.08-4.082e+04	5239.11-6.574e+05 5189.39-6.413e+05
					5.5	-1688.42	5808.22	-18.08-4.082e+04	5139.66-6.254e+05
33	73-5.725e+05 -6.016e+05	5010.44 4914.80	-1.51e-04 5.64e-05	-25.24 0.0	0.0 2.8	-1584.31 -1584.31	5295.44 5283.71	-17.39-2.592e+04 -17.39-2.592e+04	5010.44-6.016e+05 4962.62-5.870e+05
					5.5	-1584.31	5270.19	-17.39-2.592e+04	4914.80-5.725e+05
33	74-6.042e+05 -6.351e+05	5147.64 5049.72	-1.61e-04 5.62e-05	-25.42 0.0	0.0 2.8	-1646.78 -1646.78	5618.42 5606.66	-17.80-3.486e+04 -17.80-3.486e+04	5147.64-6.351e+05 5098.68-6.196e+05
					5.5	-1646.78	5593.01	-17.80-3.486e+04	5049.72-6.042e+05
34	2-6.584e+05 -1.026e+06	-5150.82 -5527.92	-0.01 4.17e-04	-1200.78 0.0	0.0 17.8	-3205.02 -3205.02	1.096e+04 1.036e+04	10.62-7.042e+04 10.62-7.042e+04	-5527.92-1.026e+06 -5339.37-8.369e+05
					35.5	-3205.02	9756.77	10.62-7.042e+04	-5150.82-6.584e+05
34	3-4.179e+05 -6.494e+05	-3587.37 -3845.40	-8.47e-03 3.05e-04	-800.12 0.0	0.0 17.8	-2134.16 -2134.16	6922.08 6522.02	7.27-2.406e+04 7.27-2.406e+04	-3845.40-6.494e+05 -3716.39-5.301e+05
					35.5	-2134.16	6121.96	7.27-2.406e+04	-3587.37-4.179e+05
34	18 6141.87 -1.772e+05	4.362e+04 1.732e+04	-0.02 0.01	-832.24 0.0	0.0 17.8	-355.78 -355.78	5581.61 5165.49	-888.51-2.700e+04 -888.51-2.700e+04	4.362e+04-1.772e+05 3.047e+04-8.186e+04
					35.5	-355.78	4749.37	-888.51-2.700e+04	6141.87
34	19-8.880e+05 -1.194e+06	-2.469e+04 -5.152e+04	6.58e-03 -0.01	-832.24 0.0	0.0 17.8	-4084.78 -4084.78	9046.09 8629.97	903.51-3.678e+04 903.51-3.678e+04	-5.152e+04-1.194e+06 -3.810e+04-1.038e+06
					35.5	-4084.78	8213.85	903.51-3.678e+04	-8.880e+05
34	25-3.481e+05 -5.801e+05	5.000e+04 -5.087e+04	-0.01 -0.05	-832.24 0.0	0.0 17.8	4936.96 4936.96	6952.64 6536.52	2225.34-9.460e+04 2225.34-9.460e+04	-5.087e+04-5.801e+05 -434.16-4.604e+05
					35.5	4936.96	6120.39	2225.34-9.460e+04	5.000e+04-3.481e+05
34	28-5.338e+05 -7.915e+05	4.297e+04 -5.737e+04	-5.90e-03 0.05	-832.24 0.0	0.0 17.8	-9377.52 -9377.52	7675.06 7258.94	-2210.33 3.082e+04 -2210.33 3.082e+04	4.297e+04-7.915e+05 -7201.85-6.589e+05
					35.5	-9377.52	6842.82	-2210.33 3.082e+04	-5.338e+05
34	29-4.513e+05 -6.978e+05	1.511e+05 9.185e+04	-8.59e-03 -0.03	-832.24 0.0	0.0 17.8	4024.04 4024.04	7362.10 6945.98	2040.01 4.853e+04 2040.01 4.853e+04	9.185e+04-6.978e+05 1.215e+05-5.709e+05
					35.5	4024.04	6529.86	2040.01 4.853e+04	-4.513e+05
34	32-4.306e+05 -6.738e+05	-9.976e+04 -1.585e+05	-9.26e-03 0.03	-832.24 0.0	0.0 17.8	-8464.60 -8464.60	7265.60 6849.48	-2025.00-1.123e+05 -2025.00-1.123e+05	-9.976e+04-6.738e+05 -1.291e+05-5.485e+05
					35.5	-8464.60	6433.36	-2025.00-1.123e+05	-4.306e+05
34	50-1.837e+05 -3.932e+05	2.331e+04 9087.33	-0.02 7.39e-03	-832.24 0.0	0.0 17.8	-1056.48 -1056.48	6316.94 5900.82	-481.63-2.908e+04 -481.63-2.908e+04	-3.932e+05 1.620e+04-2.847e+05
					35.5	-1056.48	5484.70	-481.63-2.908e+04	9087.33-1.837e+05
34	51-6.982e+05 -9.785e+05	-1.646e+04 -3.122e+04	1.49e-03 -6.77e-03	-832.24 0.0	0.0 17.8	-3384.08 -3384.08	8310.76 7894.64	496.64-3.470e+04 496.64-3.470e+04	-9.785e+05 -3.122e+04-9.785e+05
					35.5	-3384.08	7478.52	496.64-3.470e+04	-6.982e+05
34	57-3.863e+05 -6.236e+05	2.595e+04 -2.905e+04	-0.01 -0.03	-832.24 0.0	0.0 17.8	1607.29 1607.29	7101.39 6685.27	1191.72-6.615e+04 1191.72-6.615e+04	-2.905e+04-6.236e+05 -1549.43-5.013e+05
					35.5	1607.29	6269.15	1191.72-6.615e+04	2.595e+04-3.863e+05
34	60-4.956e+05 -7.480e+05	2.115e+04 -3.332e+04	-7.12e-03 0.03	-832.24 0.0	0.0 17.8	-6047.85 -6047.85	7526.31 7110.19	-1176.71 2372.59 -1176.71 2372.59	2.115e+04-7.480e+05 -6086.57-6.181e+05
					35.5	-6047.85	6694.06	-1176.71 2372.59	-4.956e+05
34	61-4.447e+05 -6.903e+05	8.178e+04 5.020e+04	-8.85e-03 -0.01	-832.24 0.0	0.0 17.8	1083.16 1083.16	7333.52 6917.40	1091.64 1.294e+04 1091.64 1.294e+04	5.020e+04-6.903e+05 6.599e+04-6.938e+05
					35.5	1083.16	6501.28	1091.64 1.294e+04	-4.447e+05
34	64-4.372e+05 -6.813e+05	-5.810e+04 -8.915e+04	-9.00e-03 0.01	-832.24 0.0	0.0 17.8	-5523.72 -5523.72	7294.18 6878.06	-1076.63-7.671e+04 -1076.63-7.671e+04	-5.810e+04-6.813e+05 -7.363e+04-5.556e+05
					35.5	-5523.72	6461.93	-1076.63-7.671e+04	-4.372e+05
34	69-4.179e+05 -6.494e+05	-3587.37 -3845.40	-8.47e-03 3.05e-04	-800.12 0.0	0.0 17.8	-2134.16 -2134.16	6922.08 6522.02	7.27-2.406e+04 7.27-2.406e+04	-3845.40-6.494e+05 -3716.39-5.301e+05
					35.5	-2134.16	6121.96	7.27-2.406e+04	-3587.37-4.179e+05
34	70-4.947e+05 -7.707e+05	-3912.20 -4198.00	-9.99e-03 3.19e-04	-907.20 0.0	0.0 17.8	-2421.24 -2421.24	8227.98 7774.38	8.05-5.016e+04 8.05-5.016e+04	-4198.00-7.707e+05 -4055.10-6.286e+05
					35.5	-2421.24	7320.78	8.05-5.016e+04	-3912.20-4.947e+05
34	71-4.179e+05 -6.494e+05	-3587.37 -3845.40	-8.47e-03 3.05e-04	-800.12 0.0	0.0 17.8	-2134.16 -2134.16	6922.08 6522.02	7.27-2.406e+04 7.27-2.406e+04	-3845.40-6.494e+05 -3716.39-5.301e+05
					35.5	-2134.16	6121.96	7.27-2.406e+04	-3587.37-4.179e+05
34	72-4.563e+05 -7.101e+05	-3749.78 -4021.70	-9.23e-03 3.12e-04	-853.66 0.0	0.0 17.8	-2277.70 -2277.70	7575.03 7148.20	7.66-3.711e+04 7.66-3.711e+04	-4021.70-7.101e+05 -3885.74-5.794e+05
					35.5	-2277.70	6721.37	7.66-3.711e+04	-3749.78-4.563e+05
34	73-4.179e+05 -6.494e+05	-3587.37 -3845.40	-8.47e-03 3.05e-04	-800.12 0.0	0.0 17.8	-2134.16 -2134.16	6922.08 6522.02	7.27-2.406e+04 7.27-2.406e+04	-3845.40-6.494e+05 -3716.39-5.301e+05
					35.5	-2134.16	6121.96	7.27-2.406e+04	-3587.37-4.179e+05
34	74-4.409e+05 -6.858e+05	-3684.82 -3951.18	-8.93e-03 3.09e-04	-832.24 0.0	0.0 17.8	-2220.28 -2220.28	7313.85 6897.73	7.50-3.189e+04 7.50-3.189e+04	-3951.18-6.858e+05 -3818.00-5.597e+05
					35.5	-2220.28	6481.61	7.50-3.189e+04	-3684.82-4.409e+05
35	1-2.938e+05 -7.967e+05	-731.41 -950.53	-0.02 -8.33e-04	-1919.16 0.0	0.0 32.8	-2695.54 -2695.54	8637.52 7677.94	3.35-2.576e+04 3.35-2.576e+04	-950.53-7.967e+05 -840.97-5.295e+05

35	2	-3.569e+05	-648.62	-0.02	-2215.52	65.5	-2695.54	6718.36	3.35	-2.576e+04	-731.41	-2.938e+05	
		-9.707e+05	-851.50	-9.18e-04	0.0	0.0	3103.95	1.048e+04	3.10	-5.888e+04	-851.50	-9.707e+05	
						32.8	-3103.95	9370.18	3.10	-5.888e+04	-750.06	-6.457e+05	
35	3	-2.260e+05	-562.63	-0.01	-1476.28	65.5	-3103.95	8262.42	3.10	-5.888e+04	-648.62	-3.569e+05	
		-6.128e+05	-731.18	-6.41e-04	0.0	0.0	-2073.49	6644.24	2.57	-1.981e+04	-731.18	-6.128e+05	
						32.8	-2073.49	5906.11	2.57	-1.981e+04	-646.90	-4.073e+05	
35	4	-2.891e+05	-479.84	-0.02	-1772.64	65.5	-2073.49	5167.97	2.57	-1.981e+04	-562.63	-2.260e+05	
		-7.868e+05	-632.15	-7.25e-04	0.0	0.0	-2481.91	8484.67	2.33	-5.293e+04	-632.15	-7.868e+05	
						32.8	-2481.91	7598.35	2.33	-5.293e+04	-555.99	-5.235e+05	
35	18	1.503e+05	-1.001e+05	-0.04	-1535.55	65.5	-2481.91	6712.03	2.33	-5.293e+04	-479.84	-2.891e+05	
		-1.461e+05	-1.003e+05	-0.03	0.0	0.0	-922.27	5293.07	-20.20	-1.037e+05	-1.001e+05	-1.461e+05	
						32.8	-922.27	4525.30	-20.20	-1.037e+05	-1.002e+05	1.468e+04	
35	19	-6.276e+05	9.921e+04	0.01	-1535.55	65.5	-922.27	3757.52	-20.20	-1.037e+05	-1.003e+05	1.503e+05	
		-1.149e+06	9.868e+04	0.03	0.0	0.0	-3388.09	8731.59	25.25	5.080e+04	9.868e+04	-1.149e+06	
						32.8	-3388.09	7963.81	25.25	5.080e+04	9.894e+04	-8.758e+05	
35	22	-1.574e+05	-2.263e+05	-0.02	-1535.55	65.5	-3388.09	7196.04	25.25	5.080e+04	9.921e+04	-6.276e+05	
		-5.443e+05	-3.091e+05	-0.07	0.0	0.0	-7727.69	6674.83	-1176.22	-2.970e+05	-2.263e+05	-5.443e+05	
						32.8	-7727.69	5907.06	-1176.22	-2.970e+05	-2.677e+05	-3.383e+05	
35	23	-3.199e+05	3.080e+05	-9.81e-03	-1535.55	65.5	-7727.69	5139.28	-1176.22	-2.970e+05	-3.091e+05	-1.574e+05	
		-7.509e+05	2.249e+05	0.07	0.0	0.0	0.0	3417.34	7349.83	1181.26	2.441e+05	2.249e+05	-7.509e+05
						32.8	3417.34	6582.05	1181.26	2.441e+05	2.664e+05	-5.228e+05	
35	25	-1.653e+05	2.904e+05	-0.02	-1535.55	65.5	3417.34	5814.28	1181.26	2.441e+05	3.080e+05	-3.199e+05	
		-5.515e+05	2.038e+05	0.06	0.0	0.0	4482.61	6664.31	1391.08	2.563e+05	2.038e+05	-5.515e+05	
						32.8	4482.61	5896.53	1391.08	2.563e+05	2.471e+05	-3.458e+05	
35	28	-3.119e+05	-2.052e+05	-5.28e-03	-1535.55	65.5	4482.61	5128.76	1391.08	2.563e+05	2.904e+05	-1.653e+05	
		-7.438e+05	-2.915e+05	-0.07	0.0	0.0	-8792.96	7360.35	-1386.03	-3.092e+05	-2.052e+05	-7.438e+05	
						32.8	-8792.96	6592.58	-1386.03	-3.092e+05	-2.484e+05	-5.153e+05	
35	50	-1.489e+04	-5.437e+04	-0.03	-1535.55	65.5	-8792.96	5824.80	-1386.03	-3.092e+05	-2.915e+05	-3.119e+05	
		-3.591e+05	-5.539e+04	-0.02	0.0	0.0	-1363.24	6023.05	-2.20	-6.706e+04	-5.539e+04	-3.591e+05	
						32.8	-1363.24	5255.28	-2.20	-6.706e+04	-5.488e+04	-1.744e+05	
35	51	-4.624e+05	5.397e+04	4.99e-03	-1535.55	65.5	-1363.24	4487.50	-2.20	-6.706e+04	-5.437e+04	-1.489e+04	
		-9.362e+05	5.327e+04	0.02	0.0	0.0	-2947.12	8001.61	7.25	1.418e+04	5.397e+04	-9.362e+05	
						32.8	-2947.12	7233.83	7.25	1.418e+04	5.362e+04	-6.867e+05	
35	54	-1.930e+05	-1.228e+05	-0.01	-1535.55	65.5	-2947.12	6466.06	7.25	1.418e+04	5.327e+04	-4.624e+05	
		-5.896e+05	-1.663e+05	-0.04	0.0	0.0	0.0	-5084.42	6822.13	-619.41	-1.704e+05	-1.228e+05	
						32.8	-5084.42	6054.36	-619.41	-1.704e+05	-1.445e+05	-3.788e+05	
35	55	-2.842e+05	1.652e+05	-0.01	-1535.55	65.5	-5084.42	5286.59	-619.41	-1.704e+05	-1.663e+05	-1.930e+05	
		-7.057e+05	1.213e+05	0.04	0.0	0.0	774.07	7202.52	624.46	1.175e+05	1.213e+05	-7.057e+05	
						32.8	774.07	6434.75	624.46	1.175e+05	1.433e+05	-4.824e+05	
35	57	-1.950e+05	1.553e+05	-0.02	-1535.55	65.5	774.07	5666.97	624.46	1.175e+05	1.652e+05	-2.842e+05	
		-5.905e+05	1.092e+05	0.03	0.0	0.0	0.0	1386.74	743.11	1.243e+05	1.092e+05	-5.905e+05	
						32.8	1386.74	6039.11	743.11	1.243e+05	1.322e+05	-3.802e+05	
35	60	-2.822e+05	-1.106e+05	-8.38e-03	-1535.55	65.5	1386.74	5271.34	743.11	1.243e+05	1.553e+05	-1.950e+05	
		-7.047e+05	-1.564e+05	-0.04	0.0	0.0	0.0	-5697.09	7217.77	-738.06	-1.771e+05	-1.106e+05	
						32.8	-5697.09	6450.00	-738.06	-1.771e+05	-1.335e+05	-4.809e+05	
35	69	-2.260e+05	-562.63	-0.01	-1476.28	65.5	-5697.09	5682.22	-738.06	-1.771e+05	-1.564e+05	-2.822e+05	
		-6.128e+05	-731.18	-6.41e-04	0.0	0.0	-2073.49	6644.24	2.57	-1.981e+04	-731.18	-6.128e+05	
						32.8	-2073.49	5906.11	2.57	-1.981e+04	-646.90	-4.073e+05	
35	70	-2.681e+05	-507.43	-0.01	-1673.85	65.5	-2073.49	5167.97	2.57	-1.981e+04	-562.63	-2.260e+05	
		-7.288e+05	-665.16	-6.97e-04	0.0	0.0	-2345.77	7871.19	2.41	-4.189e+04	-665.16	-7.288e+05	
						32.8	-2345.77	7034.27	2.41	-4.189e+04	-586.30	-4.848e+05	
35	71	-2.260e+05	-562.63	-0.01	-1476.28	65.5	-2345.77	6197.34	2.41	-4.189e+04	-507.43	-2.681e+05	
		-6.128e+05	-731.18	-6.41e-04	0.0	0.0	-2073.49	6644.24	2.57	-1.981e+04	-731.18	-6.128e+05	
						32.8	-2073.49	5906.11	2.57	-1.981e+04	-646.90	-4.073e+05	
35	72	-2.470e+05	-535.03	-0.01	-1575.06	65.5	-2073.49	5167.97	2.57	-1.981e+04	-562.63	-2.260e+05	
		-6.708e+05	-698.17	-6.69e-04	0.0	0.0	0.0	-2209.63	7257.72	2.49	-3.085e+04	-698.17	-6.708e+05
						32.8	-2209.63	6470.19	2.49	-3.085e+04	-616.60	-4.460e+05	
35	73	-2.260e+05	-562.63	-0.01	-1476.28	65.5	-2209.63	5682.65	2.49	-3.085e+04	-535.03	-2.470e+05	
		-6.128e+05	-731.18	-6.41e-04	0.0	0.0	0.0	-2073.49	6644.24	2.57	-1.981e+04	-731.18	-6.128e+05
						32.8	-2073.49	5906.11	2.57	-1.981e+04	-646.90	-4.073e+05	
35	74	-2.386e+05	-546.07	-0.01	-1535.55	65.5	-2073.49	5167.97	2.57	-1.981e+04	-562.63	-2.260e+05	
		-6.476e+05	-711.37	-6.58e-04	0.0	0.0	0.0	-2155.18	7012.33	2.52	-2.644e+04	-711.37	-6.476e+05
						32.8	-2155.18	6244.55	2.52	-2.644e+04	-628.72	-4.306e+05	
36	1	-1.542e+05	201.55	-0.05	-2798.16	65.5	-2155.18	5476.78	2.52	-2.644e+04	-546.07	-2.386e+05	
		-9.446e+05	-88.21	-1.15e-03	0.0	0.0	0.0	-2266.49	9675.85	3.03	-1489.47	-88.21	-9.446e+05
						47.8	-2266.49	8276.76	3.03	-1489.47	56.67	-5.160e+05	
36	2	-1.878e+05	492.24	-0.06	-3230.26	95.5	-2266.49	6877.68	3.03	-1489.47	201.55	-1.542e+05	
		-1.147e+06	259.52	-1.22e-03	0.0	0.0	0.0	-2610.39	1.166e+04	2.44	-2.207e+04	492.24	-1.878e+05
						47.8	-2610.39	1.004e+04	2.44	-2.207e+04	375.88	-6.288e+05	
36	3	-1.186e+05	155.04	-0.04	-2152.43	95.5	-2610.39	8428.99	2.44	-2.207e+04	259.52	-1.147e+06	
		-7.266e+05	-67.85	-8.83e-04	0.0	0.0	0.0	-1743.45	7442.96	2.33	-1145.75	-67.85	-7.266e+05
						47.8	-1743.45	6366.74	2.33	-1145.75	43.59	-3.969e+05	
36	14	1.999e+05	6896.90	-0.07	-2238.85	95.5	-1743.45	5290.52	2.33	-1145.75	155.04	-1.186e+05	
		-2.825e+05	-1.637e+04	-0.09	0.0	0.0	0.0	-643.75	6169.73	-90.49	-1.065e+05	6896.90	-2.825e+05
						47.8	-643.75	5050.31	-90.49	-1.065e+05	-4738.04	-1.457e+04	
36	15	-4.506e+05	1.680e+04	-0.01	-2238.85	95.5	-643.75	3930.88	-90.49	-1.065e+05	-1.637e+04	1.999e+05	
						0.0	-2980.72	9509.55	94.92	9.597e+04	-6893.51	-1.252e+06	

		-1.252e+06	-6893.51	0.09	0.0	47.8	-2980.72	8390.12	94.92	9.597e+04	4952.91	-8.244e+05
						95.5	-2980.72	7270.69	94.92	9.597e+04	1.680e+04	-4.506e+05
36	25	-1.381e+05	3.144e+05	-0.06	-2238.85	0.0	3909.48	7973.47	-2109.05	3.944e+05	3.144e+05	-7.925e+05
		-7.925e+05	1.879e+05	0.31	0.0	47.8	3909.48	6854.04	-2109.05	3.944e+05	2.511e+05	-4.386e+05
						95.5	3909.48	5734.61	-2109.05	3.944e+05	1.879e+05	-1.381e+05
36	28	-1.125e+05	-1.875e+05	-0.02	-2238.85	0.0	-7533.95	7705.81	2113.48	-4.050e+05	-3.144e+05	-7.418e+05
		-7.418e+05	-3.144e+05	-0.31	0.0	47.8	-7533.95	6586.39	2113.48	-4.050e+05	-2.509e+05	-4.004e+05
						95.5	-7533.95	5466.96	2113.48	-4.050e+05	-1.875e+05	-1.125e+05
36	46	6.096e+04	7840.73	-0.05	-2238.85	0.0	-1064.52	6883.33	-60.00	-5.827e+04	7840.73	-4.896e+05
		-4.896e+05	-7084.79	-0.05	0.0	47.8	-1064.52	5763.90	-60.00	-5.827e+04	377.97	-1.876e+05
						95.5	-1064.52	4644.48	-60.00	-5.827e+04	-7084.79	6.096e+04
36	47	-3.116e+05	7511.15	-0.02	-2238.85	0.0	-2559.95	8795.95	64.43	4.774e+04	-7837.35	-1.045e+06
		-1.045e+06	-7837.35	0.04	0.0	47.8	-2559.95	7676.52	64.43	4.774e+04	-163.10	-6.514e+05
						95.5	-2559.95	6557.10	64.43	4.774e+04	7511.15	-3.116e+05
36	57	-1.284e+05	1.686e+05	-0.05	-2238.85	0.0	1243.63	7894.18	-1184.07	2.056e+05	1.686e+05	-7.752e+05
		-7.752e+05	1.007e+05	0.16	0.0	47.8	1243.63	6774.76	-1184.07	2.056e+05	1.347e+05	-4.251e+05
						95.5	1243.63	5655.33	-1184.07	2.056e+05	1.007e+05	-1.284e+05
36	60	-1.223e+05	-1.003e+05	-0.03	-2238.85	0.0	-4868.10	7785.10	1188.49	-2.161e+05	-1.686e+05	-7.590e+05
		-7.590e+05	-1.686e+05	-0.16	0.0	47.8	-4868.10	6665.67	1188.49	-2.161e+05	-1.345e+05	-4.139e+05
						95.5	-4868.10	5546.24	1188.49	-2.161e+05	-1.003e+05	-1.223e+05
36	69	-1.186e+05	155.04	-0.04	-2152.43	0.0	-1743.45	7442.96	2.33	-1145.75	-67.85	-7.266e+05
		-7.266e+05	-67.85	-8.83e-04	0.0	47.8	-1743.45	6366.74	2.33	-1145.75	43.59	-3.969e+05
						95.5	-1743.45	5290.52	2.33	-1145.75	155.04	-1.186e+05
36	70	-1.410e+05	348.83	-0.04	-2440.50	0.0	-1972.72	8765.23	1.94	-1.486e+04	163.97	-8.616e+05
		-8.616e+05	163.97	-9.30e-04	0.0	47.8	-1972.72	7544.98	1.94	-1.486e+04	256.40	-4.722e+05
						95.5	-1972.72	6324.73	1.94	-1.486e+04	348.83	-1.410e+05
36	71	-1.186e+05	155.04	-0.04	-2152.43	0.0	-1743.45	7442.96	2.33	-1145.75	-67.85	-7.266e+05
		-7.266e+05	-67.85	-8.83e-04	0.0	47.8	-1743.45	6366.74	2.33	-1145.75	43.59	-3.969e+05
						95.5	-1743.45	5290.52	2.33	-1145.75	155.04	-1.186e+05
36	72	-1.298e+05	251.94	-0.04	-2296.47	0.0	-1858.09	8104.10	2.13	-8005.34	48.06	-7.941e+05
		-7.941e+05	48.06	-9.07e-04	0.0	47.8	-1858.09	6955.86	2.13	-8005.34	150.00	-4.345e+05
						95.5	-1858.09	5807.63	2.13	-8005.34	251.94	-1.298e+05
36	73	-1.186e+05	155.04	-0.04	-2152.43	0.0	-1743.45	7442.96	2.33	-1145.75	-67.85	-7.266e+05
		-7.266e+05	-67.85	-8.83e-04	0.0	47.8	-1743.45	6366.74	2.33	-1145.75	43.59	-3.969e+05
						95.5	-1743.45	5290.52	2.33	-1145.75	155.04	-1.186e+05
36	74	-1.253e+05	213.18	-0.04	-2238.85	0.0	-1812.24	7839.64	2.21	-5261.50	1.69	-7.671e+05
		-7.671e+05	1.69	-8.97e-04	0.0	47.8	-1812.24	6720.21	2.21	-5261.50	107.44	-4.195e+05
						95.5	-1812.24	5600.79	2.21	-5261.50	213.18	-1.253e+05
37	1	-8.242e+04	3724.58	-7.08e-03	-408.47	0.0	-344.51	2764.39	-10.83	9.368e+04	3724.58	-2.130e+05
		-2.130e+05	3172.21	-4.21e-04	0.0	25.5	-344.51	2560.15	-10.83	9.368e+04	3448.40	-1.451e+05
						51.0	-344.51	2355.92	-10.83	9.368e+04	3172.21	-8.242e+04
37	2	-1.074e+05	4474.44	-9.00e-03	-436.04	0.0	-326.51	3502.62	-13.05	1.352e+05	4474.44	-2.749e+05
		-2.749e+05	3808.65	-4.28e-04	0.0	25.5	-326.51	3284.60	-13.05	1.352e+05	4141.54	-1.884e+05
						51.0	-326.51	3066.58	-13.05	1.352e+05	3808.65	-1.074e+05
37	3	-6.340e+04	2865.06	-5.45e-03	-314.21	0.0	-265.00	2126.46	-8.33	7.206e+04	2865.06	-1.639e+05
		-1.639e+05	2440.16	-3.24e-04	0.0	25.5	-265.00	1969.35	-8.33	7.206e+04	2652.61	-1.116e+05
						51.0	-265.00	1812.24	-8.33	7.206e+04	2440.16	-6.340e+04
37	4	-8.834e+04	3614.92	-7.37e-03	-341.78	0.0	-247.01	2864.69	-10.55	1.136e+05	3614.92	-2.258e+05
		-2.258e+05	3076.60	-3.31e-04	0.0	25.5	-247.01	2693.80	-10.55	1.136e+05	3345.76	-1.549e+05
						51.0	-247.01	2522.91	-10.55	1.136e+05	3076.60	-8.834e+04
37	21	7.771e+05	-1.082e+06	-0.05	-319.72	0.0	1280.83	-1178.76	3865.01	3.437e+04	-1.279e+06	7.771e+05
		7.088e+05	-1.279e+06	0.06	0.0	25.5	1280.83	-1338.62	3865.01	3.437e+04	-1.181e+06	7.450e+05
						51.0	1280.83	-1498.49	3865.01	3.437e+04	-1.082e+06	7.088e+05
37	24	-8.456e+05	1.285e+06	0.04	-319.72	0.0	-1803.64	5726.96	-3882.55	1.264e+05	1.285e+06	-1.130e+06
		-1.130e+06	1.088e+06	-0.06	0.0	25.5	-1803.64	5567.10	-3882.55	1.264e+05	1.186e+06	-9.856e+05
						51.0	-1803.64	5407.24	-3882.55	1.264e+05	1.088e+06	-8.456e+05
37	25	7.597e+05	-1.098e+06	-0.05	-319.72	0.0	1237.15	-1107.86	3940.41	2.689e+04	-1.298e+06	7.597e+05
		6.951e+05	-1.298e+06	0.05	0.0	25.5	1237.15	-1267.73	3940.41	2.689e+04	-1.198e+06	7.294e+05
						51.0	1237.15	-1427.59	3940.41	2.689e+04	-1.098e+06	6.951e+05
37	28	-8.319e+05	1.304e+06	0.04	-319.72	0.0	-1759.96	5656.07	-3957.95	1.338e+05	1.304e+06	-1.112e+06
		-1.112e+06	1.104e+06	-0.05	0.0	25.5	-1759.96	5496.20	-3957.95	1.338e+05	1.204e+06	-9.700e+05
						51.0	-1759.96	5336.34	-3957.95	1.338e+05	1.104e+06	-8.319e+05
37	53	3.512e+05	-5.736e+05	-0.03	-319.72	0.0	604.67	409.08	2041.10	5.553e+04	-6.774e+05	3.385e+05
		3.385e+05	-6.774e+05	0.03	0.0	25.5	604.67	249.22	2041.10	5.553e+04	-6.255e+05	3.469e+05
						51.0	604.67	89.36	2041.10	5.553e+04	-5.736e+05	3.512e+05
37	56	-4.880e+05	6.834e+05	0.02	-319.72	0.0	-1127.48	4139.12	-2058.64	1.052e+05	6.834e+05	-6.910e+05
		-6.910e+05	5.787e+05	-0.03	0.0	25.5	-1127.48	3979.26	-2058.64	1.052e+05	6.310e+05	-5.874e+05
						51.0	-1127.48	3819.40	-2058.64	1.052e+05	5.787e+05	-4.880e+05
37	57	3.433e+05	-5.830e+05	-0.03	-319.72	0.0	580.43	449.82	2085.52	5.120e+04	-6.886e+05	3.284e+05
		3.284e+05	-6.886e+05	0.03	0.0	25.5	580.43	289.95	2085.52	5.120e+04	-6.358e+05	3.379e+05
						51.0	580.43	130.09	2085.52	5.120e+04	-5.830e+05	3.433e+05
37	60	-4.801e+05	6.946e+05	0.02	-319.72	0.0	-1103.24	4098.39	-2103.07	1.095e+05	6.946e+05	-6.809e+05
		-6.809e+05	5.881e+05	-0.03	0.0	25.5	-1103.24	3938.52	-2103.07	1.095e+05	6.414e+05	-5.785e+05
						51.0	-1103.24	3778.66	-2103.07	1.095e+05	5.881e+05	-4.801e+05
37	69	-6.340e+04	2865.06	-5.45e-03	-314.21	0.0	-265.00	2126.46	-8.33	7.206e+04	2865.06	-1.639e+05
		-1.639e+05	2440.16	-3.24e-04	0.0	25.5	-265.00	1969.35	-8.33	7.206e+04	2652.61	-1.116e+05
						51.0	-265.00	1812.24	-8.33	7.206e+04	2440.16	-6.340e+04

37	70-8.003e+04	3364.97	-6.73e-03	-332.59	0.0	-253.01	2618.61	-9.81	9.973e+04	3364.97	-2.051e+05
	-2.051e+05	2864.45	-3.29e-04	0.0	25.5	-253.01	2452.31	-9.81	9.973e+04	3114.71	-1.405e+05
					51.0	-253.01	2286.02	-9.81	9.973e+04	2864.45	-8.003e+04
					0.0	-265.00	2126.46	-8.33	7.206e+04	2865.06	-1.639e+05
37	71-6.340e+04	2865.06	-5.45e-03	-314.21	0.0	-265.00	2126.46	-8.33	7.206e+04	2865.06	-1.639e+05
	-1.639e+05	2440.16	-3.24e-04	0.0	25.5	-265.00	1969.35	-8.33	7.206e+04	2652.61	-1.116e+05
					51.0	-265.00	1812.24	-8.33	7.206e+04	2440.16	-6.340e+04
					0.0	-259.01	2372.53	-9.07	8.590e+04	3115.01	-1.845e+05
37	72-7.171e+04	3115.01	-6.09e-03	-323.40	0.0	-259.01	2210.83	-9.07	8.590e+04	2883.66	-1.260e+05
	-1.845e+05	2652.31	-3.26e-04	0.0	25.5	-259.01	2049.13	-9.07	8.590e+04	2652.31	-7.171e+04
					51.0	-259.01	2049.13	-9.07	8.590e+04	2652.31	-7.171e+04
					0.0	-265.00	2126.46	-8.33	7.206e+04	2865.06	-1.639e+05
37	73-6.340e+04	2865.06	-5.45e-03	-314.21	0.0	-265.00	2126.46	-8.33	7.206e+04	2865.06	-1.639e+05
	-1.639e+05	2440.16	-3.24e-04	0.0	25.5	-265.00	1969.35	-8.33	7.206e+04	2652.61	-1.116e+05
					51.0	-265.00	1812.24	-8.33	7.206e+04	2440.16	-6.340e+04
					0.0	-261.41	2274.10	-8.77	8.036e+04	3015.03	-1.762e+05
37	74-6.839e+04	3015.03	-5.83e-03	-319.72	0.0	-261.41	2274.10	-8.77	8.036e+04	2791.24	-1.203e+05
	-1.762e+05	2567.45	-3.26e-04	0.0	25.5	-261.41	2114.24	-8.77	8.036e+04	2567.45	-6.839e+04
					51.0	-261.41	1954.38	-8.77	8.036e+04	2567.45	-6.839e+04
					0.0	-515.63	1622.64	32.30	1.554e+04	-6404.74	-9.127e+04
38	1-5.297e+04	-5591.93	5.28e-04	-201.49	12.6	-515.63	1521.90	32.30	1.554e+04	-5598.33	-7.149e+04
	-9.127e+04	-6404.74	-2.46e-04	0.0	25.2	-515.63	1421.15	32.30	1.554e+04	-5591.93	-5.297e+04
					0.0	-476.04	2153.95	40.14	4.222e+04	-7861.36	-1.237e+05
					12.6	-476.04	2046.41	40.14	4.222e+04	-7356.39	-9.732e+04
38	2-7.225e+04	-6851.41	6.20e-04	-215.09	12.6	-476.04	2046.41	40.14	4.222e+04	-7356.39	-9.732e+04
	-1.237e+05	-7861.36	-2.74e-04	0.0	25.2	-476.04	1938.86	40.14	4.222e+04	-6851.41	-7.225e+04
					0.0	-396.64	1248.19	24.85	1.196e+04	-4926.72	-7.021e+04
					12.6	-396.64	1170.69	24.85	1.196e+04	-4614.10	-5.499e+04
38	3-4.075e+04	-4301.49	4.06e-04	-154.99	25.2	-396.64	1093.19	24.85	1.196e+04	-4301.49	-4.075e+04
	-7.021e+04	-4926.72	-1.89e-04	0.0	0.0	-357.05	1779.50	32.68	3.864e+04	-6383.35	-1.027e+05

						25.2	-396.64	1093.19	24.85	1.196e+04	-4301.49	-4.075e+04
38	74	-4.461e+04	-4553.38	4.25e-04	-157.71	0.0	-388.72	1354.45	26.41	1.729e+04	-5218.05	-7.670e+04
		-7.670e+04	-5218.05	-1.95e-04	0.0	12.6	-388.72	1275.59	26.41	1.729e+04	-4885.71	-6.016e+04
						25.2	-388.72	1196.74	26.41	1.729e+04	-4553.38	-4.461e+04
39	1	-2.543e+04	7973.64	-9.55e-03	-759.80	0.0	-590.20	2441.05	-35.20	3.444e+04	7973.64	-2.210e+05
		-2.210e+05	4633.40	1.82e-04	0.0	47.4	-590.20	2061.15	-35.20	3.444e+04	6303.52	-1.142e+05
						94.9	-590.20	1681.25	-35.20	3.444e+04	4633.40	-2.543e+04
39	2	-2.827e+04	8745.76	-0.01	-811.08	0.0	-568.52	3018.33	-38.67	6.207e+04	8745.76	-2.762e+05
		-2.762e+05	5076.75	2.16e-04	0.0	47.4	-568.52	2612.79	-38.67	6.207e+04	6911.26	-1.426e+05
						94.9	-568.52	2207.25	-38.67	6.207e+04	5076.75	-2.827e+04
39	3	-1.956e+04	6133.57	-7.35e-03	-584.46	0.0	-454.00	1877.73	-27.08	2.649e+04	6133.57	-1.700e+05
		-1.700e+05	3564.15	1.40e-04	0.0	47.4	-454.00	1585.50	-27.08	2.649e+04	4848.86	-8.785e+04
						94.9	-454.00	1293.27	-27.08	2.649e+04	3564.15	-1.956e+04
39	4	-2.240e+04	6905.69	-9.46e-03	-635.74	0.0	-432.32	2455.01	-30.54	5.413e+04	6905.69	-2.252e+05
		-2.252e+05	4007.51	1.74e-04	0.0	47.4	-432.32	2137.14	-30.54	5.413e+04	5456.60	-1.163e+05
						94.9	-432.32	1819.27	-30.54	5.413e+04	4007.51	-2.240e+04
39	5	3.627e+05	-7.453e+05	-0.03	-594.72	0.0	2735.10	-210.99	4138.86	-3.634e+04	-1.122e+06	3.627e+05
		3.149e+05	-1.122e+06	0.03	0.0	47.4	2735.10	-508.35	4138.86	-3.634e+04	-9.338e+05	3.458e+05
						94.9	2735.10	-805.71	4138.86	-3.634e+04	-1.376e+06	3.149e+05
39	8	-3.551e+05	1.135e+06	0.01	-594.72	0.0	-3634.44	4197.36	-4194.40	1.004e+05	1.135e+06	-7.247e+05
		-7.247e+05	7.526e+05	-0.03	0.0	47.4	-3634.44	3900.00	-4194.40	1.004e+05	9.438e+05	-5.329e+05
						94.9	-3634.44	3602.65	-4194.40	1.004e+05	7.526e+05	-3.551e+05
39	21	1.027e+06	-8.431e+05	-0.07	-594.72	0.0	1272.95	-2953.26	5664.21	2.407e+04	-1.376e+06	1.027e+06
		7.185e+05	-1.376e+06	0.15	0.0	47.4	1272.95	-3250.62	5664.21	2.407e+04	-1.109e+06	8.797e+05
						94.9	1272.95	-3547.98	5664.21	2.407e+04	-8.431e+05	7.185e+05
39	24	-7.588e+05	1.388e+06	0.05	-594.72	0.0	-2172.28	6939.64	-5719.75	3.997e+04	1.388e+06	-1.389e+06
		-1.389e+06	8.504e+05	-0.15	0.0	47.4	-2172.28	6642.28	-5719.75	3.997e+04	1.119e+06	-1.067e+06
						94.9	-2172.28	6344.92	-5719.75	3.997e+04	8.504e+05	-7.588e+05
39	37	1.641e+05	-4.195e+05	-0.02	-594.72	0.0	1389.04	785.29	2309.44	-7322.03	-6.296e+05	1.176e+05
		1.176e+05	-6.296e+05	0.02	0.0	47.4	1389.04	487.93	2309.44	-7322.03	-5.245e+05	1.479e+05
						94.9	1389.04	190.57	2309.44	-7322.03	-4.195e+05	1.641e+05
39	40	-2.044e+05	6.422e+05	6.24e-03	-594.72	0.0	-2288.37	3201.08	-2364.98	7.136e+04	6.422e+05	-4.797e+05
		-4.797e+05	4.268e+05	-0.02	0.0	47.4	-2288.37	2903.72	-2364.98	7.136e+04	5.345e+05	-3.350e+05
						94.9	-2288.37	2606.36	-2364.98	7.136e+04	4.268e+05	-2.044e+05
39	53	4.694e+05	-4.523e+05	-0.04	-594.72	0.0	544.12	-670.10	3023.05	2.739e+04	-7.364e+05	4.694e+05
		3.776e+05	-7.364e+05	0.08	0.0	47.4	544.12	-967.46	3023.05	2.739e+04	-5.944e+05	4.305e+05
						94.9	544.12	-1264.82	3023.05	2.739e+04	-4.523e+05	3.776e+05
39	56	-4.179e+05	7.490e+05	0.02	-594.72	0.0	-1443.45	4656.48	-3078.60	3.665e+04	7.490e+05	-8.314e+05
		-8.314e+05	4.596e+05	-0.08	0.0	47.4	-1443.45	4359.12	-3078.60	3.665e+04	6.043e+05	-6.176e+05
						94.9	-1443.45	4061.76	-3078.60	3.665e+04	4.596e+05	-4.179e+05
39	69	-1.956e+04	6133.57	-7.35e-03	-584.46	0.0	-454.00	1877.73	-27.08	2.649e+04	6133.57	-1.700e+05
		-1.700e+05	3564.15	1.40e-04	0.0	47.4	-454.00	1585.50	-27.08	2.649e+04	4848.86	-8.785e+04
						94.9	-454.00	1293.27	-27.08	2.649e+04	3564.15	-1.956e+04
39	70	-2.145e+04	6648.32	-8.76e-03	-618.65	0.0	-439.55	2262.58	-29.39	4.492e+04	6648.32	-2.068e+05
		-2.068e+05	3859.72	1.63e-04	0.0	47.4	-439.55	1953.26	-29.39	4.492e+04	5254.02	-1.068e+05
						94.9	-439.55	1643.94	-29.39	4.492e+04	3859.72	-2.145e+04
39	71	-1.956e+04	6133.57	-7.35e-03	-584.46	0.0	-454.00	1877.73	-27.08	2.649e+04	6133.57	-1.700e+05
		-1.700e+05	3564.15	1.40e-04	0.0	47.4	-454.00	1585.50	-27.08	2.649e+04	4848.86	-8.785e+04
						94.9	-454.00	1293.27	-27.08	2.649e+04	3564.15	-1.956e+04
39	72	-2.051e+04	6390.94	-8.05e-03	-601.55	0.0	-446.77	2070.16	-28.23	3.570e+04	6390.94	-1.884e+05
		-1.884e+05	3711.94	1.51e-04	0.0	47.4	-446.77	1769.38	-28.23	3.570e+04	5051.44	-9.732e+04
						94.9	-446.77	1468.60	-28.23	3.570e+04	3711.94	-2.051e+04
39	73	-1.956e+04	6133.57	-7.35e-03	-584.46	0.0	-454.00	1877.73	-27.08	2.649e+04	6133.57	-1.700e+05
		-1.700e+05	3564.15	1.40e-04	0.0	47.4	-454.00	1585.50	-27.08	2.649e+04	4848.86	-8.785e+04
						94.9	-454.00	1293.27	-27.08	2.649e+04	3564.15	-1.956e+04
39	74	-2.013e+04	6287.99	-7.77e-03	-594.72	0.0	-449.67	1993.19	-27.77	3.202e+04	6287.99	-1.810e+05
		-1.810e+05	3652.82	1.47e-04	0.0	47.4	-449.67	1695.83	-27.77	3.202e+04	4970.41	-9.353e+04
						94.9	-449.67	1398.47	-27.77	3.202e+04	3652.82	-2.013e+04
40	1	9605.77	2357.63	-0.02	-812.85	0.0	-371.68	2458.86	-10.13	-3.302e+04	2357.63	-1.987e+05
		-1.987e+05	1329.76	-4.91e-05	0.0	50.8	-371.68	2052.43	-10.13	-3.302e+04	1843.70	-8.426e+04
						101.5	-371.68	1646.01	-10.13	-3.302e+04	1329.76	9605.77
40	2	5943.90	2603.20	-0.03	-867.71	0.0	-337.06	3062.02	-11.25	-9766.63	2603.20	-2.609e+05
		-2.609e+05	1461.54	-3.67e-05	0.0	50.8	-337.06	2628.16	-11.25	-9766.63	2032.37	-1.164e+05
						101.5	-337.06	2194.31	-11.25	-9766.63	1461.54	5943.90
40	3	7389.05	1813.56	-0.02	-625.27	0.0	-285.91	1891.43	-7.79	-2.540e+04	1813.56	-1.529e+05
		-1.529e+05	1022.89	-3.78e-05	0.0	50.8	-285.91	1578.79	-7.79	-2.540e+04	1418.23	-6.481e+04
						101.5	-285.91	1266.16	-7.79	-2.540e+04	1022.89	7389.05
40	4	3727.18	2059.13	-0.02	-680.13	0.0	-251.29	2494.59	-8.91	-2146.55	2059.13	-2.150e+05
		-2.150e+05	1154.67	3.16e-05	0.0	50.8	-251.29	2154.53	-8.91	-2146.55	1606.90	-9.700e+04
						101.5	-251.29	1814.46	-8.91	-2146.55	1154.67	3727.18
40	5	3.441e+05	7.580e+05	-0.05	-636.24	0.0	1325.79	1518.45	-3854.81	1.317e+05	7.580e+05	3.422e+05
		3.259e+05	3.691e+05	0.16	0.0	50.8	1325.79	1200.33	-3854.81	1.317e+05	5.636e+05	3.421e+05
						101.5	1325.79	882.21	-3854.81	1.317e+05	3.691e+05	3.259e+05
40	6	-7.156e+04	1.170e+06	3.93e-03	-636.24	0.0	603.08	3871.57	-5655.78	1.270e+05	1.170e+06	-2.940e+05
		-2.940e+05	5.990e+05	0.12	0.0	50.8	603.08	3553.45	-5655.78	1.270e+05	8.845e+05	-1.747e+05
						101.5	603.08	3235.32	-5655.78	1.270e+05	5.990e+05	-7.156e+04
40	7	8.488e+04	-5.969e+05	-0.04	-636.24	0.0	-1161.05	152.56	5639.75	-1.685e+05	-1.166e+06	-3.660e+04

		-3.660e+04	-1.166e+06	-0.12	0.0	50.8	-1161.05	-165.56	5639.75	-1.685e+05	-8.816e+05	3.221e+04
						101.5	-1161.05	-483.68	5639.75	-1.685e+05	-5.969e+05	8.488e+04
40		8	-3.125e+05	-3.670e+05	0.02	-636.24	0.0	-1883.76	2505.67	3838.78	-1.732e+05	-7.543e+05
			-6.728e+05	-7.543e+05	-0.16	0.0	50.8	-1883.76	2187.55	3838.78	-1.732e+05	-5.607e+05
						101.5	-1883.76	1869.43	3838.78	-1.732e+05	-3.670e+05	-3.125e+05
40	21	9.518e+05	-2.372e+05	-0.11	-636.24	0.0	1298.56	-1704.92	1569.42	3.214e+04	-3.962e+05	9.518e+05
			7.052e+05	-3.962e+05	0.12	0.0	50.8	1298.56	-2023.04	1569.42	3.214e+04	-3.167e+05
						101.5	1298.56	-2341.16	1569.42	3.214e+04	-2.372e+05	7.052e+05
40	24	-6.919e+05	3.999e+05	0.07	-636.24	0.0	-1856.53	5729.04	-1585.45	-7.364e+04	3.999e+05	-1.282e+06
			-1.282e+06	2.393e+05	-0.12	0.0	50.8	-1856.53	5410.92	-1585.45	-7.364e+04	3.196e+05
						101.5	-1856.53	5092.80	-1585.45	-7.364e+04	2.393e+05	-6.919e+05
40	37	1.817e+05	4.445e+05	-0.04	-636.24	0.0	649.27	1752.83	-2254.63	6.699e+04	4.445e+05	1.123e+05
			1.123e+05	2.170e+05	0.09	0.0	50.8	649.27	1434.71	-2254.63	6.699e+04	3.308e+05
						101.5	649.27	1116.59	-2254.63	6.699e+04	2.170e+05	1.817e+05
40	38	-3.403e+04	6.618e+05	-8.04e-03	-636.24	0.0	238.38	3025.73	-3204.49	6.443e+04	6.618e+05	-2.325e+05
			-2.325e+05	3.384e+05	0.07	0.0	50.8	238.38	-3204.49	6.443e+04	5.001e+05	-1.252e+05
						101.5	238.38	2389.49	-3204.49	6.443e+04	3.384e+05	-3.403e+04
40	39	4.734e+04	-3.363e+05	-0.03	-636.24	0.0	-796.35	998.39	3188.47	-1.059e+05	-6.581e+05	-9.808e+04
			-9.808e+04	-6.581e+05	-0.07	0.0	50.8	-796.35	3188.47	-1.059e+05	-4.972e+05	-1.730e+04
						101.5	-796.35	362.15	3188.47	-1.059e+05	-3.363e+05	4.734e+04
40	40	-1.683e+05	-2.149e+05	4.03e-03	-636.24	0.0	-1207.24	2271.29	2238.60	-1.085e+05	-4.408e+05	-4.429e+05
			-4.429e+05	-4.408e+05	-0.09	0.0	50.8	-1207.24	2238.60	-1.085e+05	-3.278e+05	-2.976e+05
						101.5	-1207.24	1635.05	2238.60	-1.085e+05	-2.149e+05	-1.683e+05
40	53	4.410e+05	-1.182e+05	-0.07	-636.24	0.0	622.68	3.72	758.63	9449.00	-1.950e+05	4.410e+05
			3.863e+05	-1.950e+05	0.07	0.0	50.8	622.68	758.63	9449.00	-1.566e+05	4.217e+05
						101.5	622.68	-632.52	758.63	9449.00	-1.182e+05	3.863e+05
40	56	-3.730e+05	1.987e+05	0.03	-636.24	0.0	-1180.65	4020.40	-774.65	-5.095e+04	1.987e+05	-7.716e+05
			-7.716e+05	1.203e+05	-0.07	0.0	50.8	-1180.65	-774.65	-5.095e+04	1.595e+05	-5.642e+05
						101.5	-1180.65	3384.16	-774.65	-5.095e+04	1.203e+05	-3.730e+05
40	69	7389.05	1813.56	-0.02	-625.27	0.0	-285.91	1891.43	-7.79	-2.540e+04	1813.56	-1.529e+05
			-1.529e+05	1022.89	-3.78e-05	0.0	50.8	-285.91	-7.79	-2.540e+04	1418.23	-6.481e+04
						101.5	-285.91	1266.16	-7.79	-2.540e+04	1022.89	7389.05
40	70	4947.81	1977.28	-0.02	-661.85	0.0	-262.83	2293.54	-8.54	-9897.78	1977.28	-1.943e+05
			-1.943e+05	1110.75	-2.94e-05	0.0	50.8	-262.83	-8.54	-9897.78	1544.01	-8.627e+04
						101.5	-262.83	1631.69	-8.54	-9897.78	1110.75	4947.81
40	71	7389.05	1813.56	-0.02	-625.27	0.0	-285.91	1891.43	-7.79	-2.540e+04	1813.56	-1.529e+05
			-1.529e+05	1022.89	-3.78e-05	0.0	50.8	-285.91	-7.79	-2.540e+04	1418.23	-6.481e+04
						101.5	-285.91	1266.16	-7.79	-2.540e+04	1022.89	7389.05
40	72	6168.43	1895.42	-0.02	-643.56	0.0	-274.37	2092.48	-8.16	-1.765e+04	1895.42	-1.736e+05
			-1.736e+05	1066.82	-3.33e-05	0.0	50.8	-274.37	-8.16	-1.765e+04	1481.12	-7.554e+04
						101.5	-274.37	1448.93	-8.16	-1.765e+04	1066.82	6168.43
40	73	7389.05	1813.56	-0.02	-625.27	0.0	-285.91	1891.43	-7.79	-2.540e+04	1813.56	-1.529e+05
			-1.529e+05	1022.89	-3.78e-05	0.0	50.8	-285.91	-7.79	-2.540e+04	1418.23	-6.481e+04
						101.5	-285.91	1266.16	-7.79	-2.540e+04	1022.89	7389.05
40	74	6656.68	1862.68	-0.02	-636.24	0.0	-278.98	2012.06	-8.01	-2.075e+04	1862.68	-1.653e+05
			-1.653e+05	1049.25	-3.49e-05	0.0	50.8	-278.98	-8.01	-2.075e+04	1455.96	-7.125e+04
						101.5	-278.98	1375.82	-8.01	-2.075e+04	1049.25	6656.68
41	2	-2.090e+05	-947.82	-0.06	-3012.42	0.0	-1887.48	1.138e+04	10.15	2.764e+04	-1916.78	-1.152e+06
			-1.152e+06	-1916.78	-1.56e-03	0.0	47.8	-1887.48	10.15	2.764e+04	-1432.30	-6.446e+05
						95.5	-1887.48	8368.86	10.15	2.764e+04	-947.82	-2.090e+05
41	3	-1.325e+05	-507.48	-0.04	-2011.27	0.0	-1261.40	7267.39	6.41	5010.64	-1119.84	-7.305e+05
			-7.305e+05	-1119.84	-1.12e-03	0.0	47.8	-1261.40	6.41	5010.64	-813.66	-4.075e+05
						95.5	-1261.40	5256.11	6.41	5010.64	-507.48	-1.325e+05
41	5	3.030e+05	-5.345e+04	-0.09	-2090.83	0.0	3088.52	5646.41	1501.05	8.504e+04	-2.104e+05	-1.369e+05
			-1.369e+05	-2.104e+05	0.09	0.0	47.8	3088.52	1501.05	8.504e+04	-1.319e+05	1.080e+05
						95.5	3088.52	3555.58	1501.05	8.504e+04	-5.345e+04	3.030e+05
41	6	2.485e+05	-1.532e+05	-0.09	-2090.83	0.0	5264.65	5953.49	2417.71	-1.432e+05	-3.536e+05	-2.206e+05
			-2.206e+05	-3.536e+05	-0.09	0.0	47.8	5264.65	2417.71	-1.432e+05	-2.534e+05	3.895e+04
						95.5	5264.65	3862.66	2417.71	-1.432e+05	-1.532e+05	2.485e+05
41	7	-5.283e+05	3.512e+05	0.02	-2090.83	0.0	-7886.52	9354.75	-2404.16	1.617e+05	3.512e+05	-1.321e+06
			-1.321e+06	1.521e+05	0.09	0.0	47.8	-7886.52	-2404.16	1.617e+05	2.517e+05	-8.999e+05
						95.5	-7886.52	7263.93	-2404.16	1.617e+05	1.521e+05	-5.283e+05
41	8	-5.828e+05	2.080e+05	0.01	-2090.83	0.0	-5710.39	9661.84	-1487.50	-6.657e+04	2.080e+05	-1.405e+06
			-1.405e+06	5.232e+04	-0.09	0.0	47.8	-5710.39	-1487.50	-6.657e+04	1.302e+05	-9.690e+05
						95.5	-5710.39	7571.01	-1487.50	-6.657e+04	5.232e+04	-5.828e+05
41	37	1.143e+05	-3.129e+04	-0.07	-2090.83	0.0	1260.79	6502.07	875.56	4.856e+04	-1.237e+05	-4.071e+05
			-4.071e+05	-1.237e+05	0.04	0.0	47.8	1260.79	875.56	4.856e+04	-7.748e+04	-1.215e+05
						95.5	1260.79	4411.24	875.56	4.856e+04	-3.129e+04	1.143e+05
41	38	8.485e+04	-8.463e+04	-0.07	-2090.83	0.0	2408.94	6669.55	1391.99	-7.181e+04	-1.997e+05	-4.525e+05
			-4.525e+05	-1.997e+05	-0.05	0.0	47.8	2408.94	1391.99	-7.181e+04	-1.422e+05	-1.588e+05
						95.5	2408.94	4578.72	1391.99	-7.181e+04	-8.463e+04	8.485e+04
41	39	-3.646e+05	1.973e+05	-0.01	-2090.83	0.0	-5030.81	8638.69	-1378.45	9.028e+04	1.973e+05	-1.090e+06
			-1.090e+06	8.350e+04	0.05	0.0	47.8	-5030.81	-1378.45	9.028e+04	1.404e+05	-7.021e+05
						95.5	-5030.81	6547.86	-1378.45	9.028e+04	8.350e+04	-3.646e+05
41	40	-3.941e+05	1.212e+05	-0.02	-2090.83	0.0	-3882.66	8806.17	-862.01	-3.008e+04	1.212e+05	-1.135e+06
			-1.135e+06	3.016e+04	-0.05	0.0	47.8	-3882.66	-862.01	-3.008e+04	7.570e+04	-7.395e+05
						95.5	-3882.66	6715.35	-862.01	-3.008e+04	3.016e+04	-3.941e+05

41	69-1.325e+05 -7.305e+05	-507.48 -1119.84	-0.04 -1.12e-03	-2011.27 0.0	0.0 47.8	-1261.40 1261.40	7267.39 6261.75	6.41 6.41	5010.64 5010.64	-1119.84-7.305e+05 -813.66-4.075e+05
41	70-1.570e+05 -8.655e+05	-699.55 -1427.17	-0.05 -1.19e-03	-2276.45 0.0	0.0 47.8	-1261.40 -1426.51	5256.11 8556.50	6.41 7.62	5010.64 1.910e+04	-507.48-1.325e+05 -1427.17-8.655e+05
41	71-1.325e+05 -7.305e+05	-507.48 -1119.84	-0.04 -1.12e-03	-2011.27 0.0	0.0 47.8	-1261.40 -1261.40	7267.39 6261.75	6.41 6.41	5010.64 5010.64	-1119.84-7.305e+05 -813.66-4.075e+05
41	72-1.448e+05 -7.980e+05	-603.51 -1273.51	-0.04 -1.15e-03	-2143.86 0.0	0.0 47.8	-1261.40 -1343.96	5256.11 7911.94	6.41 7.02	5010.64 1.205e+04	-507.48-1.325e+05 -1273.51-7.980e+05
41	73-1.325e+05 -7.305e+05	-507.48 -1119.84	-0.04 -1.12e-03	-2011.27 0.0	0.0 47.8	-1261.40 -1261.40	7267.39 6261.75	6.41 6.41	5010.64 5010.64	-1119.84-7.305e+05 -813.66-4.075e+05
41	74-1.399e+05 -7.710e+05	-565.10 -1212.04	-0.04 -1.14e-03	-2090.83 0.0	0.0 47.8	-1261.40 -1310.94	5256.11 7654.12	6.41 6.77	5010.64 9236.13	-507.48-1.325e+05 -1212.04-7.710e+05
42	2-3.323e+05 -9.058e+05	-1155.92 -1412.76	-0.02 -8.25e-04	-2066.11 0.0	0.0 32.8	-2164.97 -2164.97	9788.58 8755.53	3.92 3.92	5.729e+04 5.729e+04	-1412.76-9.058e+05 -1284.34-6.022e+05
42	3-2.096e+05 -5.702e+05	-821.15 -995.46	-0.01 -5.84e-04	-1379.46 0.0	0.0 32.8	-2164.97 -1454.30	7722.47 6194.97	3.92 2.66	5.729e+04 1.859e+04	-1155.92-3.323e+05 -995.46-5.702e+05
42	9 3.177e+05 1.432e+05 9.291e+04 1.259e+05	-0.05 6.98e-03	-1434.02 0.0	0.0 32.8	0.0 1238.42	1238.42 1238.42	4147.88 3430.87	-352.98 -352.98	1.442e+05 1.432e+05 1.442e+05 1.346e+05	9.291e+04 1.259e+05 2.170e+05 2.170e+05
42	12-7.608e+05-1.276e+05 -1.299e+06-1.452e+05	0.03 -8.17e-03	-1434.02 0.0	0.0 32.8	0.0 -4256.77	-4256.77 -4256.77	8936.11 8219.10	358.49 358.49	-9.374e+04-1.452e+05 -9.374e+04-1.364e+05	-1.299e+06-1.452e+05 -1.018e+06-7.608e+05
42	21-3.843e+04 3.210e+05 -3.677e+05 2.598e+05	-0.02 0.06	-1434.02 0.0	0.0 32.8	0.0 -4547.49	-4547.49 -4547.49	5740.82 5023.81	921.23 921.23	3.125e+05 2.598e+05 3.125e+05 3.210e+05	-3.677e+05 2.598e+05 -3.843e+04-3.843e+04
42	22-8.657e+04-2.157e+05 -4.277e+05-2.918e+05	-0.02 -0.08	-1434.02 0.0	0.0 32.8	0.0 3883.61	3883.61 3883.61	5928.87 5211.85	-1277.93 -1277.93	-2.462e+05-2.157e+05 -2.462e+05-2.538e+05	-4.277e+05-2.918e+05 -2.454e+05-8.657e+04
42	23-3.566e+05 2.902e+05 -7.785e+05 2.136e+05	4.47e-03 0.08	-1434.02 0.0	0.0 32.8	0.0 -6901.97	-6901.97 -6901.97	7155.13 6438.12	1283.44 1283.44	2.966e+05 2.136e+05 2.966e+05 2.519e+05	-7.785e+05 2.136e+05 -5.558e+05-3.566e+05
42	24-4.047e+05-2.619e+05 -8.385e+05-3.227e+05	3.06e-03 -0.06	-1434.02 0.0	0.0 32.8	0.0 1529.13	1529.13 1529.13	7343.17 6626.16	-915.72 -915.72	-2.621e+05-2.619e+05 -2.621e+05-2.923e+05	-8.385e+05-3.227e+05 -6.099e+05-4.047e+05
42	38 7.947e+04 4798.25 -2.142e+05-2.023e+04	-0.03 -0.02	-1434.02 0.0	0.0 32.8	0.0 1410.42	1410.42 1410.42	5201.74 4484.73	-505.21 -505.21	-4814.10 4798.25 -4814.10 -7716.94	-2.142e+05-2.023e+04 -5.565e+04-7.947e+04
42	39-5.226e+05 1.855e+04 -9.920e+05 -6836.64	0.01 0.02	-1434.02 0.0	0.0 32.8	0.0 -4428.78	-4428.78 -4428.78	7882.26 7165.24	510.72 510.72	5.525e+04 5.525e+04 5.525e+04 1.855e+04	-6836.64-9.920e+05 5858.91-7.456e+05
42	41 8.842e+04 7.916e+04 -2.030e+05 6.893e+04	-0.03 3.03e-03	-1434.02 0.0	0.0 32.8	0.0 120.47	120.47 120.47	5165.52 4448.51	-193.43 -193.43	8.888e+04 7.916e+04 8.888e+04 7.405e+04	-2.030e+05 6.893e+04 -4.554e+04-8.842e+04
42	44-5.316e+05-7.060e+04 -1.003e+06-8.120e+04	0.01 -4.22e-03	-1434.02 0.0	0.0 32.8	0.0 -3138.83	-3138.83 -3138.83	7918.47 7201.46	198.94 198.94	-3.845e+04-8.120e+04 -3.845e+04-7.590e+04	-1.003e+06-8.120e+04 -7.557e+05-1.163e+05
42	53-1.163e+05 1.725e+05 -4.678e+05 1.405e+05	-0.02 0.03	-1434.02 0.0	0.0 32.8	0.0 -3059.94	-3059.94 -3059.94	6081.31 5364.30	485.61 485.61	1.784e+05 1.405e+05 1.784e+05 1.565e+05	-4.678e+05 1.405e+05 -2.803e+05-1.163e+05
42	56-3.269e+05-1.425e+05 -7.385e+05-1.742e+05	-5.52e-03 -0.03	-1434.02 0.0	0.0 32.8	0.0 41.59	41.59 41.59	7002.68 6285.67	-480.11 -480.11	-1.280e+05-1.425e+05 -1.280e+05-1.584e+05	-7.385e+05-1.742e+05 -5.209e+05-3.269e+05
42	69-2.096e+05 -821.15 -5.702e+05 -995.46	-0.01 -5.84e-04	-1379.46 0.0	0.0 32.8	0.0 -1454.30	-1454.30 -1454.30	6194.97 5505.24	2.66 2.66	1.859e+04 1.859e+04 1.859e+04 821.15	-995.46-5.702e+05 -908.31-3.786e+05
42	70-2.495e+05 -880.10 -6.799e+05 -1074.57	-0.01 -6.28e-04	-1561.33 0.0	0.0 32.8	0.0 -1637.22	-1637.22 -1637.22	7351.72 6571.05	2.97 2.97	4.067e+04 4.067e+04 4.067e+04 -880.10	-1074.57-6.799e+05 -977.33-4.519e+05
42	71-2.096e+05 -821.15 -5.702e+05 -995.46	-0.01 -5.84e-04	-1379.46 0.0	0.0 32.8	0.0 -1454.30	-1454.30 -1454.30	6194.97 5505.24	2.66 2.66	1.859e+04 1.859e+04 1.859e+04 -821.15	-995.46-5.702e+05 -908.31-3.786e+05
42	72-2.296e+05 -850.62 -6.251e+05 -1035.02	-0.01 -6.06e-04	-1470.40 0.0	0.0 32.8	0.0 -1545.76	-1545.76 -1545.76	6773.35 6038.15	2.82 2.82	2.963e+04 2.963e+04 2.963e+04 -1035.02	-850.62-2.296e+05 -942.82-4.153e+05
42	73-2.096e+05 -821.15 -5.702e+05 -995.46	-0.01 -5.84e-04	-1379.46 0.0	0.0 32.8	0.0 -1454.30	-1454.30 -1454.30	6194.97 5505.24	2.66 2.66	1.859e+04 1.859e+04 1.859e+04 -821.15	-995.46-5.702e+05 -908.31-3.786e+05
42	74-2.216e+05 -838.84 -6.031e+05 -1019.20	-0.01 -5.97e-04	-1434.02 0.0	0.0 32.8	0.0 -1509.18	-1509.18 -1509.18	6542.00 5824.99	2.75 2.75	2.522e+04 2.522e+04 2.522e+04 -1019.20	-6.031e+05 -1019.20 -929.02-4.006e+05

43	2-6.183e+05	-4286.90	-0.01	-1119.80	65.5	-1509.18	5107.97	2.75	2.522e+04	-838.84	-2.216e+05
	-9.629e+05	-4584.03	3.75e-04	0.0	0.0	-2376.20	1.027e+04	8.37	7.089e+04	-4584.03	-9.629e+05
					17.8	-2376.20	9706.78	8.37	7.089e+04	-4435.46	-7.856e+05
43	3-3.911e+05	-3097.68	-6.49e-03	-747.65	35.5	-2376.20	9146.88	8.37	7.089e+04	-4286.90	-6.183e+05
	-6.076e+05	-3307.37	2.91e-04	0.0	0.0	-1594.32	6471.33	5.91	2.439e+04	-3307.37	-6.076e+05
					17.8	-1594.32	6097.50	5.91	2.439e+04	-3202.53	-4.960e+05
43	9 2.012e+05	1.008e+05	-0.03	-777.22	35.5	-1594.32	5723.68	5.91	2.439e+04	-3097.68	-3.911e+05
	5.672e+04	8.925e+04	4.98e-03	0.0	0.0	-202.89	4457.25	287.37	1.147e+05	8.925e+04	5.672e+04
					17.8	-202.89	4068.64	287.37	1.147e+05	9.503e+04	1.324e+05
43	12-1.027e+06	-9.598e+04	0.01	-777.22	35.5	-202.89	3680.04	287.37	1.147e+05	1.008e+05	2.012e+05
	-1.341e+06	-1.071e+05	-4.39e-03	0.0	0.0	-3107.18	9226.98	-275.28	-5.024e+04	-9.598e+04	-1.341e+06
					17.8	-3107.18	8838.37	-275.28	-5.024e+04	-1.015e+05	-1.181e+06
43	22-2.063e+05	6.114e+04	-0.01	-777.22	35.5	-3107.18	8449.76	-275.28	-5.024e+04	-1.071e+05	-1.027e+06
	-4.070e+05	-3.215e+04	0.06	0.0	0.0	3295.70	6041.31	-2251.17	1.197e+05	6.114e+04	-4.070e+05
					17.8	3295.70	5652.70	-2251.17	1.197e+05	1.449e+04	-3.032e+05
43	23-6.198e+05	2.585e+04	-1.20e-03	-777.22	35.5	3295.70	5264.09	-2251.17	1.197e+05	-3.215e+04	-2.063e+05
	-8.773e+05	-6.786e+04	-0.06	0.0	0.0	-6605.77	7642.93	2263.26	-5.524e+04	-6.786e+04	-8.773e+05
					17.8	-6605.77	7254.32	2263.26	-5.524e+04	-2.101e+04	-7.451e+05
43	29-2.020e+05	1.606e+05	-0.01	-777.22	35.5	-6605.77	6865.71	2263.26	-5.524e+04	2.585e+04	-6.198e+05
	-4.017e+05	1.024e+05	-0.03	0.0	0.0	-4974.47	6013.05	1886.18	1.140e+05	1.024e+05	-4.017e+05
					17.8	-4974.47	5624.44	1886.18	1.140e+05	1.315e+05	-2.984e+05
43	32-6.242e+05	-1.091e+05	1.27e-03	-777.22	35.5	-4974.47	5235.83	1886.18	1.140e+05	1.606e+05	-2.020e+05
	-8.827e+05	-1.669e+05	0.03	0.0	0.0	1664.40	7671.18	-1874.09	-4.953e+04	-1.091e+05	-8.827e+05
					17.8	1664.40	7282.58	-1874.09	-4.953e+04	-1.380e+05	-7.500e+05
43	41-5.989e+04	5.551e+04	-0.02	-777.22	35.5	1664.40	6893.97	-1874.09	-4.953e+04	-1.669e+05	-6.242e+05
	-2.403e+05	4.962e+04	3.18e-03	0.0	0.0	-758.82	5470.86	143.04	7.791e+04	4.962e+04	-2.403e+05
					17.8	-758.82	5082.25	143.04	7.791e+04	5.256e+04	-1.467e+05
43	44-7.662e+05	-5.634e+04	4.60e-03	-777.22	35.5	-758.82	4693.64	143.04	7.791e+04	5.551e+04	-5.989e+04
	-1.044e+06	-6.181e+04	-2.60e-03	0.0	0.0	-2551.25	8213.38	-130.95	-1.346e+04	-5.634e+04	-1.044e+06
					17.8	-2551.25	7824.77	-130.95	-1.346e+04	-5.908e+04	-9.017e+05
43	54-2.943e+05	3.256e+04	-0.01	-777.22	35.5	-2551.25	7436.16	-130.95	-1.346e+04	-6.181e+04	-7.662e+05
	-5.071e+05	-1.791e+04	0.03	0.0	0.0	999.47	6382.37	-1206.30	8.036e+04	3.256e+04	-5.071e+05
					17.8	999.47	5993.76	-1206.30	8.036e+04	7324.75	-3.973e+05
43	55-5.318e+05	1.161e+04	-3.61e-03	-777.22	35.5	999.47	5605.15	-1206.30	8.036e+04	-1.791e+04	-2.943e+05
	-7.772e+05	-3.929e+04	-0.03	0.0	0.0	-4309.53	7301.87	1218.39	-1.590e+04	-3.929e+04	-7.772e+05
					17.8	-4309.53	6913.26	1218.39	-1.590e+04	-1.384e+04	-6.510e+05
43	61-2.923e+05	8.746e+04	-0.01	-777.22	35.5	-4309.53	6524.65	1218.39	-1.590e+04	1.161e+04	-5.318e+05
	-5.046e+05	5.653e+04	-0.01	0.0	0.0	-3370.23	6367.68	1006.74	7.764e+04	5.653e+04	-5.046e+05
					17.8	-3370.23	5979.07	1006.74	7.764e+04	7.200e+04	-3.950e+05
43	64-5.338e+05	-6.326e+04	-3.05e-03	-777.22	35.5	-3370.23	5590.46	1006.74	7.764e+04	8.746e+04	-2.923e+05
	-7.797e+05	-9.376e+04	0.01	0.0	0.0	60.17	7316.56	-994.65	-1.319e+04	-6.326e+04	-7.797e+05
					17.8	60.17	6927.95	-994.65	-1.319e+04	-7.851e+04	-6.533e+05
43	69-3.911e+05	-3097.68	-6.49e-03	-747.65	35.5	60.17	6539.34	-994.65	-1.319e+04	-9.376e+04	-5.338e+05
	-6.076e+05	-3307.37	2.91e-04	0.0	0.0	-1594.32	6471.33	5.91	2.439e+04	-3307.37	-6.076e+05
					17.8	-1594.32	6097.50	5.91	2.439e+04	-3202.53	-4.960e+05
43	70-4.643e+05	-3270.96	-7.66e-03	-846.22	35.5	-1594.32	5723.68	5.91	2.439e+04	-3097.68	-3.911e+05
	-7.229e+05	-3497.00	2.89e-04	0.0	0.0	-1796.71	7707.30	6.37	5.051e+04	-3497.00	-7.229e+05
					17.8	-1796.71	7284.19	6.37	5.051e+04	-3383.98	-5.899e+05
43	71-3.911e+05	-3097.68	-6.49e-03	-747.65	35.5	-1796.71	6861.08	6.37	5.051e+04	-3270.96	-4.643e+05
	-6.076e+05	-3307.37	2.91e-04	0.0	0.0	-1594.32	6471.33	5.91	2.439e+04	-3307.37	-6.076e+05
					17.8	-1594.32	6097.50	5.91	2.439e+04	-3202.53	-4.960e+05
43	72-4.277e+05	-3184.32	-7.07e-03	-796.93	35.5	-1594.32	5723.68	5.91	2.439e+04	-3097.68	-3.911e+05
	-6.652e+05	-3402.19	2.90e-04	0.0	0.0	-1695.51	7089.31	6.14	3.745e+04	-3402.19	-6.652e+05
					17.8	-1695.51	6690.85	6.14	3.745e+04	-3293.25	-5.429e+05
43	73-3.911e+05	-3097.68	-6.49e-03	-747.65	35.5	-1695.51	6292.38	6.14	3.745e+04	-3184.32	-4.277e+05
	-6.076e+05	-3307.37	2.91e-04	0.0	0.0	-1594.32	6471.33	5.91	2.439e+04	-3307.37	-6.076e+05
					17.8	-1594.32	6097.50	5.91	2.439e+04	-3202.53	-4.960e+05
43	74-4.131e+05	-3149.66	-6.84e-03	-777.22	35.5	-1594.32	5723.68	5.91	2.439e+04	-3097.68	-3.911e+05
	-6.422e+05	-3364.26	2.91e-04	0.0	0.0	-1655.03	6842.12	6.05	3.223e+04	-3364.26	-6.422e+05
					17.8	-1655.03	6453.51	6.05	3.223e+04	-3256.96	-5.242e+05
44	2-1.051e+06	5976.60	2.21e-04	-173.49	35.5	-1655.03	6064.90	6.05	3.223e+04	-3149.66	-4.131e+05
	-1.110e+06	5859.30	7.92e-05	0.0	0.0	-2196.18	1.075e+04	-21.33	8.650e+04	5976.60	-1.110e+06
					2.8	-2196.18	1.066e+04	-21.33	8.650e+04	5917.95	-1.080e+06
44	3-6.679e+05	4359.87	1.48e-04	-115.83	5.5	-2196.18	1.057e+04	-21.33	8.650e+04	5859.30	-1.051e+06
	-7.047e+05	4274.85	5.87e-05	0.0	0.0	-1477.96	6748.35	-15.46	3.161e+04	4359.87	-7.047e+05
					2.8	-1477.96	6690.43	-15.46	3.161e+04	4317.36	-6.862e+05
44	6 -5710.79	2.167e+05	-2.99e-03	-120.41	5.5	-1477.96	6632.51	-15.46	3.161e+04	4274.85	-6.679e+05
	-3.132e+04	2.125e+05	5.08e-03	0.0	0.0	2685.91	4716.25	-1137.25	1.016e+05	2.167e+05	-3.132e+04
					2.8	2685.91	4656.05	-1137.25	1.016e+05	2.146e+05	-1.843e+04
44	7-1.403e+06	-2.038e+05	3.30e-03	-120.41	5.5	2685.91	4595.84	-1137.25	1.016e+05	2.125e+05	-5710.79
	-1.456e+06	-2.079e+05	-4.97e-03	0.0	0.0	-5751.77	9569.55	1105.84	-2.020e+04	-2.079e+05	-1.456e+06
					2.8	-5751.77	9509.34	1105.84	-2.020e+04	-2.058e+05	-1.429e+06
44	22-4.678e+05	2.215e+05	-5.09e-04	-120.41	5.5	-5751.77	9449.14	1105.84	-2.020e+04	-2.038e+05	-1.403e+06
	-5.022e+05	2.139e+05	0.02	0.0	0.0	3326.97	6314.16	-1947.92	3.298e+05	2.215e+05	-5.022e+05
					2.8	3326.97	6253.96	-1947.92	3.298e+05	2.177e+05	-4.849e+05
44	23-9.413e+05	-2.052e+05	8.17e-04	-120.41	5.5	3326.97	6193.75	-1947.92	3.298e+05	2.139e+05	-4.678e+05
					0.0	-6392.83	7971.64	1916.51	-2.484e+05	-2.126e+05	-9.848e+05

		-9.848e+05	-2.126e+05	-0.02	0.0	2.8	-6392.83	7911.43	1916.51	-2.484e+05	-2.089e+05	-9.629e+05
						5.5	-6392.83	7851.23	1916.51	-2.484e+05	-2.052e+05	-9.413e+05
44	30	-5.272e+05	1.758e+05	-3.24e-04	-120.41	0.0	3587.63	6328.69	-2411.17	2.984e+05	1.758e+05	-5.628e+05
		-5.628e+05	1.635e+05	0.02	0.0	2.8	3587.63	6268.48	-2411.17	2.984e+05	1.696e+05	-5.449e+05
						5.5	3587.63	6208.27	-2411.17	2.984e+05	1.635e+05	-5.272e+05
44	31	-8.818e+05	-1.548e+05	6.31e-04	-120.41	0.0	-6653.48	7957.12	2379.77	-2.170e+05	-1.670e+05	-9.242e+05
		-9.242e+05	-1.670e+05	-0.02	0.0	2.8	-6653.48	7896.91	2379.77	-2.170e+05	-1.609e+05	-9.029e+05
						5.5	-6653.48	7836.70	2379.77	-2.170e+05	-1.548e+05	-8.818e+05
44	38	-3.025e+05	1.238e+05	-1.64e-03	-120.41	0.0	839.79	5747.13	-641.50	7.208e+04	1.238e+05	-3.338e+05
		-3.338e+05	1.214e+05	2.84e-03	0.0	2.8	839.79	5686.92	-641.50	7.208e+04	1.226e+05	-3.181e+05
						5.5	839.79	5626.72	-641.50	7.208e+04	1.214e+05	-3.025e+05
44	39	-1.106e+06	-1.128e+05	1.95e-03	-120.41	0.0	-3905.65	8538.67	610.09	9309.33	-1.150e+05	-1.153e+06
		-1.153e+06	-1.150e+05	-2.72e-03	0.0	2.8	-3905.65	8478.46	610.09	9309.33	-1.139e+05	-1.130e+06
						5.5	-3905.65	8418.26	610.09	9309.33	-1.128e+05	-1.106e+06
44	62	-6.019e+05	9.775e+04	-1.40e-04	-120.41	0.0	1214.47	6676.02	-1291.62	1.776e+05	9.775e+04	-6.389e+05
		-6.389e+05	9.117e+04	8.50e-03	0.0	2.8	1214.47	6615.82	-1291.62	1.776e+05	9.446e+04	-6.203e+05
						5.5	1214.47	6555.61	-1291.62	1.776e+05	9.117e+04	-6.019e+05
44	63	-8.071e+05	-8.250e+04	4.48e-04	-120.41	0.0	-4280.33	7609.78	1260.22	-9.623e+04	-8.890e+04	-8.480e+05
		-8.480e+05	-8.890e+04	-8.38e-03	0.0	2.8	-4280.33	7549.57	1260.22	-9.623e+04	-8.570e+04	-8.275e+05
						5.5	-4280.33	7489.37	1260.22	-9.623e+04	-8.250e+04	-8.071e+05
44	69	-6.679e+05	4359.87	1.48e-04	-115.83	0.0	-1477.96	6748.35	-15.46	3.161e+04	4359.87	-7.047e+05
		-7.047e+05	4274.85	5.87e-05	0.0	2.8	-1477.96	6690.43	-15.46	3.161e+04	4317.36	-6.862e+05
						5.5	-1477.96	6632.51	-15.46	3.161e+04	4274.85	-6.679e+05
44	70	-7.899e+05	4565.71	1.67e-04	-131.10	0.0	-1661.18	8063.53	-16.28	6.188e+04	4565.71	-8.339e+05
		-8.339e+05	4476.18	6.06e-05	0.0	2.8	-1661.18	7997.98	-16.28	6.188e+04	4520.95	-8.118e+05
						5.5	-1661.18	7932.43	-16.28	6.188e+04	4476.18	-7.899e+05
44	71	-6.679e+05	4359.87	1.48e-04	-115.83	0.0	-1477.96	6748.35	-15.46	3.161e+04	4359.87	-7.047e+05
		-7.047e+05	4274.85	5.87e-05	0.0	2.8	-1477.96	6690.43	-15.46	3.161e+04	4317.36	-6.862e+05
						5.5	-1477.96	6632.51	-15.46	3.161e+04	4274.85	-6.679e+05
44	72	-7.289e+05	4462.79	1.58e-04	-123.47	0.0	-1569.57	7405.94	-15.87	4.675e+04	4462.79	-7.693e+05
		-7.693e+05	4375.51	5.96e-05	0.0	2.8	-1569.57	7344.20	-15.87	4.675e+04	4419.15	-7.490e+05
						5.5	-1569.57	7282.47	-15.87	4.675e+04	4375.51	-7.289e+05
44	73	-6.679e+05	4359.87	1.48e-04	-115.83	0.0	-1477.96	6748.35	-15.46	3.161e+04	4359.87	-7.047e+05
		-7.047e+05	4274.85	5.87e-05	0.0	2.8	-1477.96	6690.43	-15.46	3.161e+04	4317.36	-6.862e+05
						5.5	-1477.96	6632.51	-15.46	3.161e+04	4274.85	-6.679e+05
44	74	-7.045e+05	4421.62	1.54e-04	-120.41	0.0	-1532.93	7142.90	-15.70	4.069e+04	4421.62	-7.435e+05
		-7.435e+05	4335.25	5.92e-05	0.0	2.8	-1532.93	7082.69	-15.70	4.069e+04	4378.43	-7.239e+05
						5.5	-1532.93	7022.49	-15.70	4.069e+04	4335.25	-7.045e+05
45	1	1.703e+05	-87.42	-0.12	-2765.24	0.0	-1679.35	7893.86	7.46	5.056e+04	-841.34	-4.873e+05
		-4.873e+05	-841.34	-3.23e-04	0.0	50.5	-1679.35	6511.24	7.46	5.056e+04	-464.38	-1.236e+05
						101.0	-1679.35	5128.62	7.46	5.056e+04	-87.42	1.703e+05
45	2	1.935e+05	206.78	-0.14	-3185.91	0.0	-1928.59	9552.40	6.35	9.496e+04	-434.30	-6.104e+05
		-6.104e+05	-434.30	-3.18e-04	0.0	50.5	-1928.59	7959.45	6.35	9.496e+04	-113.76	-1.682e+05
						101.0	-1928.59	6366.49	6.35	9.496e+04	206.78	1.935e+05
45	3	1.310e+05	-67.25	-0.09	-2127.11	0.0	-1291.81	6072.20	5.74	3.889e+04	-647.19	-3.749e+05
		-3.749e+05	-647.19	-2.48e-04	0.0	50.5	-1291.81	5008.64	5.74	3.889e+04	-357.22	-9.507e+04
						101.0	-1291.81	3945.09	5.74	3.889e+04	-67.25	1.310e+05
45	4	1.542e+05	226.96	-0.11	-2547.78	0.0	-1541.05	7730.74	4.62	8.329e+04	-240.14	-4.979e+05
		-4.979e+05	-240.14	-2.44e-04	0.0	50.5	-1541.05	6456.85	4.62	8.329e+04	-6.59	-1.397e+05
						101.0	-1541.05	5182.97	4.62	8.329e+04	226.96	1.542e+05
45	9	5.141e+05	-7.180e+05	-0.15	-2211.24	0.0	-6891.21	4377.39	1983.58	-1.122e+05	-8.968e+05	1.836e+05
		1.836e+05	-8.968e+05	0.43	0.0	50.5	-6891.21	3271.77	1983.58	-1.122e+05	-8.074e+05	3.768e+05
						101.0	-6891.21	2166.15	1983.58	-1.122e+05	-7.180e+05	5.141e+05
45	10	5.642e+05	-3.808e+05	-0.14	-2211.24	0.0	-4707.64	4183.47	239.89	1.280e+05	-4.128e+05	2.528e+05
		2.528e+05	-4.128e+05	0.51	0.0	50.5	-4707.64	3077.85	239.89	1.280e+05	-3.968e+05	4.365e+05
						101.0	-4707.64	1972.23	239.89	1.280e+05	-3.808e+05	5.642e+05
45	11	-2.929e+05	4.117e+05	-0.05	-2211.24	0.0	2024.33	8624.34	-228.85	-3.251e+04	4.117e+05	-1.052e+06
		-1.052e+06	3.807e+05	-0.51	0.0	50.5	2024.33	7518.72	-228.85	-3.251e+04	3.962e+05	-6.445e+05
						101.0	2024.33	6413.10	-228.85	-3.251e+04	3.807e+05	-2.929e+05
45	12	-2.428e+05	8.957e+05	-0.04	-2211.24	0.0	4207.90	8430.42	-1972.54	2.077e+05	8.957e+05	-9.825e+05
		-9.825e+05	7.180e+05	-0.43	0.0	50.5	4207.90	7324.80	-1972.54	2.077e+05	8.069e+05	-5.847e+05
						101.0	4207.90	6219.18	-1972.54	2.077e+05	7.180e+05	-2.428e+05
45	29	1.731e+05	-7.270e+05	-0.12	-2211.24	0.0	-6318.28	6090.06	3243.53	-3.645e+05	-1.004e+06	-3.296e+05
		-3.296e+05	-1.004e+06	0.02	0.0	50.5	-6318.28	4984.44	3243.53	-3.645e+05	-8.652e+05	-5.034e+04
						101.0	-6318.28	3878.82	3243.53	-3.645e+05	-7.270e+05	1.731e+05
45	32	9.818e+04	1.002e+06	-0.06	-2211.24	0.0	3634.96	6717.75	-3232.50	4.601e+05	1.002e+06	-4.693e+05
		-4.693e+05	7.269e+05	-0.02	0.0	50.5	3634.96	5612.13	-3232.50	4.601e+05	8.647e+05	-1.577e+05
						101.0	3634.96	4506.51	-3232.50	4.601e+05	7.269e+05	9.818e+04
45	41	3.545e+05	-4.039e+05	-0.12	-2211.24	0.0	-4477.42	5232.87	1094.32	-3.745e+04	-5.015e+05	-6.242e+04
		-6.242e+04	-5.015e+05	0.25	0.0	50.5	-4477.42	4127.25	1094.32	-3.745e+04	-4.527e+05	1.739e+05
						101.0	-4477.42	3021.63	1094.32	-3.745e+04	-4.039e+05	3.545e+05
45	42	3.816e+05	-2.256e+05	-0.12	-2211.24	0.0	-3325.83	5129.66	151.11	8.921e+04	-2.462e+05	-2.512e+04
		-2.512e+04	-2.462e+05	0.29	0.0	50.5	-3325.83	4024.04	151.11	8.921e+04	-2.359e+05	2.062e+05
						101.0	-3325.83	2918.42	151.11	8.921e+04	-2.256e+05	3.816e+05
45	43	-1.103e+05	2.451e+05	-0.07	-2211.24	0.0	642.52	7678.15	-140.08	6335.30	2.451e+05	-7.738e+05
		-7.738e+05	2.256e+05	-0.30	0.0	50.5	642.52	6572.53	-140.08	6335.30	2.353e+05	-4.142e+05
						101.0	642.52	5466.91	-140.08	6335.30	2.256e+05	-1.103e+05

45	44	-8.317e+04	5.004e+05	-0.06	-2211.24	0.0	1794.11	7574.94	-1083.29	1.330e+05	5.004e+05	-7.365e+05
		-7.365e+05	4.039e+05	-0.25	0.0	50.5	1794.11	6469.32	-1083.29	1.330e+05	4.521e+05	-3.819e+05
						101.0	1794.11	5363.70	-1083.29	1.330e+05	4.039e+05	-8.317e+04
45	61	1.601e+05	-3.916e+05	-0.11	-2211.24	0.0	-4028.96	6209.13	1762.70	-1.699e+05	-5.380e+05	-3.549e+05
		-3.549e+05	-5.380e+05	0.01	0.0	50.5	-4028.96	5103.51	1762.70	-1.699e+05	-4.648e+05	-6.949e+04
						101.0	-4028.96	3997.89	1762.70	-1.699e+05	-3.916e+05	1.601e+05
45	64	1.112e+05	5.369e+05	-0.08	-2211.24	0.0	1345.65	6598.68	-1751.66	2.654e+05	5.369e+05	-4.440e+05
		-4.440e+05	3.916e+05	-0.02	0.0	50.5	1345.65	5493.06	-1751.66	2.654e+05	4.642e+05	-1.385e+05
						101.0	1345.65	4387.44	-1751.66	2.654e+05	3.916e+05	1.112e+05
45	69	1.310e+05	-67.25	-0.09	-2127.11	0.0	-1291.81	6072.20	5.74	3.889e+04	-647.19	-3.749e+05
		-3.749e+05	-647.19	-2.48e-04	0.0	50.5	-1291.81	5008.64	5.74	3.889e+04	-357.22	-9.507e+04
						101.0	-1291.81	3945.09	5.74	3.889e+04	-67.25	1.310e+05
45	70	1.465e+05	128.89	-0.10	-2407.55	0.0	-1457.97	7177.89	5.00	6.849e+04	-375.83	-4.569e+05
		-4.569e+05	-375.83	-2.45e-04	0.0	50.5	-1457.97	5974.12	5.00	6.849e+04	-123.47	-1.248e+05
						101.0	-1457.97	4770.34	5.00	6.849e+04	128.89	1.465e+05
45	71	1.310e+05	-67.25	-0.09	-2127.11	0.0	-1291.81	6072.20	5.74	3.889e+04	-647.19	-3.749e+05
		-3.749e+05	-647.19	-2.48e-04	0.0	50.5	-1291.81	5008.64	5.74	3.889e+04	-357.22	-9.507e+04
						101.0	-1291.81	3945.09	5.74	3.889e+04	-67.25	1.310e+05
45	72	1.387e+05	30.82	-0.10	-2267.33	0.0	-1374.89	6625.05	5.37	5.369e+04	-511.51	-4.159e+05
		-4.159e+05	-511.51	-2.47e-04	0.0	50.5	-1374.89	5491.38	5.37	5.369e+04	-240.34	-1.099e+05
						101.0	-1374.89	4357.72	5.37	5.369e+04	30.82	1.387e+05
45	73	1.310e+05	-67.25	-0.09	-2127.11	0.0	-1291.81	6072.20	5.74	3.889e+04	-647.19	-3.749e+05
		-3.749e+05	-647.19	-2.48e-04	0.0	50.5	-1291.81	5008.64	5.74	3.889e+04	-357.22	-9.507e+04
						101.0	-1291.81	3945.09	5.74	3.889e+04	-67.25	1.310e+05
45	74	1.357e+05	-8.41	-0.09	-2211.24	0.0	-1341.66	6403.91	5.52	4.777e+04	-565.78	-3.995e+05
		-3.995e+05	-565.78	-2.47e-04	0.0	50.5	-1341.66	5298.29	5.52	4.777e+04	-287.09	-1.040e+05
						101.0	-1341.66	4192.67	5.52	4.777e+04	-8.41	1.357e+05
46	1	2.504e+04	1340.97	-0.03	-812.92	0.0	-383.25	2456.07	-5.29	3.542e+04	1340.97	-1.830e+05
		-1.830e+05	803.85	-1.45e-04	0.0	50.8	-383.25	2049.61	-5.29	3.542e+04	1072.41	-6.869e+04
						101.5	-383.25	1643.15	-5.29	3.542e+04	803.85	2.504e+04
46	2	1.967e+04	1263.96	-0.03	-867.79	0.0	-369.76	3074.74	-4.80	1.257e+04	1263.96	-2.484e+05
		-2.484e+05	776.53	-1.84e-04	0.0	50.8	-369.76	2640.84	-4.80	1.257e+04	1020.25	-1.034e+05
						101.5	-369.76	2206.95	-4.80	1.257e+04	776.53	1.967e+04
46	4	1.390e+04	954.51	-0.03	-680.19	0.0	-281.32	2507.95	-3.58	4391.83	954.51	-2.062e+05
		-2.062e+05	591.03	-1.50e-04	0.0	50.8	-281.32	2167.86	-3.58	4391.83	772.77	-8.752e+04
						101.5	-281.32	1827.76	-3.58	4391.83	591.03	1.390e+04
46	9	3.157e+05	1.117e+06	-0.04	-636.30	0.0	-1206.98	235.71	-5464.83	1.703e+05	1.117e+06	3.111e+05
		3.032e+05	5.656e+05	0.12	0.0	50.8	-1206.98	-82.43	-5464.83	1.703e+05	8.415e+05	3.152e+05
						101.5	-1206.98	-400.58	-5464.83	1.703e+05	5.656e+05	3.032e+05
46	10	-5.850e+04	6.967e+05	6.55e-03	-636.30	0.0	-1411.63	2524.94	-3630.71	1.761e+05	6.967e+05	-2.830e+05
		-2.830e+05	3.304e+05	0.16	0.0	50.8	-1411.63	2206.79	-3630.71	1.761e+05	5.135e+05	-1.627e+05
						101.5	-1411.63	1888.64	-3630.71	1.761e+05	3.304e+05	-5.850e+04
46	11	9.487e+04	-3.291e+05	-0.05	-636.30	0.0	827.41	1501.09	3622.77	-1.307e+05	-6.946e+05	-2.473e+04
		-2.473e+04	-6.946e+05	-0.16	0.0	50.8	827.41	1182.95	3622.77	-1.307e+05	-5.119e+05	4.314e+04
						101.5	827.41	864.80	3622.77	-1.307e+05	-3.291e+05	9.487e+04
46	12	-2.668e+05	-5.644e+05	-4.88e-03	-636.30	0.0	622.77	3790.32	5456.88	-1.250e+05	-1.115e+06	-6.188e+05
		-6.188e+05	-1.115e+06	-0.12	0.0	50.8	622.77	3472.17	5456.88	-1.250e+05	-8.399e+05	-4.347e+05
						101.5	622.77	3154.02	5456.88	-1.250e+05	-5.644e+05	-2.668e+05
46	29	8.866e+05	9.741e+05	-0.10	-636.30	0.0	-256.19	-1992.17	-4423.97	5.821e+04	9.741e+05	8.866e+05
		6.523e+05	5.269e+05	-0.03	0.0	50.8	-256.19	-2310.31	-4423.97	5.821e+04	7.505e+05	7.775e+05
						101.5	-256.19	-2628.46	-4423.97	5.821e+04	5.269e+05	6.523e+05
46	32	-6.159e+05	-5.257e+05	0.06	-636.30	0.0	-328.03	6018.20	4416.02	-1.286e+04	-9.721e+05	-1.194e+06
		-1.194e+06	-9.721e+05	0.03	0.0	50.8	-328.03	5700.05	4416.02	-1.286e+04	-7.489e+05	-8.971e+05
						101.5	-328.03	5381.90	4416.02	-1.286e+04	-5.257e+05	-6.159e+05
46	41	1.740e+05	6.309e+05	-0.03	-636.30	0.0	-821.39	1046.26	-3091.55	1.078e+05	6.309e+05	9.975e+04
		9.975e+04	3.187e+05	0.07	0.0	50.8	-821.39	728.11	-3091.55	1.078e+05	4.748e+05	1.449e+05
						101.5	-821.39	409.96	-3091.55	1.078e+05	3.187e+05	1.740e+05
46	42	-2.109e+04	4.090e+05	-6.68e-03	-636.30	0.0	-937.67	2279.71	-2124.57	1.110e+05	4.090e+05	-2.205e+05
		-2.205e+05	1.946e+05	0.09	0.0	50.8	-937.67	1961.56	-2124.57	1.110e+05	3.018e+05	-1.127e+05
						101.5	-937.67	1643.41	-2124.57	1.110e+05	1.946e+05	-2.109e+04
46	43	5.746e+04	-1.934e+05	-0.04	-636.30	0.0	353.45	1746.32	2116.63	-6.563e+04	-4.069e+05	-8.724e+04
		-8.724e+04	-4.069e+05	-0.09	0.0	50.8	353.45	1428.17	2116.63	-6.563e+04	-3.002e+05	-6815.00
						101.5	353.45	1110.03	2116.63	-6.563e+04	-1.934e+05	5.746e+04
46	44	-1.376e+05	-3.175e+05	-0.01	-636.30	0.0	237.17	2979.78	3083.61	-6.247e+04	-6.288e+05	-4.075e+05
		-4.075e+05	-6.288e+05	-0.07	0.0	50.8	237.17	2661.63	3083.61	-6.247e+04	-4.732e+05	-2.645e+05
						101.5	237.17	2343.48	3083.61	-6.247e+04	-3.175e+05	-1.376e+05
46	61	4.080e+05	5.265e+05	-0.07	-636.30	0.0	-274.54	-147.75	-2396.83	4.342e+04	5.265e+05	4.080e+05
		3.608e+05	2.843e+05	-0.02	0.0	50.8	-274.54	-465.90	-2396.83	4.342e+04	4.054e+05	3.924e+05
						101.5	-274.54	-784.05	-2396.83	4.342e+04	2.843e+05	3.608e+05
46	64	-3.244e+05	-2.831e+05	0.02	-636.30	0.0	-309.68	4173.78	2388.88	1926.41	-5.244e+05	-7.157e+05
		-7.157e+05	-5.244e+05	0.02	0.0	50.8	-309.68	3855.63	2388.88	1926.41	-4.038e+05	-5.120e+05
						101.5	-309.68	3537.49	2388.88	1926.41	-2.831e+05	-3.244e+05
46	69	1.926e+04	1031.52	-0.02	-625.32	0.0	-294.81	1889.28	-4.07	2.725e+04	1031.52	-1.408e+05
		-1.408e+05	618.34	-1.12e-04	0.0	50.8	-294.81	1576.62	-4.07	2.725e+04	824.93	-5.284e+04
						101.5	-294.81	1263.96	-4.07	2.725e+04	618.34	1.926e+04
46	70	1.568e+04	980.18	-0.02	-661.90	0.0	-285.82	2301.73	-3.74	1.201e+04	980.18	-1.844e+05
		-1.844e+05	600.13	-1.37e-04	0.0	50.8	-285.82	1970.78	-3.74	1.201e+04	790.15	-7.596e+04

						101.5	-285.82	1639.83	-3.74	1.201e+04	600.13	1.568e+04
46	71	1.926e+04	1031.52	-0.02	-625.32	0.0	-294.81	1889.28	-4.07	2.725e+04	1031.52	-1.408e+05
		-1.408e+05	618.34	-1.12e-04	0.0	50.8	-294.81	1576.62	-4.07	2.725e+04	824.93	-5.284e+04
						101.5	-294.81	1263.96	-4.07	2.725e+04	618.34	1.926e+04
46	72	1.747e+04	1005.85	-0.02	-643.61	0.0	-290.31	2095.51	-3.91	1.963e+04	1005.85	-1.626e+05
		-1.626e+05	609.24	-1.25e-04	0.0	50.8	-290.31	1773.70	-3.91	1.963e+04	807.54	-6.440e+04
						101.5	-290.31	1451.89	-3.91	1.963e+04	609.24	1.747e+04
46	73	1.926e+04	1031.52	-0.02	-625.32	0.0	-294.81	1889.28	-4.07	2.725e+04	1031.52	-1.408e+05
		-1.408e+05	618.34	-1.12e-04	0.0	50.8	-294.81	1576.62	-4.07	2.725e+04	824.93	-5.284e+04
						101.5	-294.81	1263.96	-4.07	2.725e+04	618.34	1.926e+04
46	74	1.819e+04	1016.11	-0.02	-636.30	0.0	-292.11	2013.02	-3.97	2.268e+04	1016.11	-1.539e+05
		-1.539e+05	612.88	-1.19e-04	0.0	50.8	-292.11	1694.87	-3.97	2.268e+04	814.50	-5.977e+04
						101.5	-292.11	1376.72	-3.97	2.268e+04	612.88	1.819e+04
47	2	-2.813e+04	5779.14	-7.84e-03	-811.13	0.0	-761.04	2790.11	-25.02	-2.847e+04	5779.14	-2.544e+05
		-2.544e+05	3404.84	1.94e-04	0.0	47.4	-761.04	2384.54	-25.02	-2.847e+04	4591.99	-1.317e+05
						94.9	-761.04	1978.97	-25.02	-2.847e+04	3404.84	-2.813e+04
47	3	-1.914e+04	4143.75	-4.85e-03	-584.50	0.0	-567.36	1733.16	-17.76	-4027.84	4143.75	-1.559e+05
		-1.559e+05	2458.33	1.15e-04	0.0	47.4	-567.36	1440.92	-17.76	-4027.84	3301.04	-8.057e+04
						94.9	-567.36	1148.67	-17.76	-4027.84	2458.33	-1.914e+04
47	17	3.157e+05	9.431e+05	-0.02	-594.75	0.0	-2874.68	-154.82	-4290.36	5.365e+04	9.431e+05	3.157e+05
		2.731e+05	5.461e+05	0.02	0.0	47.4	-2874.68	-452.20	-4290.36	5.365e+04	7.446e+05	3.015e+05
						94.9	-2874.68	-749.58	-4290.36	5.365e+04	5.461e+05	2.731e+05
47	20	-3.127e+05	-5.411e+05	9.01e-03	-594.75	0.0	-1730.58	3835.95	4254.06	-7.100e+04	-9.347e+05	-6.481e+05
		-6.481e+05	-9.347e+05	-0.02	0.0	47.4	1730.58	3538.57	4254.06	-7.100e+04	-7.379e+05	-4.734e+05
						94.9	1730.58	3241.19	4254.06	-7.100e+04	-5.411e+05	-3.127e+05
47	29	1.177e+06	9.066e+05	-0.06	-594.75	0.0	-1654.46	-3780.87	-4016.66	-3.483e+04	9.066e+05	1.177e+06
		7.901e+05	5.234e+05	-0.17	0.0	47.4	-1654.46	-4078.25	-4016.66	-3.483e+04	7.150e+05	9.066e+05
						94.9	-1654.46	-4375.63	-4016.66	-3.483e+04	5.234e+05	7.901e+05
47	30	-7.477e+05	-8.663e+05	0.06	-594.75	0.0	-661.56	6918.17	5747.60	-2.446e+04	-1.410e+06	-1.376e+06
		-1.376e+06	-1.410e+06	0.15	0.0	47.4	-661.56	6620.80	5747.60	-2.446e+04	-1.138e+06	-1.055e+06
						94.9	-661.56	6323.42	5747.60	-2.446e+04	-8.663e+05	-7.477e+05
47	31	1.044e+06	1.418e+06	-0.07	-594.75	0.0	-482.55	-3237.05	-5783.89	7114.71	1.418e+06	1.044e+06
		7.082e+05	8.713e+05	-0.15	0.0	47.4	-482.55	-3534.42	-5783.89	7114.71	1.145e+06	8.830e+05
						94.9	-482.55	-3831.80	-5783.89	7114.71	8.713e+05	7.082e+05
47	32	-8.297e+05	-5.184e+05	0.05	-594.75	0.0	510.36	7462.00	3980.37	1.748e+04	-8.981e+05	-1.509e+06
		-1.509e+06	-8.981e+05	0.17	0.0	47.4	510.36	7164.62	3980.37	1.748e+04	-7.083e+05	-1.163e+06
						94.9	510.36	6867.24	3980.37	1.748e+04	-5.184e+05	-8.297e+05
47	49	1.392e+05	5.288e+05	-0.01	-594.75	0.0	-1895.27	759.56	-2410.44	2.729e+04	5.288e+05	9.517e+04
		9.517e+04	3.059e+05	0.01	0.0	47.4	-1895.27	462.18	-2410.44	2.729e+04	4.173e+05	1.243e+05
						94.9	-1895.27	164.81	-2410.44	2.729e+04	3.059e+05	1.392e+05
47	52	-1.788e+05	-3.009e+05	3.93e-03	-594.75	0.0	751.16	2921.56	2374.15	-4.464e+04	-5.203e+05	-4.276e+05
		-4.276e+05	-5.203e+05	-0.01	0.0	47.4	751.16	2624.19	2374.15	-4.464e+04	-4.106e+05	-2.962e+05
						94.9	751.16	2326.81	2374.15	-4.464e+04	-3.009e+05	-1.788e+05
47	61	5.563e+05	4.688e+05	-0.04	-594.75	0.0	-1180.31	-1182.89	-2089.28	-2.367e+04	4.688e+05	5.563e+05
		4.158e+05	2.694e+05	-0.09	0.0	47.4	-1180.31	-1480.27	-2089.28	-2.367e+04	3.691e+05	4.931e+05
						94.9	-1180.31	-1777.64	-2089.28	-2.367e+04	2.694e+05	4.158e+05
47	62	-4.083e+05	-4.656e+05	0.03	-594.75	0.0	-638.18	4553.27	3075.54	-1.781e+04	-7.563e+05	-8.122e+05
		-8.122e+05	-7.563e+05	0.08	0.0	47.4	-638.18	4255.89	3075.54	-1.781e+04	-6.110e+05	-6.032e+05
						94.9	-638.18	3958.51	3075.54	-1.781e+04	-4.656e+05	-4.083e+05
47	63	4.798e+05	7.648e+05	-0.04	-594.75	0.0	-505.92	-872.14	-3111.83	461.92	7.648e+05	4.798e+05
		3.688e+05	4.706e+05	-0.08	0.0	47.4	-505.92	-1169.52	-3111.83	461.92	6.177e+05	4.313e+05
						94.9	-505.92	-1466.89	-3111.83	461.92	4.706e+05	3.688e+05
47	64	-4.554e+05	-2.644e+05	0.03	-594.75	0.0	36.21	4864.01	2052.98	6324.43	-4.603e+05	-8.887e+05
		-8.887e+05	-4.603e+05	0.09	0.0	47.4	36.21	4566.64	2052.98	6324.43	-3.623e+05	-6.650e+05
						94.9	36.21	4269.26	2052.98	6324.43	-2.644e+05	-4.554e+05
47	69	-1.914e+04	4143.75	-4.85e-03	-584.50	0.0	-567.36	1733.16	-17.76	-4027.84	4143.75	-1.559e+05
		-1.559e+05	2458.33	1.15e-04	0.0	47.4	-567.36	1440.92	-17.76	-4027.84	3301.04	-8.057e+04
						94.9	-567.36	1148.67	-17.76	-4027.84	2458.33	-1.914e+04
47	70	-2.131e+04	4405.26	-5.88e-03	-618.69	0.0	-583.01	2091.16	-19.05	-1.951e+04	4405.26	-1.904e+05
		-1.904e+05	2597.67	1.45e-04	0.0	47.4	-583.01	1781.82	-19.05	-1.951e+04	3501.47	-9.851e+04
						94.9	-583.01	1472.47	-19.05	-1.951e+04	2597.67	-2.131e+04
47	71	-1.914e+04	4143.75	-4.85e-03	-584.50	0.0	-567.36	1733.16	-17.76	-4027.84	4143.75	-1.559e+05
		-1.559e+05	2458.33	1.15e-04	0.0	47.4	-567.36	1440.92	-17.76	-4027.84	3301.04	-8.057e+04
						94.9	-567.36	1148.67	-17.76	-4027.84	2458.33	-1.914e+04
47	72	-2.022e+04	4274.50	-5.36e-03	-601.59	0.0	-575.18	1912.16	-18.40	-1.177e+04	4274.50	-1.731e+05
		-1.731e+05	2528.00	1.30e-04	0.0	47.4	-575.18	1611.37	-18.40	-1.177e+04	3401.25	-8.954e+04
						94.9	-575.18	1310.57	-18.40	-1.177e+04	2528.00	-2.022e+04
47	73	-1.914e+04	4143.75	-4.85e-03	-584.50	0.0	-567.36	1733.16	-17.76	-4027.84	4143.75	-1.559e+05
		-1.559e+05	2458.33	1.15e-04	0.0	47.4	-567.36	1440.92	-17.76	-4027.84	3301.04	-8.057e+04
						94.9	-567.36	1148.67	-17.76	-4027.84	2458.33	-1.914e+04
47	74	-1.979e+04	4222.20	-5.16e-03	-594.75	0.0	-572.05	1840.56	-18.15	-8673.78	4222.20	-1.662e+05
		-1.662e+05	2500.14	1.24e-04	0.0	47.4	-572.05	1543.19	-18.15	-8673.78	3361.17	-8.595e+04
						94.9	-572.05	1245.81	-18.15	-8673.78	2500.14	-1.979e+04
48	1	-1.924e+05	3548.53	-3.24e-03	-201.64	0.0	-872.41	3028.11	-13.95	-3.316e+04	3548.53	-2.661e+05
		-2.661e+05	3197.50	-7.13e-05	0.0	12.6	-872.41	2927.32	-13.95	-3.316e+04	3373.01	-2.286e+05
						25.2	-872.41	2826.46	-13.95	-3.316e+04	3197.50	-1.924e+05
48	2	-2.487e+05	3219.49	-4.10e-03	-215.27	0.0	-941.74	3917.18	-12.75	-7.479e+04	3219.49	-3.446e+05

		-3.446e+05	2898.70	-8.47e-05	0.0	12.6	-941.74	3809.59	-12.75	-7.479e+04	3059.10	-2.960e+05
						25.2	-941.74	3701.92	-12.75	-7.479e+04	2898.70	-2.487e+05
48	3	-1.480e+05	2729.64	-2.49e-03	-155.11	0.0	-671.09	2329.31	-10.73	-2.551e+04	2729.64	-2.047e+05
		-2.047e+05	2459.62	-5.49e-05	0.0	12.6	-671.09	2251.78	-10.73	-2.551e+04	2594.63	-1.759e+05
						25.2	-671.09	2174.20	-10.73	-2.551e+04	2459.62	-1.480e+05
48	4	-2.043e+05	2400.60	-3.35e-03	-168.74	0.0	-740.42	3218.39	-9.53	-6.714e+04	2400.60	-2.832e+05
		-2.832e+05	2160.82	-6.82e-05	0.0	12.6	-740.42	3134.05	-9.53	-6.714e+04	2280.71	-2.432e+05
						25.2	-740.42	3049.65	-9.53	-6.714e+04	2160.82	-2.043e+05
48	18	-3.433e+05	2.823e+05	6.89e-03	-157.84	0.0	-3204.19	3252.91	-422.27	-1.079e+05	2.823e+05	-4.234e+05
		-4.234e+05	-7.162e+05	4.13e-03	0.0	12.6	-3204.19	3174.02	-422.27	-1.079e+05	-2.169e+05	-3.828e+05
						25.2	-3204.19	3095.08	-422.27	-1.079e+05	-7.162e+05	-3.433e+05
48	19	2.472e+04	7.210e+05	-0.01	-157.84	0.0	1834.29	1761.35	401.29	4.023e+04	-2.770e+05	-1.741e+04
		-1.741e+04	-2.770e+05	-4.24e-03	0.0	12.6	1834.29	1682.45	401.29	4.023e+04	2.220e+05	4150.03
						25.2	1834.29	1603.51	401.29	4.023e+04	7.210e+05	2.472e+04
48	29	9.229e+05	6.324e+05	-0.03	-157.84	0.0	-586.69	-1279.36	-2997.42	-5.160e+04	6.324e+05	9.229e+05
		8.887e+05	5.803e+05	-0.02	0.0	12.6	-586.69	-1358.26	-2997.42	-5.160e+04	6.063e+05	9.063e+05
						25.2	-586.69	-1437.20	-2997.42	-5.160e+04	5.803e+05	8.887e+05
48	30	-1.093e+06	-8.952e+05	0.02	-157.84	0.0	-1500.64	5905.28	2026.38	-6.846e+04	-9.695e+05	-1.240e+06
		-1.240e+06	-9.695e+05	0.01	0.0	12.6	-1500.64	5826.38	2026.38	-6.846e+04	-9.324e+05	-1.166e+06
						25.2	-1500.64	5747.44	2026.38	-6.846e+04	-8.952e+05	-1.093e+06
48	31	7.987e+05	9.749e+05	-0.03	-157.84	0.0	130.74	-891.02	-2047.36	788.68	9.749e+05	7.987e+05
		7.743e+05	9.000e+05	-0.01	0.0	12.6	130.74	-969.91	-2047.36	788.68	9.374e+05	7.870e+05
						25.2	130.74	-1048.85	-2047.36	788.68	9.000e+05	7.743e+05
48	32	-1.207e+06	-5.755e+05	0.02	-157.84	0.0	-783.21	6293.62	2976.44	-1.607e+04	-6.271e+05	-1.364e+06
		-1.364e+06	-6.271e+05	0.02	0.0	12.6	-783.21	6214.73	2976.44	-1.607e+04	-6.013e+05	-1.285e+06
						25.2	-783.21	6135.79	2976.44	-1.607e+04	-5.755e+05	-1.207e+06
48	50	-2.537e+05	1.759e+05	2.53e-03	-157.84	0.0	-2137.27	2895.64	-284.40	-7.655e+04	1.759e+05	-3.247e+05
		-3.247e+05	-4.014e+05	2.00e-03	0.0	12.6	-2137.27	2816.75	-284.40	-7.655e+04	-1.127e+05	-2.887e+05
						25.2	-2137.27	2737.80	-284.40	-7.655e+04	-4.014e+05	-2.537e+05
48	51	-6.490e+04	4.062e+05	-7.86e-03	-157.84	0.0	767.37	2118.62	263.42	8881.59	-1.706e+05	-1.161e+05
		-1.161e+05	-1.706e+05	-2.11e-03	0.0	12.6	767.37	2039.73	263.42	8881.59	1.178e+05	-9.001e+04
						25.2	767.37	1960.78	263.42	8881.59	4.062e+05	-6.490e+04
48	61	4.053e+05	3.260e+05	-0.02	-157.84	0.0	-628.55	468.77	-1610.88	-4.409e+04	3.260e+05	3.954e+05
		3.954e+05	2.990e+05	-0.01	0.0	12.6	-628.55	389.87	-1610.88	-4.409e+04	3.125e+05	4.009e+05
						25.2	-628.55	310.93	-1610.88	-4.409e+04	2.990e+05	4.053e+05
48	62	-6.578e+05	-4.796e+05	0.01	-157.84	0.0	-1154.26	4322.45	1039.90	-5.379e+04	-5.193e+05	-7.107e+05
		-7.646e+05	-5.193e+05	5.19e-03	0.0	12.6	-1154.26	4243.56	1039.90	-5.379e+04	-4.994e+05	-7.107e+05
						25.2	-1154.26	4164.62	1039.90	-5.379e+04	-4.796e+05	-6.578e+05
48	63	3.392e+05	5.246e+05	-0.02	-157.84	0.0	-215.64	691.80	-1060.88	-1.388e+04	5.246e+05	3.328e+05
		3.238e+05	4.844e+05	-5.31e-03	0.0	12.6	-215.64	612.91	-1060.88	-1.388e+04	5.045e+05	3.320e+05
						25.2	-215.64	533.97	-1060.88	-1.388e+04	4.844e+05	3.392e+05
48	64	-7.238e+05	-2.942e+05	0.01	-157.84	0.0	-741.35	4545.49	1589.90	-2.358e+04	-3.207e+05	-8.362e+05
		-8.362e+05	-3.207e+05	0.01	0.0	12.6	-741.35	4466.60	1589.90	-2.358e+04	-3.074e+05	-7.795e+05
						25.2	-741.35	4387.65	1589.90	-2.358e+04	-2.942e+05	-7.238e+05
48	69	-1.480e+05	2729.64	-2.49e-03	-155.11	0.0	-671.09	2329.31	-10.73	-2.551e+04	2729.64	-2.047e+05
		-2.047e+05	2459.62	-5.49e-05	0.0	12.6	-671.09	2251.78	-10.73	-2.551e+04	2594.63	-1.759e+05
						25.2	-671.09	2174.20	-10.73	-2.551e+04	2459.62	-1.480e+05
48	70	-1.855e+05	2510.28	-3.06e-03	-164.19	0.0	-717.31	2922.03	-9.93	-5.326e+04	2510.28	-2.570e+05
		-2.570e+05	2260.42	-6.38e-05	0.0	12.6	-717.31	2839.96	-9.93	-5.326e+04	2385.35	-2.208e+05
						25.2	-717.31	2757.84	-9.93	-5.326e+04	2260.42	-1.855e+05
48	71	-1.480e+05	2729.64	-2.49e-03	-155.11	0.0	-671.09	2329.31	-10.73	-2.551e+04	2729.64	-2.047e+05
		-2.047e+05	2459.62	-5.49e-05	0.0	12.6	-671.09	2251.78	-10.73	-2.551e+04	2594.63	-1.759e+05
						25.2	-671.09	2174.20	-10.73	-2.551e+04	2459.62	-1.480e+05
48	72	-1.668e+05	2619.96	-2.78e-03	-159.65	0.0	-694.20	2625.67	-10.33	-3.939e+04	2619.96	-2.309e+05
		-2.309e+05	2360.02	-5.93e-05	0.0	12.6	-694.20	2545.87	-10.33	-3.939e+04	2489.99	-1.983e+05
						25.2	-694.20	2466.02	-10.33	-3.939e+04	2360.02	-1.668e+05
48	73	-1.480e+05	2729.64	-2.49e-03	-155.11	0.0	-671.09	2329.31	-10.73	-2.551e+04	2729.64	-2.047e+05
		-2.047e+05	2459.62	-5.49e-05	0.0	12.6	-671.09	2251.78	-10.73	-2.551e+04	2594.63	-1.759e+05
						25.2	-671.09	2174.20	-10.73	-2.551e+04	2459.62	-1.480e+05
48	74	-1.593e+05	2663.83	-2.66e-03	-157.84	0.0	-684.95	2507.13	-10.49	-3.384e+04	2663.83	-2.204e+05
		-2.204e+05	2399.86	-5.75e-05	0.0	12.6	-684.95	2428.24	-10.49	-3.384e+04	2531.84	-1.893e+05
						25.2	-684.95	2349.29	-10.49	-3.384e+04	2399.86	-1.593e+05
49	2	1.375e+06	3.171e+04	-0.60	-3.517e+04	0.0	-2999.23	1.719e+04	63.14	8.253e+04	-9207.98	-1.252e+06
		-1.863e+06	-9207.98	-5.00e-03	0.0	324.0	-2999.23	-970.42	63.14	8.253e+04	1.125e+04	1.375e+06
						648.1	-2999.23	-1.798e+04	63.14	8.253e+04	3.171e+04	-1.863e+06
49	3	9.199e+05	2.234e+04	-0.41	-2.340e+04	0.0	-2043.66	1.141e+04	42.76	5.633e+04	-5372.93	-8.198e+05
		-1.241e+06	-5372.93	-3.44e-03	0.0	324.0	-2043.66	-668.30	42.76	5.633e+04	8482.31	9.199e+05
						648.1	-2043.66	-1.200e+04	42.76	5.633e+04	2.234e+04	-1.241e+06
49	13	1.089e+06	6.705e+05	-0.48	-2.435e+04	0.0	25.04	8981.99	-1253.53	-1.946e+05	6.705e+05	7.553e+04
		-2.300e+06	-6.595e+04	-0.49	0.0	324.0	25.04	-3584.90	-1253.53	-1.946e+05	3.023e+05	9.175e+05
						648.1	25.04	-1.537e+04	-1253.53	-1.946e+05	-6.595e+04	-2.300e+06
49	14	1.190e+06	1.670e+06	-0.47	-2.435e+04	0.0	2247.09	8719.52	-3223.39	1.654e+05	1.670e+06	1.916e+05
		-2.225e+06	-5.172e+05	0.44	0.0	324.0	2247.09	-3847.37	-3223.39	1.654e+05	5.765e+05	1.013e+06
						648.1	2247.09	-1.563e+04	-3223.39	1.654e+05	-5.172e+05	-2.225e+06
49	26	1.155e+06	2.013e+06	-0.42	-2.435e+04	0.0	2565.73	1.053e+04	-3923.66	6.363e+05	2.013e+06	-3.665e+05
		-1.457e+06	-8.235e+05	1.54	0.0	324.0	2565.73	-2034.33	-3923.66	6.363e+05	5.948e+05	1.118e+06
						648.1	2565.73	-1.382e+04	-3923.66	6.363e+05	-8.235e+05	-1.457e+06

49	27	7.934e+05	8.692e+05	-0.44	-2.435e+04	0.0	-6790.03	1.322e+04	4012.20	-5.199e+05	-2.025e+06	-1.348e+06
		-1.348e+06	-2.025e+06	-1.54	0.0	324.0	-6790.03	657.08	4012.20	-5.199e+05	-5.777e+05	7.934e+05
						648.1	-6790.03	-1.113e+04	4012.20	-5.199e+05	8.692e+05	-1.125e+06
49	34	1.119e+06	2.259e+06	-0.40	-2.435e+04	0.0	2095.71	1.124e+04	-4645.79	7.076e+05	2.259e+06	-4.155e+05
		-1.476e+06	-8.418e+05	1.64	0.0	324.0	2095.71	-1327.88	-4645.79	7.076e+05	7.085e+05	1.084e+06
						648.1	2095.71	-1.312e+04	-4645.79	7.076e+05	-8.418e+05	-1.476e+06
49	35	8.276e+05	8.875e+05	-0.47	-2.435e+04	0.0	-6320.01	1.252e+04	4734.33	-5.912e+05	-2.270e+06	-1.299e+06
		-1.299e+06	-2.270e+06	-1.65	0.0	324.0	-6320.01	-49.37	4734.33	-5.912e+05	-6.915e+05	8.276e+05
						648.1	-6320.01	-1.184e+04	4734.33	-5.912e+05	8.875e+05	-1.106e+06
49	45	1.003e+06	4.093e+05	-0.45	-2.435e+04	0.0	-826.65	1.021e+04	-747.01	-7.815e+04	4.093e+05	-3.175e+05
		-1.873e+06	-3.038e+04	-0.26	0.0	324.0	-826.65	-2360.38	-747.01	-7.815e+04	1.895e+05	9.347e+05
						648.1	-826.65	-1.415e+04	-747.01	-7.815e+04	-3.038e+04	-1.873e+06
49	58	1.066e+06	1.077e+06	-0.42	-2.435e+04	0.0	405.24	1.111e+04	-2109.64	3.622e+05	1.077e+06	-5.806e+05
		-1.387e+06	-4.599e+05	0.81	0.0	324.0	405.24	-1458.04	-2109.64	3.622e+05	3.085e+05	1.046e+06
						648.1	405.24	-1.325e+04	-2109.64	3.622e+05	-4.599e+05	-1.387e+06
49	59	8.653e+05	5.057e+05	-0.42	-2.435e+04	0.0	-4629.54	1.265e+04	2198.18	-2.458e+05	-1.089e+06	-1.134e+06
		-1.195e+06	-1.089e+06	-0.81	0.0	324.0	-4629.54	80.79	2198.18	-2.458e+05	-2.915e+05	8.653e+05
						648.1	-4629.54	-1.171e+04	2198.18	-2.458e+05	5.057e+05	-1.195e+06
49	66	1.045e+06	1.207e+06	-0.41	-2.435e+04	0.0	158.26	1.151e+04	-2464.09	3.997e+05	1.207e+06	-6.073e+05
		-1.400e+06	-4.450e+05	0.85	0.0	324.0	158.26	-1058.70	-2464.09	3.997e+05	3.811e+05	1.026e+06
						648.1	158.26	-1.285e+04	-2464.09	3.997e+05	-4.450e+05	-1.400e+06
49	67	8.853e+05	4.908e+05	-0.44	-2.435e+04	0.0	-4382.56	1.225e+04	2552.63	-2.834e+05	-1.219e+06	-1.107e+06
		-1.182e+06	-1.219e+06	-0.86	0.0	324.0	-4382.56	-318.55	2552.63	-2.834e+05	-3.641e+05	8.853e+05
						648.1	-4382.56	-1.211e+04	2552.63	-2.834e+05	4.908e+05	-1.182e+06
49	69	9.199e+05	2.234e+04	-0.41	-2.340e+04	0.0	-2043.66	1.141e+04	42.76	5.633e+04	-5372.93	-8.198e+05
		-1.241e+06	-5372.93	-3.44e-03	0.0	324.0	-2043.66	-668.30	42.76	5.633e+04	8482.31	9.199e+05
						648.1	-2043.66	-1.200e+04	42.76	5.633e+04	2.234e+04	-1.241e+06
49	70	1.040e+06	2.412e+04	-0.45	-2.657e+04	0.0	-2271.97	1.298e+04	47.80	6.253e+04	-6855.04	-9.442e+05
		-1.408e+06	-6855.04	-3.79e-03	0.0	324.0	-2271.97	-736.05	47.80	6.253e+04	8632.82	1.040e+06
						648.1	-2271.97	-1.359e+04	47.80	6.253e+04	2.412e+04	-1.408e+06
49	71	9.199e+05	2.234e+04	-0.41	-2.340e+04	0.0	-2043.66	1.141e+04	42.76	5.633e+04	-5372.93	-8.198e+05
		-1.241e+06	-5372.93	-3.44e-03	0.0	324.0	-2043.66	-668.30	42.76	5.633e+04	8482.31	9.199e+05
						648.1	-2043.66	-1.200e+04	42.76	5.633e+04	2.234e+04	-1.241e+06
49	72	9.797e+05	2.323e+04	-0.43	-2.499e+04	0.0	-2157.81	1.219e+04	45.28	5.943e+04	-6113.99	-8.820e+05
		-1.324e+06	-6113.99	-3.61e-03	0.0	324.0	-2157.81	-702.18	45.28	5.943e+04	8557.56	9.797e+05
						648.1	-2157.81	-1.279e+04	45.28	5.943e+04	2.323e+04	-1.324e+06
49	73	9.199e+05	2.234e+04	-0.41	-2.340e+04	0.0	-2043.66	1.141e+04	42.76	5.633e+04	-5372.93	-8.198e+05
		-1.241e+06	-5372.93	-3.44e-03	0.0	324.0	-2043.66	-668.30	42.76	5.633e+04	8482.31	9.199e+05
						648.1	-2043.66	-1.200e+04	42.76	5.633e+04	2.234e+04	-1.241e+06
49	74	9.558e+05	2.287e+04	-0.42	-2.435e+04	0.0	-2112.15	1.188e+04	44.27	5.819e+04	-5817.56	-8.571e+05
		-1.291e+06	-5817.56	-3.54e-03	0.0	324.0	-2112.15	-688.62	44.27	5.819e+04	8527.46	9.558e+05
						648.1	-2112.15	-1.248e+04	44.27	5.819e+04	2.287e+04	-1.291e+06
50	2	7.305e+05	3.458e+04	-0.14	-3.101e+04	0.0	-2853.38	1.590e+04	-121.30	-2.784e+05	3.458e+04	-1.603e+06
		-1.603e+06	-3.485e+04	0.02	0.0	286.2	-2853.38	404.04	-121.30	-2.784e+05	-137.13	7.305e+05
						572.4	-2853.38	-1.510e+04	-121.30	-2.784e+05	-3.485e+04	-1.373e+06
50	3	4.875e+05	2.445e+04	-0.09	-2.068e+04	0.0	-1982.81	1.061e+04	-86.20	-1.850e+05	2.445e+04	-1.070e+06
		-1.070e+06	-2.489e+04	0.01	0.0	286.2	-1982.81	271.65	-86.20	-1.850e+05	-219.34	4.875e+05
						572.4	-1982.81	-1.007e+04	-86.20	-1.850e+05	-2.489e+04	-9.144e+05
50	19	8.410e+05	4.840e+05	0.11	-2.150e+04	0.0	-7633.85	1.573e+04	329.69	-3.842e+05	4.840e+05	-2.449e+06
		-2.449e+06	4.134e+05	-0.39	0.0	286.2	-7633.85	4976.02	329.69	-3.842e+05	4.487e+05	5.136e+05
						572.4	-7633.85	-5777.30	329.69	-3.842e+05	4.134e+05	3.990e+05
50	26	6.723e+05	-8.155e+05	-0.43	-2.150e+04	0.0	8582.33	6560.98	-2940.39	4.233e+05	-8.155e+05	9.960e+04
		-2.299e+06	-1.320e+06	1.50	0.0	286.2	8582.33	-4188.63	-2940.39	4.233e+05	-1.068e+06	4.390e+05
						572.4	8582.33	-1.494e+04	-2940.39	4.233e+05	-1.320e+06	-2.299e+06
50	27	8.701e+05	1.269e+06	0.42	-2.150e+04	0.0	-1.266e+04	1.550e+04	2764.29	-8.086e+05	8.655e+05	-2.324e+06
		-2.324e+06	8.655e+05	-1.48	0.0	286.2	-1.266e+04	4752.28	2764.29	-8.086e+05	1.067e+06	5.747e+05
						572.4	-1.266e+04	-6001.04	2764.29	-8.086e+05	1.269e+06	3.962e+05
50	29	7.163e+05	1.835e+06	0.47	-2.150e+04	0.0	-1.053e+04	1.409e+04	3189.11	-7.172e+05	4.764e+05	-1.920e+06
		-1.920e+06	4.764e+05	-1.30	0.0	286.2	-1.053e+04	3336.46	3189.11	-7.172e+05	1.155e+06	5.737e+05
						572.4	-1.053e+04	-7416.86	3189.11	-7.172e+05	1.835e+06	-1.004e+04
50	32	5.422e+05	-4.264e+05	-0.48	-2.150e+04	0.0	6450.48	7976.80	-3365.21	3.320e+05	-4.264e+05	-3.048e+05
		-1.892e+06	-1.885e+06	1.33	0.0	286.2	6450.48	-2772.80	-3365.21	3.320e+05	-1.156e+06	4.400e+05
						572.4	6450.48	-1.353e+04	-3365.21	3.320e+05	-1.885e+06	-1.892e+06
50	35	9.087e+05	1.743e+06	0.45	-2.150e+04	0.0	-1.215e+04	1.582e+04	2922.98	-7.420e+05	6.639e+05	-2.423e+06
		-2.423e+06	6.639e+05	-1.33	0.0	286.2	-1.215e+04	5072.95	2922.98	-7.420e+05	1.203e+06	5.674e+05
						572.4	-1.215e+04	-5680.38	2922.98	-7.420e+05	1.743e+06	4.806e+05
50	51	6.236e+05	2.869e+05	-0.07	-2.150e+04	0.0	-5127.91	1.368e+04	132.41	-2.950e+05	2.869e+05	-1.869e+06
		-1.869e+06	2.104e+05	-0.20	0.0	286.2	-5127.91	2934.84	132.41	-2.950e+05	2.487e+05	5.097e+05
						572.4	-5127.91	-7818.49	132.41	-2.950e+05	2.104e+05	-1.890e+05
50	58	5.276e+05	-4.594e+05	-0.23	-2.150e+04	0.0	3602.77	8620.15	-1643.77	1.344e+05	-4.594e+05	-4.574e+05
		-1.677e+06	-7.114e+05	0.80	0.0	286.2	3602.77	-2129.46	-1643.77	1.344e+05	-5.854e+05	4.714e+05
						572.4	3602.77	-1.288e+04	-1643.77	1.344e+05	-7.114e+05	-1.677e+06
50	59	6.389e+05	6.606e+05	0.22	-2.150e+04	0.0	-7678.68	1.344e+04	1467.67	-5.197e+05	5.094e+05	-1.767e+06
		-1.767e+06	5.094e+05	-0.77	0.0	286.2	-7678.68	2693.12	1467.67	-5.197e+05	5.850e+05	5.423e+05
						572.4	-7678.68	-8060.21	1467.67	-5.197e+05	6.606e+05	-2.255e+05
50	61	5.847e+05	9.826e+05	0.24	-2.150e+04	0.0	-6484.35	1.261e+04	1734.18	-4.710e+05	2.757e+05	-1.528e+06
		-1.528e+06	2.757e+05	-0.68	0.0	286.2	-6484.35	1858.39	1734.18	-4.710e+05	6.292e+05	5.423e+05

					572.4	-6484.35	-8894.93	1734.18	-4.710e+05	9.826e+05	-4.646e+05
50	64	4.937e+05 -2.257e+05 -1.438e+06 -1.033e+06	-0.26 -2.150e+04 0.71 0.0		0.0	2408.44	9454.87	-1910.28	8.574e+04	-2.257e+05	-6.963e+05
					286.2	2408.44	-1294.73	-1910.28	8.574e+04	-6.295e+05	4.715e+05
					572.4	2408.44	-1.205e+04	-1910.28	8.574e+04	-1.033e+06	-1.438e+06
50	67	6.471e+05 9.312e+05 -1.819e+06 3.829e+05	0.23 -2.150e+04 -0.70 0.0		0.0	-7419.86	1.361e+04	1580.89	-4.846e+05	3.829e+05	-1.819e+06
					286.2	-7419.86	2861.34	1580.89	-4.846e+05	6.571e+05	5.385e+05
					572.4	-7419.86	-7891.98	1580.89	-4.846e+05	9.312e+05	-1.812e+05
50	69	4.875e+05 2.445e+04 -1.070e+06 -2.489e+04	-0.09 -2.068e+04 0.01 0.0		0.0	-1982.81	1.061e+04	-86.20	-1.850e+05	2.445e+04	-1.070e+06
					286.2	-1982.81	271.65	-86.20	-1.850e+05	-219.34	4.875e+05
					572.4	-1982.81	-1.007e+04	-86.20	-1.850e+05	-2.489e+04	-9.144e+05
50	70	5.520e+05 2.631e+04 -1.212e+06 -2.655e+04	-0.11 -2.343e+04 0.01 0.0		0.0	-2166.63	1.202e+04	-92.36	-2.103e+05	2.631e+04	-1.212e+06
					286.2	-2166.63	305.58	-92.36	-2.103e+05	-120.66	5.520e+05
					572.4	-2166.63	-1.141e+04	-92.36	-2.103e+05	-2.655e+04	-1.037e+06
50	71	4.875e+05 2.445e+04 -1.070e+06 -2.489e+04	-0.09 -2.068e+04 0.01 0.0		0.0	-1982.81	1.061e+04	-86.20	-1.850e+05	2.445e+04	-1.070e+06
					286.2	-1982.81	271.65	-86.20	-1.850e+05	-219.34	4.875e+05
					572.4	-1982.81	-1.007e+04	-86.20	-1.850e+05	-2.489e+04	-9.144e+05
50	72	5.198e+05 2.538e+04 -1.141e+06 -2.572e+04	-0.10 -2.205e+04 0.01 0.0		0.0	-2074.72	1.131e+04	-89.28	-1.977e+05	2.538e+04	-1.141e+06
					286.2	-2074.72	288.61	-89.28	-1.977e+05	-170.00	5.198e+05
					572.4	-2074.72	-1.074e+04	-89.28	-1.977e+05	-2.572e+04	-9.757e+05
50	73	4.875e+05 2.445e+04 -1.070e+06 -2.489e+04	-0.09 -2.068e+04 0.01 0.0		0.0	-1982.81	1.061e+04	-86.20	-1.850e+05	2.445e+04	-1.070e+06
					286.2	-1982.81	271.65	-86.20	-1.850e+05	-219.34	4.875e+05
					572.4	-1982.81	-1.007e+04	-86.20	-1.850e+05	-2.489e+04	-9.144e+05
50	74	5.069e+05 2.501e+04 -1.112e+06 -2.539e+04	-0.10 -2.150e+04 0.01 0.0		0.0	-2037.95	1.103e+04	-88.05	-1.926e+05	2.501e+04	-1.112e+06
					286.2	-2037.95	281.83	-88.05	-1.926e+05	-189.74	5.069e+05
					572.4	-2037.95	-1.047e+04	-88.05	-1.926e+05	-2.539e+04	-9.512e+05
51	2	8.128e+05 2327.34 -1.536e+06 -3.193e+04	-0.18 -3.228e+04 -3.28e-03 0.0		0.0	-2934.67	1.605e+04	59.48	6.146e+04	-3.193e+04	-1.487e+06
					288.0	-2934.67	-86.63	59.48	6.146e+04	-1.480e+04	8.128e+05
					576.0	-2934.67	-1.623e+04	59.48	6.146e+04	2327.34	-1.536e+06
51	3	5.404e+05 1449.25 -1.022e+06 -2.276e+04	-0.12 -2.146e+04 -2.11e-03 0.0		0.0	-2023.50	1.067e+04	42.02	4.111e+04	-2.276e+04	-9.882e+05
					288.0	-2023.50	-58.38	42.02	4.111e+04	-1.065e+04	5.404e+05
					576.0	-2023.50	-1.079e+04	42.02	4.111e+04	1449.25	-1.022e+06
51	16	7.295e+05 -3.367e+05 -2.276e+06 -4.606e+05	0.09 -2.234e+04 0.11 0.0		0.0	-2883.58	1.527e+04	43.29	2.451e+04	-4.606e+05	-2.276e+06
					288.0	-2883.58	4099.18	43.29	2.451e+04	-3.987e+05	5.129e+05
					576.0	-2883.58	-7070.33	43.29	2.451e+04	-3.367e+05	8.538e+04
51	17	8.435e+05 5.815e+05 -2.205e+06 1.845e+05	-0.20 -2.234e+04 0.06 0.0		0.0	-1292.68	6961.91	-757.49	8.953e+04	5.815e+05	2.188e+05
					288.0	-1292.68	-4207.59	-757.49	8.953e+04	3.830e+05	6.151e+05
					576.0	-1292.68	-1.538e+04	-757.49	8.953e+04	1.845e+05	-2.205e+06
51	29	7.641e+05 1.707e+06 -1.567e+06 9.149e+05	-0.32 -2.234e+04 0.19 0.0		0.0	-1.029e+04	8887.97	-1765.62	-8120.70	1.707e+06	-2.501e+05
					288.0	-1.029e+04	-2281.54	-1765.62	-8120.70	1.311e+06	7.001e+05
					576.0	-1.029e+04	-1.345e+04	-1765.62	-8120.70	9.149e+05	-1.567e+06
51	32	4.801e+05 -9.118e+05 -1.807e+06 -1.753e+06	0.27 -2.234e+04 -0.19 0.0		0.0	6117.35	1.333e+04	1851.61	9.354e+04	-1.753e+06	-1.807e+06
					288.0	6117.35	2160.48	1851.61	9.354e+04	-1.333e+06	4.248e+05
					576.0	6117.35	-9009.03	1851.61	9.354e+04	-9.118e+05	-5.603e+05
51	34	4.305e+05 -1.017e+06 -1.289e+06 -1.645e+06	0.26 -2.234e+04 -0.19 0.0		0.0	8196.17	1.155e+04	1499.14	1.480e+05	-1.645e+06	-1.289e+06
					288.0	8196.17	380.31	1499.14	1.480e+05	-1.331e+06	4.305e+05
					576.0	8196.17	-1.079e+04	1499.14	1.480e+05	-1.017e+06	-1.067e+06
51	35	6.944e+05 1.598e+06 -1.060e+06 1.020e+06	-0.32 -2.234e+04 0.19 0.0		0.0	-1.236e+04	1.067e+04	-1413.16	-6.256e+04	1.598e+06	-7.685e+05
					288.0	-1.236e+04	-501.37	-1413.16	-6.256e+04	1.309e+06	6.944e+05
					576.0	-1.236e+04	-1.167e+04	-1413.16	-6.256e+04	1.020e+06	-1.060e+06
51	48	6.022e+05 -1.797e+05 -1.740e+06 -2.579e+05	-0.09 -2.234e+04 0.06 0.0		0.0	-2681.83	1.349e+04	39.10	3.080e+04	-2.579e+05	-1.740e+06
					288.0	-2681.83	2316.30	39.10	3.080e+04	-2.188e+05	5.359e+05
					576.0	-2681.83	-8853.20	39.10	3.080e+04	-1.797e+05	-4.052e+05
51	61	6.554e+05 9.164e+05 -1.340e+06 4.821e+05	-0.22 -2.234e+04 0.10 0.0		0.0	-6360.90	9899.67	-977.85	1.324e+04	9.164e+05	-6.073e+05
					288.0	-6360.90	-1269.84	-977.85	1.324e+04	6.993e+05	6.347e+05
					576.0	-6360.90	-1.244e+04	-977.85	1.324e+04	4.821e+05	-1.340e+06
51	64	5.064e+05 -4.791e+05 -1.450e+06 -9.628e+05	0.14 -2.234e+04 -0.10 0.0		0.0	2192.25	1.232e+04	1063.84	7.218e+04	-9.628e+05	-1.450e+06
					288.0	2192.25	1148.78	1063.84	7.218e+04	-7.209e+05	4.901e+05
					576.0	2192.25	-1.002e+04	1063.84	7.218e+04	-4.791e+05	-7.867e+05
51	65	6.652e+05 8.920e+05 -1.411e+06 5.029e+05	-0.22 -2.234e+04 0.10 0.0		0.0	-6329.31	9651.77	-892.85	7467.67	8.920e+05	-5.350e+05
					288.0	-6329.31	-1517.73	-892.85	7467.67	6.975e+05	6.356e+05
					576.0	-6329.31	-1.269e+04	-892.85	7467.67	5.029e+05	-1.411e+06
51	66	4.933e+05 -5.376e+05 -1.151e+06 -9.022e+05	0.14 -2.234e+04 -0.10 0.0		0.0	3390.95	1.129e+04	867.17	1.024e+05	-9.022e+05	-1.151e+06
					288.0	3390.95	122.09	867.17	1.024e+05	-7.199e+05	4.933e+05
					576.0	3390.95	-1.105e+04	867.17	1.024e+05	-5.376e+05	-1.079e+06
51	67	6.315e+05 8.557e+05 -1.048e+06 5.407e+05	-0.22 -2.234e+04 0.10 0.0		0.0	-7559.60	1.093e+04	-781.18	-1.693e+04	8.557e+05	-9.062e+05
					288.0	-7559.60	-243.15	-781.18	-1.693e+04	6.982e+05	6.315e+05
					576.0	-7559.60	-1.141e+04	-781.18	-1.693e+04	5.407e+05	-1.048e+06
51	69	5.404e+05 1449.25 -1.022e+06 -2.276e+04	-0.12 -2.146e+04 -2.11e-03 0.0		0.0	-2023.50	1.067e+04	42.02	4.111e+04	-2.276e+04	-9.882e+05
					288.0	-2023.50	-58.38	42.02	4.111e+04	-1.065e+04	5.404e+05
					576.0	-2023.50	-1.079e+04	42.02	4.111e+04	1449.25	-1.022e+06
51	70	6.139e+05 1744.79 -1.161e+06 -2.432e+04	-0.13 -2.438e+04 -2.47e-03 0.0		0.0	-2226.25	1.213e+04	45.25	4.645e+04	-2.432e+04	-1.123e+06
					288.0	-2226.25	-65.54	45.25	4.645e+04	-1.129e+04	6.139e+05
					576.0	-2226.25	-1.226e+04	45.25	4.645e+04	1744.79	-1.161e+06
51	71	5.404e+05 1449.25 -1.022e+06 -2.276e+04	-0.12 -2.146e+04 -2.11e-03 0.0		0.0	-2023.50	1.067e+04	42.02	4.111e+04	-2.276e+04	-9.882e+05
					288.0	-2023.50	-58.38	42.02	4.111e+04	-1.065e+04	5.404e+05
					576.0	-2023.50	-1.079e+04	42.02	4.111e+04	1449.25	-1.022e+06
51	72	5.771e+05 1597.02	-0.12 -2.292e+04		0.0	-2124.87	1.140e+04	43.64	4.378e+04	-2.354e+04	-1.055e+06

		-1.091e+06	-2.354e+04	-2.29e-03	0.0	288.0	-2124.87	-61.96	43.64	4.378e+04	-1.097e+04	5.771e+05
						576.0	-2124.87	-1.152e+04	43.64	4.378e+04	1597.02	-1.091e+06
51	73	5.404e+05	1449.25	-0.12	-2.146e+04	0.0	-2023.50	1.067e+04	42.02	4.111e+04	-2.276e+04	-9.882e+05
		-1.022e+06	-2.276e+04	-2.11e-03	0.0	288.0	-2023.50	-58.38	42.02	4.111e+04	-1.065e+04	5.404e+05
						576.0	-2023.50	-1.079e+04	42.02	4.111e+04	1449.25	-1.022e+06
51	74	5.624e+05	1537.92	-0.12	-2.234e+04	0.0	-2084.32	1.111e+04	42.99	4.271e+04	-2.323e+04	-1.029e+06
		-1.063e+06	-2.323e+04	-2.22e-03	0.0	288.0	-2084.32	-60.53	42.99	4.271e+04	-1.084e+04	5.624e+05
						576.0	-2084.32	-1.123e+04	42.99	4.271e+04	1537.92	-1.063e+06
52	1	6.346e+05	3526.27	-0.11	-2.790e+04	0.0	-2611.92	1.368e+04	6.64	9644.75	-296.53	-1.297e+06
		-1.452e+06	-296.53	-8.03e-03	0.0	288.0	-2611.92	-268.50	6.64	9644.75	1614.87	6.346e+05
						576.0	-2611.92	-1.422e+04	6.64	9644.75	3526.27	-1.452e+06
52	2	7.353e+05	4191.04	-0.13	-3.228e+04	0.0	-2917.04	1.584e+04	7.41	1.107e+04	-75.31	-1.502e+06
		-1.676e+06	-75.31	-8.65e-03	0.0	288.0	-2917.04	-303.41	7.41	1.107e+04	2057.87	7.353e+05
						576.0	-2917.04	-1.644e+04	7.41	1.107e+04	4191.04	-1.676e+06
52	3	4.881e+05	2712.51	-0.09	-2.146e+04	0.0	-2009.17	1.052e+04	5.11	7419.04	-228.10	-9.977e+05
		-1.117e+06	-228.10	-6.18e-03	0.0	288.0	-2009.17	-206.54	5.11	7419.04	1242.21	4.881e+05
						576.0	-2009.17	-1.094e+04	5.11	7419.04	2712.51	-1.117e+06
52	13	7.575e+05	4.498e+05	-0.12	-2.234e+04	0.0	885.57	6734.01	-378.79	1.887e+05	3.802e+05	1.737e+05
		-2.381e+06	3.802e+05	0.40	0.0	288.0	885.57	-4435.49	-378.79	1.887e+05	4.150e+05	5.047e+05
						576.0	885.57	-1.560e+04	-378.79	1.887e+05	4.498e+05	-2.381e+06
52	22	5.021e+05	-5.309e+05	-0.08	-2.234e+04	0.0	5616.61	1.201e+04	3105.47	-5.068e+05	-1.683e+06	-1.352e+06
		-1.352e+06	-1.683e+06	-1.21	0.0	288.0	5616.61	836.88	3105.47	-5.068e+05	-1.107e+06	4.971e+05
						576.0	5616.61	-1.033e+04	3105.47	-5.068e+05	-5.309e+05	-8.703e+05
52	23	5.398e+05	1.683e+06	-0.10	-2.234e+04	0.0	-9757.00	9905.59	-3094.95	5.222e+05	1.683e+06	-7.250e+05
		-1.453e+06	5.366e+05	1.19	0.0	288.0	-9757.00	-1263.92	-3094.95	5.222e+05	1.110e+06	5.194e+05
						576.0	-9757.00	-1.243e+04	-3094.95	5.222e+05	5.366e+05	-1.453e+06
52	30	4.985e+05	-6.494e+05	-0.08	-2.234e+04	0.0	5886.12	1.193e+04	2821.04	-5.558e+05	-1.247e+06	-1.332e+06
		-1.332e+06	-1.247e+06	-1.33	0.0	288.0	5886.12	763.05	2821.04	-5.558e+05	-9.479e+05	4.962e+05
						576.0	5886.12	-1.041e+04	2821.04	-5.558e+05	-6.494e+05	-8.925e+05
52	31	5.381e+05	1.246e+06	-0.10	-2.234e+04	0.0	-1.003e+04	9979.41	-2810.52	5.712e+05	1.246e+06	-7.453e+05
		-1.431e+06	6.550e+05	1.32	0.0	288.0	-1.003e+04	-1190.10	-2810.52	5.712e+05	9.506e+05	5.204e+05
						576.0	-1.003e+04	-1.236e+04	-2810.52	5.712e+05	6.550e+05	-1.431e+06
52	45	5.945e+05	2.581e+05	-0.10	-2.234e+04	0.0	-273.39	8545.35	-199.28	1.041e+05	2.034e+05	-3.466e+05
		-1.858e+06	2.034e+05	0.21	0.0	288.0	-273.39	-2624.16	-199.28	1.041e+05	2.307e+05	5.061e+05
						576.0	-273.39	-1.379e+04	-199.28	1.041e+05	2.581e+05	-1.858e+06
52	54	5.023e+05	-2.969e+05	-0.08	-2.234e+04	0.0	2057.59	1.148e+04	1737.63	-2.652e+05	-9.118e+05	-1.196e+06
		-1.196e+06	-9.118e+05	-0.64	0.0	288.0	2057.59	310.72	1737.63	-2.652e+05	-6.044e+05	5.023e+05
						576.0	2057.59	-1.086e+04	1737.63	-2.652e+05	-2.969e+05	-1.017e+06
52	55	5.157e+05	9.114e+05	-0.10	-2.234e+04	0.0	-6197.98	1.043e+04	-1727.11	2.806e+05	9.114e+05	-8.817e+05
		-1.307e+06	3.026e+05	0.62	0.0	288.0	-6197.98	-737.77	-1727.11	2.806e+05	6.070e+05	5.143e+05
						576.0	-6197.98	-1.191e+04	-1727.11	2.806e+05	3.026e+05	-1.307e+06
52	62	5.018e+05	-3.738e+05	-0.08	-2.234e+04	0.0	2210.61	1.144e+04	1547.59	-2.907e+05	-6.615e+05	-1.185e+06
		-1.185e+06	-6.615e+05	-0.70	0.0	288.0	2210.61	272.13	1547.59	-2.907e+05	-5.177e+05	5.018e+05
						576.0	2210.61	-1.090e+04	1547.59	-2.907e+05	-3.738e+05	-1.028e+06
52	63	5.148e+05	6.612e+05	-0.10	-2.234e+04	0.0	-6350.99	1.047e+04	-1537.08	3.061e+05	6.612e+05	-8.923e+05
		-1.295e+06	3.795e+05	0.68	0.0	288.0	-6350.99	-699.17	-1537.08	3.061e+05	5.203e+05	5.148e+05
						576.0	-6350.99	-1.187e+04	-1537.08	3.061e+05	3.795e+05	-1.295e+06
52	69	4.881e+05	2712.51	-0.09	-2.146e+04	0.0	-2009.17	1.052e+04	5.11	7419.04	-228.10	-9.977e+05
		-1.117e+06	-228.10	-6.18e-03	0.0	288.0	-2009.17	-206.54	5.11	7419.04	1242.21	4.881e+05
						576.0	-2009.17	-1.094e+04	5.11	7419.04	2712.51	-1.117e+06
52	70	5.553e+05	3155.70	-0.10	-2.438e+04	0.0	-2212.58	1.196e+04	5.62	8372.36	-80.62	-1.134e+06
		-1.267e+06	-80.62	-6.59e-03	0.0	288.0	-2212.58	-229.81	5.62	8372.36	1537.54	5.553e+05
						576.0	-2212.58	-1.242e+04	5.62	8372.36	3155.70	-1.267e+06
52	71	4.881e+05	2712.51	-0.09	-2.146e+04	0.0	-2009.17	1.052e+04	5.11	7419.04	-228.10	-9.977e+05
		-1.117e+06	-228.10	-6.18e-03	0.0	288.0	-2009.17	-206.54	5.11	7419.04	1242.21	4.881e+05
						576.0	-2009.17	-1.094e+04	5.11	7419.04	2712.51	-1.117e+06
52	72	5.217e+05	2934.10	-0.09	-2.292e+04	0.0	-2110.88	1.124e+04	5.36	7895.70	-154.36	-1.066e+06
		-1.192e+06	-154.36	-6.39e-03	0.0	288.0	-2110.88	-218.18	5.36	7895.70	1389.87	5.217e+05
						576.0	-2110.88	-1.168e+04	5.36	7895.70	2934.10	-1.192e+06
52	73	4.881e+05	2712.51	-0.09	-2.146e+04	0.0	-2009.17	1.052e+04	5.11	7419.04	-228.10	-9.977e+05
		-1.117e+06	-228.10	-6.18e-03	0.0	288.0	-2009.17	-206.54	5.11	7419.04	1242.21	4.881e+05
						576.0	-2009.17	-1.094e+04	5.11	7419.04	2712.51	-1.117e+06
52	74	5.083e+05	2845.47	-0.09	-2.234e+04	0.0	-2070.19	1.096e+04	5.26	7705.04	-183.85	-1.039e+06
		-1.162e+06	-183.85	-6.30e-03	0.0	288.0	-2070.19	-213.52	5.26	7705.04	1330.81	5.083e+05
						576.0	-2070.19	-1.138e+04	5.26	7705.04	2845.47	-1.162e+06
53	2	1.202e+06	2768.31	0.28	-3.405e+04	0.0	-2543.50	1.819e+04	-7.48	-4318.38	2768.31	-1.708e+06
		-1.708e+06	-1723.85	-6.18e-03	0.0	300.2	-2543.50	1168.30	-7.48	-4318.38	522.23	1.198e+06
						600.5	-2543.50	-1.585e+04	-7.48	-4318.38	-1723.85	-1.006e+06
53	3	8.085e+05	1651.69	0.19	-2.268e+04	0.0	-1758.47	1.214e+04	-4.08	-2198.38	1651.69	-1.139e+06
		-1.139e+06	-800.08	-4.64e-03	0.0	300.2	-1758.47	804.99	-4.08	-2198.38	425.81	8.049e+05
						600.5	-1758.47	-1.053e+04	-4.08	-2198.38	-800.08	-6.555e+05
53	10	8.212e+05	1.060e+05	-0.15	-2.359e+04	0.0	6012.54	1.098e+04	-1237.76	-1.610e+05	1.060e+05	-7.087e+05
		-1.196e+06	-6.798e+05	-0.90	0.0	300.2	6012.54	-810.35	-1237.76	-1.610e+05	-2.869e+05	8.184e+05
						600.5	6012.54	-1.261e+04	-1237.76	-1.610e+05	-6.798e+05	-1.196e+06
53	11	9.269e+05	6.779e+05	0.26	-2.359e+04	0.0	-9632.48	1.426e+04	1228.73	1.560e+05	-1.025e+05	-1.660e+06
		-1.660e+06	-1.025e+05	0.89	0.0	300.2	-9632.48	2469.06	1228.73	1.560e+05	2.877e+05	8.522e+05
						600.5	-9632.48	-9325.66	1228.73	1.560e+05	6.779e+05	-1.769e+05

53	16	1.134e+06	1.862e+06	0.32	-2.359e+04	0.0	-6866.44	1.644e+04	3883.70	-2.991e+05	-5.263e+05	-2.306e+06
		-2.306e+06	-5.263e+05	-0.54	0.0	300.2	-6866.44	4647.61	3883.70	-2.991e+05	6.681e+05	8.600e+05
						600.5	-6866.44	-7147.11	3883.70	-2.991e+05	1.862e+06	4.848e+05
53	25	8.652e+05	9.232e+05	-0.17	-2.359e+04	0.0	-2820.86	1.016e+04	-5306.64	8.834e+05	9.232e+05	-4.490e+05
		-1.429e+06	-2.381e+06	1.65	0.0	300.2	-2820.86	-1632.01	-5306.64	8.834e+05	-7.286e+05	8.316e+05
						600.5	-2820.86	-1.343e+04	-5306.64	8.834e+05	-2.381e+06	-1.429e+06
53	28	9.754e+05	2.379e+06	0.27	-2.359e+04	0.0	-799.08	1.509e+04	5297.60	-8.884e+05	-9.197e+05	-1.920e+06
		-1.920e+06	-9.197e+05	-1.65	0.0	300.2	-799.08	3290.72	5297.60	-8.884e+05	7.295e+05	8.390e+05
						600.5	-799.08	-8504.00	5297.60	-8.884e+05	2.379e+06	5.640e+04
53	42	8.257e+05	6.062e+04	0.16	-2.359e+04	0.0	2663.08	1.166e+04	-773.74	-8.430e+04	6.062e+04	-9.043e+05
		-9.857e+05	-4.217e+05	-0.49	0.0	300.2	2663.08	-135.24	-773.74	-8.430e+04	-1.805e+05	8.257e+05
						600.5	2663.08	-1.193e+04	-773.74	-8.430e+04	-4.217e+05	-9.857e+05
53	43	8.847e+05	4.198e+05	0.23	-2.359e+04	0.0	-6283.02	1.359e+04	764.70	7.931e+04	-5.707e+04	-1.464e+06
		-1.464e+06	-5.707e+04	0.48	0.0	300.2	-6283.02	1793.95	764.70	7.931e+04	1.814e+05	8.450e+05
						600.5	-6283.02	-1.000e+04	764.70	7.931e+04	4.198e+05	-3.869e+05
53	48	9.651e+05	1.045e+06	0.26	-2.359e+04	0.0	-4766.62	1.481e+04	2173.92	-1.594e+05	-2.942e+05	-1.825e+06
		-1.825e+06	-2.942e+05	-0.28	0.0	300.2	-4766.62	3011.93	2173.92	-1.594e+05	3.752e+05	8.496e+05
						600.5	-4766.62	-8782.79	2173.92	-1.594e+05	1.045e+06	-1.668e+04
53	57	8.330e+05	5.037e+05	0.15	-2.359e+04	0.0	-2259.92	1.127e+04	-2842.17	4.647e+05	5.037e+05	-7.801e+05
		-1.095e+06	-1.275e+06	0.85	0.0	300.2	-2259.92	-525.02	-2842.17	4.647e+05	-3.855e+05	8.330e+05
						600.5	-2259.92	-1.232e+04	-2842.17	4.647e+05	-1.275e+06	-1.095e+06
53	60	8.920e+05	1.273e+06	0.24	-2.359e+04	0.0	-1360.01	1.398e+04	2833.13	-4.697e+05	-5.002e+05	-1.589e+06
		-1.589e+06	-5.002e+05	-0.86	0.0	300.2	-1360.01	2183.73	2833.13	-4.697e+05	3.863e+05	8.377e+05
						600.5	-1360.01	-9610.99	2833.13	-4.697e+05	1.273e+06	-2.773e+05
53	69	8.085e+05	1651.69	0.19	-2.268e+04	0.0	-1758.47	1.214e+04	-4.08	-2198.38	1651.69	-1.139e+06
		-1.139e+06	-800.08	-4.64e-03	0.0	300.2	-1758.47	804.99	-4.08	-2198.38	425.81	8.049e+05
						600.5	-1758.47	-1.053e+04	-4.08	-2198.38	-800.08	-6.555e+05
53	70	9.094e+05	2065.76	0.21	-2.572e+04	0.0	-1930.13	1.375e+04	-5.53	-3172.04	2065.76	-1.290e+06
		-1.290e+06	-1255.91	-4.74e-03	0.0	300.2	-1930.13	886.20	-5.53	-3172.04	404.93	9.063e+05
						600.5	-1930.13	-1.197e+04	-5.53	-3172.04	-1255.91	-7.583e+05
53	71	8.085e+05	1651.69	0.19	-2.268e+04	0.0	-1758.47	1.214e+04	-4.08	-2198.38	1651.69	-1.139e+06
		-1.139e+06	-800.08	-4.64e-03	0.0	300.2	-1758.47	804.99	-4.08	-2198.38	425.81	8.049e+05
						600.5	-1758.47	-1.053e+04	-4.08	-2198.38	-800.08	-6.555e+05
53	72	8.590e+05	1858.73	0.20	-2.420e+04	0.0	-1844.30	1.294e+04	-4.81	-2685.21	1858.73	-1.215e+06
		-1.215e+06	-1027.99	-4.69e-03	0.0	300.2	-1844.30	845.60	-4.81	-2685.21	415.37	8.556e+05
						600.5	-1844.30	-1.125e+04	-4.81	-2685.21	-1027.99	-7.069e+05
53	73	8.085e+05	1651.69	0.19	-2.268e+04	0.0	-1758.47	1.214e+04	-4.08	-2198.38	1651.69	-1.139e+06
		-1.139e+06	-800.08	-4.64e-03	0.0	300.2	-1758.47	804.99	-4.08	-2198.38	425.81	8.049e+05
						600.5	-1758.47	-1.053e+04	-4.08	-2198.38	-800.08	-6.555e+05
53	74	8.388e+05	1775.91	0.19	-2.359e+04	0.0	-1809.97	1.262e+04	-4.52	-2490.48	1775.91	-1.184e+06
		-1.184e+06	-936.83	-4.67e-03	0.0	300.2	-1809.97	829.36	-4.52	-2490.48	419.54	8.353e+05
						600.5	-1809.97	-1.097e+04	-4.52	-2490.48	-936.83	-6.863e+05
54	2	1.390e+06	2.650e+04	-0.53	-3.828e+04	0.0	-3072.95	1.789e+04	60.02	1.386e+04	-9536.38	-1.109e+06
		-1.862e+06	-9536.38	-2.18e-03	0.0	300.2	-3072.95	-1253.94	60.02	1.386e+04	8483.55	1.388e+06
						600.5	-3072.95	-2.039e+04	60.02	1.386e+04	2.650e+04	-1.862e+06
54	3	9.327e+05	1.948e+04	-0.35	-2.542e+04	0.0	-2111.98	1.184e+04	44.39	8455.37	-7172.68	-7.169e+05
		-1.240e+06	-7172.68	-1.55e-03	0.0	300.2	-2111.98	-870.28	44.39	8455.37	6155.29	9.298e+05
						600.5	-2111.98	-1.358e+04	44.39	8455.37	1.948e+04	-1.240e+06
54	14	1.499e+06	2.204e+05	-0.52	-2.647e+04	0.0	397.46	7803.27	-400.73	2.085e+05	2.204e+05	8.109e+05
		-2.450e+06	-3.140e+04	0.40	0.0	300.2	397.46	-5429.93	-400.73	2.085e+05	9.452e+04	1.167e+06
						600.5	397.46	-1.866e+04	-400.73	2.085e+05	-3.140e+04	-2.450e+06
54	17	1.478e+06	5.222e+05	-0.51	-2.647e+04	0.0	1828.31	7896.60	2424.47	-3.000e+05	-1.003e+06	7.792e+05
		-2.448e+06	-1.003e+06	-0.55	0.0	300.2	1828.31	-5336.60	2424.47	-3.000e+05	-2.402e+05	1.152e+06
						600.5	1828.31	-1.857e+04	2424.47	-3.000e+05	5.222e+05	-2.448e+06
54	18	1.505e+06	3.164e+05	-0.53	-2.647e+04	0.0	352.03	7810.16	-672.27	2.378e+05	3.164e+05	8.088e+05
		-2.426e+06	-5.912e+04	0.43	0.0	300.2	352.03	-5423.04	-672.27	2.378e+05	1.286e+05	1.178e+06
						600.5	352.03	-1.866e+04	-672.27	2.378e+05	-5.912e+04	-2.426e+06
54	20	9.240e+05	9.882e+05	-0.24	-2.647e+04	0.0	-6183.22	1.678e+04	-2334.76	3.181e+05	9.882e+05	-2.284e+06
		-2.284e+06	-4.827e+05	0.55	0.0	300.2	-6183.22	3547.01	-2334.76	3.181e+05	5.227e+05	7.792e+05
						600.5	-6183.22	-9686.18	-2334.76	3.181e+05	-4.827e+05	-1.313e+05
54	30	1.103e+06	2.521e+06	-0.43	-2.647e+04	0.0	-3897.89	1.111e+04	-5885.14	8.819e+05	2.521e+06	-3.286e+05
		-1.527e+06	-1.097e+06	1.60	0.0	300.2	-3897.89	-2118.93	-5885.14	8.819e+05	7.121e+05	1.059e+06
						600.5	-3897.89	-1.535e+04	-5885.14	8.819e+05	-1.097e+06	-1.527e+06
54	31	8.724e+05	1.136e+06	-0.31	-2.647e+04	0.0	-457.01	1.356e+04	5974.85	-8.638e+05	-2.535e+06	-1.176e+06
		-1.176e+06	-2.535e+06	-1.60	0.0	300.2	-457.01	329.35	5974.85	-8.638e+05	-6.996e+05	8.724e+05
						600.5	-457.01	-1.290e+04	5974.85	-8.638e+05	1.136e+06	-1.053e+06
54	46	1.221e+06	9.775e+04	-0.46	-2.647e+04	0.0	-659.97	9723.15	-162.18	1.131e+05	9.775e+04	1.492e+05
		-1.959e+06	-6573.07	0.21	0.0	300.2	-659.97	-3510.05	-162.18	1.131e+05	4.559e+04	1.082e+06
						600.5	-659.97	-1.674e+04	-162.18	1.131e+05	-6573.07	-1.959e+06
54	49	1.210e+06	2.960e+05	-0.45	-2.647e+04	0.0	100.75	9776.95	1338.48	-1.550e+05	-5.485e+05	1.309e+05
		-1.958e+06	-5.485e+05	-0.29	0.0	300.2	100.75	-3456.24	1338.48	-1.550e+05	-1.262e+05	1.073e+06
						600.5	100.75	-1.669e+04	1338.48	-1.550e+05	2.960e+05	-1.958e+06
54	50	1.226e+06	1.481e+05	-0.46	-2.647e+04	0.0	-686.91	9727.03	-294.86	1.286e+05	1.481e+05	1.480e+05
		-1.945e+06	-1.361e+04	0.22	0.0	300.2	-686.91	-3506.16	-294.86	1.286e+05	6.725e+04	1.088e+06
						600.5	-686.91	-1.674e+04	-294.86	1.286e+05	-1.361e+04	-1.945e+06
54	52	8.905e+05	5.340e+05	-0.29	-2.647e+04	0.0	-4455.66	1.490e+04	-1248.77	1.731e+05	5.340e+05	-1.635e+06
		-1.635e+06	-2.566e+05	0.29	0.0	300.2	-4455.66	1666.66	-1248.77	1.731e+05	1.387e+05	8.581e+05

54	62	1.046e+06	1.345e+06	-0.40	-2.647e+04	600.5	-4455.66	-1.157e+04	-1248.77	1.731e+05	-2.566e+05	-6.216e+05
		-1.426e+06	-5.817e+05	0.83	0.0	0.0	-3063.63	1.163e+04	-3125.03	4.685e+05	1.345e+06	-5.083e+05
						300.2	-3063.63	-1599.76	-3125.03	4.685e+05	3.818e+05	1.020e+06
54	63	9.119e+05	6.212e+05	-0.33	-2.647e+04	600.5	-3063.63	-1.483e+04	-3125.03	4.685e+05	-5.817e+05	-1.426e+06
		-1.153e+06	-1.360e+06	-0.83	0.0	0.0	-1291.28	1.304e+04	3214.73	-4.505e+05	-1.360e+06	-9.962e+05
						300.2	-1291.28	-189.82	3214.73	-4.505e+05	-3.693e+05	9.119e+05
54	69	9.327e+05	1.948e+04	-0.35	-2.542e+04	600.5	-1291.28	-1.342e+04	3214.73	-4.505e+05	6.212e+05	-1.153e+06
		-1.240e+06	-7172.68	-1.55e-03	0.0	0.0	-2111.98	1.184e+04	44.39	8455.37	-7172.68	-7.169e+05
						300.2	-2111.98	-870.28	44.39	8455.37	6155.29	9.298e+05
54	70	1.051e+06	2.027e+04	-0.40	-2.891e+04	600.5	-2111.98	-1.358e+04	44.39	8455.37	1.948e+04	-1.240e+06
		-1.406e+06	-7313.94	-1.66e-03	0.0	0.0	-2330.23	1.350e+04	45.93	1.037e+04	-7313.94	-8.347e+05
						300.2	-2330.23	-951.99	45.93	1.037e+04	6476.41	1.049e+06
54	71	9.327e+05	1.948e+04	-0.35	-2.542e+04	600.5	-2330.23	-1.541e+04	45.93	1.037e+04	2.027e+04	-1.406e+06
		-1.240e+06	-7172.68	-1.55e-03	0.0	0.0	-2111.98	1.184e+04	44.39	8455.37	-7172.68	-7.169e+05
						300.2	-2111.98	-870.28	44.39	8455.37	6155.29	9.298e+05
54	72	9.920e+05	1.988e+04	-0.38	-2.716e+04	600.5	-2111.98	-1.358e+04	44.39	8455.37	1.948e+04	-1.240e+06
		-1.323e+06	-7243.31	-1.61e-03	0.0	0.0	-2221.11	1.267e+04	45.16	9412.43	-7243.31	-7.758e+05
						300.2	-2221.11	-911.13	45.16	9412.43	6315.85	9.896e+05
54	73	9.327e+05	1.948e+04	-0.35	-2.542e+04	600.5	-2221.11	-1.449e+04	45.16	9412.43	1.988e+04	-1.323e+06
		-1.240e+06	-7172.68	-1.55e-03	0.0	0.0	-2111.98	1.184e+04	44.39	8455.37	-7172.68	-7.169e+05
						300.2	-2111.98	-870.28	44.39	8455.37	6155.29	9.298e+05
54	74	9.683e+05	1.972e+04	-0.37	-2.647e+04	600.5	-2111.98	-1.358e+04	44.39	8455.37	1.948e+04	-1.240e+06
		-1.290e+06	-7215.06	-1.58e-03	0.0	0.0	-2177.45	1.234e+04	44.85	9029.61	-7215.06	-7.523e+05
						300.2	-2177.45	-894.79	44.85	9029.61	6251.63	9.657e+05
55	2	7.577e+05	2.780e+04	-0.12	-3.262e+04	600.5	-2177.45	-1.413e+04	44.85	9029.61	1.972e+04	-1.290e+06
		-1.769e+06	-2.592e+04	0.01	0.0	0.0	-3061.02	1.700e+04	-93.27	8423.35	2.780e+04	-1.769e+06
						288.0	-3061.02	175.52	-93.27	8423.35	943.90	7.577e+05
55	3	5.022e+05	2.045e+04	-0.08	-2.168e+04	576.0	-3061.02	-1.563e+04	-93.27	8423.35	-2.592e+04	-1.510e+06
		-1.177e+06	-1.881e+04	0.01	0.0	0.0	-2097.06	1.129e+04	-68.16	5768.08	2.045e+04	-1.177e+06
						288.0	-2097.06	123.17	-68.16	5768.08	819.42	5.022e+05
55	10	6.181e+05	-1.972e+05	-0.09	-2.257e+04	576.0	-2097.06	-1.039e+04	-68.16	5768.08	-1.881e+04	-1.004e+06
		-1.928e+06	-6.674e+05	0.50	0.0	0.0	-6232.17	8723.75	223.05	1.089e+05	-6.674e+05	-3.610e+05
						288.0	-6232.17	-2906.89	223.05	1.089e+05	-4.323e+05	5.136e+05
55	11	6.573e+05	7.088e+05	-0.11	-2.257e+04	576.0	-6232.17	-1.385e+04	223.05	1.089e+05	-1.972e+05	-1.928e+06
		-2.089e+06	1.590e+05	-0.48	0.0	0.0	1904.11	1.479e+04	-361.23	-9.702e+04	7.088e+05	-2.089e+06
						288.0	1904.11	3159.38	-361.23	-9.702e+04	4.339e+05	5.328e+05
55	15	7.262e+05	1.471e+05	-0.12	-2.257e+04	576.0	1904.11	-7780.29	-361.23	-9.702e+04	1.590e+05	-1.616e+05
		-2.296e+06	4.335e+04	-0.42	0.0	0.0	863.49	1.552e+04	96.04	-1.358e+05	4.335e+04	-2.296e+06
						288.0	863.49	3891.89	96.04	-1.358e+05	9.521e+04	5.365e+05
55	29	5.207e+05	1.459e+06	-0.08	-2.257e+04	576.0	863.49	-7047.79	96.04	-1.358e+05	1.471e+05	5.315e+04
		-1.272e+06	5.803e+05	-1.19	0.0	0.0	-863.08	1.098e+04	2515.56	-5.282e+05	5.803e+05	-1.002e+06
						288.0	-863.08	-655.17	2515.56	-5.282e+05	1.020e+06	5.207e+05
55	32	5.325e+05	-5.389e+05	-0.09	-2.257e+04	576.0	-863.08	-1.159e+04	2515.56	-5.282e+05	1.459e+06	-1.272e+06
		-1.448e+06	-1.497e+06	1.21	0.0	0.0	-3464.97	1.254e+04	-2653.75	5.401e+05	-5.389e+05	-1.448e+06
						288.0	-3464.97	907.67	-2653.75	5.401e+05	-1.018e+06	5.257e+05
55	42	5.499e+05	-1.133e+05	-0.08	-2.257e+04	576.0	-3464.97	-1.003e+04	-2653.75	5.401e+05	-1.497e+06	-8.172e+05
		-1.553e+06	-3.702e+05	0.28	0.0	0.0	-4478.85	1.001e+04	109.92	5.863e+04	-3.702e+05	-7.276e+05
						288.0	-4478.85	-1620.00	109.92	5.863e+04	-2.417e+05	5.177e+05
55	43	5.703e+05	4.116e+05	-0.10	-2.257e+04	576.0	-4478.85	-1.256e+04	109.92	5.863e+04	-1.133e+05	-1.553e+06
		-1.722e+06	7.508e+04	-0.25	0.0	0.0	150.79	1.350e+04	-248.10	-4.673e+04	4.116e+05	-1.722e+06
						288.0	150.79	1872.50	-248.10	-4.673e+04	2.433e+05	5.287e+05
55	47	5.933e+05	6.450e+04	-0.10	-2.257e+04	576.0	150.79	-9067.18	-248.10	-4.673e+04	7.508e+04	-5.363e+05
		-1.843e+06	3.379e+04	-0.22	0.0	0.0	-447.87	1.393e+04	14.24	-6.820e+04	3.379e+04	-1.843e+06
						288.0	-447.87	2297.74	14.24	-6.820e+04	4.914e+04	5.309e+05
55	61	5.218e+05	7.857e+05	-0.08	-2.257e+04	576.0	-447.87	-8641.93	14.24	-6.820e+04	6.450e+04	-4.116e+05
		-1.176e+06	3.194e+05	-0.62	0.0	0.0	-1509.45	1.131e+04	1400.70	-2.780e+05	3.194e+05	-1.097e+06
						288.0	-1509.45	-323.34	1400.70	-2.780e+05	5.525e+05	5.218e+05
55	64	5.246e+05	-2.780e+05	-0.09	-2.257e+04	576.0	-1509.45	-1.126e+04	1400.70	-2.780e+05	7.857e+05	-1.176e+06
		-1.353e+06	-8.239e+05	0.64	0.0	0.0	-2818.61	1.221e+04	-1538.89	2.900e+05	-2.780e+05	-1.353e+06
						288.0	-2818.61	575.84	-1538.89	2.900e+05	-5.509e+05	5.246e+05
55	69	5.022e+05	2.045e+04	-0.08	-2.168e+04	576.0	-2818.61	-1.036e+04	-1538.89	2.900e+05	-8.239e+05	-9.138e+05
		-1.177e+06	-1.881e+04	0.01	0.0	0.0	-2097.06	1.129e+04	-68.16	5768.08	2.045e+04	-1.177e+06
						288.0	-2097.06	123.17	-68.16	5768.08	819.42	5.022e+05
55	70	5.721e+05	2.126e+04	-0.09	-2.464e+04	576.0	-2097.06	-1.039e+04	-68.16	5768.08	-1.881e+04	-1.004e+06
		-1.337e+06	-1.979e+04	0.01	0.0	0.0	-2320.29	1.284e+04	-71.27	6384.64	2.126e+04	-1.337e+06
						288.0	-2320.29	133.44	-71.27	6384.64	738.53	5.721e+05
55	71	5.022e+05	2.045e+04	-0.08	-2.168e+04	576.0	-2320.29	-1.180e+04	-71.27	6384.64	-1.979e+04	-1.140e+06
		-1.177e+06	-1.881e+04	0.01	0.0	0.0	-2097.06	1.129e+04	-68.16	5768.08	2.045e+04	-1.177e+06
						288.0	-2097.06	123.17	-68.16	5768.08	819.42	5.022e+05
55	72	5.372e+05	2.086e+04	-0.09	-2.316e+04	576.0	-2097.06	-1.039e+04	-68.16	5768.08	-1.881e+04	-1.004e+06
		-1.257e+06	-1.930e+04	0.01	0.0	0.0	-2208.67	1.207e+04	-69.71	6076.36	2.086e+04	-1.257e+06
						288.0	-2208.67	128.30	-69.71	6076.36	778.97	5.372e+05
55	73	5.022e+05	2.045e+04	-0.08	-2.168e+04	576.0	-2208.67	-1.110e+04	-69.71	6076.36	-1.930e+04	-1.072e+06
		-1.177e+06	-1.881e+04	0.01	0.0	0.0	-2097.06	1.129e+04	-68.16	5768.08	2.045e+04	-1.177e+06
						288.0	-2097.06	123.17	-68.16	5768.08	819.42	5.022e+05
55	74	5.232e+05	2.069e+04	-0.09	-2.257e+04	576.0	-2097.06	-1.039e+04	-68.16	5768.08	-1.881e+04	-1.004e+06
						0.0	-2164.03	1.176e+04	-69.09	5953.05	2.069e+04	-1.225e+06

		-1.225e+06	-1.910e+04	0.01	0.0	288.0	-2164.03	126.25	-69.09	5953.05	795.15	5.232e+05
						576.0	-2164.03	-1.081e+04	-69.09	5953.05	-1.910e+04	-1.045e+06
56	2	7.193e+05	-216.28	-0.13	-2.983e+04	0.0	-2728.55	1.497e+04	41.83	1332.43	-2.431e+04	-1.443e+06
		-1.443e+06	-2.431e+04	-2.84e-03	0.0	288.0	-2728.55	50.26	41.83	1332.43	-1.226e+04	7.193e+05
						576.0	-2728.55	-1.487e+04	41.83	1332.43	-216.28	-1.414e+06
56	3	4.799e+05	-307.90	-0.09	-1.987e+04	0.0	-1879.06	9969.29	30.01	880.24	-1.760e+04	-9.602e+05
		-9.602e+05	-1.760e+04	-1.79e-03	0.0	288.0	-1879.06	31.91	30.01	880.24	-8951.72	4.799e+05
						576.0	-1879.06	-9905.47	30.01	880.24	-307.90	-9.419e+05
56	4	5.753e+05	-123.91	-0.11	-2.387e+04	0.0	-2164.83	1.197e+04	32.83	1068.36	-1.903e+04	-1.155e+06
		-1.155e+06	-1.903e+04	-2.30e-03	0.0	288.0	-2164.83	40.68	32.83	1068.36	-9578.67	5.753e+05
						576.0	-2164.83	-1.189e+04	32.83	1068.36	-123.91	-1.132e+06
56	15	7.050e+05	5.735e+05	-0.12	-2.067e+04	0.0	3573.12	1.418e+04	799.11	-7.067e+04	9.446e+04	-2.098e+06
		-2.098e+06	9.446e+04	-0.11	0.0	288.0	3573.12	3847.74	799.11	-7.067e+04	3.340e+05	4.987e+05
						576.0	3573.12	-6489.02	799.11	-7.067e+04	5.735e+05	1.184e+05
56	18	6.976e+05	-2.791e+05	-0.11	-2.067e+04	0.0	-7519.15	6562.38	-622.96	6537.38	-2.791e+05	9.783e+04
		-2.076e+06	-4.276e+05	-0.05	0.0	288.0	-7519.15	-3774.38	-622.96	6537.38	-3.534e+05	4.993e+05
						576.0	-7519.15	-1.411e+04	-622.96	6537.38	-4.276e+05	-2.076e+06
56	19	7.043e+05	4.270e+05	-0.12	-2.067e+04	0.0	3646.73	1.418e+04	684.11	-4701.66	2.434e+05	-2.096e+06
		-2.096e+06	2.434e+05	0.05	0.0	288.0	3646.73	3841.70	684.11	-4701.66	3.352e+05	4.987e+05
						576.0	3646.73	-6495.05	684.11	-4701.66	4.270e+05	1.166e+05
56	22	5.122e+05	-7.439e+05	-0.09	-2.067e+04	0.0	-5384.29	9324.47	-1683.81	1.435e+05	-7.439e+05	-6.980e+05
		-1.281e+06	-1.634e+06	0.36	0.0	288.0	-5384.29	-1012.29	-1683.81	1.435e+05	-1.189e+06	4.990e+05
						576.0	-5384.29	-1.135e+04	-1683.81	1.435e+05	-1.634e+06	-1.281e+06
56	23	5.146e+05	1.633e+06	-0.09	-2.067e+04	0.0	1511.87	1.142e+04	1744.97	-1.416e+05	7.082e+05	-1.300e+06
		-1.300e+06	7.082e+05	-0.36	0.0	288.0	1511.87	1079.62	1744.97	-1.416e+05	1.171e+06	4.990e+05
						576.0	1511.87	-9257.14	1744.97	-1.416e+05	1.633e+06	-6.786e+05
56	47	5.666e+05	3.118e+05	-0.10	-2.067e+04	0.0	1212.40	1.257e+04	458.16	-3.878e+04	3.729e+04	-1.633e+06
		-1.633e+06	3.729e+04	-0.06	0.0	288.0	1212.40	2233.11	458.16	-3.878e+04	1.746e+05	4.988e+05
						576.0	1212.40	-8103.65	458.16	-3.878e+04	3.118e+05	-3.465e+05
56	50	5.618e+05	-1.577e+05	-0.10	-2.067e+04	0.0	-5127.95	8174.35	-340.18	4272.75	-1.577e+05	-3.665e+05
		-1.612e+06	-2.293e+05	-0.03	0.0	288.0	-5127.95	-2162.41	-340.18	4272.75	-1.935e+05	4.992e+05
						576.0	-5127.95	-1.250e+04	-340.18	4272.75	-2.293e+05	-1.612e+06
56	51	5.663e+05	2.288e+05	-0.10	-2.067e+04	0.0	1255.53	1.257e+04	401.33	-2437.02	1.219e+05	-1.632e+06
		-1.632e+06	1.219e+05	0.03	0.0	288.0	1255.53	2229.74	401.33	-2437.02	1.754e+05	4.988e+05
						576.0	1255.53	-8107.02	401.33	-2437.02	2.288e+05	-3.475e+05
56	54	4.990e+05	-4.017e+05	-0.09	-2.067e+04	0.0	-3828.24	9768.31	-917.67	7.947e+04	-4.017e+05	-8.258e+05
		-1.153e+06	-8.841e+05	0.19	0.0	288.0	-3828.24	-568.45	-917.67	7.947e+04	-6.429e+05	4.990e+05
						576.0	-3828.24	-1.091e+04	-917.67	7.947e+04	-8.841e+05	-1.153e+06
56	55	4.990e+05	8.836e+05	-0.09	-2.067e+04	0.0	-44.18	1.097e+04	978.82	-7.764e+04	3.660e+05	-1.173e+06
		-1.173e+06	3.660e+05	-0.19	0.0	288.0	-44.18	635.77	978.82	-7.764e+04	6.248e+05	4.990e+05
						576.0	-44.18	-9700.98	978.82	-7.764e+04	8.836e+05	-8.064e+05
56	69	4.799e+05	-307.90	-0.09	-1.987e+04	0.0	-1879.06	9969.29	30.01	880.24	-1.760e+04	-9.602e+05
		-9.602e+05	-1.760e+04	-1.79e-03	0.0	288.0	-1879.06	31.91	30.01	880.24	-8951.72	4.799e+05
						576.0	-1879.06	-9905.47	30.01	880.24	-307.90	-9.419e+05
56	70	5.435e+05	-185.24	-0.10	-2.254e+04	0.0	-2069.57	1.131e+04	31.89	1005.65	-1.855e+04	-1.090e+06
		-1.090e+06	-1.855e+04	-2.13e-03	0.0	288.0	-2069.57	37.76	31.89	1005.65	-9369.69	5.435e+05
						576.0	-2069.57	-1.123e+04	31.89	1005.65	-185.24	-1.068e+06
56	71	4.799e+05	-307.90	-0.09	-1.987e+04	0.0	-1879.06	9969.29	30.01	880.24	-1.760e+04	-9.602e+05
		-9.602e+05	-1.760e+04	-1.79e-03	0.0	288.0	-1879.06	31.91	30.01	880.24	-8951.72	4.799e+05
						576.0	-1879.06	-9905.47	30.01	880.24	-307.90	-9.419e+05
56	72	5.117e+05	-246.57	-0.10	-2.121e+04	0.0	-1974.31	1.064e+04	30.95	942.94	-1.807e+04	-1.025e+06
		-1.025e+06	-1.807e+04	-1.96e-03	0.0	288.0	-1974.31	34.83	30.95	942.94	-9160.71	5.117e+05
						576.0	-1974.31	-1.057e+04	30.95	942.94	-246.57	-1.005e+06
56	73	4.799e+05	-307.90	-0.09	-1.987e+04	0.0	-1879.06	9969.29	30.01	880.24	-1.760e+04	-9.602e+05
		-9.602e+05	-1.760e+04	-1.79e-03	0.0	288.0	-1879.06	31.91	30.01	880.24	-8951.72	4.799e+05
						576.0	-1879.06	-9905.47	30.01	880.24	-307.90	-9.419e+05
56	74	4.990e+05	-271.11	-0.09	-2.067e+04	0.0	-1936.21	1.037e+04	30.58	917.86	-1.788e+04	-9.992e+05
		-9.992e+05	-1.788e+04	-1.89e-03	0.0	288.0	-1936.21	33.66	30.58	917.86	-9077.11	4.990e+05
						576.0	-1936.21	-1.030e+04	30.58	917.86	-271.11	-9.798e+05
57	1	5.774e+05	2521.63	-0.10	-2.584e+04	0.0	-2358.54	1.261e+04	7.59	-856.43	-1852.90	-1.194e+06
		-1.372e+06	-1852.90	-8.12e-03	0.0	288.0	-2358.54	-310.21	7.59	-856.43	334.37	5.774e+05
						576.0	-2358.54	-1.323e+04	7.59	-856.43	2521.63	-1.372e+06
57	2	6.681e+05	3010.14	-0.12	-2.983e+04	0.0	-2632.23	1.457e+04	8.36	-627.75	-1808.00	-1.379e+06
		-1.581e+06	-1808.00	-8.74e-03	0.0	288.0	-2632.23	-350.00	8.36	-627.75	601.07	6.681e+05
						576.0	-2632.23	-1.527e+04	8.36	-627.75	3010.14	-1.581e+06
57	3	4.442e+05	1939.72	-0.08	-1.987e+04	0.0	-1814.26	9698.76	5.84	-658.79	-1425.31	-9.181e+05
		-1.056e+06	-1425.31	-6.25e-03	0.0	288.0	-1814.26	-238.62	5.84	-658.79	257.20	4.442e+05
						576.0	-1814.26	-1.018e+04	5.84	-658.79	1939.72	-1.056e+06
57	14	6.970e+05	-3.302e+04	-0.11	-2.067e+04	0.0	-9757.28	6336.46	1224.92	-1.409e+05	-4.072e+05	1.379e+05
		-2.166e+06	-4.072e+05	-0.40	0.0	288.0	-9757.28	-4000.30	1224.92	-1.409e+05	-2.201e+05	4.743e+05
						576.0	-9757.28	-1.434e+04	1224.92	-1.409e+05	-3.302e+04	-2.166e+06
57	18	6.964e+05	-8.127e+04	-0.11	-2.067e+04	0.0	-9829.83	6341.66	1175.28	-1.562e+05	-2.828e+05	1.363e+05
		-2.165e+06	-2.828e+05	-0.44	0.0	288.0	-9829.83	-3995.10	1175.28	-1.562e+05	-1.820e+05	4.742e+05
						576.0	-9829.83	-1.433e+04	1175.28	-1.562e+05	-8.127e+04	-2.165e+06
57	19	6.193e+05	2.800e+05	-0.11	-2.067e+04	0.0	6091.83	1.384e+04	-1163.29	1.550e+05	2.800e+05	-2.047e+06
		-2.047e+06	8.534e+04	0.42	0.0	288.0	6091.83	3501.93	-1163.29	1.550e+05	1.827e+05	4.504e+05
						576.0	6091.83	-6834.82	-1163.29	1.550e+05	8.534e+04	-2.953e+04

57	22	4.884e+05	-5.044e+05	-0.09	-2.067e+04	0.0	-5737.46	9061.43	3215.11	-5.405e+05	-1.734e+06	-6.554e+05
		-1.390e+06	-1.734e+06	-1.21	0.0	288.0	-5737.46	-1275.33	3215.11	-5.405e+05	-1.119e+06	4.658e+05
						576.0	-5737.46	-1.161e+04	3215.11	-5.405e+05	-5.044e+05	-1.390e+06
57	23	4.638e+05	1.731e+06	-0.08	-2.067e+04	0.0	1999.46	1.112e+04	-3203.12	5.393e+05	1.731e+06	-1.255e+06
		-1.255e+06	5.085e+05	1.19	0.0	288.0	1999.46	782.17	-3203.12	5.393e+05	1.120e+06	4.589e+05
						576.0	1999.46	-9554.59	-3203.12	5.393e+05	5.085e+05	-8.044e+05
57	46	5.498e+05	-1.619e+04	-0.09	-2.067e+04	0.0	-6391.11	7925.53	690.18	-7.442e+04	-2.187e+05	-3.249e+05
		-1.714e+06	-2.187e+05	-0.22	0.0	288.0	-6391.11	-2411.23	690.18	-7.442e+04	-1.174e+05	4.692e+05
						576.0	-6391.11	-1.275e+04	690.18	-7.442e+04	-1.619e+04	-1.714e+06
57	50	5.495e+05	-4.650e+04	-0.09	-2.067e+04	0.0	-6432.97	7928.44	653.89	-8.239e+04	-1.474e+05	-3.257e+05
		-1.713e+06	-1.474e+05	-0.23	0.0	288.0	-6432.97	-2408.32	653.89	-8.239e+04	-9.697e+04	4.692e+05
						576.0	-6432.97	-1.275e+04	653.89	-8.239e+04	-4.650e+04	-1.713e+06
57	51	5.011e+05	1.446e+05	-0.09	-2.067e+04	0.0	2694.98	1.225e+04	-641.90	8.117e+04	1.446e+05	-1.585e+06
		-1.585e+06	5.057e+04	0.22	0.0	288.0	2694.98	1915.15	-641.90	8.117e+04	9.759e+04	4.554e+05
						576.0	2694.98	-8421.60	-641.90	8.117e+04	5.057e+04	-4.815e+05
57	54	4.712e+05	-2.814e+05	-0.08	-2.067e+04	0.0	-4008.61	9497.95	1795.87	-2.867e+05	-9.374e+05	-7.826e+05
		-1.266e+06	-9.374e+05	-0.64	0.0	288.0	-4008.61	-838.81	1795.87	-2.867e+05	-6.094e+05	4.643e+05
						576.0	-4008.61	-1.118e+04	1795.87	-2.867e+05	-2.814e+05	-1.266e+06
57	55	4.603e+05	9.346e+05	-0.08	-2.067e+04	0.0	270.62	1.068e+04	-1783.88	2.855e+05	9.346e+05	-1.128e+06
		-1.128e+06	2.855e+05	0.62	0.0	288.0	270.62	345.65	-1783.88	2.855e+05	6.100e+05	4.603e+05
						576.0	270.62	-9991.11	-1783.88	2.855e+05	2.855e+05	-9.286e+05
57	69	4.442e+05	1939.72	-0.08	-1.987e+04	0.0	-1814.26	9698.76	5.84	-658.79	-1425.31	-9.181e+05
		-1.056e+06	-1425.31	-6.25e-03	0.0	288.0	-1814.26	-238.62	5.84	-658.79	257.20	-1.442e+05
						576.0	-1814.26	-1.018e+04	5.84	-658.79	1939.72	-1.056e+06
57	70	5.046e+05	2265.39	-0.09	-2.254e+04	0.0	-1996.72	1.100e+04	6.36	-506.34	-1395.37	-1.042e+06
		-1.194e+06	-1395.37	-6.66e-03	0.0	288.0	-1996.72	-265.15	6.36	-506.34	435.01	5.046e+05
						576.0	-1996.72	-1.153e+04	6.36	-506.34	2265.39	-1.194e+06
57	71	4.442e+05	1939.72	-0.08	-1.987e+04	0.0	-1814.26	9698.76	5.84	-658.79	-1425.31	-9.181e+05
		-1.056e+06	-1425.31	-6.25e-03	0.0	288.0	-1814.26	-238.62	5.84	-658.79	257.20	4.442e+05
						576.0	-1814.26	-1.018e+04	5.84	-658.79	1939.72	-1.056e+06
57	72	4.744e+05	2102.55	-0.08	-2.121e+04	0.0	-1905.49	1.035e+04	6.10	-582.56	-1410.34	-9.799e+05
		-1.125e+06	-1410.34	-6.45e-03	0.0	288.0	-1905.49	-251.89	6.10	-582.56	346.11	4.744e+05
						576.0	-1905.49	-1.085e+04	6.10	-582.56	2102.55	-1.125e+06
57	73	4.442e+05	1939.72	-0.08	-1.987e+04	0.0	-1814.26	9698.76	5.84	-658.79	-1425.31	-9.181e+05
		-1.056e+06	-1425.31	-6.25e-03	0.0	288.0	-1814.26	-238.62	5.84	-658.79	257.20	4.442e+05
						576.0	-1814.26	-1.018e+04	5.84	-658.79	1939.72	-1.056e+06
57	74	4.623e+05	2037.42	-0.08	-2.067e+04	0.0	-1869.00	1.009e+04	6.00	-613.05	-1416.33	-9.552e+05
		-1.097e+06	-1416.33	-6.37e-03	0.0	288.0	-1869.00	-246.58	6.00	-613.05	310.55	4.623e+05
						576.0	-1869.00	-1.058e+04	6.00	-613.05	2037.42	-1.097e+06
58	1	9.995e+05	3457.03	0.20	-2.733e+04	0.0	-2252.10	1.480e+04	3.85	3171.21	1145.20	-1.402e+06
		-1.402e+06	1145.20	-6.51e-03	0.0	300.2	-2252.10	1132.75	3.85	3171.21	2301.11	9.891e+05
						600.5	-2252.10	-1.253e+04	3.85	3171.21	3457.03	-7.220e+05
58	2	1.140e+06	2971.44	0.23	-3.149e+04	0.0	-2508.05	1.701e+04	2.35	4455.93	1559.73	-1.613e+06
		-1.613e+06	1559.73	-6.84e-03	0.0	300.2	-2508.05	1263.59	2.35	4455.93	2265.59	1.130e+06
						600.5	-2508.05	-1.448e+04	2.35	4455.93	2971.44	-8.547e+05
58	3	7.689e+05	2659.25	0.15	-2.102e+04	0.0	-1732.39	1.138e+04	2.96	2439.39	880.92	-1.079e+06
		-1.079e+06	880.92	-5.01e-03	0.0	300.2	-1732.39	871.34	2.96	2439.39	1770.09	7.608e+05
						600.5	-1732.39	-9638.85	2.96	2439.39	2659.25	-5.554e+05
58	15	1.345e+06	8.651e+04	0.31	-2.185e+04	0.0	8785.73	1.616e+04	-129.59	2.380e+05	8.651e+04	-2.261e+06
		-2.261e+06	1.918e+04	0.44	0.0	300.2	8785.73	5233.84	-129.59	2.380e+05	5.285e+04	9.634e+05
						600.5	8785.73	-5692.72	-129.59	2.380e+05	1.918e+04	9.074e+05
58	16	1.377e+06	1.203e+06	0.31	-2.185e+04	0.0	7403.41	1.626e+04	2523.22	-3.007e+05	-3.951e+05	-2.235e+06
		-2.235e+06	-3.951e+05	-0.54	0.0	300.2	7403.41	5330.93	2523.22	-3.007e+05	4.040e+05	9.927e+05
						600.5	7403.41	-5595.63	2523.22	-3.007e+05	1.203e+06	9.402e+05
58	18	7.740e+05	-8.038e+04	-0.15	-2.185e+04	0.0	-1.242e+04	7481.73	-74.09	-2.035e+05	-8.038e+04	1.760e+04
		-2.073e+06	-9.425e+04	-0.42	0.0	300.2	-1.242e+04	-3444.82	-74.09	-2.035e+05	-8.731e+04	6.127e+05
						600.5	-1.242e+04	-1.437e+04	-74.09	-2.035e+05	-9.425e+04	-2.073e+06
58	19	1.347e+06	9.938e+04	0.32	-2.185e+04	0.0	8849.59	1.617e+04	79.41	2.088e+05	8.230e+04	-2.259e+06
		-2.259e+06	8.230e+04	0.41	0.0	300.2	8849.59	5239.85	79.41	2.088e+05	9.084e+04	9.652e+05
						600.5	8849.59	-5686.70	79.41	2.088e+05	9.938e+04	9.090e+05
58	21	6.929e+05	9.185e+05	0.12	-2.185e+04	0.0	-1607.36	1.060e+04	-5323.40	9.237e+05	9.185e+05	-8.932e+05
		-1.002e+06	-2.426e+06	1.50	0.0	300.2	-1607.36	-323.15	-5323.40	9.237e+05	-7.538e+05	6.929e+05
						600.5	-1607.36	-1.125e+04	-5323.40	9.237e+05	-2.426e+06	-1.002e+06
58	24	9.335e+05	2.431e+06	0.19	-2.185e+04	0.0	-1959.80	1.304e+04	5328.72	-9.184e+05	-9.166e+05	-1.349e+06
		-1.349e+06	-9.166e+05	-1.51	0.0	300.2	-1959.80	2118.18	5328.72	-9.184e+05	7.573e+05	8.850e+05
						600.5	-1959.80	-8808.38	5328.72	-9.184e+05	2.431e+06	-1.622e+05
58	47	1.044e+06	4.276e+04	0.25	-2.185e+04	0.0	4286.38	1.432e+04	-8.15	1.263e+05	4.276e+04	-1.779e+06
		-1.779e+06	4.151e+04	0.23	0.0	300.2	4286.38	3398.26	-8.15	1.263e+05	4.213e+04	8.896e+05
						600.5	4286.38	-7528.29	-8.15	1.263e+05	4.151e+04	2.770e+05
58	48	1.062e+06	6.662e+05	0.25	-2.185e+04	0.0	3540.55	1.438e+04	1392.87	-1.577e+05	-2.185e+05	-1.764e+06
		-1.764e+06	-2.185e+05	-0.28	0.0	300.2	3540.55	3454.12	1392.87	-1.577e+05	2.239e+05	9.064e+05
						600.5	3540.55	-7472.44	1392.87	-1.577e+05	6.662e+05	2.958e+05
58	50	7.228e+05	-4.549e+04	-0.14	-2.185e+04	0.0	-7889.53	9319.93	-82.14	-1.057e+05	-4.549e+04	-4.643e+05
		-1.442e+06	-7.728e+04	-0.22	0.0	300.2	-7889.53	-1606.63	-82.14	-1.057e+05	-6.138e+04	6.873e+05
						600.5	-7889.53	-1.253e+04	-82.14	-1.057e+05	-7.728e+04	-1.442e+06
58	51	1.045e+06	8.240e+04	0.25	-2.185e+04	0.0	4322.38	1.433e+04	87.46	1.110e+05	4.741e+04	-1.777e+06
		-1.777e+06	4.741e+04	0.21	0.0	300.2	4322.38	3401.65	87.46	1.110e+05	6.491e+04	8.906e+05

						600.5	4322.38	-7524.90	87.46	1.110e+05	8.240e+04	2.779e+05
58	53	7.337e+05	5.025e+05	0.14 -2.185e+04		0.0	-1767.37	1.112e+04	-2859.11	4.888e+05	5.025e+05	-9.898e+05
		-9.898e+05	-1.303e+06	0.77	0.0	300.2	-1767.37	194.82	-2859.11	4.888e+05	-4.001e+05	7.337e+05
						600.5	-1767.37	-1.073e+04	-2859.11	4.888e+05	-1.303e+06	-8.235e+05
58	56	8.755e+05	1.308e+06	0.18 -2.185e+04		0.0	-1799.79	1.253e+04	2864.43	-4.834e+05	-5.006e+05	-1.252e+06
		-1.252e+06	-5.006e+05	-0.78	0.0	300.2	-1799.79	1600.21	2864.43	-4.834e+05	4.036e+05	8.442e+05
						600.5	-1799.79	-9326.35	2864.43	-4.834e+05	1.308e+06	-3.404e+05
58	69	7.689e+05	2659.25	0.15 -2.102e+04		0.0	-1732.39	1.138e+04	2.96	2439.39	880.92	-1.079e+06
		-1.079e+06	880.92	-5.01e-03	0.0	300.2	-1732.39	871.34	2.96	2439.39	1770.09	7.608e+05
						600.5	-1732.39	-9638.85	2.96	2439.39	2659.25	-5.554e+05
58	70	8.626e+05	2335.53	0.17 -2.380e+04		0.0	-1903.02	1.286e+04	1.96	3295.87	1157.28	-1.219e+06
		-1.219e+06	1157.28	-5.23e-03	0.0	300.2	-1903.02	958.58	1.96	3295.87	1746.40	8.546e+05
						600.5	-1903.02	-1.094e+04	1.96	3295.87	2335.53	-6.438e+05
58	71	7.689e+05	2659.25	0.15 -2.102e+04		0.0	-1732.39	1.138e+04	2.96	2439.39	880.92	-1.079e+06
		-1.079e+06	880.92	-5.01e-03	0.0	300.2	-1732.39	871.34	2.96	2439.39	1770.09	7.608e+05
						600.5	-1732.39	-9638.85	2.96	2439.39	2659.25	-5.554e+05
58	72	8.157e+05	2497.39	0.16 -2.241e+04		0.0	-1817.70	1.212e+04	2.46	2867.63	1019.10	-1.149e+06
		-1.149e+06	1019.10	-5.12e-03	0.0	300.2	-1817.70	914.96	2.46	2867.63	1758.24	8.077e+05
						600.5	-1817.70	-1.029e+04	2.46	2867.63	2497.39	-5.996e+05
58	73	7.689e+05	2659.25	0.15 -2.102e+04		0.0	-1732.39	1.138e+04	2.96	2439.39	880.92	-1.079e+06
		-1.079e+06	880.92	-5.01e-03	0.0	300.2	-1732.39	871.34	2.96	2439.39	1770.09	7.608e+05
						600.5	-1732.39	-9638.85	2.96	2439.39	2659.25	-5.554e+05
58	74	7.970e+05	2562.13	0.16 -2.185e+04		0.0	-1783.58	1.182e+04	2.66	2696.34	963.83	-1.121e+06
		-1.121e+06	963.83	-5.07e-03	0.0	300.2	-1783.58	897.51	2.66	2696.34	1762.98	7.889e+05
						600.5	-1783.58	-1.003e+04	2.66	2696.34	2562.13	-5.819e+05
59	2	1.267e+06	2.340e+04	-0.49 -3.563e+04		0.0	-2870.11	1.660e+04	50.68	1022.34	-7034.17	-1.047e+06
		-1.775e+06	-7034.17	-1.21e-03	0.0	300.2	-2870.11	-1210.85	50.68	1022.34	8182.62	1.263e+06
						600.5	-2870.11	-1.902e+04	50.68	1022.34	2.340e+04	-1.775e+06
59	3	8.510e+05	1.740e+04	-0.33 -2.370e+04		0.0	-1975.25	1.102e+04	37.72	841.92	-5251.96	-6.811e+05
		-1.182e+06	-5251.96	-9.75e-04	0.0	300.2	-1975.25	-833.69	37.72	841.92	6073.04	8.475e+05
						600.5	-1975.25	-1.268e+04	37.72	841.92	1.740e+04	-1.182e+06
59	6	1.503e+06	7.317e+04	-0.49 -2.466e+04		0.0	6463.18	6494.33	102.35	1.629e+05	-7.992e+04	9.912e+05
		-2.514e+06	-7.992e+04	0.33	0.0	300.2	6463.18	-5837.08	102.35	1.629e+05	-3371.42	1.090e+06
						600.5	6463.18	-1.817e+04	102.35	1.629e+05	7.317e+04	-2.514e+06
59	10	1.500e+06	4.271e+04	-0.49 -2.466e+04		0.0	6501.44	6512.81	-168.32	1.921e+05	9464.71	9.853e+05
		-2.509e+06	9464.71	0.36	0.0	300.2	6501.44	-5818.61	-168.32	1.921e+05	2.609e+04	1.089e+06
						600.5	6501.44	-1.815e+04	-168.32	1.921e+05	4.271e+04	-2.509e+06
59	11	8.714e+05	-7596.55	-0.21 -2.466e+04		0.0	-1.057e+04	1.643e+04	244.42	-1.904e+05	-2.005e+04	-2.412e+06
		-2.412e+06	-2.005e+04	-0.36	0.0	300.2	-1.057e+04	4100.41	244.42	-1.904e+05	-1.382e+04	6.701e+05
						600.5	-1.057e+04	-8231.00	244.42	-1.904e+05	-7596.55	5.001e+04
59	33	9.586e+05	1.042e+06	-0.38 -2.466e+04		0.0	-2955.76	1.056e+04	5850.86	-8.989e+05	-2.555e+06	-3.986e+05
		-1.462e+06	-2.555e+06	-1.66	0.0	300.2	-2955.76	-1770.81	5850.86	-8.989e+05	-7.564e+05	9.210e+05
						600.5	-2955.76	-1.410e+04	5850.86	-8.989e+05	1.042e+06	-1.462e+06
59	36	8.385e+05	2.544e+06	-0.30 -2.466e+04		0.0	-1115.66	1.238e+04	-5774.76	9.005e+05	2.544e+06	-1.029e+06
		-1.029e+06	-1.007e+06	1.66	0.0	300.2	-1115.66	52.61	-5774.76	9.005e+05	7.686e+05	8.385e+05
						600.5	-1115.66	-1.228e+04	-5774.76	9.005e+05	-1.007e+06	-9.969e+05
59	38	1.164e+06	4.502e+04	-0.43 -2.466e+04		0.0	2835.39	8608.59	99.57	8.437e+04	-7.016e+04	2.671e+05
		-1.968e+06	-7.016e+04	0.17	0.0	300.2	2835.39	-3722.82	99.57	8.437e+04	-1.257e+04	1.001e+06
						600.5	2835.39	-1.605e+04	99.57	8.437e+04	4.502e+04	-1.968e+06
59	42	1.163e+06	3.622e+04	-0.43 -2.466e+04		0.0	2856.05	8618.95	-34.34	9.972e+04	-2.301e+04	2.638e+05
		-1.966e+06	-2.301e+04	0.18	0.0	300.2	2856.05	-3712.47	-34.34	9.972e+04	6604.42	1.000e+06
						600.5	2856.05	-1.604e+04	-34.34	9.972e+04	3.622e+04	-1.966e+06
59	43	8.051e+05	1.242e+04	-0.26 -2.466e+04		0.0	-6927.47	1.433e+04	110.44	-9.806e+04	1.242e+04	-1.691e+06
		-1.691e+06	-1109.40	-0.18	0.0	300.2	-6927.47	1994.27	110.44	-9.806e+04	5656.73	7.591e+05
						600.5	-6927.47	-1.034e+04	110.44	-9.806e+04	-1109.40	-4.933e+05
59	65	9.266e+05	5.650e+05	-0.36 -2.466e+04		0.0	-2481.98	1.095e+04	3129.12	-4.738e+05	-1.365e+06	-5.320e+05
		-1.363e+06	-1.365e+06	-0.86	0.0	300.2	-2481.98	-1384.66	3129.12	-4.738e+05	-4.001e+05	9.035e+05
						600.5	-2481.98	-1.372e+04	3129.12	-4.738e+05	5.650e+05	-1.363e+06
59	68	8.560e+05	1.355e+06	-0.32 -2.466e+04		0.0	-1589.43	1.200e+04	-3053.03	4.755e+05	1.355e+06	-8.951e+05
		-1.095e+06	-5.299e+05	0.86	0.0	300.2	-1589.43	-333.53	-3053.03	4.755e+05	4.124e+05	8.560e+05
						600.5	-1589.43	-1.266e+04	-3053.03	4.755e+05	-5.299e+05	-1.095e+06
59	69	8.510e+05	1.740e+04	-0.33 -2.370e+04		0.0	-1975.25	1.102e+04	37.72	841.92	-5251.96	-6.811e+05
		-1.182e+06	-5251.96	-9.75e-04	0.0	300.2	-1975.25	-833.69	37.72	841.92	6073.04	8.475e+05
						600.5	-1975.25	-1.268e+04	37.72	841.92	1.740e+04	-1.182e+06
59	70	9.580e+05	1.792e+04	-0.37 -2.691e+04		0.0	-2176.77	1.254e+04	38.82	793.81	-5389.71	-7.891e+05
		-1.341e+06	-5389.71	-9.36e-04	0.0	300.2	-2176.77	-918.39	38.82	793.81	6264.82	9.551e+05
						600.5	-2176.77	-1.437e+04	38.82	793.81	1.792e+04	-1.341e+06
59	71	8.510e+05	1.740e+04	-0.33 -2.370e+04		0.0	-1975.25	1.102e+04	37.72	841.92	-5251.96	-6.811e+05
		-1.182e+06	-5251.96	-9.75e-04	0.0	300.2	-1975.25	-833.69	37.72	841.92	6073.04	8.475e+05
						600.5	-1975.25	-1.268e+04	37.72	841.92	1.740e+04	-1.182e+06
59	72	9.045e+05	1.766e+04	-0.35 -2.530e+04		0.0	-2076.01	1.178e+04	38.27	817.86	-5320.84	-7.351e+05
		-1.261e+06	-5320.84	-9.56e-04	0.0	300.2	-2076.01	-876.04	38.27	817.86	6168.93	9.013e+05
						600.5	-2076.01	-1.353e+04	38.27	817.86	1.766e+04	-1.261e+06
59	73	8.510e+05	1.740e+04	-0.33 -2.370e+04		0.0	-1975.25	1.102e+04	37.72	841.92	-5251.96	-6.811e+05
		-1.182e+06	-5251.96	-9.75e-04	0.0	300.2	-1975.25	-833.69	37.72	841.92	6073.04	8.475e+05
						600.5	-1975.25	-1.268e+04	37.72	841.92	1.740e+04	-1.182e+06
59	74	8.831e+05	1.755e+04	-0.34 -2.466e+04		0.0	-2035.71	1.147e+04	38.05	827.49	-5293.29	-7.135e+05

		-1.229e+06	-5293.29	-9.64e-04	0.0	300.2	-2035.71	-859.10	38.05	827.49	6130.58	8.798e+05
						600.5	-2035.71	-1.319e+04	38.05	827.49	1.755e+04	-1.229e+06
60	2	7.678e+05	2.487e+04	-0.16	-3.380e+04	0.0	-3108.10	1.724e+04	-85.40	3130.79	2.487e+04	-1.763e+06
		-1.763e+06	-2.432e+04	0.01	0.0	288.0	-3108.10	338.97	-85.40	3130.79	270.89	7.678e+05
						576.0	-3108.10	-1.656e+04	-85.40	3130.79	-2.432e+04	-1.568e+06
60	3	5.091e+05	1.846e+04	-0.11	-2.244e+04	0.0	-2132.55	1.145e+04	-62.73	2428.37	1.846e+04	-1.173e+06
		-1.173e+06	-1.767e+04	0.01	0.0	288.0	-2132.55	229.63	-62.73	2428.37	396.40	5.091e+05
						576.0	-2132.55	-1.099e+04	-62.73	2428.37	-1.767e+04	-1.041e+06
60	7	7.894e+05	9.486e+04	-0.17	-2.337e+04	0.0	-6684.19	1.595e+04	975.90	-1.197e+05	-5.746e+04	-2.364e+06
		-2.364e+06	-5.746e+04	-0.52	0.0	288.0	-6684.19	4262.77	975.90	-1.197e+05	1.870e+04	5.605e+05
						576.0	-6684.19	-7421.53	975.90	-1.197e+05	9.486e+04	1.195e+05
60	8	7.620e+05	-5.077e+05	-0.16	-2.337e+04	0.0	-5593.49	1.604e+04	-383.08	2.263e+05	-5.174e+05	-2.390e+06
		-2.390e+06	-5.174e+05	0.30	0.0	288.0	-5593.49	4356.96	-383.08	2.263e+05	-5.125e+05	5.333e+05
						576.0	-5593.49	-7327.34	-383.08	2.263e+05	-5.077e+05	9.167e+04
60	10	6.863e+05	1.131e+05	-0.12	-2.337e+04	0.0	2311.05	7892.00	-1120.90	1.075e+05	1.131e+05	-7.705e+04
		-2.261e+06	-2.559e+05	0.50	0.0	288.0	2311.05	-3792.30	-1120.90	1.075e+05	-7.139e+04	5.133e+05
						576.0	2311.05	-1.548e+04	-1120.90	1.075e+05	-2.559e+05	-2.261e+06
60	11	7.715e+05	2.200e+05	-0.16	-2.337e+04	0.0	-6710.46	1.595e+04	993.90	-1.027e+05	-7.581e+04	-2.364e+06
		-2.364e+06	-7.581e+04	-0.48	0.0	288.0	-6710.46	4267.74	993.90	-1.027e+05	7.208e+04	5.472e+05
						576.0	-6710.46	-7416.56	993.90	-1.027e+05	2.200e+05	9.373e+04
60	29	5.405e+05	1.460e+06	-0.11	-2.337e+04	0.0	-2923.34	1.056e+04	2153.48	-5.328e+05	8.158e+05	-8.324e+05
		-1.480e+06	8.158e+05	-1.20	0.0	288.0	-2923.34	-1124.36	2153.48	-5.328e+05	1.138e+06	5.263e+05
						576.0	-2923.34	-1.281e+04	2153.48	-5.328e+05	1.460e+06	1.480e+06
60	32	5.656e+05	-7.785e+05	-0.12	-2.337e+04	0.0	-1476.07	1.328e+04	-2280.48	5.376e+05	-7.785e+05	-1.609e+06
		-1.609e+06	-1.496e+06	1.22	0.0	288.0	-1476.07	1599.80	-2280.48	5.376e+05	-1.137e+06	5.343e+05
						576.0	-1476.07	-1.008e+04	-2280.48	5.376e+05	-1.496e+06	-6.875e+05
60	39	6.283e+05	3.768e+04	-0.14	-2.337e+04	0.0	-4756.70	1.424e+04	520.00	-6.050e+04	-1.791e+04	-1.878e+06
		-1.878e+06	-1.791e+04	-0.27	0.0	288.0	-4756.70	2553.01	520.00	-6.050e+04	9885.23	5.477e+05
						576.0	-4756.70	-9131.29	520.00	-6.050e+04	3.768e+04	-3.916e+05
60	40	6.126e+05	-2.820e+05	-0.13	-2.337e+04	0.0	-4179.81	1.429e+04	-239.77	1.229e+05	-2.820e+05	-1.893e+06
		-1.893e+06	-2.827e+05	0.16	0.0	288.0	-4179.81	2607.20	-239.77	1.229e+05	-2.824e+05	5.320e+05
						576.0	-4179.81	-9077.10	-239.77	1.229e+05	-2.827e+05	-4.076e+05
60	42	5.691e+05	7.226e+04	-0.11	-2.337e+04	0.0	372.16	9603.87	-662.56	5.640e+04	7.226e+04	-5.629e+05
		-1.761e+06	-1.452e+05	0.28	0.0	288.0	372.16	-2080.43	-662.56	5.640e+04	-3.649e+04	5.205e+05
						576.0	372.16	-1.376e+04	-662.56	5.640e+04	-1.452e+05	-1.761e+06
60	43	6.189e+05	1.094e+05	-0.14	-2.337e+04	0.0	-4771.57	1.424e+04	535.56	-5.155e+04	-3.499e+04	-1.879e+06
		-1.879e+06	-3.499e+04	-0.26	0.0	288.0	-4771.57	2555.87	535.56	-5.155e+04	3.719e+04	5.400e+05
						576.0	-4771.57	-9128.43	535.56	-5.155e+04	1.094e+05	-4.065e+05
60	61	5.279e+05	7.864e+05	-0.11	-2.337e+04	0.0	-2530.18	1.114e+04	1193.56	-2.821e+05	4.524e+05	-9.974e+05
		-1.312e+06	4.524e+05	-0.62	0.0	288.0	-2530.18	-545.77	1193.56	-2.821e+05	6.194e+05	5.279e+05
						576.0	-2530.18	-1.223e+04	1193.56	-2.821e+05	7.864e+05	-1.312e+06
60	64	5.431e+05	-4.152e+05	-0.12	-2.337e+04	0.0	-1869.23	1.271e+04	-1320.56	2.869e+05	-4.152e+05	-1.444e+06
		-1.444e+06	-8.222e+05	0.65	0.0	288.0	-1869.23	1021.22	-1320.56	2.869e+05	-6.187e+05	5.326e+05
						576.0	-1869.23	-1.066e+04	-1320.56	2.869e+05	-8.222e+05	-1.444e+06
60	69	5.091e+05	1.846e+04	-0.11	-2.244e+04	0.0	-2132.55	1.145e+04	-62.73	2428.37	1.846e+04	-1.173e+06
		-1.173e+06	-1.767e+04	0.01	0.0	288.0	-2132.55	229.63	-62.73	2428.37	396.40	5.091e+05
						576.0	-2132.55	-1.099e+04	-62.73	2428.37	-1.767e+04	-1.041e+06
60	70	5.797e+05	1.904e+04	-0.12	-2.552e+04	0.0	-2356.40	1.302e+04	-65.30	2410.98	1.904e+04	-1.332e+06
		-1.332e+06	-1.857e+04	0.01	0.0	288.0	-2356.40	256.60	-65.30	2410.98	233.45	5.797e+05
						576.0	-2356.40	-1.251e+04	-65.30	2410.98	-1.857e+04	-1.184e+06
60	71	5.091e+05	1.846e+04	-0.11	-2.244e+04	0.0	-2132.55	1.145e+04	-62.73	2428.37	1.846e+04	-1.173e+06
		-1.173e+06	-1.767e+04	0.01	0.0	288.0	-2132.55	229.63	-62.73	2428.37	396.40	5.091e+05
						576.0	-2132.55	-1.099e+04	-62.73	2428.37	-1.767e+04	-1.041e+06
60	72	5.444e+05	1.875e+04	-0.12	-2.398e+04	0.0	-2244.47	1.224e+04	-64.01	2419.68	1.875e+04	-1.253e+06
		-1.253e+06	-1.812e+04	0.01	0.0	288.0	-2244.47	243.11	-64.01	2419.68	314.93	5.444e+05
						576.0	-2244.47	-1.175e+04	-64.01	2419.68	-1.812e+04	-1.112e+06
60	73	5.091e+05	1.846e+04	-0.11	-2.244e+04	0.0	-2132.55	1.145e+04	-62.73	2428.37	1.846e+04	-1.173e+06
		-1.173e+06	-1.767e+04	0.01	0.0	288.0	-2132.55	229.63	-62.73	2428.37	396.40	5.091e+05
						576.0	-2132.55	-1.099e+04	-62.73	2428.37	-1.767e+04	-1.041e+06
60	74	5.303e+05	1.864e+04	-0.11	-2.337e+04	0.0	-2199.70	1.192e+04	-63.50	2423.15	1.864e+04	-1.221e+06
		-1.221e+06	-1.794e+04	0.01	0.0	288.0	-2199.70	237.72	-63.50	2423.15	347.05	5.303e+05
						576.0	-2199.70	-1.145e+04	-63.50	2423.15	-1.794e+04	-1.084e+06
61	2	8.392e+05	-371.35	-0.18	-3.380e+04	0.0	-3149.05	1.690e+04	38.86	-1040.60	-2.275e+04	-1.593e+06
		-1.595e+06	-2.275e+04	-2.53e-03	0.0	288.0	-3149.05	-3.48	38.86	-1040.60	-1.156e+04	8.392e+05
						576.0	-3149.05	-1.690e+04	38.86	-1040.60	-371.35	-1.595e+06
61	3	5.576e+05	-489.45	-0.12	-2.244e+04	0.0	-2158.88	1.122e+04	27.76	-620.98	-1.648e+04	-1.058e+06
		-1.059e+06	-1.648e+04	-1.57e-03	0.0	288.0	-2158.88	-2.54	27.76	-620.98	-8483.61	5.576e+05
						576.0	-2158.88	-1.122e+04	27.76	-620.98	-489.45	-1.059e+06
61	4	6.719e+05	-224.51	-0.14	-2.706e+04	0.0	-2501.39	1.353e+04	30.53	-854.31	-1.781e+04	-1.276e+06
		-1.277e+06	-1.781e+04	-2.06e-03	0.0	288.0	-2501.39	-2.72	30.53	-854.31	-9017.40	6.719e+05
						576.0	-2501.39	-1.353e+04	30.53	-854.31	-224.51	-1.277e+06
61	6	7.992e+05	-3.251e+04	-0.14	-2.337e+04	0.0	-1431.80	7467.99	-1173.19	1.431e+05	-3.251e+04	1.122e+05
		-2.316e+06	-2.201e+05	0.07	0.0	288.0	-1431.80	-4216.31	-1173.19	1.431e+05	-1.263e+05	5.805e+05
						576.0	-1431.80	-1.590e+04	-1173.19	1.431e+05	-2.201e+05	2.316e+06
61	10	8.054e+05	-7.193e+04	-0.15	-2.337e+04	0.0	-1432.76	7477.60	-1078.63	7.700e+04	-1.830e+05	1.093e+05
		-2.290e+06	-1.830e+05	-0.06	0.0	288.0	-1432.76	-4206.70	-1078.63	7.700e+04	-1.275e+05	5.921e+05
						576.0	-1432.76	-1.589e+04	-1078.63	7.700e+04	-7.193e+04	-2.290e+06

61	21	5.930e+05 1.623e+06 -1.415e+06 8.699e+05	-0.12 -2.337e+04 -0.37 0.0	0.0 288.0 576.0	-3984.03 1.060e+04 -3984.03 -1084.87 -3984.03 -1.277e+04	1233.73 -7.724e+04 8.699e+05 -7.898e+05 1233.73 -7.724e+04 1.246e+06 5.803e+05 1233.73 -7.724e+04 1.623e+06 -1.415e+06
61	22	6.055e+05 -7.656e+05 -1.510e+06 -1.477e+06	-0.12 -2.337e+04 0.35 0.0	0.0 288.0 576.0	-322.89 1.027e+04 -322.89 -1418.50 -322.89 -1.310e+04	-1639.43 1.424e+05 -7.656e+05 -6.933e+05 -1639.43 1.424e+05 -1.121e+06 5.807e+05 -1639.43 1.424e+05 -1.477e+06 5.10e+06
61	23	6.049e+05 1.476e+06 -1.509e+06 7.321e+05	-0.13 -2.337e+04 -0.35 0.0	0.0 288.0 576.0	-4131.87 1.310e+04 -4131.87 1413.35 -4131.87 -1.027e+04	1696.05 -1.437e+05 7.321e+05 -1.509e+06 1696.05 -1.437e+05 1.104e+06 5.803e+05 1696.05 -1.437e+05 1.476e+06 -6.952e+05
61	24	5.933e+05 -9.033e+05 -1.413e+06 -1.624e+06	-0.13 -2.337e+04 0.37 0.0	0.0 288.0 576.0	-470.74 1.276e+04 -470.74 1079.71 -470.74 -1.060e+04	-1177.11 7.591e+04 -9.033e+05 -1.413e+06 -1177.11 7.591e+04 -1.263e+06 5.807e+05 -1177.11 7.591e+04 -1.624e+06 -7.909e+05
61	38	6.500e+05 -1.980e+04 -1.801e+06 -1.128e+05	-0.13 -2.337e+04 0.04 0.0	0.0 288.0 576.0	-1796.13 9257.78 -1796.13 -2426.52 -1796.13 -1.411e+04	-641.95 7.885e+04 -1.980e+04 -4.032e+05 -641.95 7.885e+04 -6.632e+04 5.805e+05 -641.95 7.885e+04 -1.128e+05 -1.801e+06
61	42	6.546e+05 -2.875e+04 -1.786e+06 -1.054e+05	-0.13 -2.337e+04 -0.03 0.0	0.0 288.0 576.0	-1796.44 9263.17 -1796.44 -2421.13 -1796.44 -1.411e+04	-596.04 4.246e+04 -1.054e+05 -4.049e+05 -596.04 4.246e+04 -6.706e+04 5.872e+05 -596.04 4.246e+04 -2.875e+04 -1.786e+06
61	53	5.804e+05 8.798e+05 -1.282e+06 4.554e+05	-0.12 -2.337e+04 -0.20 0.0	0.0 288.0 576.0	-3151.00 1.106e+04 -3151.00 -625.28 -3151.00 -1.231e+04	697.04 -4.253e+04 4.554e+05 -9.221e+05 697.04 -4.253e+04 6.676e+05 5.804e+05 697.04 -4.253e+04 8.798e+05 -1.282e+06
61	54	5.837e+05 -4.126e+05 -1.337e+06 -7.972e+05	-0.12 -2.337e+04 0.18 0.0	0.0 288.0 576.0	-1218.90 1.087e+04 -1218.90 -816.98 -1218.90 -1.250e+04	-898.93 7.805e+04 -4.126e+05 -8.667e+05 -898.93 7.805e+04 -6.049e+05 5.806e+05 -898.93 7.805e+04 -7.972e+05 -1.337e+06
61	55	5.833e+05 7.963e+05 -1.336e+06 3.791e+05	-0.12 -2.337e+04 -0.18 0.0	0.0 288.0 576.0	-3235.86 1.250e+04 -3235.86 811.83 -3235.86 -1.087e+04	955.56 -7.939e+04 3.791e+05 -1.336e+06 955.56 -7.939e+04 5.877e+05 5.804e+05 955.56 -7.939e+04 7.963e+05 -5.683e+05
61	56	5.806e+05 -4.889e+05 -1.281e+06 -8.806e+05	-0.12 -2.337e+04 0.20 0.0	0.0 288.0 576.0	-1303.77 1.230e+04 -1303.77 620.13 -1303.77 -1.106e+04	-640.41 4.119e+04 -4.889e+05 -1.281e+06 -640.41 4.119e+04 -6.848e+05 5.806e+05 -640.41 4.119e+04 -8.806e+05 -9.233e+05
61	69	5.576e+05 -489.45 -1.059e+06 -1.648e+04	-0.12 -2.244e+04 -1.57e-03 0.0	0.0 288.0 576.0	-2158.88 1.122e+04 -2158.88 -2.54 -2158.88 -1.122e+04	27.76 -620.98 -1.648e+04 -1.058e+06 27.76 -620.98 -8483.61 5.576e+05 27.76 -620.98 -489.45 -1.059e+06
61	70	6.338e+05 -312.83 -1.205e+06 -1.737e+04	-0.13 -2.552e+04 -1.89e-03 0.0	0.0 288.0 576.0	-2387.22 1.276e+04 -2387.22 -2.66 -2387.22 -1.276e+04	29.61 -776.53 -1.737e+04 -1.203e+06 29.61 -776.53 -8839.47 6.338e+05 29.61 -776.53 -312.83 -1.205e+06
61	71	5.576e+05 -489.45 -1.059e+06 -1.648e+04	-0.12 -2.244e+04 -1.57e-03 0.0	0.0 288.0 576.0	-2158.88 1.122e+04 -2158.88 -2.54 -2158.88 -1.122e+04	27.76 -620.98 -1.648e+04 -1.058e+06 27.76 -620.98 -8483.61 5.576e+05 27.76 -620.98 -489.45 -1.059e+06
61	72	5.957e+05 -401.14 -1.132e+06 -1.692e+04	-0.13 -2.398e+04 -1.73e-03 0.0	0.0 288.0 576.0	-2273.05 1.199e+04 -2273.05 -2.60 -2273.05 -1.199e+04	28.68 -698.76 -1.692e+04 -1.130e+06 28.68 -698.76 -8661.54 5.957e+05 28.68 -698.76 -401.14 -1.132e+06
61	73	5.576e+05 -489.45 -1.059e+06 -1.648e+04	-0.12 -2.244e+04 -1.57e-03 0.0	0.0 288.0 576.0	-2158.88 1.122e+04 -2158.88 -2.54 -2158.88 -1.122e+04	27.76 -620.98 -1.648e+04 -1.058e+06 27.76 -620.98 -8483.61 5.576e+05 27.76 -620.98 -489.45 -1.059e+06
61	74	5.805e+05 -436.46 -1.103e+06 -1.674e+04	-0.12 -2.337e+04 -1.67e-03 0.0	0.0 288.0 576.0	-2227.38 1.168e+04 -2227.38 -2.58 -2227.38 -1.169e+04	28.31 -667.64 -1.674e+04 -1.101e+06 28.31 -667.64 -8590.37 5.805e+05 28.31 -667.64 -436.46 -1.103e+06
62	1	6.634e+05 230.07 -1.523e+06 -2005.12	-0.12 -2.918e+04 -8.21e-03 0.0	0.0 288.0 576.0	-2756.07 1.429e+04 -2756.07 -298.12 -2756.07 -1.489e+04	3.88 -3043.27 -2005.12 -1.352e+06 3.88 -3043.27 -887.53 6.634e+05 3.88 -3043.27 230.07 -1.523e+06
62	2	7.697e+05 112.89 -1.761e+06 -1867.73	-0.13 -3.380e+04 -8.84e-03 0.0	0.0 288.0 576.0	-3091.32 1.656e+04 -3091.32 -337.46 -3091.32 -1.724e+04	3.44 -3291.36 -1867.73 -1.566e+06 3.44 -3291.36 -877.42 7.697e+05 3.44 -3291.36 112.89 -1.761e+06
62	3	5.103e+05 176.98 -1.172e+06 -1542.40	-0.09 -2.244e+04 -6.32e-03 0.0	0.0 288.0 576.0	-2120.06 1.099e+04 -2120.06 -229.32 -2120.06 -1.145e+04	2.99 -2340.98 -1542.40 -1.040e+06 2.99 -2340.98 -682.71 5.103e+05 2.99 -2340.98 176.98 -1.172e+06
62	5	7.717e+05 7.046e+05 -2.360e+06 -2.254e+05	-0.12 -2.337e+04 0.29 0.0	0.0 288.0 576.0	-6323.91 7426.48 -6323.91 -4257.82 -6323.91 -1.594e+04	-1632.00 2.060e+05 7.046e+05 9.219e+04 -1632.00 2.060e+05 2.396e+05 5.485e+05 -1632.00 2.060e+05 -2.254e+05 -2.360e+06
62	6	7.824e+05 -2.920e+05 -2.389e+06 -6.083e+05	-0.12 -2.337e+04 -0.51 0.0	0.0 288.0 576.0	-5160.29 7326.82 -5160.29 -4357.48 -5160.29 -1.604e+04	149.34 -1.226e+05 -2.920e+05 1.208e+06 149.34 -1.226e+05 -4.502e+05 5.484e+05 149.34 -1.226e+05 -6.083e+05 -2.389e+06
62	8	6.866e+05 2.257e+05 -2.258e+06 -7.077e+05	-0.12 -2.337e+04 -0.31 0.0	0.0 288.0 576.0	1949.70 1.547e+04 1949.70 3783.44 1949.70 -7900.86	1637.79 -2.108e+05 -7.077e+05 2.258e+06 1637.79 -2.108e+05 -2.410e+05 5.146e+05 1637.79 -2.108e+05 2.257e+05 -7.832e+04
62	21	5.571e+05 1.722e+06 -1.518e+06 5.132e+05	-0.10 -2.337e+04 1.30 0.0	0.0 288.0 576.0	-5192.98 1.039e+04 -5192.98 -1292.23 -5192.98 -1.298e+04	-3189.27 5.586e+05 1.722e+06 -7.736e+05 -3189.27 5.586e+05 1.118e+06 5.369e+05 -3189.27 5.586e+05 5.132e+05 -1.518e+06
62	24	5.294e+05 -5.129e+05 -1.392e+06 -1.725e+06	-0.09 -2.337e+04 -1.31 0.0	0.0 288.0 576.0	818.77 1.250e+04 818.77 817.85 818.77 -1.087e+04	3195.06 -5.633e+05 -1.725e+06 -1.392e+06 3195.06 -5.633e+05 -1.119e+06 5.262e+05 3195.06 -5.633e+05 -5.129e+05 -9.209e+05
62	37	6.198e+05 3.866e+05 -1.876e+06 -1.227e+05	-0.10 -2.337e+04 0.15 0.0	0.0 288.0 576.0	-4543.83 9134.19 -4543.83 -2550.11 -4543.83 -1.423e+04	-916.08 1.091e+05 3.866e+05 -4.068e+05 -916.08 1.091e+05 1.319e+05 5.413e+05 -916.08 1.091e+05 -1.227e+05 -1.876e+06
62	38	6.238e+05 -1.520e+05 -1.892e+06 -3.366e+05	-0.10 -2.337e+04 -0.27 0.0	0.0 288.0 576.0	-3926.14 9077.19 -3926.14 -2607.11 -3926.14 -1.423e+04	78.05 -6.530e+04 -1.520e+05 -3.904e+05 78.05 -6.530e+04 -2.443e+05 5.413e+05 78.05 -6.530e+04 -2.443e+05 5.413e+05

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		-9699.92	0.0	-2.50e-04	0.0	60.0	0.0	84.73	0.0	0.0	0.0	0.0	-2658.98
						120.0	0.0	9.30e-06	0.0	0.0	0.0	0.0	-1.59e-04
121	2	2.44e-05	0.0	0.07	-320.50	0.0	0.0	320.50	0.0	0.0	0.0	0.0	-2.146e+04
		-2.146e+04	0.0	-2.31e-04	0.0	60.0	0.0	188.15	0.0	0.0	0.0	0.0	-5923.52
						120.0	0.0	8.28e-06	0.0	0.0	0.0	0.0	2.44e-05
121	4	6.10e-05	0.0	0.05	-286.79	0.0	0.0	286.79	0.0	0.0	0.0	0.0	-1.922e+04
		-1.922e+04	0.0	-1.73e-04	0.0	60.0	0.0	168.60	0.0	0.0	0.0	0.0	-5309.91
						120.0	0.0	6.14e-06	0.0	0.0	0.0	0.0	6.10e-05
121	6	-8.54e-05	209.37	-0.04	-147.25	0.0	33.36	140.24	-1.74	0.0	209.37	-1.065e+04	
		-1.065e+04	0.0	0.46	0.0	60.0	33.36	78.85	-1.74	0.0	104.69	-3118.74	
						120.0	33.36	-7.01	-1.74	0.0	0.0	-8.54e-05	
121	7	7.05	0.0	0.16	-147.25	0.0	-33.36	154.25	1.74	0.0	-209.37	-8972.98	
		-8972.98	-209.37	-0.46	0.0	60.0	-33.36	92.87	1.74	0.0	-104.69	-2277.81	
						120.0	-33.36	7.01	1.74	0.0	0.0	-8.54e-05	
121	10	-8.54e-05	0.0	-0.04	-147.25	0.0	33.41	141.78	5.19	0.0	-623.08	-1.064e+04	
		-1.064e+04	-623.08	0.43	0.0	60.0	33.41	80.39	5.19	0.0	-311.54	-3108.84	
						120.0	33.41	-5.47	5.19	0.0	0.0	-8.54e-05	
121	11	5.81	623.08	0.16	-147.25	0.0	-33.41	152.72	-5.19	0.0	623.08	-8992.79	
		-8992.79	0.0	-0.43	0.0	60.0	-33.41	91.33	-5.19	0.0	311.54	-2287.71	
						120.0	-33.41	5.47	-5.19	0.0	0.0	-8.54e-05	
121	21	-8.54e-05	0.0	0.05	-147.25	0.0	9.07	148.24	34.99	0.0	-4198.90	-9694.93	
		-9694.93	-4198.90	0.08	0.0	60.0	9.07	86.85	34.99	0.0	-2099.45	-2638.79	
						120.0	9.07	0.99	34.99	0.0	0.0	-8.54e-05	
121	24	-8.54e-05	4198.90	0.08	-147.25	0.0	-9.07	146.25	-34.99	0.0	4198.90	-9932.89	
		-9932.89	0.0	-0.08	0.0	60.0	-9.07	84.87	-34.99	0.0	2099.45	-2757.77	
						120.0	-9.07	-0.99	-34.99	0.0	0.0	-8.54e-05	
121	38	-8.54e-05	126.38	7.08e-03	-147.25	0.0	19.23	143.22	-1.05	0.0	126.38	-1.030e+04	
		-1.030e+04	0.0	0.26	0.0	60.0	19.23	81.84	-1.05	0.0	63.19	-2939.76	
						120.0	19.23	-4.02	-1.05	0.0	0.0	-8.54e-05	
121	42	-8.54e-05	0.0	7.38e-03	-147.25	0.0	19.26	144.10	2.94	0.0	-352.86	-1.029e+04	
		-1.029e+04	-352.86	0.24	0.0	60.0	19.26	82.71	2.94	0.0	-176.43	-2934.15	
						120.0	19.26	-3.15	2.94	0.0	0.0	-8.54e-05	
121	43	-8.54e-05	352.86	0.12	-147.25	0.0	-19.26	150.39	-2.94	0.0	352.86	-9342.16	
		-9342.16	0.0	-0.24	0.0	60.0	-19.26	89.01	-2.94	0.0	176.43	-2462.40	
						120.0	-19.26	3.15	-2.94	0.0	0.0	-8.54e-05	
121	53	-8.54e-05	0.0	0.05	-147.25	0.0	5.23	147.80	20.12	0.0	-2414.82	-9747.27	
		-9747.27	-2414.82	0.04	0.0	60.0	5.23	86.42	20.12	0.0	-1207.41	-2664.95	
						120.0	5.23	0.56	20.12	0.0	0.0	-8.54e-05	
121	56	-8.54e-05	2414.82	0.07	-147.25	0.0	-5.23	146.69	-20.12	0.0	2414.82	-9880.55	
		-9880.55	0.0	-0.04	0.0	60.0	-5.23	85.31	-20.12	0.0	1207.41	-2731.60	
						120.0	-5.23	-0.56	-20.12	0.0	0.0	-8.54e-05	
121	69	-1.22e-04	0.0	0.07	-112.36	0.0	0.0	112.36	0.0	0.0	0.0	-7461.47	
		-7461.47	0.0	-1.92e-04	0.0	60.0	0.0	65.18	0.0	0.0	0.0	-2045.37	
						120.0	0.0	7.15e-06	0.0	0.0	0.0	-1.22e-04	
121	70	0.0	0.0	0.05	-228.65	0.0	0.0	228.65	0.0	0.0	0.0	-1.530e+04	
		-1.530e+04	0.0	-1.79e-04	0.0	60.0	0.0	134.12	0.0	0.0	0.0	-4221.73	
						120.0	0.0	6.47e-06	0.0	0.0	0.0	0.0	
121	71	-1.22e-04	0.0	0.07	-112.36	0.0	0.0	112.36	0.0	0.0	0.0	-7461.47	
		-7461.47	0.0	-1.92e-04	0.0	60.0	0.0	65.18	0.0	0.0	0.0	-2045.37	
						120.0	0.0	7.15e-06	0.0	0.0	0.0	-1.22e-04	
121	72	-6.10e-05	0.0	0.06	-170.50	0.0	0.0	170.50	0.0	0.0	0.0	-1.138e+04	
		-1.138e+04	0.0	-1.86e-04	0.0	60.0	0.0	99.65	0.0	0.0	0.0	-3133.55	
						120.0	0.0	6.81e-06	0.0	0.0	0.0	-6.10e-05	
121	73	-1.22e-04	0.0	0.07	-112.36	0.0	0.0	112.36	0.0	0.0	0.0	-7461.47	
		-7461.47	0.0	-1.92e-04	0.0	60.0	0.0	65.18	0.0	0.0	0.0	-2045.37	
						120.0	0.0	7.15e-06	0.0	0.0	0.0	-1.22e-04	
121	74	-8.54e-05	0.0	0.06	-147.25	0.0	0.0	147.25	0.0	0.0	0.0	-9813.91	
		-9813.91	0.0	-1.88e-04	0.0	60.0	0.0	85.86	0.0	0.0	0.0	-2698.28	
						120.0	0.0	6.95e-06	0.0	0.0	0.0	-8.54e-05	
122	1	0.0	0.0	0.09	-178.45	0.0	0.0	178.45	0.0	3.91e-04	0.0	-1.071e+04	
		-1.071e+04	0.0	1.79e-04	0.0	60.0	0.0	89.22	0.0	3.91e-04	0.0	-2676.70	
						120.0	0.0	-1.36e-06	0.0	3.91e-04	0.0	0.0	
122	2	0.0	0.0	0.06	-397.72	0.0	0.0	397.72	0.0	8.72e-04	0.0	-2.386e+04	
		-2.386e+04	0.0	2.42e-04	0.0	60.0	0.0	198.86	0.0	8.72e-04	0.0	-5965.79	
						120.0	0.0	5.77e-06	0.0	8.72e-04	0.0	0.0	
122	3	0.0	0.0	0.07	-137.27	0.0	0.0	137.27	0.0	3.01e-04	0.0	-8236.02	
		-8236.02	0.0	1.37e-04	0.0	60.0	0.0	68.63	0.0	3.01e-04	0.0	-2059.00	
						120.0	0.0	-1.04e-06	0.0	3.01e-04	0.0	0.0	
122	4	0.0	0.0	0.04	-356.54	0.0	0.0	356.54	0.0	7.82e-04	0.0	-2.139e+04	
		-2.139e+04	0.0	2.01e-04	0.0	60.0	0.0	178.27	0.0	7.82e-04	0.0	-5348.09	
						120.0	0.0	6.08e-06	0.0	7.82e-04	0.0	0.0	
122	6	0.0	0.0	-0.06	-181.12	0.0	33.79	188.04	3.05	3.97e-04	-365.43	-1.170e+04	
		-1.170e+04	-365.43	0.70	0.0	60.0	33.79	97.48	3.05	3.97e-04	-182.71	-3131.92	
						120.0	33.79	6.92	3.05	3.97e-04	0.0	0.0	
122	7	9.44	365.43	0.19	-181.12	0.0	-33.79	174.20	-3.05	3.97e-04	365.43	-1.004e+04	
		-1.004e+04	0.0	-0.70	0.0	60.0	-33.79	83.64	-3.05	3.97e-04	182.71	-2301.72	
						120.0	-33.79	-6.92	-3.05	3.97e-04	0.0	0.0	

122	21	0.0	0.0	0.04	-181.12	0.0	8.64	182.00	43.20	3.97e-04	-5183.63	-1.097e+04
		-1.097e+04	-5183.63	0.05	0.0	60.0	8.64	91.44	43.20	3.97e-04	-2591.82	-2769.70
						120.0	8.64	0.88	43.20	3.97e-04	0.0	0.0
122	24	0.0	5183.63	0.09	-181.12	0.0	-8.64	180.24	-43.20	3.97e-04	5183.63	-1.076e+04
		-1.076e+04	0.0	-0.05	0.0	60.0	-8.64	89.68	-43.20	3.97e-04	2591.82	-2663.94
						120.0	-8.64	-0.88	-43.20	3.97e-04	0.0	0.0
122	38	0.0	0.0	-5.99e-03	-181.12	0.0	19.46	185.10	1.70	3.97e-04	-203.69	-1.134e+04
		-1.134e+04	-203.69	0.39	0.0	60.0	19.46	94.54	1.70	3.97e-04	-101.85	-2955.32
						120.0	19.46	3.97	1.70	3.97e-04	0.0	0.0
122	39	0.0	203.69	0.14	-181.12	0.0	-19.46	177.15	-1.70	3.97e-04	203.69	-1.039e+04
		-1.039e+04	0.0	-0.39	0.0	60.0	-19.46	86.59	-1.70	3.97e-04	101.85	-2478.32
						120.0	-19.46	-3.97	-1.70	3.97e-04	0.0	0.0
122	40	0.0	1810.27	0.13	-181.12	0.0	-18.99	177.52	-15.09	3.97e-04	1810.27	-1.043e+04
		-1.043e+04	0.0	-0.33	0.0	60.0	-18.99	86.95	-15.09	3.97e-04	905.14	-2500.44
						120.0	-18.99	-3.61	-15.09	3.97e-04	0.0	0.0
122	53	0.0	0.0	0.05	-181.12	0.0	4.97	181.64	24.83	3.97e-04	-2979.73	-1.093e+04
		-1.093e+04	-2979.73	0.03	0.0	60.0	4.97	91.08	24.83	3.97e-04	-1489.86	-2748.19
						120.0	4.97	0.52	24.83	3.97e-04	0.0	0.0
122	56	0.0	2979.73	0.08	-181.12	0.0	-4.97	180.60	-24.83	3.97e-04	2979.73	-1.080e+04
		-1.080e+04	0.0	-0.03	0.0	60.0	-4.97	90.04	-24.83	3.97e-04	1489.86	-2685.45
						120.0	-4.97	-0.52	-24.83	3.97e-04	0.0	0.0
122	69	0.0	0.0	0.07	-137.27	0.0	0.0	137.27	0.0	3.01e-04	0.0	-8236.02
		-8236.02	0.0	1.37e-04	0.0	60.0	0.0	68.63	0.0	3.01e-04	0.0	-2059.00
						120.0	0.0	-1.04e-06	0.0	3.01e-04	0.0	0.0
122	70	0.0	0.0	0.05	-283.45	0.0	0.0	283.45	0.0	6.22e-04	0.0	-1.701e+04
		-1.701e+04	0.0	1.80e-04	0.0	60.0	0.0	141.72	0.0	6.22e-04	0.0	-4251.73
						120.0	0.0	3.71e-06	0.0	6.22e-04	0.0	0.0
122	71	0.0	0.0	0.07	-137.27	0.0	0.0	137.27	0.0	3.01e-04	0.0	-8236.02
		-8236.02	0.0	1.37e-04	0.0	60.0	0.0	68.63	0.0	3.01e-04	0.0	-2059.00
						120.0	0.0	-1.04e-06	0.0	3.01e-04	0.0	0.0
122	72	0.0	0.0	0.06	-210.36	0.0	0.0	210.36	0.0	4.61e-04	0.0	-1.262e+04
		-1.262e+04	0.0	1.59e-04	0.0	60.0	0.0	105.18	0.0	4.61e-04	0.0	-3155.37
						120.0	0.0	1.33e-06	0.0	4.61e-04	0.0	0.0
122	73	0.0	0.0	0.07	-137.27	0.0	0.0	137.27	0.0	3.01e-04	0.0	-8236.02
		-8236.02	0.0	1.37e-04	0.0	60.0	0.0	68.63	0.0	3.01e-04	0.0	-2059.00
						120.0	0.0	-1.04e-06	0.0	3.01e-04	0.0	0.0
122	74	0.0	0.0	0.07	-181.12	0.0	0.0	181.12	0.0	3.97e-04	0.0	-1.087e+04
		-1.087e+04	0.0	1.50e-04	0.0	60.0	0.0	90.56	0.0	3.97e-04	0.0	-2716.82
						120.0	0.0	0.0	0.0	3.97e-04	0.0	0.0
123	1	0.0	0.0	0.10	-178.45	0.0	0.0	178.45	0.0	-7.04e-04	0.0	-1.071e+04
		-1.071e+04	0.0	3.68e-04	0.0	60.0	0.0	89.22	0.0	-7.04e-04	0.0	-2676.70
						120.0	0.0	-1.36e-06	0.0	-7.04e-04	0.0	0.0
123	2	0.0	0.0	0.07	-397.72	0.0	0.0	397.72	0.0	-1.57e-03	0.0	-2.386e+04
		-2.386e+04	0.0	4.49e-04	0.0	60.0	0.0	198.86	0.0	-1.57e-03	0.0	-5965.79
						120.0	0.0	5.77e-06	0.0	-1.57e-03	0.0	0.0
123	3	0.0	0.0	0.08	-137.27	0.0	0.0	137.27	0.0	-5.42e-04	0.0	-8236.02
		-8236.02	0.0	2.83e-04	0.0	60.0	0.0	68.63	0.0	-5.42e-04	0.0	-2059.00
						120.0	0.0	-1.04e-06	0.0	-5.42e-04	0.0	0.0
123	6	0.0	0.0	-0.08	-181.12	0.0	34.73	187.90	4.76	-7.15e-04	-571.78	-1.168e+04
		-1.168e+04	-571.78	0.78	0.0	60.0	34.73	97.34	4.76	-7.15e-04	-285.89	-3123.37
						120.0	34.73	6.78	4.76	-7.15e-04	0.0	0.0
123	7	8.37	571.78	0.23	-181.12	0.0	-34.73	174.35	-4.76	-7.15e-04	571.78	-1.005e+04
		-1.005e+04	0.0	-0.78	0.0	60.0	-34.73	83.78	-4.76	-7.15e-04	285.89	-2310.27
						120.0	-34.73	-6.78	-4.76	-7.15e-04	0.0	0.0
123	21	0.0	0.0	0.04	-181.12	0.0	8.39	182.20	44.56	-7.15e-04	-5347.61	-1.100e+04
		-1.100e+04	-5347.61	0.04	0.0	60.0	8.39	91.64	44.56	-7.15e-04	-2673.80	-2781.41
						120.0	8.39	1.08	44.56	-7.15e-04	0.0	0.0
123	24	0.0	5347.61	0.11	-181.12	0.0	-8.39	180.05	-44.56	-7.15e-04	5347.61	-1.074e+04
		-1.074e+04	0.0	-0.04	0.0	60.0	-8.39	89.48	-44.56	-7.15e-04	2673.80	-2652.23
						120.0	-8.39	-1.08	-44.56	-7.15e-04	0.0	0.0
123	38	0.0	0.0	-0.01	-181.12	0.0	19.98	185.01	2.69	-7.15e-04	-322.49	-1.133e+04
		-1.133e+04	-322.49	0.44	0.0	60.0	19.98	94.45	2.69	-7.15e-04	-161.25	-2950.30
						120.0	19.98	3.89	2.69	-7.15e-04	0.0	0.0
123	39	0.0	322.49	0.16	-181.12	0.0	-19.98	177.23	-2.69	-7.15e-04	322.49	-1.040e+04
		-1.040e+04	0.0	-0.44	0.0	60.0	-19.98	86.67	-2.69	-7.15e-04	161.25	-2483.34
						120.0	-19.98	-3.89	-2.69	-7.15e-04	0.0	0.0
123	49	0.0	0.0	0.02	-181.12	0.0	8.00	183.66	8.24	-7.15e-04	-988.26	-1.114e+04
		-1.114e+04	-988.26	0.25	0.0	60.0	8.00	93.10	8.24	-7.15e-04	-494.13	-2854.77
						120.0	8.00	2.54	8.24	-7.15e-04	0.0	0.0
123	53	0.0	0.0	0.05	-181.12	0.0	4.83	181.75	25.61	-7.15e-04	-3073.27	-1.094e+04
		-1.094e+04	-3073.27	0.02	0.0	60.0	4.83	91.19	25.61	-7.15e-04	-1536.63	-2754.79
						120.0	4.83	0.63	25.61	-7.15e-04	0.0	0.0
123	56	0.0	3073.27	0.09	-181.12	0.0	-4.83	180.49	-25.61	-7.15e-04	3073.27	-1.079e+04
		-1.079e+04	0.0	-0.02	0.0	60.0	-4.83	89.93	-25.61	-7.15e-04	1536.63	-2678.85
						120.0	-4.83	-0.63	-25.61	-7.15e-04	0.0	0.0
123	69	0.0	0.0	0.08	-137.27	0.0	0.0	137.27	0.0	-5.42e-04	0.0	-8236.02
		-8236.02	0.0	2.83e-04	0.0	60.0	0.0	68.63	0.0	-5.42e-04	0.0	-2059.00

					120.0	0.0	-1.04e-06	0.0	-5.42e-04	0.0	0.0
123	70	0.0	0.0	0.06	-283.45	0.0	0.0	283.45	0.0	-1.12e-03	0.0
		-1.701e+04	0.0	3.37e-04	0.0	60.0	0.0	141.72	0.0	-1.12e-03	0.0
						120.0	0.0	3.71e-06	0.0	-1.12e-03	0.0
123	71	0.0	0.0	0.08	-137.27	0.0	0.0	137.27	0.0	-5.42e-04	0.0
		-8236.02	0.0	2.83e-04	0.0	60.0	0.0	68.63	0.0	-5.42e-04	0.0
						120.0	0.0	-1.04e-06	0.0	-5.42e-04	0.0
123	72	0.0	0.0	0.07	-210.36	0.0	0.0	210.36	0.0	-8.30e-04	0.0
		-1.262e+04	0.0	3.10e-04	0.0	60.0	0.0	105.18	0.0	-8.30e-04	0.0
						120.0	0.0	1.33e-06	0.0	-8.30e-04	0.0
123	73	0.0	0.0	0.08	-137.27	0.0	0.0	137.27	0.0	-5.42e-04	0.0
		-8236.02	0.0	2.83e-04	0.0	60.0	0.0	68.63	0.0	-5.42e-04	0.0
						120.0	0.0	-1.04e-06	0.0	-5.42e-04	0.0
123	74	0.0	0.0	0.07	-181.12	0.0	0.0	181.12	0.0	-7.15e-04	0.0
		-1.087e+04	0.0	2.99e-04	0.0	60.0	0.0	90.56	0.0	-7.15e-04	0.0
						120.0	0.0	0.0	0.0	-7.15e-04	0.0
124	1	0.0	0.0	0.12	-178.45	0.0	0.0	178.45	0.0	-1.57e-05	0.0
		-1.071e+04	0.0	3.19e-04	0.0	60.0	0.0	89.22	0.0	-1.57e-05	0.0
						120.0	0.0	-1.36e-06	0.0	-1.57e-05	0.0
124	2	0.0	0.0	0.09	-397.72	0.0	0.0	397.72	0.0	-3.49e-05	0.0
		-2.386e+04	0.0	3.91e-04	0.0	60.0	0.0	198.86	0.0	-3.49e-05	0.0
						120.0	0.0	5.77e-06	0.0	-3.49e-05	0.0
124	4	0.0	0.0	0.06	-356.54	0.0	0.0	356.54	0.0	-3.13e-05	0.0
		-2.139e+04	0.0	3.17e-04	0.0	60.0	0.0	178.27	0.0	-3.13e-05	0.0
						120.0	0.0	6.08e-06	0.0	-3.13e-05	0.0
124	6	11.45	0.0	-0.10	-181.12	0.0	40.16	174.76	3.37	-1.59e-05	-403.98
		-1.000e+04	-403.98	0.72	0.0	60.0	40.16	84.20	3.37	-1.59e-05	-201.99
						120.0	40.16	-6.36	3.37	-1.59e-05	0.0
124	7	0.0	403.98	0.27	-181.12	0.0	-40.16	187.48	-3.37	-1.59e-05	403.98
		-1.173e+04	0.0	-0.72	0.0	60.0	-40.16	96.92	-3.37	-1.59e-05	201.99
						120.0	-40.16	6.36	-3.37	-1.59e-05	0.0
124	21	0.0	0.0	0.04	-181.12	0.0	9.50	177.71	44.76	-1.59e-05	-5371.31
		-1.079e+04	-5371.31	-0.04	0.0	60.0	9.50	87.15	44.76	-1.59e-05	-2685.65
						120.0	9.50	-3.42	44.76	-1.59e-05	0.0
124	24	0.0	5371.31	0.13	-181.12	0.0	-9.50	184.54	-44.76	-1.59e-05	5371.31
		-1.094e+04	0.0	0.04	0.0	60.0	-9.50	93.98	-44.76	-1.59e-05	2685.65
						120.0	-9.50	3.42	-44.76	-1.59e-05	0.0
124	38	0.0	0.0	-0.02	-181.12	0.0	23.09	177.47	1.88	-1.59e-05	-226.12
		-1.037e+04	-226.12	0.41	0.0	60.0	23.09	86.91	1.88	-1.59e-05	-113.06
						120.0	23.09	-3.65	1.88	-1.59e-05	0.0
124	39	0.0	226.12	0.19	-181.12	0.0	-23.09	184.78	-1.88	-1.59e-05	226.12
		-1.136e+04	0.0	-0.41	0.0	60.0	-23.09	94.21	-1.88	-1.59e-05	113.06
						120.0	-23.09	3.65	-1.88	-1.59e-05	0.0
124	44	0.0	1301.96	0.19	-181.12	0.0	-22.48	184.84	-10.85	-1.59e-05	1301.96
		-1.131e+04	0.0	-0.35	0.0	60.0	-22.48	94.28	-10.85	-1.59e-05	650.98
						120.0	-22.48	3.72	-10.85	-1.59e-05	0.0
124	53	0.0	0.0	0.06	-181.12	0.0	5.47	179.17	25.73	-1.59e-05	-3087.53
		-1.082e+04	-3087.53	-0.02	0.0	60.0	5.47	88.61	25.73	-1.59e-05	-1543.76
						120.0	5.47	-1.95	25.73	-1.59e-05	0.0
124	56	0.0	3087.53	0.11	-181.12	0.0	-5.47	183.07	-25.73	-1.59e-05	3087.53
		-1.091e+04	0.0	0.02	0.0	60.0	-5.47	92.51	-25.73	-1.59e-05	1543.76
						120.0	-5.47	1.95	-25.73	-1.59e-05	0.0
124	69	0.0	0.0	0.09	-137.27	0.0	0.0	137.27	0.0	-1.20e-05	0.0
		-8236.02	0.0	2.45e-04	0.0	60.0	0.0	68.63	0.0	-1.20e-05	0.0
						120.0	0.0	-1.04e-06	0.0	-1.20e-05	0.0
124	70	0.0	0.0	0.07	-283.45	0.0	0.0	283.45	0.0	-2.49e-05	0.0
		-1.701e+04	0.0	2.93e-04	0.0	60.0	0.0	141.72	0.0	-2.49e-05	0.0
						120.0	0.0	3.70e-06	0.0	-2.49e-05	0.0
124	71	0.0	0.0	0.09	-137.27	0.0	0.0	137.27	0.0	-1.20e-05	0.0
		-8236.02	0.0	2.45e-04	0.0	60.0	0.0	68.63	0.0	-1.20e-05	0.0
						120.0	0.0	-1.04e-06	0.0	-1.20e-05	0.0
124	72	0.0	0.0	0.08	-210.36	0.0	0.0	210.36	0.0	-1.85e-05	0.0
		-1.262e+04	0.0	2.69e-04	0.0	60.0	0.0	105.18	0.0	-1.85e-05	0.0
						120.0	0.0	1.33e-06	0.0	-1.85e-05	0.0
124	73	0.0	0.0	0.09	-137.27	0.0	0.0	137.27	0.0	-1.20e-05	0.0
		-8236.02	0.0	2.45e-04	0.0	60.0	0.0	68.63	0.0	-1.20e-05	0.0
						120.0	0.0	-1.04e-06	0.0	-1.20e-05	0.0
124	74	0.0	0.0	0.09	-181.12	0.0	0.0	181.12	0.0	-1.59e-05	0.0
		-1.087e+04	0.0	2.60e-04	0.0	60.0	0.0	90.56	0.0	-1.59e-05	0.0
						120.0	0.0	0.0	0.0	-1.59e-05	0.0
125	1	0.0	0.0	0.14	-178.45	0.0	0.0	178.45	0.0	-7.04e-05	0.0
		-1.071e+04	0.0	3.08e-05	0.0	60.0	0.0	89.22	0.0	-7.04e-05	0.0
						120.0	0.0	-1.36e-06	0.0	-7.04e-05	0.0
125	2	0.0	0.0	0.11	-397.72	0.0	0.0	397.72	0.0	-1.57e-04	0.0
		-2.386e+04	0.0	6.69e-05	0.0	60.0	0.0	198.86	0.0	-1.57e-04	0.0
						120.0	0.0	5.76e-06	0.0	-1.57e-04	0.0
125	3	0.0	0.0	0.10	-137.27	0.0	0.0	137.27	0.0	-5.42e-05	0.0

		-8236.02	0.0	2.37e-05	0.0	60.0	0.0	68.63	0.0	-5.42e-05	0.0	-2059.00
						120.0	0.0	-1.04e-06	0.0	-5.42e-05	0.0	0.0
125	6	16.93	158.30	-0.12	-181.12	0.0	46.11	188.03	-1.32	-7.15e-05	158.30	-9917.20
		-9917.20	0.0	0.54	0.0	60.0	46.11	97.47	-1.32	-7.15e-05	79.15	-2241.77
						120.0	46.11	6.91	-1.32	-7.15e-05	0.0	0.0
125	7	0.0	0.0	0.32	-181.12	0.0	-46.11	174.22	1.32	-7.15e-05	-158.30	-1.182e+04
		-1.182e+04	-158.30	-0.54	0.0	60.0	-46.11	83.65	1.32	-7.15e-05	-79.15	-3191.87
						120.0	-46.11	-6.91	1.32	-7.15e-05	0.0	0.0
125	21	0.0	0.0	0.04	-181.12	0.0	10.98	185.03	43.74	-7.15e-05	-5249.25	-1.080e+04
		-1.080e+04	-5249.25	0.04	0.0	60.0	10.98	94.47	43.74	-7.15e-05	-2624.62	-2684.51
						120.0	10.98	3.91	43.74	-7.15e-05	0.0	0.0
125	24	0.0	5249.25	0.16	-181.12	0.0	-10.98	177.21	-43.74	-7.15e-05	5249.25	-1.093e+04
		-1.093e+04	0.0	-0.04	0.0	60.0	-10.98	86.65	-43.74	-7.15e-05	2624.62	-2749.13
						120.0	-10.98	-3.91	-43.74	-7.15e-05	0.0	0.0
125	38	0.0	97.20	-0.03	-181.12	0.0	26.52	185.09	-0.81	-7.15e-05	97.20	-1.032e+04
		-1.032e+04	0.0	0.31	0.0	60.0	26.52	94.53	-0.81	-7.15e-05	48.60	-2444.17
						120.0	26.52	3.97	-0.81	-7.15e-05	0.0	0.0
125	39	0.0	0.0	0.23	-181.12	0.0	-26.52	177.15	0.81	-7.15e-05	-97.20	-1.141e+04
		-1.141e+04	-97.20	-0.31	0.0	60.0	-26.52	86.59	0.81	-7.15e-05	-48.60	-2989.48
						120.0	-26.52	-3.97	0.81	-7.15e-05	0.0	0.0
125	40	0.0	1580.78	0.22	-181.12	0.0	-25.62	176.58	-13.17	-7.15e-05	1580.78	-1.134e+04
		-1.134e+04	0.0	-0.24	0.0	60.0	-25.62	86.02	-13.17	-7.15e-05	790.39	-2954.85
						120.0	-25.62	-4.54	-13.17	-7.15e-05	0.0	0.0
125	53	0.0	0.0	0.06	-181.12	0.0	6.32	183.36	25.16	-7.15e-05	-3019.17	-1.083e+04
		-1.083e+04	-3019.17	-0.02	0.0	60.0	6.32	92.80	25.16	-7.15e-05	-1509.59	-2697.93
						120.0	6.32	2.24	25.16	-7.15e-05	0.0	0.0
125	56	0.0	3019.17	0.13	-181.12	0.0	-6.32	178.88	-25.16	-7.15e-05	3019.17	-1.091e+04
		-1.091e+04	0.0	0.02	0.0	60.0	-6.32	88.32	-25.16	-7.15e-05	1509.59	-2735.71
						120.0	-6.32	-2.24	-25.16	-7.15e-05	0.0	0.0
125	69	0.0	0.0	0.10	-137.27	0.0	0.0	137.27	0.0	-5.42e-05	0.0	-8236.02
		-8236.02	0.0	2.37e-05	0.0	60.0	0.0	68.63	0.0	-5.42e-05	0.0	-2059.00
						120.0	0.0	-1.04e-06	0.0	-5.42e-05	0.0	0.0
125	70	0.0	0.0	0.09	-283.45	0.0	0.0	283.45	0.0	-1.12e-04	0.0	-1.701e+04
		-1.701e+04	0.0	4.77e-05	0.0	60.0	0.0	141.72	0.0	-1.12e-04	0.0	-4251.73
						120.0	0.0	3.70e-06	0.0	-1.12e-04	0.0	0.0
125	71	0.0	0.0	0.10	-137.27	0.0	0.0	137.27	0.0	-5.42e-05	0.0	-8236.02
		-8236.02	0.0	2.37e-05	0.0	60.0	0.0	68.63	0.0	-5.42e-05	0.0	-2059.00
						120.0	0.0	-1.04e-06	0.0	-5.42e-05	0.0	0.0
125	72	0.0	0.0	0.10	-210.36	0.0	0.0	210.36	0.0	-8.30e-05	0.0	-1.262e+04
		-1.262e+04	0.0	3.57e-05	0.0	60.0	0.0	105.18	0.0	-8.30e-05	0.0	-3155.37
						120.0	0.0	1.33e-06	0.0	-8.30e-05	0.0	0.0
125	73	0.0	0.0	0.10	-137.27	0.0	0.0	137.27	0.0	-5.42e-05	0.0	-8236.02
		-8236.02	0.0	2.37e-05	0.0	60.0	0.0	68.63	0.0	-5.42e-05	0.0	-2059.00
						120.0	0.0	-1.04e-06	0.0	-5.42e-05	0.0	0.0
125	74	0.0	0.0	0.10	-181.12	0.0	0.0	181.12	0.0	-7.15e-05	0.0	-1.087e+04
		-1.087e+04	0.0	3.09e-05	0.0	60.0	0.0	90.56	0.0	-7.15e-05	0.0	-2716.82
						120.0	0.0	0.0	0.0	-7.15e-05	0.0	0.0
126	1	0.0	0.0	0.16	-178.45	0.0	0.0	178.45	0.0	4.70e-04	0.0	-1.071e+04
		-1.071e+04	0.0	-4.96e-04	0.0	60.0	0.0	89.22	0.0	4.70e-04	0.0	-2676.70
						120.0	0.0	-1.36e-06	0.0	4.70e-04	0.0	0.0
126	2	0.0	0.0	0.14	-397.72	0.0	0.0	397.72	0.0	1.05e-03	0.0	-2.386e+04
		-2.386e+04	0.0	-5.22e-04	0.0	60.0	0.0	198.86	0.0	1.05e-03	0.0	-5965.79
						120.0	0.0	5.76e-06	0.0	1.05e-03	0.0	0.0
126	3	0.0	0.0	0.12	-137.27	0.0	0.0	137.27	0.0	3.61e-04	0.0	-8236.02
		-8236.02	0.0	-3.82e-04	0.0	60.0	0.0	68.63	0.0	3.61e-04	0.0	-2059.00
						120.0	0.0	-1.05e-06	0.0	3.61e-04	0.0	0.0
126	6	21.76	844.52	-0.14	-181.12	0.0	48.57	189.23	-7.04	4.77e-04	844.52	-9839.85
		-9839.85	0.0	0.34	0.0	60.0	48.57	98.67	-7.04	4.77e-04	422.26	-2203.10
						120.0	48.57	8.10	-7.04	4.77e-04	0.0	0.0
126	7	0.0	0.0	0.37	-181.12	0.0	-48.57	173.02	7.04	4.77e-04	-844.52	-1.189e+04
		-1.189e+04	-844.52	-0.34	0.0	60.0	-48.57	82.46	7.04	4.77e-04	-422.26	-3230.54
						120.0	-48.57	-8.10	7.04	4.77e-04	0.0	0.0
126	21	0.0	0.0	0.05	-181.12	0.0	11.72	184.38	42.25	4.77e-04	-5069.91	-1.066e+04
		-1.066e+04	-5069.91	0.06	0.0	60.0	11.72	93.82	42.25	4.77e-04	-2534.96	-2612.54
						120.0	11.72	3.26	42.25	4.77e-04	0.0	0.0
126	24	0.0	5069.91	0.19	-181.12	0.0	-11.72	177.86	-42.25	4.77e-04	5069.91	-1.108e+04
		-1.108e+04	0.0	-0.06	0.0	60.0	-11.72	87.30	-42.25	4.77e-04	2534.96	-2821.10
						120.0	-11.72	-3.26	-42.25	4.77e-04	0.0	0.0
126	38	0.0	488.01	-0.03	-181.12	0.0	27.95	185.78	-4.07	4.77e-04	488.01	-1.028e+04
		-1.028e+04	0.0	0.20	0.0	60.0	27.95	95.22	-4.07	4.77e-04	244.01	-2421.42
						120.0	27.95	4.66	-4.07	4.77e-04	0.0	0.0
126	39	0.0	0.0	0.26	-181.12	0.0	-27.95	176.46	4.07	4.77e-04	-488.01	-1.146e+04
		-1.146e+04	-488.01	-0.20	0.0	60.0	-27.95	85.90	4.07	4.77e-04	-244.01	-3012.22
						120.0	-27.95	-4.66	4.07	4.77e-04	0.0	0.0
126	49	0.0	0.0	8.17e-03	-181.12	0.0	17.08	176.93	4.13	4.77e-04	-495.79	-1.036e+04
		-1.036e+04	-495.79	0.11	0.0	60.0	17.08	86.37	4.13	4.77e-04	-247.89	-2465.48
						120.0	17.08	-4.19	4.13	4.77e-04	0.0	0.0

126	53	0.0 -1.075e+04	0.0 -2919.77	0.08 0.03	-181.12 0.0	0.0 60.0 120.0	6.74 6.74 6.74	183.00 92.44 1.88	24.33 24.33 24.33	4.77e-04 4.77e-04 4.77e-04	-2919.77 -1459.88 0.0	-1.075e+04 -2656.80 0.0
126	56	0.0 -1.099e+04	2919.77 0.0	0.16 -0.03	-181.12 0.0	0.0 60.0 120.0	-6.74 -6.74 -6.74	179.25 88.69 -1.88	-24.33 -24.33 -24.33	4.77e-04 4.77e-04 4.77e-04	2919.77 1459.88 0.0	-1.099e+04 -2776.84 0.0
126	69	0.0 -8236.02	0.0 0.0	0.12 -3.82e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	137.27 68.63 -1.05e-06	0.0 0.0 0.0	3.61e-04 3.61e-04 3.61e-04	0.0 0.0 0.0	-8236.02 -2059.00 0.0
126	70	0.0 -1.701e+04	0.0 0.0	0.11 -3.99e-04	-283.45 0.0	0.0 60.0 120.0	0.0 0.0 0.0	283.45 141.72 3.70e-06	0.0 0.0 0.0	7.46e-04 7.46e-04 7.46e-04	0.0 0.0 0.0	-1.701e+04 -4251.73 0.0
126	71	0.0 -8236.02	0.0 0.0	0.12 -3.82e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	137.27 68.63 -1.05e-06	0.0 0.0 0.0	3.61e-04 3.61e-04 3.61e-04	0.0 0.0 0.0	-8236.02 -2059.00 0.0
126	72	0.0 -1.262e+04	0.0 0.0	0.11 -3.90e-04	-210.36 0.0	0.0 60.0 120.0	0.0 0.0 0.0	210.36 105.18 1.33e-06	0.0 0.0 0.0	5.54e-04 5.54e-04 5.54e-04	0.0 0.0 0.0	-1.262e+04 -3155.37 0.0
126	73	0.0 -8236.02	0.0 0.0	0.12 -3.82e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	137.27 68.63 -1.05e-06	0.0 0.0 0.0	3.61e-04 3.61e-04 3.61e-04	0.0 0.0 0.0	-8236.02 -2059.00 0.0
126	74	0.0 -1.087e+04	0.0 0.0	0.12 -3.87e-04	-181.12 0.0	0.0 60.0 120.0	0.0 0.0 0.0	181.12 90.56 0.0	0.0 0.0 0.0	4.77e-04 4.77e-04 4.77e-04	0.0 0.0 0.0	-1.087e+04 -2716.82 0.0
127	1	0.0 -1.071e+04	0.0 0.0	0.15 8.31e-04	-178.45 0.0	0.0 60.0 120.0	0.0 0.0 0.0	178.45 89.22 -1.36e-06	0.0 0.0 0.0	-6.26e-04 -6.26e-04 -6.26e-04	0.0 0.0 0.0	-1.071e+04 -2676.70 0.0
127	2	0.0 -2.386e+04	0.0 0.0	0.12 9.32e-04	-397.72 0.0	0.0 60.0 120.0	0.0 0.0 0.0	397.72 198.86 5.76e-06	0.0 0.0 0.0	-1.40e-03 -1.40e-03 -1.40e-03	0.0 0.0 0.0	-2.386e+04 -5965.79 0.0
127	3	0.0 -8236.02	0.0 0.0	0.11 6.39e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	137.27 68.63 -1.05e-06	0.0 0.0 0.0	-4.82e-04 -4.82e-04 -4.82e-04	0.0 0.0 0.0	-8236.02 -2059.00 0.0
127	4	0.0 -2.139e+04	0.0 0.0	0.09 7.40e-04	-356.54 0.0	0.0 60.0 120.0	0.0 0.0 0.0	356.54 178.27 6.08e-06	0.0 0.0 0.0	-1.25e-03 -1.25e-03 -1.25e-03	0.0 0.0 0.0	-2.139e+04 -5348.09 0.0
127	6	0.0 -1.183e+04	356.05 0.0	-0.13 -0.09	-181.12 0.0	0.0 60.0 120.0	46.60 46.60 46.60	189.14 98.58 8.02	-2.97 -2.97 -2.97	-6.36e-04 -6.36e-04 -6.36e-04	356.05 178.03 0.0	-1.183e+04 -3197.80 0.0
127	7	17.67 -9905.33	0.0 -356.05	0.35 0.09	-181.12 0.0	0.0 60.0 120.0	-46.60 -46.60 -46.60	173.11 82.54 -8.02	2.97 2.97 2.97	-6.36e-04 -6.36e-04 -6.36e-04	-356.05 -178.03 0.0	-9905.33 -2235.84 0.0
127	9	0.0 -1.188e+04	0.0 -1453.10	-0.14 -0.15	-181.12 0.0	0.0 60.0 120.0	45.27 45.27 45.27	189.53 98.97 8.41	12.11 12.11 12.11	-6.36e-04 -6.36e-04 -6.36e-04	-1453.10 -726.55 0.0	-1.188e+04 -3221.49 0.0
127	12	20.63 -9857.95	1453.10 0.0	0.35 0.15	-181.12 0.0	0.0 60.0 120.0	-45.27 -45.27 -45.27	172.71 82.15 -8.41	-12.11 -12.11 -12.11	-6.36e-04 -6.36e-04 -6.36e-04	1453.10 726.55 0.0	-9857.95 -2212.15 0.0
127	21	0.0 -1.124e+04	0.0 -4911.49	0.04 -0.21	-181.12 0.0	0.0 60.0 120.0	11.58 11.58 11.58	184.19 93.63 3.07	40.93 40.93 40.93	-6.36e-04 -6.36e-04 -6.36e-04	-4911.49 -2455.74 0.0	-1.124e+04 -2900.90 0.0
127	24	0.0 -1.050e+04	4911.49 0.0	0.18 0.21	-181.12 0.0	0.0 60.0 120.0	-11.58 -11.58 -11.58	178.05 87.49 -3.07	-40.93 -40.93 -40.93	-6.36e-04 -6.36e-04 -6.36e-04	4911.49 2455.74 0.0	-1.050e+04 -2532.74 0.0
127	38	0.0 -1.142e+04	201.17 0.0	-0.03 -0.05	-181.12 0.0	0.0 60.0 120.0	26.82 26.82 26.82	185.74 95.18 4.62	-1.68 -1.68 -1.68	-6.36e-04 -6.36e-04 -6.36e-04	201.17 100.58 0.0	-1.142e+04 -2993.87 0.0
127	41	0.0 -1.145e+04	0.0 -839.48	-0.03 -0.09	-181.12 0.0	0.0 60.0 120.0	26.06 26.06 26.06	185.96 95.40 4.84	7.00 7.00 7.00	-6.36e-04 -6.36e-04 -6.36e-04	-839.48 -419.74 0.0	-1.145e+04 -3007.40 0.0
127	42	0.0 -1.142e+04	0.0 -347.37	-0.03 -0.07	-181.12 0.0	0.0 60.0 120.0	26.82 26.82 26.82	185.72 95.16 4.60	2.89 2.89 2.89	-6.36e-04 -6.36e-04 -6.36e-04	-347.37 -173.68 0.0	-1.142e+04 -2992.81 0.0
127	43	0.0 -1.032e+04	347.37 0.0	0.25 0.07	-181.12 0.0	0.0 60.0 120.0	-26.82 -26.82 -26.82	176.52 85.96 -4.60	-2.89 -2.89 -2.89	-6.36e-04 -6.36e-04 -6.36e-04	347.37 173.68 0.0	-1.032e+04 -2440.83 0.0
127	53	0.0 -1.108e+04	0.0 -2826.66	0.07 -0.12	-181.12 0.0	0.0 60.0 120.0	6.67 6.67 6.67	182.88 92.32 1.76	23.56 23.56 23.56	-6.36e-04 -6.36e-04 -6.36e-04	-2826.66 -1413.33 0.0	-1.108e+04 -2822.59 0.0
127	56	0.0 -1.066e+04	2826.66 0.0	0.15 0.13	-181.12 0.0	0.0 60.0 120.0	-6.67 -6.67 -6.67	179.36 88.80 -1.76	-23.56 -23.56 -23.56	-6.36e-04 -6.36e-04 -6.36e-04	2826.66 1413.33 0.0	-1.066e+04 -2611.05 0.0
127	69	0.0 -8236.02	0.0 0.0	0.11 6.39e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	137.27 68.63 -1.05e-06	0.0 0.0 0.0	-4.82e-04 -4.82e-04 -4.82e-04	0.0 0.0 0.0	-8236.02 -2059.00 0.0
127	70	0.0 -1.701e+04	0.0 0.0	0.10 7.06e-04	-283.45 0.0	0.0 60.0	0.0 0.0	283.45 141.72	0.0 0.0	-9.95e-04 -9.95e-04	0.0 0.0	-1.701e+04 -4251.73

					120.0	0.0	3.70e-06	0.0	-9.95e-04	0.0	0.0
127	71	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	-4.82e-04	0.0
		-8236.02	0.0	6.39e-04	0.0	60.0	0.0	68.63	0.0	-4.82e-04	0.0
						120.0	0.0	-1.05e-06	0.0	-4.82e-04	0.0
127	72	0.0	0.0	0.11	-210.36	0.0	0.0	210.36	0.0	-7.38e-04	0.0
		-1.262e+04	0.0	6.73e-04	0.0	60.0	0.0	105.18	0.0	-7.38e-04	0.0
						120.0	0.0	1.33e-06	0.0	-7.38e-04	0.0
127	73	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	-4.82e-04	0.0
		-8236.02	0.0	6.39e-04	0.0	60.0	0.0	68.63	0.0	-4.82e-04	0.0
						120.0	0.0	-1.05e-06	0.0	-4.82e-04	0.0
127	74	0.0	0.0	0.11	-181.12	0.0	0.0	181.12	0.0	-6.36e-04	0.0
		-1.087e+04	0.0	6.59e-04	0.0	60.0	0.0	90.56	0.0	-6.36e-04	0.0
						120.0	0.0	0.0	0.0	-6.36e-04	0.0
128	1	0.0	0.0	0.14	-178.45	0.0	0.0	178.45	0.0	-2.35e-04	0.0
		-1.071e+04	0.0	1.49e-03	0.0	60.0	0.0	89.22	0.0	-2.35e-04	0.0
						120.0	0.0	-1.36e-06	0.0	-2.35e-04	0.0
128	2	0.0	0.0	0.11	-397.72	0.0	0.0	397.72	0.0	-5.23e-04	0.0
		-2.386e+04	0.0	1.66e-03	0.0	60.0	0.0	198.86	0.0	-5.23e-04	0.0
						120.0	0.0	5.76e-06	0.0	-5.23e-04	0.0
128	4	0.0	0.0	0.08	-356.54	0.0	0.0	356.54	0.0	-4.69e-04	0.0
		-2.139e+04	0.0	1.31e-03	0.0	60.0	0.0	178.27	0.0	-4.69e-04	0.0
						120.0	0.0	6.07e-06	0.0	-4.69e-04	0.0
128	10	0.0	0.0	-0.12	-181.12	0.0	42.89	189.08	7.47	-2.38e-04	-895.84
		-1.182e+04	-895.84	-0.20	0.0	60.0	42.89	98.51	7.47	-2.38e-04	-447.92
						120.0	42.89	7.95	7.47	-2.38e-04	0.0
128	11	17.21	895.84	0.33	-181.12	0.0	-42.89	173.17	-7.47	-2.38e-04	895.84
		-9912.80	0.0	0.20	0.0	60.0	-42.89	82.61	-7.47	-2.38e-04	447.92
						120.0	-42.89	-7.95	-7.47	-2.38e-04	0.0
128	18	0.0	0.0	-0.10	-181.12	0.0	36.03	189.35	7.12	-2.38e-04	-854.36
		-1.186e+04	-854.36	0.37	0.0	60.0	36.03	98.79	7.12	-2.38e-04	-427.18
						120.0	36.03	8.23	7.12	-2.38e-04	0.0
128	19	19.28	854.36	0.31	-181.12	0.0	-36.03	172.89	-7.12	-2.38e-04	854.36
		-9879.57	0.0	-0.37	0.0	60.0	-36.03	82.33	-7.12	-2.38e-04	427.18
						120.0	-36.03	-8.23	-7.12	-2.38e-04	0.0
128	21	0.0	0.0	0.03	-181.12	0.0	11.76	183.68	40.64	-2.38e-04	-4877.31
		-1.112e+04	-4877.31	-0.30	0.0	60.0	11.76	93.12	40.64	-2.38e-04	-2438.65
						120.0	11.76	2.56	40.64	-2.38e-04	0.0
128	24	0.0	4877.31	0.17	-181.12	0.0	-11.76	178.56	-40.64	-2.38e-04	4877.31
		-1.061e+04	0.0	0.30	0.0	60.0	-11.76	88.00	-40.64	-2.38e-04	2438.65
						120.0	-11.76	-2.56	-40.64	-2.38e-04	0.0
128	42	0.0	0.0	-0.03	-181.12	0.0	24.69	185.70	4.34	-2.38e-04	-521.26
		-1.142e+04	-521.26	-0.12	0.0	60.0	24.69	95.14	4.34	-2.38e-04	-260.63
						120.0	24.69	4.58	4.34	-2.38e-04	0.0
128	43	0.0	521.26	0.24	-181.12	0.0	-24.69	176.54	-4.34	-2.38e-04	521.26
		-1.032e+04	0.0	0.12	0.0	60.0	-24.69	85.98	-4.34	-2.38e-04	260.63
						120.0	-24.69	-4.58	-4.34	-2.38e-04	0.0
128	46	0.0	21.42	-0.02	-181.12	0.0	20.60	185.77	-0.18	-2.38e-04	21.42
		-1.143e+04	0.0	0.23	0.0	60.0	20.60	95.21	-0.18	-2.38e-04	10.71
						120.0	20.60	4.65	-0.18	-2.38e-04	0.0
128	50	0.0	0.0	-0.02	-181.12	0.0	20.77	185.87	4.11	-2.38e-04	-493.04
		-1.144e+04	-493.04	0.21	0.0	60.0	20.77	95.31	4.11	-2.38e-04	-246.52
						120.0	20.77	4.75	4.11	-2.38e-04	0.0
128	53	0.0	0.0	0.06	-181.12	0.0	6.77	182.59	23.38	-2.38e-04	-2805.24
		-1.102e+04	-2805.24	-0.17	0.0	60.0	6.77	92.03	23.38	-2.38e-04	-1402.62
						120.0	6.77	1.47	23.38	-2.38e-04	0.0
128	56	0.0	2805.24	0.14	-181.12	0.0	-6.77	179.65	-23.38	-2.38e-04	2805.24
		-1.072e+04	0.0	0.17	0.0	60.0	-6.77	89.09	-23.38	-2.38e-04	1402.62
						120.0	-6.77	-1.47	-23.38	-2.38e-04	0.0
128	69	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	-1.81e-04	0.0
		-8236.02	0.0	1.15e-03	0.0	60.0	0.0	68.63	0.0	-1.81e-04	0.0
						120.0	0.0	-1.05e-06	0.0	-1.81e-04	0.0
128	70	0.0	0.0	0.09	-283.45	0.0	0.0	283.45	0.0	-3.73e-04	0.0
		-1.701e+04	0.0	1.26e-03	0.0	60.0	0.0	141.72	0.0	-3.73e-04	0.0
						120.0	0.0	3.70e-06	0.0	-3.73e-04	0.0
128	71	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	-1.81e-04	0.0
		-8236.02	0.0	1.15e-03	0.0	60.0	0.0	68.63	0.0	-1.81e-04	0.0
						120.0	0.0	-1.05e-06	0.0	-1.81e-04	0.0
128	72	0.0	0.0	0.10	-210.36	0.0	0.0	210.36	0.0	-2.77e-04	0.0
		-1.262e+04	0.0	1.20e-03	0.0	60.0	0.0	105.18	0.0	-2.77e-04	0.0
						120.0	0.0	1.33e-06	0.0	-2.77e-04	0.0
128	73	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	-1.81e-04	0.0
		-8236.02	0.0	1.15e-03	0.0	60.0	0.0	68.63	0.0	-1.81e-04	0.0
						120.0	0.0	-1.05e-06	0.0	-1.81e-04	0.0
128	74	0.0	0.0	0.10	-181.12	0.0	0.0	181.12	0.0	-2.38e-04	0.0
		-1.087e+04	0.0	1.18e-03	0.0	60.0	0.0	90.56	0.0	-2.38e-04	0.0
						120.0	0.0	0.0	0.0	-2.38e-04	0.0
129	1	0.0	0.0	0.14	-178.45	0.0	0.0	178.45	0.0	1.57e-04	0.0

		-1.071e+04	0.0	1.32e-03	0.0	60.0	0.0	89.22	0.0	1.57e-04	0.0	-2676.70
						120.0	0.0	-1.37e-06	0.0	1.57e-04	0.0	0.0
129	2	0.0	0.0	0.11	-397.72	0.0	0.0	397.72	0.0	3.49e-04	0.0	-2.386e+04
		-2.386e+04	0.0	1.47e-03	0.0	60.0	0.0	198.86	0.0	3.49e-04	0.0	-5965.79
						120.0	0.0	5.76e-06	0.0	3.49e-04	0.0	0.0
129	3	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	1.20e-04	0.0	-8236.02
		-8236.02	0.0	1.02e-03	0.0	60.0	0.0	68.63	0.0	1.20e-04	0.0	-2059.00
						120.0	0.0	-1.05e-06	0.0	1.20e-04	0.0	0.0
129	13	23.12	0.0	-0.12	-181.12	0.0	38.99	189.86	21.09	1.59e-04	-2531.27	-9818.22
		-9818.22	-2531.27	0.23	0.0	60.0	38.99	99.30	21.09	1.59e-04	-1265.63	-2192.28
						120.0	38.99	8.74	21.09	1.59e-04	0.0	0.0
129	16	0.0	2531.27	0.32	-181.12	0.0	-38.99	172.38	-21.09	1.59e-04	2531.27	-1.192e+04
		-1.192e+04	0.0	-0.23	0.0	60.0	-38.99	81.82	-21.09	1.59e-04	1265.63	-3241.36
						120.0	-38.99	-8.74	-21.09	1.59e-04	0.0	0.0
129	18	20.28	0.0	-0.12	-181.12	0.0	39.85	189.49	6.10	1.59e-04	-731.66	-9863.64
		-9863.64	-731.66	0.34	0.0	60.0	39.85	98.92	6.10	1.59e-04	-365.83	-2215.00
						120.0	39.85	8.36	6.10	1.59e-04	0.0	0.0
129	19	0.0	731.66	0.32	-181.12	0.0	-39.85	172.76	-6.10	1.59e-04	731.66	-1.187e+04
		-1.187e+04	0.0	-0.33	0.0	60.0	-39.85	82.20	-6.10	1.59e-04	365.83	-3218.65
						120.0	-39.85	-8.36	-6.10	1.59e-04	0.0	0.0
129	21	0.0	0.0	0.04	-181.12	0.0	10.39	184.09	40.90	1.59e-04	-4907.57	-1.105e+04
		-1.105e+04	-4907.57	-0.30	0.0	60.0	10.39	93.53	40.90	1.59e-04	-2453.79	-2807.11
						120.0	10.39	2.97	40.90	1.59e-04	0.0	0.0
129	24	0.0	4907.57	0.17	-181.12	0.0	-10.39	178.15	-40.90	1.59e-04	4907.57	-1.069e+04
		-1.069e+04	0.0	0.30	0.0	60.0	-10.39	87.59	-40.90	1.59e-04	2453.79	-2626.53
						120.0	-10.39	-2.97	-40.90	1.59e-04	0.0	0.0
129	48	0.0	1456.73	0.23	-181.12	0.0	-22.49	176.08	-12.14	1.59e-04	1456.73	-1.147e+04
		-1.147e+04	0.0	-0.13	0.0	60.0	-22.49	85.52	-12.14	1.59e-04	728.36	-3019.25
						120.0	-22.49	-5.04	-12.14	1.59e-04	0.0	0.0
129	50	0.0	0.0	-0.03	-181.12	0.0	22.98	185.94	3.52	1.59e-04	-422.33	-1.029e+04
		-1.029e+04	-422.33	0.19	0.0	60.0	22.98	95.38	3.52	1.59e-04	-211.16	-2427.46
						120.0	22.98	4.82	3.52	1.59e-04	0.0	0.0
129	51	0.0	422.33	0.23	-181.12	0.0	-22.98	176.30	-3.52	1.59e-04	422.33	-1.145e+04
		-1.145e+04	0.0	-0.19	0.0	60.0	-22.98	85.74	-3.52	1.59e-04	211.16	-3006.19
						120.0	-22.98	-4.82	-3.52	1.59e-04	0.0	0.0
129	53	0.0	0.0	0.06	-181.12	0.0	5.99	182.83	23.53	1.59e-04	-2823.25	-1.097e+04
		-1.097e+04	-2823.25	-0.17	0.0	60.0	5.99	92.27	23.53	1.59e-04	-1411.62	-2768.80
						120.0	5.99	1.71	23.53	1.59e-04	0.0	0.0
129	56	0.0	2823.25	0.14	-181.12	0.0	-5.99	179.41	-23.53	1.59e-04	2823.25	-1.076e+04
		-1.076e+04	0.0	0.17	0.0	60.0	-5.99	88.85	-23.53	1.59e-04	1411.62	-2664.84
						120.0	-5.99	-1.71	-23.53	1.59e-04	0.0	0.0
129	69	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	1.20e-04	0.0	-8236.02
		-8236.02	0.0	1.02e-03	0.0	60.0	0.0	68.63	0.0	1.20e-04	0.0	-2059.00
						120.0	0.0	-1.05e-06	0.0	1.20e-04	0.0	0.0
129	70	0.0	0.0	0.09	-283.45	0.0	0.0	283.45	0.0	2.49e-04	0.0	-1.701e+04
		-1.701e+04	0.0	1.11e-03	0.0	60.0	0.0	141.72	0.0	2.49e-04	0.0	-4251.73
						120.0	0.0	3.70e-06	0.0	2.49e-04	0.0	0.0
129	71	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	1.20e-04	0.0	-8236.02
		-8236.02	0.0	1.02e-03	0.0	60.0	0.0	68.63	0.0	1.20e-04	0.0	-2059.00
						120.0	0.0	-1.05e-06	0.0	1.20e-04	0.0	0.0
129	72	0.0	0.0	0.10	-210.36	0.0	0.0	210.36	0.0	1.85e-04	0.0	-1.262e+04
		-1.262e+04	0.0	1.07e-03	0.0	60.0	0.0	105.18	0.0	1.85e-04	0.0	-3155.37
						120.0	0.0	1.32e-06	0.0	1.85e-04	0.0	0.0
129	73	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	1.20e-04	0.0	-8236.02
		-8236.02	0.0	1.02e-03	0.0	60.0	0.0	68.63	0.0	1.20e-04	0.0	-2059.00
						120.0	0.0	-1.05e-06	0.0	1.20e-04	0.0	0.0
129	74	0.0	0.0	0.10	-181.12	0.0	0.0	181.12	0.0	1.59e-04	0.0	-1.087e+04
		-1.087e+04	0.0	1.05e-03	0.0	60.0	0.0	90.56	0.0	1.59e-04	0.0	-2716.82
						120.0	0.0	0.0	0.0	1.59e-04	0.0	0.0
130	1	0.0	0.0	0.14	-178.45	0.0	0.0	178.45	0.0	5.48e-04	0.0	-1.071e+04
		-1.071e+04	0.0	3.24e-04	0.0	60.0	0.0	89.22	0.0	5.48e-04	0.0	-2676.70
						120.0	0.0	-1.37e-06	0.0	5.48e-04	0.0	0.0
130	2	0.0	0.0	0.11	-397.72	0.0	0.0	397.72	0.0	1.22e-03	0.0	-2.386e+04
		-2.386e+04	0.0	3.66e-04	0.0	60.0	0.0	198.86	0.0	1.22e-03	0.0	-5965.79
						120.0	0.0	5.75e-06	0.0	1.22e-03	0.0	0.0
130	3	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	4.21e-04	0.0	-8236.02
		-8236.02	0.0	2.49e-04	0.0	60.0	0.0	68.63	0.0	4.21e-04	0.0	-2059.00
						120.0	0.0	-1.05e-06	0.0	4.21e-04	0.0	0.0
130	4	0.0	0.0	0.08	-356.54	0.0	0.0	356.54	0.0	1.09e-03	0.0	-2.139e+04
		-2.139e+04	0.0	2.92e-04	0.0	60.0	0.0	178.27	0.0	1.09e-03	0.0	-5348.09
						120.0	0.0	6.07e-06	0.0	1.09e-03	0.0	0.0
130	14	0.0	730.43	-0.13	-181.12	0.0	43.54	189.75	-6.09	5.56e-04	730.43	-1.198e+04
		-1.198e+04	0.0	-0.02	0.0	60.0	43.54	99.19	-6.09	5.56e-04	365.22	-3271.45
						120.0	43.54	8.63	-6.09	5.56e-04	0.0	0.0
130	15	26.88	0.0	0.33	-181.12	0.0	-43.54	172.49	6.09	5.56e-04	-730.43	-9758.04
		-9758.04	-730.43	0.02	0.0	60.0	-43.54	81.93	6.09	5.56e-04	-365.22	-2162.20
						120.0	-43.54	-8.63	6.09	5.56e-04	0.0	0.0

130	21	0.0	0.0	0.04	-181.12	0.0	8.28	179.99	41.83	5.56e-04	-5019.33	-1.100e+04
		-1.100e+04	-5019.33	-0.21	0.0	60.0	8.28	89.43	41.83	5.56e-04	-2509.67	-2784.47
						120.0	8.28	-1.13	41.83	5.56e-04	0.0	0.0
130	24	0.0	5019.33	0.16	-181.12	0.0	-8.28	182.25	-41.83	5.56e-04	5019.33	-1.073e+04
		-1.073e+04	0.0	0.21	0.0	60.0	-8.28	91.69	-41.83	5.56e-04	2509.67	-2649.17
						120.0	-8.28	1.13	-41.83	5.56e-04	0.0	0.0
130	40	0.0	1470.61	0.22	-181.12	0.0	-19.75	185.07	-12.26	5.56e-04	1470.61	-1.039e+04
		-1.039e+04	0.0	0.15	0.0	60.0	-19.75	94.51	-12.26	5.56e-04	735.30	-2480.15
						120.0	-19.75	3.94	-12.26	5.56e-04	0.0	0.0
130	46	0.0	419.96	-0.03	-181.12	0.0	25.10	186.10	-3.50	5.56e-04	419.96	-1.151e+04
		-1.151e+04	0.0	-0.01	0.0	60.0	25.10	95.54	-3.50	5.56e-04	209.98	-3036.57
						120.0	25.10	4.98	-3.50	5.56e-04	0.0	0.0
130	47	0.0	0.0	0.23	-181.12	0.0	-25.10	176.14	3.50	5.56e-04	-419.96	-1.023e+04
		-1.023e+04	-419.96	0.01	0.0	60.0	-25.10	85.58	3.50	5.56e-04	-209.98	-2397.07
						120.0	-25.10	-4.98	3.50	5.56e-04	0.0	0.0
130	53	0.0	0.0	0.07	-181.12	0.0	4.77	180.47	24.09	5.56e-04	-2890.34	-1.095e+04
		-1.095e+04	-2890.34	-0.13	0.0	60.0	4.77	89.91	24.09	5.56e-04	-1445.17	-2755.81
						120.0	4.77	-0.65	24.09	5.56e-04	0.0	0.0
130	56	0.0	2890.34	0.14	-181.12	0.0	-4.77	181.77	-24.09	5.56e-04	2890.34	-1.079e+04
		-1.079e+04	0.0	0.13	0.0	60.0	-4.77	91.21	-24.09	5.56e-04	1445.17	-2677.83
						120.0	-4.77	0.65	-24.09	5.56e-04	0.0	0.0
130	69	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	4.21e-04	0.0	-8236.02
		-8236.02	0.0	2.49e-04	0.0	60.0	0.0	68.63	0.0	4.21e-04	0.0	-2059.00
						120.0	0.0	-1.05e-06	0.0	4.21e-04	0.0	0.0
130	70	0.0	0.0	0.09	-283.45	0.0	0.0	283.45	0.0	8.70e-04	0.0	-1.701e+04
		-1.701e+04	0.0	2.77e-04	0.0	60.0	0.0	141.72	0.0	8.70e-04	0.0	-4251.73
						120.0	0.0	3.70e-06	0.0	8.70e-04	0.0	0.0
130	71	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	4.21e-04	0.0	-8236.02
		-8236.02	0.0	2.49e-04	0.0	60.0	0.0	68.63	0.0	4.21e-04	0.0	-2059.00
						120.0	0.0	-1.05e-06	0.0	4.21e-04	0.0	0.0
130	72	0.0	0.0	0.10	-210.36	0.0	0.0	210.36	0.0	6.46e-04	0.0	-1.262e+04
		-1.262e+04	0.0	2.63e-04	0.0	60.0	0.0	105.18	0.0	6.46e-04	0.0	-3155.37
						120.0	0.0	1.32e-06	0.0	6.46e-04	0.0	0.0
130	73	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	4.21e-04	0.0	-8236.02
		-8236.02	0.0	2.49e-04	0.0	60.0	0.0	68.63	0.0	4.21e-04	0.0	-2059.00
						120.0	0.0	-1.05e-06	0.0	4.21e-04	0.0	0.0
130	74	0.0	0.0	0.10	-181.12	0.0	0.0	181.12	0.0	5.56e-04	0.0	-1.087e+04
		-1.087e+04	0.0	2.58e-04	0.0	60.0	0.0	90.56	0.0	5.56e-04	0.0	-2716.82
						120.0	0.0	0.0	0.0	5.56e-04	0.0	0.0
131	1	0.0	0.0	0.14	-178.45	0.0	0.0	178.45	0.0	-5.48e-04	0.0	-1.071e+04
		-1.071e+04	0.0	-1.32e-03	0.0	60.0	0.0	89.22	0.0	-5.48e-04	0.0	-2676.70
						120.0	0.0	-1.37e-06	0.0	-5.48e-04	0.0	0.0
131	2	0.0	0.0	0.12	-397.72	0.0	0.0	397.72	0.0	-1.22e-03	0.0	-2.386e+04
		-2.386e+04	0.0	-1.49e-03	0.0	60.0	0.0	198.86	0.0	-1.22e-03	0.0	-5965.79
						120.0	0.0	5.75e-06	0.0	-1.22e-03	0.0	0.0
131	4	0.0	0.0	0.08	-356.54	0.0	0.0	356.54	0.0	-1.09e-03	0.0	-2.139e+04
		-2.139e+04	0.0	-1.18e-03	0.0	60.0	0.0	178.27	0.0	-1.09e-03	0.0	-5348.09
						120.0	0.0	6.07e-06	0.0	-1.09e-03	0.0	0.0
131	13	0.0	0.0	-0.13	-181.12	0.0	43.32	190.06	19.83	-5.56e-04	-2379.86	-1.197e+04
		-1.197e+04	-2379.86	-0.16	0.0	60.0	43.32	99.50	19.83	-5.56e-04	-1189.93	-3270.53
						120.0	43.32	8.94	19.83	-5.56e-04	0.0	0.0
131	14	0.0	598.99	-0.13	-181.12	0.0	44.72	190.35	-4.99	-5.56e-04	598.99	-1.194e+04
		-1.194e+04	0.0	-0.11	0.0	60.0	44.72	99.79	-4.99	-5.56e-04	299.49	-3253.13
						120.0	44.72	9.23	-4.99	-5.56e-04	0.0	0.0
131	15	24.59	0.0	0.33	-181.12	0.0	-44.72	171.89	4.99	-5.56e-04	-598.99	-9794.67
		-9794.67	-598.99	0.11	0.0	60.0	-44.72	81.33	4.99	-5.56e-04	-299.49	-2180.51
						120.0	-44.72	-9.23	4.99	-5.56e-04	0.0	0.0
131	16	26.76	2379.86	0.34	-181.12	0.0	-43.32	172.18	-19.83	-5.56e-04	2379.86	-9759.86
		-9759.86	0.0	0.16	0.0	60.0	-43.32	81.62	-19.83	-5.56e-04	1189.93	-2163.11
						120.0	-43.32	-8.94	-19.83	-5.56e-04	0.0	0.0
131	21	0.0	0.0	0.04	-181.12	0.0	7.19	178.57	44.70	-5.56e-04	-5364.56	-1.117e+04
		-1.117e+04	-5364.56	-0.15	0.0	60.0	7.19	88.01	44.70	-5.56e-04	-2682.28	-2869.79
						120.0	7.19	-2.55	44.70	-5.56e-04	0.0	0.0
131	24	0.0	5364.56	0.17	-181.12	0.0	-7.19	183.67	-44.70	-5.56e-04	5364.56	-1.056e+04
		-1.056e+04	0.0	0.15	0.0	60.0	-7.19	93.11	-44.70	-5.56e-04	2682.28	-2563.86
						120.0	-7.19	2.55	-44.70	-5.56e-04	0.0	0.0
131	45	0.0	0.0	-0.03	-181.12	0.0	24.98	186.28	11.43	-5.56e-04	-1371.78	-1.151e+04
		-1.151e+04	-1371.78	-0.10	0.0	60.0	24.98	95.72	11.43	-5.56e-04	-685.89	-3036.09
						120.0	24.98	5.16	11.43	-5.56e-04	0.0	0.0
131	46	0.0	344.06	-0.03	-181.12	0.0	25.79	186.44	-2.87	-5.56e-04	344.06	-1.149e+04
		-1.149e+04	0.0	-0.06	0.0	60.0	25.79	95.88	-2.87	-5.56e-04	172.03	-3026.18
						120.0	25.79	5.32	-2.87	-5.56e-04	0.0	0.0
131	47	0.0	0.0	0.23	-181.12	0.0	-25.79	175.80	2.87	-5.56e-04	-344.06	-1.025e+04
		-1.025e+04	-344.06	0.06	0.0	60.0	-25.79	85.24	2.87	-5.56e-04	-172.03	-2407.46
						120.0	-25.79	-5.32	2.87	-5.56e-04	0.0	0.0
131	53	0.0	0.0	0.07	-181.12	0.0	4.14	179.66	25.76	-5.56e-04	-3091.45	-1.104e+04
		-1.104e+04	-3091.45	-0.10	0.0	60.0	4.14	89.10	25.76	-5.56e-04	-1545.72	-2804.76

					120.0	4.14	-1.47	25.76	-5.56e-04	0.0	0.0
131	56	0.0	3091.45	0.14	-181.12	0.0	-4.14	182.59	-25.76	-5.56e-04	3091.45 -1.069e+04
		-1.069e+04	0.0	0.10	0.0	60.0	-4.14	92.03	-25.76	-5.56e-04	1545.72 -2628.89
					120.0	-4.14	1.47	-25.76	-5.56e-04	0.0	0.0
131	69	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	-4.21e-04	0.0 -8236.02
		-8236.02	0.0	-1.02e-03	0.0	60.0	0.0	68.63	0.0	-4.21e-04	0.0 -2059.00
					120.0	0.0	-1.05e-06	0.0	-4.21e-04	0.0	0.0
131	70	0.0	0.0	0.09	-283.45	0.0	0.0	283.45	0.0	-8.70e-04	0.0 -1.701e+04
		-1.701e+04	0.0	-1.13e-03	0.0	60.0	0.0	141.72	0.0	-8.70e-04	0.0 -4251.73
					120.0	0.0	3.69e-06	0.0	-8.70e-04	0.0	0.0
131	71	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	-4.21e-04	0.0 -8236.02
		-8236.02	0.0	-1.02e-03	0.0	60.0	0.0	68.63	0.0	-4.21e-04	0.0 -2059.00
					120.0	0.0	-1.05e-06	0.0	-4.21e-04	0.0	0.0
131	72	0.0	0.0	0.10	-210.36	0.0	0.0	210.36	0.0	-6.46e-04	0.0 -1.262e+04
		-1.262e+04	0.0	-1.07e-03	0.0	60.0	0.0	105.18	0.0	-6.46e-04	0.0 -3155.37
					120.0	0.0	1.32e-06	0.0	-6.46e-04	0.0	0.0
131	73	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	-4.21e-04	0.0 -8236.02
		-8236.02	0.0	-1.02e-03	0.0	60.0	0.0	68.63	0.0	-4.21e-04	0.0 -2059.00
					120.0	0.0	-1.05e-06	0.0	-4.21e-04	0.0	0.0
131	74	0.0	0.0	0.10	-181.12	0.0	0.0	181.12	0.0	-5.56e-04	0.0 -1.087e+04
		-1.087e+04	0.0	-1.05e-03	0.0	60.0	0.0	90.56	0.0	-5.56e-04	0.0 -2716.82
					120.0	0.0	0.0	0.0	0.0	-5.56e-04	0.0 0.0
132	1	0.0	0.0	0.14	-178.45	0.0	0.0	178.45	0.0	-1.57e-04	0.0 -1.071e+04
		-1.071e+04	0.0	-2.24e-03	0.0	60.0	0.0	89.22	0.0	-1.57e-04	0.0 -2676.70
					120.0	0.0	-1.37e-06	0.0	-1.57e-04	0.0	0.0
132	2	0.0	0.0	0.11	-397.72	0.0	0.0	397.72	0.0	-3.49e-04	0.0 -2.386e+04
		-2.386e+04	0.0	-2.61e-03	0.0	60.0	0.0	198.86	0.0	-3.49e-04	0.0 -5965.79
					120.0	0.0	5.75e-06	0.0	-3.49e-04	0.0	0.0
132	4	0.0	0.0	0.08	-356.54	0.0	0.0	356.54	0.0	-3.13e-04	0.0 -2.139e+04
		-2.139e+04	0.0	-2.09e-03	0.0	60.0	0.0	178.27	0.0	-3.13e-04	0.0 -5348.09
					120.0	0.0	6.07e-06	0.0	-3.13e-04	0.0	0.0
132	14	0.0	0.0	-0.10	-181.12	0.0	41.50	189.66	2.57	-1.59e-04	-307.95 -1.189e+04
		-1.189e+04	-307.95	-0.32	0.0	60.0	41.50	99.10	2.57	-1.59e-04	-153.97 -3228.96
					120.0	41.50	8.54	2.57	-1.59e-04	0.0	0.0
132	15	21.57	307.95	0.30	-181.12	0.0	-41.50	172.59	-2.57	-1.59e-04	307.95 -9843.01
		-9843.01	0.0	0.31	0.0	60.0	-41.50	82.03	-2.57	-1.59e-04	153.97 -2204.68
					120.0	-41.50	-8.54	-2.57	-1.59e-04	0.0	0.0
132	21	0.0	0.0	0.03	-181.12	0.0	5.26	178.58	47.93	-1.59e-04	-5751.76 -1.100e+04
		-1.100e+04	-5751.76	-0.27	0.0	60.0	5.26	88.02	47.93	-1.59e-04	-2875.88 -2784.68
					120.0	5.26	-2.54	47.93	-1.59e-04	0.0	0.0
132	24	0.0	5751.76	0.17	-181.12	0.0	-5.26	183.66	-47.93	-1.59e-04	5751.76 -1.073e+04
		-1.073e+04	0.0	0.27	0.0	60.0	-5.26	93.10	-47.93	-1.59e-04	2875.88 -2648.97
					120.0	-5.26	2.54	-47.93	-1.59e-04	0.0	0.0
132	37	0.0	0.0	9.89e-03	-181.12	0.0	14.63	177.48	18.44	-1.59e-04	-2212.97 -1.128e+04
		-1.128e+04	-2212.97	-0.27	0.0	60.0	14.63	86.92	18.44	-1.59e-04	-1106.49 -2921.16
					120.0	14.63	-3.64	18.44	-1.59e-04	0.0	0.0
132	46	0.0	0.0	-0.01	-181.12	0.0	23.92	186.04	1.50	-1.59e-04	-179.51 -1.146e+04
		-1.146e+04	-179.51	-0.18	0.0	60.0	23.92	95.48	1.50	-1.59e-04	-89.76 -3012.01
					120.0	23.92	4.92	1.50	-1.59e-04	0.0	0.0
132	47	0.0	179.51	0.22	-181.12	0.0	-23.92	176.20	-1.50	-1.59e-04	179.51 -1.028e+04
		-1.028e+04	0.0	0.18	0.0	60.0	-23.92	85.64	-1.50	-1.59e-04	89.76 -2421.63
					120.0	-23.92	-4.92	-1.50	-1.59e-04	0.0	0.0
132	53	0.0	0.0	0.06	-181.12	0.0	3.05	179.67	27.62	-1.59e-04	-3313.89 -1.095e+04
		-1.095e+04	-3313.89	-0.17	0.0	60.0	3.05	89.11	27.62	-1.59e-04	-1656.95 -2756.55
					120.0	3.05	-1.45	27.62	-1.59e-04	0.0	0.0
132	56	0.0	3313.89	0.14	-181.12	0.0	-3.05	182.57	-27.62	-1.59e-04	3313.89 -1.079e+04
		-1.079e+04	0.0	0.16	0.0	60.0	-3.05	92.01	-27.62	-1.59e-04	1656.95 -2677.09
					120.0	-3.05	1.45	-27.62	-1.59e-04	0.0	0.0
132	69	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	-1.20e-04	0.0 -8236.02
		-8236.02	0.0	-1.72e-03	0.0	60.0	0.0	68.63	0.0	-1.20e-04	0.0 -2059.00
					120.0	0.0	-1.06e-06	0.0	-1.20e-04	0.0	0.0
132	70	0.0	0.0	0.09	-283.45	0.0	0.0	283.45	0.0	-2.49e-04	0.0 -1.701e+04
		-1.701e+04	0.0	-1.97e-03	0.0	60.0	0.0	141.72	0.0	-2.49e-04	0.0 -4251.73
					120.0	0.0	3.69e-06	0.0	-2.49e-04	0.0	0.0
132	71	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	-1.20e-04	0.0 -8236.02
		-8236.02	0.0	-1.72e-03	0.0	60.0	0.0	68.63	0.0	-1.20e-04	0.0 -2059.00
					120.0	0.0	-1.06e-06	0.0	-1.20e-04	0.0	0.0
132	72	0.0	0.0	0.10	-210.36	0.0	0.0	210.36	0.0	-1.85e-04	0.0 -1.262e+04
		-1.262e+04	0.0	-1.85e-03	0.0	60.0	0.0	105.18	0.0	-1.85e-04	0.0 -3155.37
					120.0	0.0	1.32e-06	0.0	-1.85e-04	0.0	0.0
132	73	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	-1.20e-04	0.0 -8236.02
		-8236.02	0.0	-1.72e-03	0.0	60.0	0.0	68.63	0.0	-1.20e-04	0.0 -2059.00
					120.0	0.0	-1.06e-06	0.0	-1.20e-04	0.0	0.0
132	74	0.0	0.0	0.10	-181.12	0.0	0.0	181.12	0.0	-1.59e-04	0.0 -1.087e+04
		-1.087e+04	0.0	-1.80e-03	0.0	60.0	0.0	90.56	0.0	-1.59e-04	0.0 -2716.82
					120.0	0.0	0.0	0.0	0.0	-1.59e-04	0.0 0.0
133	1	0.0	0.0	0.14	-178.45	0.0	0.0	178.45	0.0	2.35e-04	0.0 -1.071e+04

		-1.071e+04	0.0	-2.40e-03	0.0	60.0	0.0	89.22	0.0	2.35e-04	0.0	-2676.70
						120.0	0.0	-1.38e-06	0.0	2.35e-04	0.0	0.0
133	2	0.0	0.0	0.11	-397.72	0.0	0.0	397.72	0.0	5.23e-04	0.0	-2.386e+04
		-2.386e+04	0.0	-2.78e-03	0.0	60.0	0.0	198.86	0.0	5.23e-04	0.0	-5965.79
						120.0	0.0	5.74e-06	0.0	5.23e-04	0.0	0.0
133	3	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	1.81e-04	0.0	-8236.02
		-8236.02	0.0	-1.84e-03	0.0	60.0	0.0	68.63	0.0	1.81e-04	0.0	-2059.00
						120.0	0.0	-1.06e-06	0.0	1.81e-04	0.0	0.0
133	13	0.0	0.0	-0.09	-181.12	0.0	34.84	188.47	29.41	2.38e-04	-3529.28	-1.179e+04
		-1.179e+04	-3529.28	-0.45	0.0	60.0	34.84	97.91	29.41	2.38e-04	-1764.64	-3179.52
						120.0	34.84	7.35	29.41	2.38e-04	0.0	0.0
133	16	15.39	3529.28	0.29	-181.12	0.0	-34.84	173.77	-29.41	2.38e-04	3529.28	-9941.89
		-9941.89	0.0	0.45	0.0	60.0	-34.84	83.21	-29.41	2.38e-04	1764.64	-2254.12
						120.0	-34.84	-7.35	-29.41	2.38e-04	0.0	0.0
133	18	0.0	0.0	-0.07	-181.12	0.0	36.97	188.48	12.53	2.38e-04	-1503.95	-1.175e+04
		-1.175e+04	-1503.95	-0.40	0.0	60.0	36.97	97.92	12.53	2.38e-04	-751.98	-3158.60
						120.0	36.97	7.36	12.53	2.38e-04	0.0	0.0
133	19	12.77	1503.95	0.27	-181.12	0.0	-36.97	173.76	-12.53	2.38e-04	1503.95	-9983.74
		-9983.74	0.0	0.39	0.0	60.0	-36.97	83.20	-12.53	2.38e-04	751.98	-2275.04
						120.0	-36.97	-7.36	-12.53	2.38e-04	0.0	0.0
133	21	0.0	0.0	0.03	-181.12	0.0	3.13	178.89	48.33	2.38e-04	-5799.39	-1.114e+04
		-1.114e+04	-5799.39	-0.28	0.0	60.0	3.13	88.33	48.33	2.38e-04	-2899.70	-2850.83
						120.0	3.13	-2.23	48.33	2.38e-04	0.0	0.0
133	24	0.0	5799.39	0.17	-181.12	0.0	-3.13	183.36	-48.33	2.38e-04	5799.39	-1.060e+04
		-1.060e+04	0.0	0.28	0.0	60.0	-3.13	92.79	-48.33	2.38e-04	2899.70	-2582.81
						120.0	-3.13	2.23	-48.33	2.38e-04	0.0	0.0
133	39	0.0	508.41	0.17	-181.12	0.0	-13.26	184.15	-4.24	2.38e-04	508.41	-1.050e+04
		-1.050e+04	0.0	0.22	0.0	60.0	-13.26	93.59	-4.24	2.38e-04	254.20	-2534.90
						120.0	-13.26	3.03	-4.24	2.38e-04	0.0	0.0
133	45	0.0	0.0	-6.43e-03	-181.12	0.0	20.11	185.36	16.95	2.38e-04	-2034.60	-1.140e+04
		-1.140e+04	-2034.60	-0.26	0.0	60.0	20.11	94.80	16.95	2.38e-04	-1017.30	-2983.52
						120.0	20.11	4.24	16.95	2.38e-04	0.0	0.0
133	50	0.0	0.0	7.53e-03	-181.12	0.0	21.31	185.37	7.24	2.38e-04	-868.36	-1.138e+04
		-1.138e+04	-868.36	-0.23	0.0	60.0	21.31	94.81	7.24	2.38e-04	-434.18	-2971.75
						120.0	21.31	4.25	7.24	2.38e-04	0.0	0.0
133	51	0.0	868.36	0.20	-181.12	0.0	-21.31	176.87	-7.24	2.38e-04	868.36	-1.036e+04
		-1.036e+04	0.0	0.22	0.0	60.0	-21.31	86.31	-7.24	2.38e-04	434.18	-2461.89
						120.0	-21.31	-4.25	-7.24	2.38e-04	0.0	0.0
133	53	0.0	0.0	0.06	-181.12	0.0	1.84	179.84	27.84	2.38e-04	-3341.28	-1.102e+04
		-1.102e+04	-3341.28	-0.17	0.0	60.0	1.84	89.28	27.84	2.38e-04	-1670.64	-2793.56
						120.0	1.84	-1.28	27.84	2.38e-04	0.0	0.0
133	56	0.0	3341.28	0.14	-181.12	0.0	-1.84	182.40	-27.84	2.38e-04	3341.28	-1.071e+04
		-1.071e+04	0.0	0.17	0.0	60.0	-1.84	91.84	-27.84	2.38e-04	1670.64	-2640.08
						120.0	-1.84	1.28	-27.84	2.38e-04	0.0	0.0
133	69	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	1.81e-04	0.0	-8236.02
		-8236.02	0.0	-1.84e-03	0.0	60.0	0.0	68.63	0.0	1.81e-04	0.0	-2059.00
						120.0	0.0	-1.06e-06	0.0	1.81e-04	0.0	0.0
133	70	0.0	0.0	0.09	-283.45	0.0	0.0	283.45	0.0	3.73e-04	0.0	-1.701e+04
		-1.701e+04	0.0	-2.10e-03	0.0	60.0	0.0	141.72	0.0	3.73e-04	0.0	-4251.73
						120.0	0.0	3.69e-06	0.0	3.73e-04	0.0	0.0
133	71	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	1.81e-04	0.0	-8236.02
		-8236.02	0.0	-1.84e-03	0.0	60.0	0.0	68.63	0.0	1.81e-04	0.0	-2059.00
						120.0	0.0	-1.06e-06	0.0	1.81e-04	0.0	0.0
133	72	0.0	0.0	0.10	-210.36	0.0	0.0	210.36	0.0	2.77e-04	0.0	-1.262e+04
		-1.262e+04	0.0	-1.97e-03	0.0	60.0	0.0	105.18	0.0	2.77e-04	0.0	-3155.37
						120.0	0.0	1.31e-06	0.0	2.77e-04	0.0	0.0
133	73	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	1.81e-04	0.0	-8236.02
		-8236.02	0.0	-1.84e-03	0.0	60.0	0.0	68.63	0.0	1.81e-04	0.0	-2059.00
						120.0	0.0	-1.06e-06	0.0	1.81e-04	0.0	0.0
133	74	0.0	0.0	0.10	-181.12	0.0	0.0	181.12	0.0	2.38e-04	0.0	-1.087e+04
		-1.087e+04	0.0	-1.92e-03	0.0	60.0	0.0	90.56	0.0	2.38e-04	0.0	-2716.82
						120.0	0.0	0.0	0.0	2.38e-04	0.0	0.0
134	1	0.0	0.0	0.14	-178.45	0.0	0.0	178.45	0.0	6.26e-04	0.0	-1.071e+04
		-1.071e+04	0.0	-1.79e-03	0.0	60.0	0.0	89.22	0.0	6.26e-04	0.0	-2676.70
						120.0	0.0	-1.38e-06	0.0	6.26e-04	0.0	0.0
134	2	0.0	0.0	0.12	-397.72	0.0	0.0	397.72	0.0	1.40e-03	0.0	-2.386e+04
		-2.386e+04	0.0	-2.00e-03	0.0	60.0	0.0	198.86	0.0	1.40e-03	0.0	-5965.79
						120.0	0.0	5.74e-06	0.0	1.40e-03	0.0	0.0
134	3	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	4.82e-04	0.0	-8236.02
		-8236.02	0.0	-1.38e-03	0.0	60.0	0.0	68.63	0.0	4.82e-04	0.0	-2059.00
						120.0	0.0	-1.06e-06	0.0	4.82e-04	0.0	0.0
134	13	10.77	0.0	-0.06	-181.12	0.0	31.63	174.47	24.15	6.36e-04	-2897.71	-1.002e+04
		-1.002e+04	-2897.71	-0.29	0.0	60.0	31.63	83.91	24.15	6.36e-04	-1448.85	-2291.09
						120.0	31.63	-6.65	24.15	6.36e-04	0.0	0.0
134	16	0.0	2897.71	0.27	-181.12	0.0	-31.63	187.77	-24.15	6.36e-04	2897.71	-1.172e+04
		-1.172e+04	0.0	0.29	0.0	60.0	-31.63	97.21	-24.15	6.36e-04	1448.85	-3142.55
						120.0	-31.63	6.65	-24.15	6.36e-04	0.0	0.0

134	18	7.45	0.0	-0.03	-181.12	0.0	34.65	174.47	7.80	6.36e-04	-935.84	-1.007e+04
		-1.007e+04	-935.84	-0.27	0.0	60.0	34.65	83.91	7.80	6.36e-04	-467.92	-2317.62
						120.0	34.65	-6.65	7.80	6.36e-04	0.0	0.0
134	19	0.0	935.84	0.25	-181.12	0.0	-34.65	187.77	-7.80	6.36e-04	935.84	-1.167e+04
		-1.167e+04	0.0	0.27	0.0	60.0	-34.65	97.21	-7.80	6.36e-04	467.92	-3116.02
						120.0	-34.65	6.65	-7.80	6.36e-04	0.0	0.0
134	21	0.0	0.0	0.03	-181.12	0.0	1.78	180.33	45.89	6.36e-04	-5506.67	-1.059e+04
		-1.059e+04	-5506.67	-0.19	0.0	60.0	1.78	89.77	45.89	6.36e-04	-2753.33	-2579.98
						120.0	1.78	-0.79	45.89	6.36e-04	0.0	0.0
134	24	0.0	5506.67	0.18	-181.12	0.0	-1.78	181.92	-45.89	6.36e-04	5506.67	-1.114e+04
		-1.114e+04	0.0	0.18	0.0	60.0	-1.78	91.36	-45.89	6.36e-04	2753.33	-2853.67
						120.0	-1.78	0.79	-45.89	6.36e-04	0.0	0.0
134	47	0.0	0.0	0.19	-181.12	0.0	-19.86	185.21	0.57	6.36e-04	-68.15	-1.133e+04
		-1.133e+04	-68.15	0.12	0.0	60.0	-19.86	94.65	0.57	6.36e-04	-34.08	-2947.17
						120.0	-19.86	4.09	0.57	6.36e-04	0.0	0.0
134	48	0.0	1670.52	0.20	-181.12	0.0	-18.26	184.96	-13.92	6.36e-04	1670.52	-1.136e+04
		-1.136e+04	0.0	0.17	0.0	60.0	-18.26	94.40	-13.92	6.36e-04	835.26	-2962.12
						120.0	-18.26	3.84	-13.92	6.36e-04	0.0	0.0
134	50	0.0	0.0	0.02	-181.12	0.0	19.97	177.28	4.50	6.36e-04	-540.58	-1.041e+04
		-1.041e+04	-540.58	-0.15	0.0	60.0	19.97	86.72	4.50	6.36e-04	-270.29	-2486.37
						120.0	19.97	-3.84	4.50	6.36e-04	0.0	0.0
134	51	0.0	540.58	0.19	-181.12	0.0	-19.97	184.96	-4.50	6.36e-04	540.58	-1.133e+04
		-1.133e+04	0.0	0.15	0.0	60.0	-19.97	94.40	-4.50	6.36e-04	270.29	-2947.27
						120.0	-19.97	3.84	-4.50	6.36e-04	0.0	0.0
134	53	0.0	0.0	0.06	-181.12	0.0	1.09	180.65	26.44	6.36e-04	-3173.17	-1.071e+04
		-1.071e+04	-3173.17	-0.12	0.0	60.0	1.09	90.09	26.44	6.36e-04	-1586.58	-2638.70
						120.0	1.09	-0.47	26.44	6.36e-04	0.0	0.0
134	56	0.0	3173.17	0.15	-181.12	0.0	-1.09	181.59	-26.44	6.36e-04	3173.17	-1.102e+04
		-1.102e+04	0.0	0.12	0.0	60.0	-1.09	91.03	-26.44	6.36e-04	1586.58	-2794.94
						120.0	-1.09	0.47	-26.44	6.36e-04	0.0	0.0
134	69	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	4.82e-04	0.0	-8236.02
		-8236.02	0.0	-1.38e-03	0.0	60.0	0.0	68.63	0.0	4.82e-04	0.0	-2059.00
						120.0	0.0	-1.06e-06	0.0	4.82e-04	0.0	0.0
134	70	0.0	0.0	0.10	-283.45	0.0	0.0	283.45	0.0	9.95e-04	0.0	-1.701e+04
		-1.701e+04	0.0	-1.52e-03	0.0	60.0	0.0	141.72	0.0	9.95e-04	0.0	-4251.73
						120.0	0.0	3.69e-06	0.0	9.95e-04	0.0	0.0
134	71	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	4.82e-04	0.0	-8236.02
		-8236.02	0.0	-1.38e-03	0.0	60.0	0.0	68.63	0.0	4.82e-04	0.0	-2059.00
						120.0	0.0	-1.06e-06	0.0	4.82e-04	0.0	0.0
134	72	0.0	0.0	0.10	-210.36	0.0	0.0	210.36	0.0	7.38e-04	0.0	-1.262e+04
		-1.262e+04	0.0	-1.45e-03	0.0	60.0	0.0	105.18	0.0	7.38e-04	0.0	-3155.37
						120.0	0.0	1.31e-06	0.0	7.38e-04	0.0	0.0
134	73	0.0	0.0	0.11	-137.27	0.0	0.0	137.27	0.0	4.82e-04	0.0	-8236.02
		-8236.02	0.0	-1.38e-03	0.0	60.0	0.0	68.63	0.0	4.82e-04	0.0	-2059.00
						120.0	0.0	-1.06e-06	0.0	4.82e-04	0.0	0.0
134	74	0.0	0.0	0.11	-181.12	0.0	0.0	181.12	0.0	6.36e-04	0.0	-1.087e+04
		-1.087e+04	0.0	-1.42e-03	0.0	60.0	0.0	90.56	0.0	6.36e-04	0.0	-2716.82
						120.0	0.0	0.0	0.0	6.36e-04	0.0	0.0
135	1	0.0	0.0	0.13	-178.45	0.0	0.0	178.45	0.0	5.48e-03	0.0	-1.071e+04
		-1.071e+04	0.0	-8.03e-04	0.0	60.0	0.0	89.22	0.0	5.48e-03	0.0	-2676.70
						120.0	0.0	-1.39e-06	0.0	5.48e-03	0.0	0.0
135	2	0.0	0.0	0.11	-397.72	0.0	0.0	397.72	0.0	0.01	0.0	-2.386e+04
		-2.386e+04	0.0	-7.81e-04	0.0	60.0	0.0	198.86	0.0	0.01	0.0	-5965.79
						120.0	0.0	5.74e-06	0.0	0.01	0.0	0.0
135	4	0.0	0.0	0.08	-356.54	0.0	0.0	356.54	0.0	0.01	0.0	-2.139e+04
		-2.139e+04	0.0	-5.96e-04	0.0	60.0	0.0	178.27	0.0	0.01	0.0	-5348.09
						120.0	0.0	6.06e-06	0.0	0.01	0.0	0.0
135	13	0.0	0.0	-0.05	-181.12	0.0	30.59	188.08	19.70	5.56e-03	-2363.62	-1.170e+04
		-1.170e+04	-2363.62	-0.19	0.0	60.0	30.59	97.52	19.70	5.56e-03	-1181.81	-3134.33
						120.0	30.59	6.96	19.70	5.56e-03	0.0	0.0
135	14	0.0	565.62	-0.02	-181.12	0.0	34.15	187.16	-4.71	5.56e-03	565.62	-1.159e+04
		-1.159e+04	0.0	-0.10	0.0	60.0	34.15	96.60	-4.71	5.56e-03	282.81	-3079.11
						120.0	34.15	6.04	-4.71	5.56e-03	0.0	0.0
135	15	2.84	0.0	0.22	-181.12	0.0	-34.15	175.08	4.71	5.56e-03	-565.62	-1.014e+04
		-1.014e+04	-565.62	0.10	0.0	60.0	-34.15	84.52	4.71	5.56e-03	-282.81	-2354.53
						120.0	-34.15	-6.04	4.71	5.56e-03	0.0	0.0
135	16	9.74	2363.62	0.25	-181.12	0.0	-30.59	174.16	-19.70	5.56e-03	2363.62	-1.003e+04
		-1.003e+04	0.0	0.19	0.0	60.0	-30.59	83.60	-19.70	5.56e-03	1181.81	-2299.31
						120.0	-30.59	-6.96	-19.70	5.56e-03	0.0	0.0
135	25	0.0	0.0	0.01	-181.12	0.0	3.76	184.61	42.93	5.56e-03	-5151.77	-1.129e+04
		-1.129e+04	-5151.77	-0.18	0.0	60.0	3.76	94.04	42.93	5.56e-03	-2575.89	-2925.82
						120.0	3.76	3.48	42.93	5.56e-03	0.0	0.0
135	28	0.0	5151.77	0.18	-181.12	0.0	-3.76	177.64	-42.93	5.56e-03	5151.77	-1.045e+04
		-1.045e+04	0.0	0.18	0.0	60.0	-3.76	87.08	-42.93	5.56e-03	2575.89	-2507.82
						120.0	-3.76	-3.48	-42.93	5.56e-03	0.0	0.0
135	45	0.0	0.0	0.01	-181.12	0.0	17.67	185.13	11.35	5.56e-03	-1362.15	-1.135e+04
		-1.135e+04	-1362.15	-0.11	0.0	60.0	17.67	94.57	11.35	5.56e-03	-681.08	-2957.15

					120.0	17.67	4.01	11.35	5.56e-03	0.0	0.0
135	46	0.0	324.28	0.03	-181.12	0.0	19.67	184.61	-2.70	5.56e-03	324.28 -1.129e+04
		-1.129e+04	0.0	-0.06	0.0	60.0	19.67	94.05	-2.70	5.56e-03	162.14 -2926.38
						120.0	19.67	3.49	-2.70	5.56e-03	0.0 0.0
135	47	0.0	0.0	0.17	-181.12	0.0	-19.67	177.63	2.70	5.56e-03	-324.28 -1.045e+04
		-1.045e+04	-324.28	0.06	0.0	60.0	-19.67	87.07	2.70	5.56e-03	-162.14 -2507.27
						120.0	-19.67	-3.49	2.70	5.56e-03	0.0 0.0
135	57	0.0	0.0	0.05	-181.12	0.0	2.26	183.10	24.72	5.56e-03	-2966.40 -1.110e+04
		-1.110e+04	-2966.40	-0.11	0.0	60.0	2.26	92.54	24.72	5.56e-03	-1483.20 -2835.59
						120.0	2.26	1.98	24.72	5.56e-03	0.0 0.0
135	60	0.0	2966.40	0.15	-181.12	0.0	-2.26	179.14	-24.72	5.56e-03	2966.40 -1.063e+04
		-1.063e+04	0.0	0.11	0.0	60.0	-2.26	88.58	-24.72	5.56e-03	1483.20 -2598.06
						120.0	-2.26	-1.98	-24.72	5.56e-03	0.0 0.0
135	69	0.0	0.0	0.10	-137.27	0.0	0.0	137.27	0.0	4.21e-03	0.0 -8236.02
		-8236.02	0.0	-6.17e-04	0.0	60.0	0.0	68.63	0.0	4.21e-03	0.0 -2059.00
						120.0	0.0	-1.07e-06	0.0	4.21e-03	0.0 0.0
135	70	0.0	0.0	0.09	-283.45	0.0	0.0	283.45	0.0	8.70e-03	0.0 -1.701e+04
		-1.701e+04	0.0	-6.03e-04	0.0	60.0	0.0	141.72	0.0	8.70e-03	0.0 -4251.73
						120.0	0.0	3.68e-06	0.0	8.70e-03	0.0 0.0
135	71	0.0	0.0	0.10	-137.27	0.0	0.0	137.27	0.0	4.21e-03	0.0 -8236.02
		-8236.02	0.0	-6.17e-04	0.0	60.0	0.0	68.63	0.0	4.21e-03	0.0 -2059.00
						120.0	0.0	-1.07e-06	0.0	4.21e-03	0.0 0.0
135	72	0.0	0.0	0.10	-210.36	0.0	0.0	210.36	0.0	6.46e-03	0.0 -1.262e+04
		-1.262e+04	0.0	-6.10e-04	0.0	60.0	0.0	105.18	0.0	6.46e-03	0.0 -3155.37
						120.0	0.0	1.31e-06	0.0	6.46e-03	0.0 0.0
135	73	0.0	0.0	0.10	-137.27	0.0	0.0	137.27	0.0	4.21e-03	0.0 -8236.02
		-8236.02	0.0	-6.17e-04	0.0	60.0	0.0	68.63	0.0	4.21e-03	0.0 -2059.00
						120.0	0.0	-1.07e-06	0.0	4.21e-03	0.0 0.0
135	74	0.0	0.0	0.10	-181.12	0.0	0.0	181.12	0.0	5.56e-03	0.0 -1.087e+04
		-1.087e+04	0.0	-6.13e-04	0.0	60.0	0.0	90.56	0.0	5.56e-03	0.0 -2716.82
						120.0	0.0	0.0	0.0	5.56e-03	0.0 0.0
136	1	0.0	0.0	0.11	-178.45	0.0	0.0	178.45	0.0	-1.57e-03	0.0 -1.071e+04
		-1.071e+04	0.0	-1.93e-04	0.0	60.0	0.0	89.22	0.0	-1.57e-03	0.0 -2676.70
						120.0	0.0	-1.39e-06	0.0	-1.57e-03	0.0 0.0
136	2	0.0	0.0	0.08	-397.72	0.0	0.0	397.72	0.0	-3.49e-03	0.0 -2.386e+04
		-2.386e+04	0.0	-4.94e-05	0.0	60.0	0.0	198.86	0.0	-3.49e-03	0.0 -5965.79
						120.0	0.0	5.73e-06	0.0	-3.49e-03	0.0 0.0
136	4	0.0	0.0	0.05	-356.54	0.0	0.0	356.54	0.0	-3.13e-03	0.0 -2.139e+04
		-2.139e+04	0.0	-4.84e-06	0.0	60.0	0.0	178.27	0.0	-3.13e-03	0.0 -5348.09
						120.0	0.0	6.05e-06	0.0	-3.13e-03	0.0 0.0
136	14	0.0	255.59	-0.03	-181.12	0.0	32.45	187.92	-2.13	-1.59e-03	255.59 -1.168e+04
		-1.168e+04	0.0	-0.13	0.0	60.0	32.45	97.36	-2.13	-1.59e-03	127.80 -3124.72
						120.0	32.45	6.80	-2.13	-1.59e-03	0.0 0.0
136	15	8.54	0.0	0.19	-181.12	0.0	-32.45	174.32	2.13	-1.59e-03	-255.59 -1.005e+04
		-1.005e+04	-255.59	0.13	0.0	60.0	-32.45	83.76	2.13	-1.59e-03	-127.80 -2308.92
						120.0	-32.45	-6.80	2.13	-1.59e-03	0.0 0.0
136	25	0.0	0.0	8.51e-03	-181.12	0.0	3.20	181.08	42.09	-1.59e-03	-5051.20 -1.086e+04
		-1.086e+04	-5051.20	-0.31	0.0	60.0	3.20	90.52	42.09	-1.59e-03	-2525.60 -2714.28
						120.0	3.20	-0.04	42.09	-1.59e-03	0.0 0.0
136	28	0.0	5051.20	0.15	-181.12	0.0	-3.20	181.16	-42.09	-1.59e-03	5051.20 -1.087e+04
		-1.087e+04	0.0	0.31	0.0	60.0	-3.20	90.60	-42.09	-1.59e-03	2525.60 -2719.37
						120.0	-3.20	0.04	-42.09	-1.59e-03	0.0 0.0
136	46	0.0	144.31	0.01	-181.12	0.0	18.69	185.04	-1.20	-1.59e-03	144.31 -1.134e+04
		-1.134e+04	0.0	-0.07	0.0	60.0	18.69	94.47	-1.20	-1.59e-03	72.15 -2951.62
						120.0	18.69	3.91	-1.20	-1.59e-03	0.0 0.0
136	47	0.0	0.0	0.15	-181.12	0.0	-18.69	177.21	1.20	-1.59e-03	-144.31 -1.040e+04
		-1.040e+04	-144.31	0.07	0.0	60.0	-18.69	86.65	1.20	-1.59e-03	-72.15 -2482.02
						120.0	-18.69	-3.91	1.20	-1.59e-03	0.0 0.0
136	57	0.0	0.0	0.04	-181.12	0.0	1.93	181.13	24.21	-1.59e-03	-2904.99 -1.087e+04
		-1.087e+04	-2904.99	-0.18	0.0	60.0	1.93	90.57	24.21	-1.59e-03	-1452.49 -2717.16
						120.0	1.93	5.64e-03	24.21	-1.59e-03	0.0 0.0
136	60	0.0	2904.99	0.12	-181.12	0.0	-1.93	181.12	-24.21	-1.59e-03	2904.99 -1.087e+04
		-1.087e+04	0.0	0.18	0.0	60.0	-1.93	90.56	-24.21	-1.59e-03	1452.49 -2716.48
						120.0	-1.93	-5.64e-03	-24.21	-1.59e-03	0.0 0.0
136	64	0.0	926.10	0.11	-181.12	0.0	-0.47	179.55	-7.72	-1.59e-03	926.10 -1.087e+04
		-1.087e+04	0.0	0.08	0.0	60.0	-0.47	88.99	-7.72	-1.59e-03	463.05 -2719.42
						120.0	-0.47	-1.58	-7.72	-1.59e-03	0.0 0.0
136	69	0.0	0.0	0.09	-137.27	0.0	0.0	137.27	0.0	-1.20e-03	0.0 -8236.02
		-8236.02	0.0	-1.48e-04	0.0	60.0	0.0	68.63	0.0	-1.20e-03	0.0 -2059.00
						120.0	0.0	-1.07e-06	0.0	-1.20e-03	0.0 0.0
136	70	0.0	0.0	0.07	-283.45	0.0	0.0	283.45	0.0	-2.49e-03	0.0 -1.701e+04
		-1.701e+04	0.0	-5.27e-05	0.0	60.0	0.0	141.72	0.0	-2.49e-03	0.0 -4251.73
						120.0	0.0	3.68e-06	0.0	-2.49e-03	0.0 0.0
136	71	0.0	0.0	0.09	-137.27	0.0	0.0	137.27	0.0	-1.20e-03	0.0 -8236.02
		-8236.02	0.0	-1.48e-04	0.0	60.0	0.0	68.63	0.0	-1.20e-03	0.0 -2059.00
						120.0	0.0	-1.07e-06	0.0	-1.20e-03	0.0 0.0
136	72	0.0	0.0	0.08	-210.36	0.0	0.0	210.36	0.0	-1.85e-03	0.0 -1.262e+04

		-1.262e+04	0.0	-1.01e-04	0.0	60.0	0.0	105.18	0.0	-1.85e-03	0.0	-3155.37
						120.0	0.0	1.30e-06	0.0	-1.85e-03	0.0	0.0
136	73	0.0	0.0	0.09	-137.27	0.0	0.0	137.27	0.0	-1.20e-03	0.0	-8236.02
		-8236.02	0.0	-1.48e-04	0.0	60.0	0.0	68.63	0.0	-1.20e-03	0.0	-2059.00
						120.0	0.0	-1.07e-06	0.0	-1.20e-03	0.0	0.0
136	74	0.0	0.0	0.08	-181.12	0.0	0.0	181.12	0.0	-1.59e-03	0.0	-1.087e+04
		-1.087e+04	0.0	-1.20e-04	0.0	60.0	0.0	90.56	0.0	-1.59e-03	0.0	-2716.82
						120.0	0.0	0.0	0.0	-1.59e-03	0.0	0.0
137	1	0.0	0.0	0.09	-178.45	0.0	0.0	178.45	0.0	6.26e-03	0.0	-1.071e+04
		-1.071e+04	0.0	1.61e-04	0.0	60.0	0.0	89.22	0.0	6.26e-03	0.0	-2676.70
						120.0	0.0	-1.40e-06	0.0	6.26e-03	0.0	0.0
137	2	0.0	0.0	0.06	-397.72	0.0	0.0	397.72	0.0	0.01	0.0	-2.386e+04
		-2.386e+04	0.0	3.74e-04	0.0	60.0	0.0	198.86	0.0	0.01	0.0	-5965.79
						120.0	0.0	5.73e-06	0.0	0.01	0.0	0.0
137	3	0.0	0.0	0.07	-137.27	0.0	0.0	137.27	0.0	4.82e-03	0.0	-8236.02
		-8236.02	0.0	1.24e-04	0.0	60.0	0.0	68.63	0.0	4.82e-03	0.0	-2059.00
						120.0	0.0	-1.07e-06	0.0	4.82e-03	0.0	0.0
137	13	6.40	0.0	-0.06	-181.12	0.0	26.73	186.78	22.40	6.36e-03	-2688.04	-1.009e+04
		-1.009e+04	-2688.04	-0.33	0.0	60.0	26.73	96.22	22.40	6.36e-03	-1344.02	-2326.04
						120.0	26.73	5.66	22.40	6.36e-03	0.0	0.0
137	14	0.0	46.80	-0.04	-181.12	0.0	29.76	187.63	-0.39	6.36e-03	46.80	-1.019e+04
		-1.019e+04	0.0	-0.14	0.0	60.0	29.76	97.07	-0.39	6.36e-03	23.40	-2377.42
						120.0	29.76	6.51	-0.39	6.36e-03	0.0	0.0
137	15	0.0	0.0	0.17	-181.12	0.0	-29.76	174.61	0.39	6.36e-03	-46.80	-1.155e+04
		-1.155e+04	-46.80	0.14	0.0	60.0	-29.76	84.05	0.39	6.36e-03	-23.40	-3056.22
						120.0	-29.76	-6.51	0.39	6.36e-03	0.0	0.0
137	16	0.0	2688.04	0.19	-181.12	0.0	-26.73	175.46	-22.40	6.36e-03	2688.04	-1.165e+04
		-1.165e+04	0.0	0.33	0.0	60.0	-26.73	84.90	-22.40	6.36e-03	1344.02	-3107.60
						120.0	-26.73	-5.66	-22.40	6.36e-03	0.0	0.0
137	25	0.0	0.0	6.09e-03	-181.12	0.0	3.42	181.52	41.29	6.36e-03	-4954.26	-1.048e+04
		-1.048e+04	-4954.26	-0.39	0.0	60.0	3.42	90.96	41.29	6.36e-03	-2477.13	-2521.66
						120.0	3.42	0.40	41.29	6.36e-03	0.0	0.0
137	28	0.0	4954.26	0.13	-181.12	0.0	-3.42	180.72	-41.29	6.36e-03	4954.26	-1.126e+04
		-1.126e+04	0.0	0.39	0.0	60.0	-3.42	90.16	-41.29	6.36e-03	2477.13	-2911.98
						120.0	-3.42	-0.40	-41.29	6.36e-03	0.0	0.0
137	46	0.0	23.10	6.49e-03	-181.12	0.0	17.15	184.87	-0.19	6.36e-03	23.10	-1.047e+04
		-1.047e+04	0.0	-0.08	0.0	60.0	17.15	94.31	-0.19	6.36e-03	11.55	-2520.52
						120.0	17.15	3.75	-0.19	6.36e-03	0.0	0.0
137	47	0.0	0.0	0.13	-181.12	0.0	-17.15	177.37	0.19	6.36e-03	-23.10	-1.126e+04
		-1.126e+04	-23.10	0.08	0.0	60.0	-17.15	86.81	0.19	6.36e-03	-11.55	-2913.12
						120.0	-17.15	-3.75	0.19	6.36e-03	0.0	0.0
137	48	0.0	1547.69	0.14	-181.12	0.0	-15.44	177.85	-12.90	6.36e-03	1547.69	-1.132e+04
		-1.132e+04	0.0	0.19	0.0	60.0	-15.44	87.29	-12.90	6.36e-03	773.84	-2941.78
						120.0	-15.44	-3.27	-12.90	6.36e-03	0.0	0.0
137	50	0.0	0.0	6.24e-03	-181.12	0.0	16.98	184.82	4.42	6.36e-03	-530.03	-1.047e+04
		-1.047e+04	-530.03	-0.11	0.0	60.0	16.98	94.26	4.42	6.36e-03	-265.01	-2517.42
						120.0	16.98	3.70	4.42	6.36e-03	0.0	0.0
137	57	0.0	0.0	0.03	-181.12	0.0	2.03	181.38	23.72	6.36e-03	-2846.68	-1.065e+04
		-1.065e+04	-2846.68	-0.22	0.0	60.0	2.03	90.82	23.72	6.36e-03	-1423.34	-2605.88
						120.0	2.03	0.26	23.72	6.36e-03	0.0	0.0
137	60	0.0	2846.68	0.10	-181.12	0.0	-2.03	180.86	-23.72	6.36e-03	2846.68	-1.109e+04
		-1.109e+04	0.0	0.22	0.0	60.0	-2.03	90.30	-23.72	6.36e-03	1423.34	-2827.77
						120.0	-2.03	-0.26	-23.72	6.36e-03	0.0	0.0
137	69	0.0	0.0	0.07	-137.27	0.0	0.0	137.27	0.0	4.82e-03	0.0	-8236.02
		-8236.02	0.0	1.24e-04	0.0	60.0	0.0	68.63	0.0	4.82e-03	0.0	-2059.00
						120.0	0.0	-1.07e-06	0.0	4.82e-03	0.0	0.0
137	70	0.0	0.0	0.05	-283.45	0.0	0.0	283.45	0.0	9.95e-03	0.0	-1.701e+04
		-1.701e+04	0.0	2.66e-04	0.0	60.0	0.0	141.72	0.0	9.95e-03	0.0	-4251.73
						120.0	0.0	3.67e-06	0.0	9.95e-03	0.0	0.0
137	71	0.0	0.0	0.07	-137.27	0.0	0.0	137.27	0.0	4.82e-03	0.0	-8236.02
		-8236.02	0.0	1.24e-04	0.0	60.0	0.0	68.63	0.0	4.82e-03	0.0	-2059.00
						120.0	0.0	-1.07e-06	0.0	4.82e-03	0.0	0.0
137	72	0.0	0.0	0.06	-210.36	0.0	0.0	210.36	0.0	7.38e-03	0.0	-1.262e+04
		-1.262e+04	0.0	1.95e-04	0.0	60.0	0.0	105.18	0.0	7.38e-03	0.0	-3155.37
						120.0	0.0	1.30e-06	0.0	7.38e-03	0.0	0.0
137	73	0.0	0.0	0.07	-137.27	0.0	0.0	137.27	0.0	4.82e-03	0.0	-8236.02
		-8236.02	0.0	1.24e-04	0.0	60.0	0.0	68.63	0.0	4.82e-03	0.0	-2059.00
						120.0	0.0	-1.07e-06	0.0	4.82e-03	0.0	0.0
137	74	0.0	0.0	0.06	-181.12	0.0	0.0	181.12	0.0	6.36e-03	0.0	-1.087e+04
		-1.087e+04	0.0	1.67e-04	0.0	60.0	0.0	90.56	0.0	6.36e-03	0.0	-2716.82
						120.0	0.0	0.0	0.0	6.36e-03	0.0	0.0
138	1	0.0	0.0	0.08	-178.45	0.0	0.0	178.45	0.0	-7.83e-04	0.0	-1.071e+04
		-1.071e+04	0.0	2.60e-04	0.0	60.0	0.0	89.22	0.0	-7.83e-04	0.0	-2676.70
						120.0	0.0	-1.40e-06	0.0	-7.83e-04	0.0	0.0
138	2	0.0	0.0	0.04	-397.72	0.0	0.0	397.72	0.0	-1.74e-03	0.0	-2.386e+04
		-2.386e+04	0.0	4.89e-04	0.0	60.0	0.0	198.86	0.0	-1.74e-03	0.0	-5965.79
						120.0	0.0	5.72e-06	0.0	-1.74e-03	0.0	0.0

138	4	0.0	0.0	0.02	-356.54	0.0	0.0	356.54	0.0	-1.56e-03	0.0	-2.139e+04
		-2.139e+04	0.0	4.29e-04	0.0	60.0	0.0	178.27	0.0	-1.56e-03	0.0	-5348.09
						120.0	0.0	6.04e-06	0.0	-1.56e-03	0.0	0.0
138	13	5.84	0.0	-0.06	-181.12	0.0	25.28	174.68	22.36	-7.94e-04	-2683.34	-1.009e+04
		-1.009e+04	-2683.34	-0.33	0.0	60.0	25.28	84.12	22.36	-7.94e-04	-1341.67	-2330.48
						120.0	25.28	-6.44	22.36	-7.94e-04	0.0	0.0
138	14	1.91	0.0	-0.05	-181.12	0.0	27.42	175.21	0.14	-7.94e-04	-16.88	-1.016e+04
		-1.016e+04	-16.88	-0.14	0.0	60.0	27.42	84.65	0.14	-7.94e-04	-8.44	-2361.92
						120.0	27.42	-5.91	0.14	-7.94e-04	0.0	0.0
138	15	0.0	16.88	0.15	-181.12	0.0	-27.42	187.04	-0.14	-7.94e-04	16.88	-1.158e+04
		-1.158e+04	0.0	0.14	0.0	60.0	-27.42	96.48	-0.14	-7.94e-04	8.44	-3071.72
						120.0	-27.42	5.91	-0.14	-7.94e-04	0.0	0.0
138	16	0.0	2683.34	0.16	-181.12	0.0	-25.28	187.56	-22.36	-7.94e-04	2683.34	-1.164e+04
		-1.164e+04	0.0	0.33	0.0	60.0	-25.28	97.00	-22.36	-7.94e-04	1341.67	-3103.16
						120.0	-25.28	6.44	-22.36	-7.94e-04	0.0	0.0
138	25	0.0	0.0	5.36e-03	-181.12	0.0	4.34	178.40	40.41	-7.94e-04	-4849.14	-1.054e+04
		-1.054e+04	-4849.14	-0.39	0.0	60.0	4.34	87.83	40.41	-7.94e-04	-2424.57	-2553.24
						120.0	4.34	-2.73	40.41	-7.94e-04	0.0	0.0
138	28	0.0	4849.14	0.10	-181.12	0.0	-4.34	183.85	-40.41	-7.94e-04	4849.14	-1.119e+04
		-1.119e+04	0.0	0.39	0.0	60.0	-4.34	93.29	-40.41	-7.94e-04	2424.57	-2880.41
						120.0	-4.34	2.73	-40.41	-7.94e-04	0.0	0.0
138	46	0.0	0.0	-5.58e-03	-181.12	0.0	15.81	177.70	0.11	-7.94e-04	-13.77	-1.046e+04
		-1.046e+04	-13.77	-0.09	0.0	60.0	15.81	87.14	0.11	-7.94e-04	-6.89	-2511.67
						120.0	15.81	-3.42	0.11	-7.94e-04	0.0	0.0
138	47	0.0	13.77	0.11	-181.12	0.0	-15.81	184.54	-0.11	-7.94e-04	13.77	-1.128e+04
		-1.128e+04	0.0	0.09	0.0	60.0	-15.81	93.98	-0.11	-7.94e-04	6.89	-2921.97
						120.0	-15.81	3.42	-0.11	-7.94e-04	0.0	0.0
138	48	0.0	1544.83	0.12	-181.12	0.0	-14.59	184.83	-12.87	-7.94e-04	1544.83	-1.131e+04
		-1.131e+04	0.0	0.19	0.0	60.0	-14.59	94.27	-12.87	-7.94e-04	772.41	-2939.25
						120.0	-14.59	3.71	-12.87	-7.94e-04	0.0	0.0
138	57	0.0	0.0	0.02	-181.12	0.0	2.52	179.57	23.21	-7.94e-04	-2785.54	-1.068e+04
		-1.068e+04	-2785.54	-0.21	0.0	60.0	2.52	89.01	23.21	-7.94e-04	-1392.77	-2623.89
						120.0	2.52	-1.55	23.21	-7.94e-04	0.0	0.0
138	58	0.0	2317.96	0.04	-181.12	0.0	6.60	180.53	-19.32	-7.94e-04	2317.96	-1.080e+04
		-1.080e+04	0.0	0.13	0.0	60.0	6.60	89.97	-19.32	-7.94e-04	1158.98	-2681.47
						120.0	6.60	-0.59	-19.32	-7.94e-04	0.0	0.0
138	60	0.0	2785.54	0.08	-181.12	0.0	-2.52	182.67	-23.21	-7.94e-04	2785.54	-1.105e+04
		-1.105e+04	0.0	0.21	0.0	60.0	-2.52	92.11	-23.21	-7.94e-04	1392.77	-2809.75
						120.0	-2.52	1.55	-23.21	-7.94e-04	0.0	0.0
138	69	0.0	0.0	0.06	-137.27	0.0	0.0	137.27	0.0	-6.02e-04	0.0	-8236.02
		-8236.02	0.0	2.00e-04	0.0	60.0	0.0	68.63	0.0	-6.02e-04	0.0	-2059.00
						120.0	0.0	-1.08e-06	0.0	-6.02e-04	0.0	0.0
138	70	0.0	0.0	0.03	-283.45	0.0	0.0	283.45	0.0	-1.24e-03	0.0	-1.701e+04
		-1.701e+04	0.0	3.53e-04	0.0	60.0	0.0	141.72	0.0	-1.24e-03	0.0	-4251.73
						120.0	0.0	3.67e-06	0.0	-1.24e-03	0.0	0.0
138	71	0.0	0.0	0.06	-137.27	0.0	0.0	137.27	0.0	-6.02e-04	0.0	-8236.02
		-8236.02	0.0	2.00e-04	0.0	60.0	0.0	68.63	0.0	-6.02e-04	0.0	-2059.00
						120.0	0.0	-1.08e-06	0.0	-6.02e-04	0.0	0.0
138	72	0.0	0.0	0.05	-210.36	0.0	0.0	210.36	0.0	-9.23e-04	0.0	-1.262e+04
		-1.262e+04	0.0	2.76e-04	0.0	60.0	0.0	105.18	0.0	-9.23e-04	0.0	-3155.37
						120.0	0.0	1.30e-06	0.0	-9.23e-04	0.0	0.0
138	73	0.0	0.0	0.06	-137.27	0.0	0.0	137.27	0.0	-6.02e-04	0.0	-8236.02
		-8236.02	0.0	2.00e-04	0.0	60.0	0.0	68.63	0.0	-6.02e-04	0.0	-2059.00
						120.0	0.0	-1.08e-06	0.0	-6.02e-04	0.0	0.0
138	74	0.0	0.0	0.05	-181.12	0.0	0.0	181.12	0.0	-7.94e-04	0.0	-1.087e+04
		-1.087e+04	0.0	2.46e-04	0.0	60.0	0.0	90.56	0.0	-7.94e-04	0.0	-2716.82
						120.0	0.0	0.0	0.0	-7.94e-04	0.0	0.0
139	1	0.0	0.0	0.06	-178.45	0.0	0.0	178.45	0.0	7.04e-03	0.0	-1.071e+04
		-1.071e+04	0.0	1.03e-04	0.0	60.0	0.0	89.22	0.0	7.04e-03	0.0	-2676.70
						120.0	0.0	-1.41e-06	0.0	7.04e-03	0.0	0.0
139	2	0.0	0.0	0.03	-397.72	0.0	0.0	397.72	0.0	0.02	0.0	-2.386e+04
		-2.386e+04	0.0	2.97e-04	0.0	60.0	0.0	198.86	0.0	0.02	0.0	-5965.79
						120.0	0.0	5.72e-06	0.0	0.02	0.0	0.0
139	4	0.0	0.0	0.02	-356.54	0.0	0.0	356.54	0.0	0.01	0.0	-2.139e+04
		-2.139e+04	0.0	2.73e-04	0.0	60.0	0.0	178.27	0.0	0.01	0.0	-5348.09
						120.0	0.0	6.04e-06	0.0	0.01	0.0	0.0
139	14	4.12	149.70	-0.05	-181.12	0.0	26.49	187.85	-1.25	7.15e-03	149.70	-1.012e+04
		-1.012e+04	0.0	-0.13	0.0	60.0	26.49	97.29	-1.25	7.15e-03	74.85	-2344.24
						120.0	26.49	6.73	-1.25	7.15e-03	0.0	0.0
139	15	0.0	0.0	0.14	-181.12	0.0	-26.49	174.39	1.25	7.15e-03	-149.70	-1.161e+04
		-1.161e+04	-149.70	0.13	0.0	60.0	-26.49	83.83	1.25	7.15e-03	-74.85	-3089.40
						120.0	-26.49	-6.73	1.25	7.15e-03	0.0	0.0
139	17	8.10	0.0	-0.06	-181.12	0.0	25.45	187.86	12.85	7.15e-03	-1542.57	-1.006e+04
		-1.006e+04	-1542.57	-0.24	0.0	60.0	25.45	97.30	12.85	7.15e-03	-771.28	-2312.43
						120.0	25.45	6.74	12.85	7.15e-03	0.0	0.0
139	20	0.0	1542.57	0.14	-181.12	0.0	-25.45	174.38	-12.85	7.15e-03	1542.57	-1.168e+04
		-1.168e+04	0.0	0.24	0.0	60.0	-25.45	83.82	-12.85	7.15e-03	771.28	-3121.21

						120.0	-25.45	-6.74	-12.85	7.15e-03	0.0	0.0
139	25	0.0	0.0	5.82e-03	-181.12	0.0	5.74	182.20	39.27	7.15e-03	-4712.28	-1.053e+04
		-1.053e+04	-4712.28	-0.30	0.0	60.0	5.74	91.64	39.27	7.15e-03	-2356.14	-2548.47
						120.0	5.74	1.08	39.27	7.15e-03	0.0	0.0
139	28	0.0	4712.28	0.08	-181.12	0.0	-5.74	180.05	-39.27	7.15e-03	4712.28	-1.120e+04
		-1.120e+04	0.0	0.30	0.0	60.0	-5.74	89.49	-39.27	7.15e-03	2356.14	-2885.17
						120.0	-5.74	-1.08	-39.27	7.15e-03	0.0	0.0
139	37	0.0	0.0	0.01	-181.12	0.0	4.78	182.95	10.74	7.15e-03	-1288.31	-1.061e+04
		-1.061e+04	-1288.31	-0.10	0.0	60.0	4.78	92.39	10.74	7.15e-03	-644.15	-2589.73
						120.0	4.78	1.83	10.74	7.15e-03	0.0	0.0
139	46	0.0	82.83	-0.01	-181.12	0.0	15.28	185.00	-0.69	7.15e-03	82.83	-1.044e+04
		-1.044e+04	0.0	-0.08	0.0	60.0	15.28	94.44	-0.69	7.15e-03	41.41	-2501.54
						120.0	15.28	3.88	-0.69	7.15e-03	0.0	0.0
139	47	0.0	0.0	0.10	-181.12	0.0	-15.28	177.25	0.69	7.15e-03	-82.83	-1.130e+04
		-1.130e+04	-82.83	0.08	0.0	60.0	-15.28	86.69	0.69	7.15e-03	-41.41	-2932.11
						120.0	-15.28	-3.88	0.69	7.15e-03	0.0	0.0
139	52	0.0	888.85	0.10	-181.12	0.0	-14.68	177.24	-7.41	7.15e-03	888.85	-1.133e+04
		-1.133e+04	0.0	0.14	0.0	60.0	-14.68	86.68	-7.41	7.15e-03	444.43	-2949.85
						120.0	-14.68	-3.88	-7.41	7.15e-03	0.0	0.0
139	57	0.0	0.0	0.02	-181.12	0.0	3.31	181.76	22.57	7.15e-03	-2708.25	-1.068e+04
		-1.068e+04	-2708.25	-0.17	0.0	60.0	3.31	91.20	22.57	7.15e-03	-1354.12	-2620.95
						120.0	3.31	0.64	22.57	7.15e-03	0.0	0.0
139	60	0.0	2708.25	0.07	-181.12	0.0	-3.31	180.48	-22.57	7.15e-03	2708.25	-1.106e+04
		-1.106e+04	0.0	0.17	0.0	60.0	-3.31	89.92	-22.57	7.15e-03	1354.12	-2812.69
						120.0	-3.31	-0.64	-22.57	7.15e-03	0.0	0.0
139	69	0.0	0.0	0.05	-137.27	0.0	0.0	137.27	0.0	5.42e-03	0.0	-8236.02
		-8236.02	0.0	7.91e-05	0.0	60.0	0.0	68.63	0.0	5.42e-03	0.0	-2059.00
						120.0	0.0	-1.08e-06	0.0	5.42e-03	0.0	0.0
139	70	0.0	0.0	0.03	-283.45	0.0	0.0	283.45	0.0	0.01	0.0	-1.701e+04
		-1.701e+04	0.0	2.08e-04	0.0	60.0	0.0	141.72	0.0	0.01	0.0	-4251.73
						120.0	0.0	3.67e-06	0.0	0.01	0.0	0.0
139	71	0.0	0.0	0.05	-137.27	0.0	0.0	137.27	0.0	5.42e-03	0.0	-8236.02
		-8236.02	0.0	7.91e-05	0.0	60.0	0.0	68.63	0.0	5.42e-03	0.0	-2059.00
						120.0	0.0	-1.08e-06	0.0	5.42e-03	0.0	0.0
139	72	0.0	0.0	0.04	-210.36	0.0	0.0	210.36	0.0	8.30e-03	0.0	-1.262e+04
		-1.262e+04	0.0	1.44e-04	0.0	60.0	0.0	105.18	0.0	8.30e-03	0.0	-3155.37
						120.0	0.0	1.29e-06	0.0	8.30e-03	0.0	0.0
139	73	0.0	0.0	0.05	-137.27	0.0	0.0	137.27	0.0	5.42e-03	0.0	-8236.02
		-8236.02	0.0	7.91e-05	0.0	60.0	0.0	68.63	0.0	5.42e-03	0.0	-2059.00
						120.0	0.0	-1.08e-06	0.0	5.42e-03	0.0	0.0
139	74	0.0	0.0	0.04	-181.12	0.0	0.0	181.12	0.0	7.15e-03	0.0	-1.087e+04
		-1.087e+04	0.0	1.18e-04	0.0	60.0	0.0	90.56	0.0	7.15e-03	0.0	-2716.82
						120.0	0.0	0.0	0.0	7.15e-03	0.0	0.0
140	1	0.0	0.0	0.06	-146.07	0.0	0.0	146.07	0.0	0.0	0.0	-9700.20
		-9700.20	0.0	-3.10e-04	0.0	60.0	0.0	84.74	0.0	0.0	0.0	-2659.07
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
140	2	-1.83e-04	0.0	0.03	-320.51	0.0	0.0	320.51	0.0	0.0	0.0	-2.146e+04
		-2.146e+04	0.0	-2.04e-04	0.0	60.0	0.0	188.16	0.0	0.0	0.0	-5923.73
						120.0	0.0	3.09e-06	0.0	0.0	0.0	-1.83e-04
140	3	0.0	0.0	0.04	-112.36	0.0	0.0	112.36	0.0	0.0	0.0	-7461.69
		-7461.69	0.0	-2.38e-04	0.0	60.0	0.0	65.18	0.0	0.0	0.0	-2045.44
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
140	13	5.30	0.0	-0.06	-147.25	0.0	23.86	140.47	15.27	0.0	-1832.77	-9001.21
		-9001.21	-1832.77	-0.14	0.0	60.0	23.86	79.09	15.27	0.0	-916.39	-2291.87
						120.0	23.86	-6.77	15.27	0.0	0.0	-3.66e-05
140	16	-3.66e-05	1832.77	0.13	-147.25	0.0	-23.86	154.02	-15.27	0.0	1832.77	-1.063e+04
		-1.063e+04	0.0	0.14	0.0	60.0	-23.86	92.64	-15.27	0.0	916.39	-3104.87
						120.0	-23.86	6.77	-15.27	0.0	0.0	-3.66e-05
140	18	-3.66e-05	0.0	-0.06	-147.25	0.0	24.58	141.66	3.23	0.0	-387.62	-9144.05
		-9144.05	-387.62	-0.12	0.0	60.0	24.58	80.28	3.23	0.0	-193.81	-2363.29
						120.0	24.58	-5.58	3.23	0.0	0.0	-3.66e-05
140	19	-3.66e-05	387.62	0.13	-147.25	0.0	-24.58	152.83	-3.23	0.0	387.62	-1.048e+04
		-1.048e+04	0.0	0.12	0.0	60.0	-24.58	91.45	-3.23	0.0	193.81	-3033.45
						120.0	-24.58	5.58	-3.23	0.0	0.0	-3.66e-05
140	25	-3.66e-05	0.0	8.33e-03	-147.25	0.0	6.34	143.33	32.92	0.0	-3950.41	-9344.23
		-9344.23	-3950.41	-0.12	0.0	60.0	6.34	81.95	32.92	0.0	-1975.20	-2463.38
						120.0	6.34	-3.92	32.92	0.0	0.0	-3.66e-05
140	28	-3.66e-05	3950.41	0.07	-147.25	0.0	-6.34	151.17	-32.92	0.0	3950.41	-1.028e+04
		-1.028e+04	0.0	0.12	0.0	60.0	-6.34	89.78	-32.92	0.0	1975.20	-2933.35
						120.0	-6.34	3.92	-32.92	0.0	0.0	-3.66e-05
140	38	-3.66e-05	291.00	0.02	-147.25	0.0	3.42	145.98	-2.42	0.0	291.00	-9661.47
		-9661.47	0.0	-0.01	0.0	60.0	3.42	84.59	-2.42	0.0	145.50	-2622.00
						120.0	3.42	-1.27	-2.42	0.0	0.0	-3.66e-05
140	48	-3.66e-05	1055.67	0.09	-147.25	0.0	-13.76	151.15	-8.80	0.0	1055.67	-1.028e+04
		-1.028e+04	0.0	0.08	0.0	60.0	-13.76	89.77	-8.80	0.0	527.83	-2932.52
						120.0	-13.76	3.90	-8.80	0.0	0.0	-3.66e-05
140	50	-3.66e-05	0.0	-0.02	-147.25	0.0	14.17	144.02	1.87	0.0	-224.75	-9427.17

		-9427.17	-224.75	-0.07	0.0	60.0	14.17	82.64	1.87	0.0	-112.37	-2504.85
						120.0	14.17	-3.23	1.87	0.0	0.0	-3.66e-05
140	51	-3.66e-05	224.75	0.09	-147.25	0.0	-14.17	150.47	-1.87	0.0	224.75	-1.020e+04
		-1.020e+04	0.0	0.07	0.0	60.0	-14.17	89.09	-1.87	0.0	112.37	-2891.89
						120.0	-14.17	3.23	-1.87	0.0	0.0	-3.66e-05
140	57	-3.66e-05	0.0	0.02	-147.25	0.0	3.66	145.01	18.94	0.0	-2272.57	-9545.38
		-9545.38	-2272.57	-0.07	0.0	60.0	3.66	83.63	18.94	0.0	-1136.28	-2563.95
						120.0	3.66	-2.24	18.94	0.0	0.0	-3.66e-05
140	60	-3.66e-05	2272.57	0.05	-147.25	0.0	-3.66	149.49	-18.94	0.0	2272.57	-1.008e+04
		-1.008e+04	0.0	0.07	0.0	60.0	-3.66	88.11	-18.94	0.0	1136.28	-2832.78
						120.0	-3.66	2.24	-18.94	0.0	0.0	-3.66e-05
140	69	0.0	0.0	0.04	-112.36	0.0	0.0	112.36	0.0	0.0	0.0	-7461.69
		-7461.69	0.0	-2.38e-04	0.0	60.0	0.0	65.18	0.0	0.0	0.0	-2045.44
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
140	70	-1.22e-04	0.0	0.03	-228.65	0.0	0.0	228.65	0.0	0.0	0.0	-1.530e+04
		-1.530e+04	0.0	-1.68e-04	0.0	60.0	0.0	134.13	0.0	0.0	0.0	-4221.88
						120.0	0.0	2.10e-06	0.0	0.0	0.0	-1.22e-04
140	71	0.0	0.0	0.04	-112.36	0.0	0.0	112.36	0.0	0.0	0.0	-7461.69
		-7461.69	0.0	-2.38e-04	0.0	60.0	0.0	65.18	0.0	0.0	0.0	-2045.44
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
140	72	-6.10e-05	0.0	0.03	-170.51	0.0	0.0	170.51	0.0	0.0	0.0	-1.138e+04
		-1.138e+04	0.0	-2.03e-04	0.0	60.0	0.0	99.65	0.0	0.0	0.0	-3133.66
						120.0	0.0	1.19e-06	0.0	0.0	0.0	-6.10e-05
140	73	0.0	0.0	0.04	-112.36	0.0	0.0	112.36	0.0	0.0	0.0	-7461.69
		-7461.69	0.0	-2.38e-04	0.0	60.0	0.0	65.18	0.0	0.0	0.0	-2045.44
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
140	74	-3.66e-05	0.0	0.04	-147.25	0.0	0.0	147.25	0.0	0.0	0.0	-9814.20
		-9814.20	0.0	-2.17e-04	0.0	60.0	0.0	85.87	0.0	0.0	0.0	-2698.37
						120.0	0.0	0.0	0.0	0.0	0.0	-3.66e-05
141	1	0.0	0.0	4.96e-03	-145.66	0.0	0.0	145.66	0.0	0.0	0.0	-9675.81
		-9675.81	0.0	-3.10e-04	0.0	60.0	0.0	84.53	0.0	0.0	0.0	-2652.95
						120.0	0.0	-1.87e-06	0.0	0.0	0.0	0.0
141	2	0.0	0.0	-0.04	-319.54	0.0	0.0	319.54	0.0	0.0	0.0	-2.140e+04
		-2.140e+04	0.0	-2.04e-04	0.0	60.0	0.0	187.67	0.0	0.0	0.0	-5909.15
						120.0	0.0	-4.62e-06	0.0	0.0	0.0	0.0
141	18	0.0	5376.42	0.02	-146.82	0.0	-4.99	143.16	-44.80	0.0	5376.42	-9950.76
		-9950.76	0.0	0.17	0.0	60.0	-4.99	81.99	-44.80	0.0	2688.21	-2773.01
						120.0	-4.99	-3.66	-44.80	0.0	0.0	0.0
141	19	0.0	0.0	-0.04	-146.82	0.0	4.99	150.49	44.80	0.0	-5376.42	-9626.62
		-9626.62	-5376.42	-0.17	0.0	60.0	4.99	89.31	44.80	0.0	-2688.21	-2610.94
						120.0	4.99	3.66	44.80	0.0	0.0	0.0
141	22	0.0	424.45	0.13	-146.82	0.0	-24.60	152.14	-3.54	0.0	424.45	-9258.78
		-9258.78	0.0	-0.10	0.0	60.0	-24.60	90.97	-3.54	0.0	212.22	-2427.02
						120.0	-24.60	5.31	-3.54	0.0	0.0	0.0
141	23	0.0	0.0	-0.15	-146.82	0.0	24.60	141.51	3.54	0.0	-424.45	-1.032e+04
		-1.032e+04	-424.45	0.10	0.0	60.0	24.60	80.34	3.54	0.0	-212.22	-2956.93
						120.0	24.60	-5.31	3.54	0.0	0.0	0.0
141	25	0.0	1309.87	-0.16	-146.82	0.0	22.89	141.21	-10.92	0.0	1309.87	-1.046e+04
		-1.046e+04	0.0	0.16	0.0	60.0	22.89	80.04	-10.92	0.0	654.94	-3029.00
						120.0	22.89	-5.62	-10.92	0.0	0.0	0.0
141	36	0.0	0.0	0.10	-146.82	0.0	-8.50	143.73	9.07	0.0	-1088.06	-9236.29
		-9236.29	-1088.06	-0.22	0.0	60.0	-8.50	82.55	9.07	0.0	-544.03	-2415.78
						120.0	-8.50	-3.10	9.07	0.0	0.0	0.0
141	50	0.0	3100.84	0.01	-146.82	0.0	-2.87	144.72	-25.84	0.0	3100.84	-9883.06
		-9883.06	0.0	0.10	0.0	60.0	-2.87	83.55	-25.84	0.0	1550.42	-2739.16
						120.0	-2.87	-2.11	-25.84	0.0	0.0	0.0
141	51	0.0	0.0	-0.03	-146.82	0.0	2.87	148.93	25.84	0.0	-3100.84	-9694.32
		-9694.32	-3100.84	-0.10	0.0	60.0	2.87	87.76	25.84	0.0	-1550.42	-2644.79
						120.0	2.87	2.11	25.84	0.0	0.0	0.0
141	54	0.0	244.52	0.07	-146.82	0.0	-14.13	149.86	-2.04	0.0	244.52	-9486.55
		-9486.55	0.0	-0.06	0.0	60.0	-14.13	88.69	-2.04	0.0	122.26	-2540.90
						120.0	-14.13	3.04	-2.04	0.0	0.0	0.0
141	55	0.0	0.0	-0.08	-146.82	0.0	14.13	143.79	2.04	0.0	-244.52	-1.009e+04
		-1.009e+04	-244.52	0.06	0.0	60.0	14.13	82.62	2.04	0.0	-122.26	-2843.04
						120.0	14.13	-3.04	2.04	0.0	0.0	0.0
141	57	0.0	755.79	-0.09	-146.82	0.0	13.14	143.61	-6.30	0.0	755.79	-1.017e+04
		-1.017e+04	0.0	0.09	0.0	60.0	13.14	82.44	-6.30	0.0	377.89	-2884.66
						120.0	13.14	-3.21	-6.30	0.0	0.0	0.0
141	68	0.0	0.0	0.05	-146.82	0.0	-4.88	145.06	5.23	0.0	-627.56	-9472.57
		-9472.57	-627.56	-0.13	0.0	60.0	-4.88	83.89	5.23	0.0	-313.78	-2533.91
						120.0	-4.88	-1.77	5.23	0.0	0.0	0.0
141	69	0.0	0.0	3.81e-03	-112.05	0.0	0.0	112.05	0.0	0.0	0.0	-7442.93
		-7442.93	0.0	-2.38e-04	0.0	60.0	0.0	65.02	0.0	0.0	0.0	-2040.73
						120.0	0.0	-1.44e-06	0.0	0.0	0.0	0.0
141	70	0.0	0.0	-0.03	-227.97	0.0	0.0	227.97	0.0	0.0	0.0	-1.526e+04
		-1.526e+04	0.0	-1.68e-04	0.0	60.0	0.0	133.78	0.0	0.0	0.0	-4211.53
						120.0	0.0	-3.27e-06	0.0	0.0	0.0	0.0

141	71	0.0 -7442.93	0.0 0.0	3.81e-03 -2.38e-04	-112.05 0.0	0.0 60.0	0.0 0.0	112.05 65.02	0.0 0.0	0.0 0.0	0.0 0.0	-7442.93 -2040.73
						120.0	0.0	-1.44e-06	0.0	0.0	0.0	0.0
141	72	0.0 -1.135e+04	0.0 0.0	-0.01 -2.03e-04	-170.01 0.0	0.0 60.0	0.0 0.0	170.01 99.40	0.0 0.0	0.0 0.0	0.0 0.0	0.0 -1.135e+04
						120.0	0.0	-2.35e-06	0.0	0.0	0.0	-3126.13
141	73	0.0 -7442.93	0.0 0.0	3.81e-03 -2.38e-04	-112.05 0.0	0.0 60.0	0.0 0.0	112.05 65.02	0.0 0.0	0.0 0.0	0.0 0.0	-7442.93 -2040.73
						120.0	0.0	-1.44e-06	0.0	0.0	0.0	0.0
141	74	0.0 -9788.69	0.0 0.0	-7.85e-03 -2.17e-04	-146.82 0.0	0.0 60.0	0.0 0.0	146.82 85.65	0.0 0.0	0.0 0.0	0.0 0.0	-9788.69 -2691.97
						120.0	0.0	-1.99e-06	0.0	0.0	0.0	0.0
142	1	0.0 -1.066e+04	0.0 0.0	-0.02 -6.75e-04	-177.64 0.0	0.0 60.0	0.0 0.0	177.64 88.82	0.0 0.0	0.0 0.0	0.0 0.0	0.0 -1.066e+04
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	-2664.65
142	2	0.0 -2.375e+04	0.0 0.0	-0.07 -5.74e-04	-395.80 0.0	0.0 60.0	0.0 0.0	395.80 197.90	0.0 0.0	0.0 0.0	0.0 0.0	0.0 -2.375e+04
						120.0	0.0	0.0	0.0	0.0	0.0	-5937.05
142	18	0.0 -1.109e+04	6273.85 0.0	0.03 0.20	-180.28 0.0	0.0 60.0	-6.45 -6.45	180.86 90.72	-52.28 -52.28	0.0 0.0	6273.85 3136.93	-1.109e+04 -2839.99
						120.0	-6.45	0.58	-52.28	0.0	0.0	0.0
142	19	0.0 -1.055e+04	0.0 -6273.85	-0.08 -0.20	-180.28 0.0	0.0 60.0	6.45 6.45	179.70 89.56	52.28 52.28	0.0 0.0	-6273.85 -3136.93	-1.055e+04 -2568.43
						120.0	6.45	-0.58	52.28	0.0	0.0	0.0
142	21	0.0 -1.152e+04	0.0 -76.83	-0.28 0.27	-180.28 0.0	0.0 60.0	26.23 26.23	186.14 96.00	0.64 0.64	0.0 0.0	-76.83 -38.42	-1.152e+04 -3056.04
						120.0	26.23	5.86	0.64	0.0	0.0	0.0
142	22	0.0 -1.021e+04	550.87 0.0	0.21 -0.26	-180.28 0.0	0.0 60.0	-28.87 -28.87	175.19 85.05	-4.59 -4.59	0.0 0.0	550.87 275.43	-1.021e+04 -2398.53
						120.0	-28.87	-5.09	-4.59	0.0	0.0	0.0
142	23	0.0 -1.143e+04	0.0 -550.87	-0.26 0.26	-180.28 0.0	0.0 60.0	28.87 28.87	185.38 95.24	4.59 4.59	0.0 0.0	-550.87 -275.43	-1.143e+04 -3009.89
						120.0	28.87	5.09	4.59	0.0	0.0	0.0
142	24	1.73 -1.011e+04	76.83 0.0	0.23 -0.27	-180.28 0.0	0.0 60.0	-26.23 -26.23	174.42 84.28	-0.64 -0.64	0.0 0.0	76.83 38.42	-1.011e+04 -2352.38
						120.0	-26.23	-5.86	-0.64	0.0	0.0	0.0
142	42	0.0 -1.100e+04	562.03 0.0	-8.66e-03 -0.03	-180.28 0.0	0.0 60.0	-4.58 -4.58	181.82 91.68	-4.68 -4.68	0.0 0.0	562.03 281.01	-1.100e+04 -2796.67
						120.0	-4.58	1.54	-4.68	0.0	0.0	0.0
142	50	0.0 -1.097e+04	3618.10 0.0	8.04e-03 0.11	-180.28 0.0	0.0 60.0	-3.70 -3.70	180.61 90.46	-30.15 -30.15	0.0 0.0	3618.10 1809.05	-1.097e+04 -2781.75
						120.0	-3.70	0.32	-30.15	0.0	0.0	0.0
142	51	0.0 -1.066e+04	0.0 -3618.10	-0.05 -0.12	-180.28 0.0	0.0 60.0	3.70 3.70	179.96 89.82	30.15 30.15	0.0 0.0	-3618.10 -1809.05	-1.066e+04 -2626.68
						120.0	3.70	-0.32	30.15	0.0	0.0	0.0
142	53	0.0 -1.122e+04	0.0 -38.61	-0.16 0.14	-180.28 0.0	0.0 60.0	15.05 15.05	183.61 93.46	0.32 0.32	0.0 0.0	-38.61 -19.31	-1.122e+04 -2903.68
						120.0	15.05	3.32	0.32	0.0	0.0	0.0
142	54	0.0 -1.047e+04	312.17 0.0	0.10 -0.14	-180.28 0.0	0.0 60.0	-16.56 -16.56	177.40 87.26	-2.60 -2.60	0.0 0.0	312.17 156.09	-1.047e+04 -2531.12
						120.0	-16.56	-2.88	-2.60	0.0	0.0	0.0
142	55	0.0 -1.116e+04	0.0 -312.17	-0.15 0.14	-180.28 0.0	0.0 60.0	16.56 16.56	183.17 93.03	2.60 2.60	0.0 0.0	-312.17 -156.09	-1.116e+04 -2877.31
						120.0	16.56	2.88	2.60	0.0	0.0	0.0
142	69	0.0 -8198.93	0.0 0.0	-0.01 -5.19e-04	-136.65 0.0	0.0 60.0	0.0 0.0	136.65 68.32	0.0 0.0	0.0 0.0	0.0 0.0	-8198.93 -2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
142	70	0.0 -1.693e+04	0.0 0.0	-0.05 -4.52e-04	-282.09 0.0	0.0 60.0	0.0 0.0	282.09 141.04	0.0 0.0	0.0 0.0	0.0 0.0	0.0 -1.693e+04
						120.0	0.0	0.0	0.0	0.0	0.0	-4231.33
142	71	0.0 -8198.93	0.0 0.0	-0.01 -5.19e-04	-136.65 0.0	0.0 60.0	0.0 0.0	136.65 68.32	0.0 0.0	0.0 0.0	0.0 0.0	-8198.93 -2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
142	72	0.0 -1.256e+04	0.0 0.0	-0.03 -4.86e-04	-209.37 0.0	0.0 60.0	0.0 0.0	209.37 104.68	0.0 0.0	0.0 0.0	0.0 0.0	0.0 -1.256e+04
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	-3140.53
142	73	0.0 -8198.93	0.0 0.0	-0.01 -5.19e-04	-136.65 0.0	0.0 60.0	0.0 0.0	136.65 68.32	0.0 0.0	0.0 0.0	0.0 0.0	-8198.93 -2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
142	74	0.0 -1.082e+04	0.0 0.0	-0.02 -4.99e-04	-180.28 0.0	0.0 60.0	0.0 0.0	180.28 90.14	0.0 0.0	0.0 0.0	0.0 0.0	0.0 -1.082e+04
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	-2704.21
143	1	0.0 -1.066e+04	0.0 0.0	-0.03 -9.70e-04	-177.64 0.0	0.0 60.0	0.0 0.0	177.64 88.82	0.0 0.0	0.0 0.0	0.0 0.0	0.0 -1.066e+04
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	-2664.65
143	2	0.0 -2.375e+04	0.0 0.0	-0.09 -8.87e-04	-395.80 0.0	0.0 60.0	0.0 0.0	395.80 197.90	0.0 0.0	0.0 0.0	0.0 0.0	0.0 -2.375e+04
												-5937.05

					120.0	0.0	0.0	0.0	0.0	0.0	0.0
143	18	0.0	6022.07	0.04	-180.28	0.0	-7.57	178.06	-50.18	0.0	6022.07 -1.055e+04
		-1.055e+04	0.0	0.17	0.0	60.0	-7.57	87.92	-50.18	0.0	3011.03 -2571.23
					120.0	-7.57	-2.22	-50.18	0.0	0.0	0.0
143	19	0.0	0.0	-0.11	-180.28	0.0	7.57	182.50	50.18	0.0	-6022.07 -1.108e+04
		-1.108e+04	-6022.07	-0.17	0.0	60.0	7.57	92.36	50.18	0.0	-3011.03 -2837.20
					120.0	7.57	2.22	50.18	0.0	0.0	0.0
143	22	1.66	646.17	0.30	-180.28	0.0	-29.67	175.24	-5.38	0.0	646.17 -1.011e+04
		-1.011e+04	0.0	-0.38	0.0	60.0	-29.67	85.10	-5.38	0.0	323.08 -2352.92
					120.0	-29.67	-5.04	-5.38	0.0	0.0	0.0
143	23	0.0	0.0	-0.36	-180.28	0.0	29.67	185.32	5.38	0.0	-646.17 -1.152e+04
		-1.152e+04	-646.17	0.38	0.0	60.0	29.67	95.18	5.38	0.0	-323.08 -3055.51
					120.0	29.67	5.04	5.38	0.0	0.0	0.0
143	50	0.0	3472.02	8.17e-03	-180.28	0.0	-4.33	179.02	-28.93	0.0	3472.02 -1.067e+04
		-1.067e+04	0.0	0.10	0.0	60.0	-4.33	88.88	-28.93	0.0	1736.01 -2628.76
					120.0	-4.33	-1.26	-28.93	0.0	0.0	0.0
143	51	0.0	0.0	-0.07	-180.28	0.0	4.33	181.54	28.93	0.0	-3472.02 -1.097e+04
		-1.097e+04	-3472.02	-0.10	0.0	60.0	4.33	91.40	28.93	0.0	-1736.01 -2779.66
					120.0	4.33	1.26	28.93	0.0	0.0	0.0
143	54	0.0	361.42	0.14	-180.28	0.0	-16.96	177.45	-3.01	0.0	361.42 -1.042e+04
		-1.042e+04	0.0	-0.20	0.0	60.0	-16.96	87.31	-3.01	0.0	180.71 -2506.84
					120.0	-16.96	-2.83	-3.01	0.0	0.0	0.0
143	55	0.0	0.0	-0.21	-180.28	0.0	16.96	183.11	3.01	0.0	-361.42 -1.121e+04
		-1.121e+04	-361.42	0.20	0.0	60.0	16.96	92.97	3.01	0.0	-180.71 -2901.59
					120.0	16.96	2.83	3.01	0.0	0.0	0.0
143	69	0.0	0.0	-0.02	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	-7.46e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
					120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
143	70	0.0	0.0	-0.06	-282.09	0.0	0.0	282.09	0.0	0.0	0.0 -1.693e+04
		-1.693e+04	0.0	-6.91e-04	0.0	60.0	0.0	141.04	0.0	0.0	0.0 -4231.33
					120.0	0.0	0.0	0.0	0.0	0.0	0.0
143	71	0.0	0.0	-0.02	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	-7.46e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
					120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
143	72	0.0	0.0	-0.04	-209.37	0.0	0.0	209.37	0.0	0.0	0.0 -1.256e+04
		-1.256e+04	0.0	-7.18e-04	0.0	60.0	0.0	104.68	0.0	0.0	0.0 -3140.53
					120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
143	73	0.0	0.0	-0.02	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	-7.46e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
					120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
143	74	0.0	0.0	-0.03	-180.28	0.0	0.0	180.28	0.0	0.0	0.0 -1.082e+04
		-1.082e+04	0.0	-7.29e-04	0.0	60.0	0.0	90.14	0.0	0.0	0.0 -2704.21
					120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
144	1	0.0	0.0	-0.03	-177.64	0.0	0.0	177.64	0.0	0.0	0.0 -1.066e+04
		-1.066e+04	0.0	-1.19e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0 -2664.65
					120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
144	2	0.0	0.0	-0.10	-395.80	0.0	0.0	395.80	0.0	0.0	0.0 -2.375e+04
		-2.375e+04	0.0	-1.14e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0 -5937.05
					120.0	0.0	0.0	0.0	0.0	0.0	0.0
144	14	0.0	5902.09	0.08	-180.28	0.0	-11.37	179.69	-49.18	0.0	5902.09 -1.050e+04
		-1.050e+04	0.0	0.14	0.0	60.0	-11.37	89.55	-49.18	0.0	2951.05 -2546.57
					120.0	-11.37	-0.59	-49.18	0.0	0.0	0.0
144	15	0.0	0.0	-0.16	-180.28	0.0	11.37	180.87	49.18	0.0	-5902.09 -1.113e+04
		-1.113e+04	-5902.09	-0.14	0.0	60.0	11.37	90.73	49.18	0.0	-2951.05 -2861.85
					120.0	11.37	0.59	49.18	0.0	0.0	0.0
144	22	1.50	910.47	0.39	-180.28	0.0	-28.84	174.45	-7.59	0.0	910.47 -1.012e+04
		-1.012e+04	0.0	-0.45	0.0	60.0	-28.84	84.31	-7.59	0.0	455.24 -2354.15
					120.0	-28.84	-5.83	-7.59	0.0	0.0	0.0
144	23	0.0	0.0	-0.47	-180.28	0.0	28.84	186.12	7.59	0.0	-910.47 -1.152e+04
		-1.152e+04	-910.47	0.45	0.0	60.0	28.84	95.97	7.59	0.0	-455.24 -3054.27
					120.0	28.84	5.83	7.59	0.0	0.0	0.0
144	30	2.79	787.07	0.33	-180.28	0.0	-17.15	174.27	1.45	0.0	787.07 -1.010e+04
		-1.010e+04	0.0	-0.40	0.0	60.0	-17.15	84.13	1.45	0.0	393.53 -2343.83
					120.0	-17.15	-6.01	1.45	0.0	0.0	0.0
144	31	0.0	0.0	-0.41	-180.28	0.0	17.15	186.29	-1.45	0.0	-787.07 -1.154e+04
		-1.154e+04	-787.07	0.40	0.0	60.0	17.15	96.15	-1.45	0.0	-393.53 -3064.59
					120.0	17.15	6.01	-1.45	0.0	0.0	0.0
144	46	0.0	3401.30	0.02	-180.28	0.0	-6.46	179.97	-28.34	0.0	3401.30 -1.064e+04
		-1.064e+04	0.0	0.09	0.0	60.0	-6.46	89.83	-28.34	0.0	1700.65 -2615.49
					120.0	-6.46	-0.31	-28.34	0.0	0.0	0.0
144	47	0.0	0.0	-0.10	-180.28	0.0	6.46	180.59	28.34	0.0	-3401.30 -1.099e+04
		-1.099e+04	-3401.30	-0.09	0.0	60.0	6.46	90.45	28.34	0.0	-1700.65 -2792.93
					120.0	6.46	0.31	28.34	0.0	0.0	0.0
144	54	0.0	515.56	0.19	-180.28	0.0	-16.37	177.04	-4.30	0.0	515.56 -1.043e+04
		-1.043e+04	0.0	-0.24	0.0	60.0	-16.37	86.90	-4.30	0.0	257.78 -2509.55
					120.0	-16.37	-3.24	-4.30	0.0	0.0	0.0
144	55	0.0	0.0	-0.27	-180.28	0.0	16.37	183.53	4.30	0.0	-515.56 -1.121e+04

		-1.121e+04	-515.56	0.24	0.0	60.0	16.37	93.38	4.30	0.0	-257.78	-2898.87
						120.0	16.37	3.24	4.30	0.0	0.0	0.0
144	60	0.0	0.0	0.20	-180.28	0.0	-14.98	177.12	5.43	0.0	-651.09	-1.048e+04
		-1.048e+04	-651.09	-0.30	0.0	60.0	-14.98	86.98	5.43	0.0	-325.55	-2535.89
						120.0	-14.98	-3.16	5.43	0.0	0.0	0.0
144	63	0.0	0.0	-0.23	-180.28	0.0	9.77	183.66	-0.77	0.0	-445.47	-1.122e+04
		-1.122e+04	-445.47	0.21	0.0	60.0	9.77	93.52	-0.77	0.0	-222.73	-2907.23
						120.0	9.77	3.38	-0.77	0.0	0.0	0.0
144	69	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-9.18e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
144	70	0.0	0.0	-0.07	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-8.84e-04	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
144	71	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-9.18e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
144	72	0.0	0.0	-0.05	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-9.01e-04	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
144	73	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-9.18e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
144	74	0.0	0.0	-0.04	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-9.08e-04	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
145	1	0.0	0.0	-0.04	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-1.35e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
145	2	0.0	0.0	-0.11	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-1.34e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
145	14	0.0	5852.67	0.11	-180.28	0.0	-10.05	183.56	-48.77	0.0	5852.67	-1.042e+04
		-1.042e+04	0.0	0.13	0.0	60.0	-10.05	93.42	-48.77	0.0	2926.33	-2507.61
						120.0	-10.05	3.28	-48.77	0.0	0.0	0.0
145	15	0.0	0.0	-0.20	-180.28	0.0	10.05	177.00	48.77	0.0	-5852.67	-1.121e+04
		-1.121e+04	-5852.67	-0.13	0.0	60.0	10.05	86.86	48.77	0.0	-2926.33	-2900.81
						120.0	10.05	-3.28	48.77	0.0	0.0	0.0
145	22	1.94	1183.45	0.49	-180.28	0.0	-26.72	185.08	-9.86	0.0	1183.45	-1.011e+04
		-1.011e+04	0.0	-0.49	0.0	60.0	-26.72	94.94	-9.86	0.0	591.73	-2350.68
						120.0	-26.72	4.80	-9.86	0.0	0.0	0.0
145	23	0.0	0.0	-0.58	-180.28	0.0	26.72	175.48	9.86	0.0	-1183.45	-1.152e+04
		-1.152e+04	-1183.45	0.49	0.0	60.0	26.72	85.34	9.86	0.0	-591.73	-3057.74
						120.0	26.72	-4.80	9.86	0.0	0.0	0.0
145	29	6.02	0.0	-0.53	-180.28	0.0	15.22	173.84	-6.23	0.0	-109.82	-1.004e+04
		-1.004e+04	-109.82	0.47	0.0	60.0	15.22	83.70	-6.23	0.0	-54.91	-2318.03
						120.0	15.22	-6.44	-6.23	0.0	0.0	0.0
145	32	0.0	109.82	0.45	-180.28	0.0	-15.22	186.72	6.23	0.0	109.82	-1.159e+04
		-1.159e+04	0.0	-0.47	0.0	60.0	-15.22	96.58	6.23	0.0	54.91	-3090.40
						120.0	-15.22	6.44	6.23	0.0	0.0	0.0
145	46	0.0	3373.49	0.04	-180.28	0.0	-5.64	182.12	-28.11	0.0	3373.49	-1.060e+04
		-1.060e+04	0.0	0.08	0.0	60.0	-5.64	91.98	-28.11	0.0	1686.75	-2593.61
						120.0	-5.64	1.84	-28.11	0.0	0.0	0.0
145	47	0.0	0.0	-0.13	-180.28	0.0	5.64	178.44	28.11	0.0	-3373.49	-1.104e+04
		-1.104e+04	-3373.49	-0.08	0.0	60.0	5.64	88.30	28.11	0.0	-1686.75	-2814.82
						120.0	5.64	-1.84	28.11	0.0	0.0	0.0
145	54	0.0	675.38	0.24	-180.28	0.0	-14.99	182.90	-5.63	0.0	675.38	-1.043e+04
		-1.043e+04	0.0	-0.26	0.0	60.0	-14.99	92.76	-5.63	0.0	337.69	-2509.78
						120.0	-14.99	2.62	-5.63	0.0	0.0	0.0
145	55	0.0	0.0	-0.32	-180.28	0.0	14.99	177.66	5.63	0.0	-675.38	-1.121e+04
		-1.121e+04	-675.38	0.26	0.0	60.0	14.99	87.52	5.63	0.0	-337.69	-2898.65
						120.0	14.99	-2.62	5.63	0.0	0.0	0.0
145	64	0.0	51.85	0.22	-180.28	0.0	-8.65	183.89	3.50	0.0	51.85	-1.125e+04
		-1.125e+04	0.0	-0.25	0.0	60.0	-8.65	93.75	3.50	0.0	25.92	-2920.95
						120.0	-8.65	3.61	3.50	0.0	0.0	0.0
145	69	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.04e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
145	70	0.0	0.0	-0.08	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-1.03e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
145	71	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.04e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
145	72	0.0	0.0	-0.05	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-1.03e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0

145	73	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.04e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
145	74	0.0	0.0	-0.04	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-1.03e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0	0.0
146	1	0.0	0.0	-0.04	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-1.43e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0	0.0
146	2	0.0	0.0	-0.11	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-1.48e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146	14	0.0	5863.67	0.14	-180.28	0.0	-8.87	180.29	-48.86	0.0	5863.67	-1.042e+04	
		-1.042e+04	0.0	0.13	0.0	60.0	-8.87	90.15	-48.86	0.0	2931.84	-2506.13	
						120.0	-8.87	0.01	-48.86	0.0	0.0	0.0	0.0
146	15	0.0	0.0	-0.23	-180.28	0.0	8.87	180.27	48.86	0.0	-5863.67	-1.121e+04	
		-1.121e+04	-5863.67	-0.13	0.0	60.0	8.87	90.13	48.86	0.0	-2931.84	-2902.30	
						120.0	8.87	-0.01	48.86	0.0	0.0	0.0	0.0
146	22	0.0	1330.68	0.59	-180.28	0.0	-24.43	175.39	-11.09	0.0	1330.68	-1.023e+04	
		-1.023e+04	0.0	-0.48	0.0	60.0	-24.43	85.25	-11.09	0.0	665.34	-2410.74	
						120.0	-24.43	-4.89	-11.09	0.0	0.0	0.0	0.0
146	23	0.0	0.0	-0.68	-180.28	0.0	24.43	185.17	11.09	0.0	-1330.68	-1.140e+04	
		-1.140e+04	-1330.68	0.48	0.0	60.0	24.43	95.03	11.09	0.0	-665.34	-2997.69	
						120.0	24.43	4.89	11.09	0.0	0.0	0.0	0.0
146	29	0.0	0.0	-0.63	-180.28	0.0	15.79	187.14	1.04	0.0	-124.57	-1.164e+04	
		-1.164e+04	-124.57	0.46	0.0	60.0	15.79	97.00	1.04	0.0	-62.28	-3115.53	
						120.0	15.79	6.86	1.04	0.0	0.0	0.0	0.0
146	32	9.16	124.57	0.54	-180.28	0.0	-15.79	173.43	-1.04	0.0	124.57	-9994.22	
		-9994.22	0.0	-0.47	0.0	60.0	-15.79	83.29	-1.04	0.0	62.28	-2292.90	
						120.0	-15.79	-6.86	-1.04	0.0	0.0	0.0	0.0
146	46	0.0	3380.30	0.05	-180.28	0.0	-4.88	180.34	-28.17	0.0	3380.30	-1.060e+04	
		-1.060e+04	0.0	0.08	0.0	60.0	-4.88	90.20	-28.17	0.0	1690.15	-2593.50	
						120.0	-4.88	0.06	-28.17	0.0	0.0	0.0	0.0
146	47	0.0	0.0	-0.14	-180.28	0.0	4.88	180.22	28.17	0.0	-3380.30	-1.104e+04	
		-1.104e+04	-3380.30	-0.08	0.0	60.0	4.88	90.08	28.17	0.0	-1690.15	-2814.93	
						120.0	4.88	-0.06	28.17	0.0	0.0	0.0	0.0
146	54	0.0	762.00	0.29	-180.28	0.0	-13.44	177.64	-6.35	0.0	762.00	-1.050e+04	
		-1.050e+04	0.0	-0.26	0.0	60.0	-13.44	87.50	-6.35	0.0	381.00	-2546.04	
						120.0	-13.44	-2.64	-6.35	0.0	0.0	0.0	0.0
146	55	0.0	0.0	-0.38	-180.28	0.0	13.44	182.92	6.35	0.0	-762.00	-1.113e+04	
		-1.113e+04	-762.00	0.26	0.0	60.0	13.44	92.78	6.35	0.0	-381.00	-2862.39	
						120.0	13.44	2.64	6.35	0.0	0.0	0.0	0.0
146	61	0.0	0.0	-0.35	-180.28	0.0	8.88	184.11	0.51	0.0	-61.18	-1.128e+04	
		-1.128e+04	-61.18	0.25	0.0	60.0	8.88	93.97	0.51	0.0	-30.59	-2934.08	
						120.0	8.88	3.83	0.51	0.0	0.0	0.0	0.0
146	62	0.0	425.01	0.24	-180.28	0.0	-10.72	177.12	-3.54	0.0	425.01	-1.044e+04	
		-1.044e+04	0.0	-0.22	0.0	60.0	-10.72	86.98	-3.54	0.0	212.51	-2514.37	
						120.0	-10.72	-3.16	-3.54	0.0	0.0	0.0	0.0
146	69	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.10e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
146	70	0.0	0.0	-0.08	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-1.14e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146	71	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.10e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
146	72	0.0	0.0	-0.05	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-1.12e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0	0.0
146	73	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.10e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
146	74	0.0	0.0	-0.05	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-1.11e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0	0.0
147	1	0.0	0.0	-0.04	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-1.45e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0	0.0
147	2	0.0	0.0	-0.10	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-1.58e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147	14	0.0	5903.97	0.14	-180.28	0.0	-8.61	179.23	-49.20	0.0	5903.97	-1.069e+04	
		-1.069e+04	0.0	0.14	0.0	60.0	-8.61	89.09	-49.20	0.0	2951.99	-2641.35	
						120.0	-8.61	-1.05	-49.20	0.0	0.0	0.0	0.0
147	15	0.0	0.0	-0.23	-180.28	0.0	8.61	181.33	49.20	0.0	-5903.97	-1.094e+04	
		-1.094e+04	-5903.97	-0.14	0.0	60.0	8.61	91.19	49.20	0.0	-2951.99	-2767.08	

					120.0	8.61	1.05	49.20	0.0	0.0	0.0
147	22	0.0	1276.35	0.74	-180.28	0.0	-23.26	175.02	-10.64	0.0	1276.35 -1.019e+04
		-1.019e+04	0.0	-0.44	0.0	60.0	-23.26	84.88	-10.64	0.0	638.17 -2388.59
					120.0	-23.26	-5.26	-10.64	0.0	0.0	0.0
147	23	0.0	0.0	-0.83	-180.28	0.0	23.26	185.54	10.64	0.0	-1276.35 -1.145e+04
		-1.145e+04	-1276.35	0.44	0.0	60.0	23.26	95.40	10.64	0.0	-638.17 -3019.83
					120.0	23.26	5.26	10.64	0.0	0.0	0.0
147	29	0.0	0.0	-0.67	-180.28	0.0	16.08	187.51	1.17	0.0	-140.19 -1.168e+04
		-1.168e+04	-140.19	0.42	0.0	60.0	16.08	97.37	1.17	0.0	-70.09 -3137.71
					120.0	16.08	7.22	1.17	0.0	0.0	0.0
147	32	11.93	140.19	0.58	-180.28	0.0	-16.08	173.06	-1.17	0.0	140.19 -9949.85
		-9949.85	0.0	-0.43	0.0	60.0	-16.08	82.92	-1.17	0.0	70.09 -2270.71
					120.0	-16.08	-7.22	-1.17	0.0	0.0	0.0
147	46	0.0	3403.79	0.05	-180.28	0.0	-4.67	179.73	-28.36	0.0	3403.79 -1.075e+04
		-1.075e+04	0.0	0.08	0.0	60.0	-4.67	89.59	-28.36	0.0	1701.90 -2671.39
					120.0	-4.67	-0.55	-28.36	0.0	0.0	0.0
147	47	0.0	0.0	-0.14	-180.28	0.0	4.67	180.83	28.36	0.0	-3403.79 -1.088e+04
		-1.088e+04	-3403.79	-0.09	0.0	60.0	4.67	90.69	28.36	0.0	-1701.90 -2737.03
					120.0	4.67	0.55	28.36	0.0	0.0	0.0
147	54	0.0	731.69	0.37	-180.28	0.0	-12.53	177.47	-6.10	0.0	731.69 -1.048e+04
		-1.048e+04	0.0	-0.24	0.0	60.0	-12.53	87.33	-6.10	0.0	365.84 -2535.45
					120.0	-12.53	-2.81	-6.10	0.0	0.0	0.0
147	55	0.0	0.0	-0.46	-180.28	0.0	12.53	183.09	6.10	0.0	-731.69 -1.115e+04
		-1.115e+04	-731.69	0.23	0.0	60.0	12.53	92.95	6.10	0.0	-365.84 -2872.97
					120.0	12.53	2.81	6.10	0.0	0.0	0.0
147	61	0.0	0.0	-0.38	-180.28	0.0	8.94	184.30	0.60	0.0	-72.14 -1.130e+04
		-1.130e+04	-72.14	0.23	0.0	60.0	8.94	94.16	0.60	0.0	-36.07 -2945.09
					120.0	8.94	4.01	0.60	0.0	0.0	0.0
147	69	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	-1.12e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
					120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
147	70	0.0	0.0	-0.07	-282.09	0.0	0.0	282.09	0.0	0.0	0.0 -1.693e+04
		-1.693e+04	0.0	-1.20e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0 -4231.33
					120.0	0.0	0.0	0.0	0.0	0.0	0.0
147	71	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	-1.12e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
					120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
147	72	0.0	0.0	-0.05	-209.37	0.0	0.0	209.37	0.0	0.0	0.0 -1.256e+04
		-1.256e+04	0.0	-1.16e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0 -3140.53
					120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
147	73	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	-1.12e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
					120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
147	74	0.0	0.0	-0.04	-180.28	0.0	0.0	180.28	0.0	0.0	0.0 -1.082e+04
		-1.082e+04	0.0	-1.14e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0 -2704.21
					120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
148	1	0.0	0.0	-0.05	-177.64	0.0	0.0	177.64	0.0	0.0	0.0 -1.066e+04
		-1.066e+04	0.0	-1.64e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0 -2664.65
					120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
148	2	0.0	0.0	-0.12	-395.80	0.0	0.0	395.80	0.0	0.0	0.0 -2.375e+04
		-2.375e+04	0.0	-1.75e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0 -5937.05
					120.0	0.0	0.0	0.0	0.0	0.0	0.0
148	14	0.0	5999.45	0.21	-180.28	0.0	-8.98	180.07	-50.00	0.0	5999.45 -1.079e+04
		-1.079e+04	0.0	0.13	0.0	60.0	-8.98	89.93	-50.00	0.0	2999.73 -2691.72
					120.0	-8.98	-0.21	-50.00	0.0	0.0	0.0
148	15	0.0	0.0	-0.32	-180.28	0.0	8.98	180.49	50.00	0.0	-5999.45 -1.084e+04
		-1.084e+04	-5999.45	-0.13	0.0	60.0	8.98	90.35	50.00	0.0	-2999.73 -2716.70
					120.0	8.98	0.21	50.00	0.0	0.0	0.0
148	22	0.0	1280.57	0.79	-180.28	0.0	-23.72	173.97	-10.67	0.0	1280.57 -1.018e+04
		-1.018e+04	0.0	-0.45	0.0	60.0	-23.72	83.83	-10.67	0.0	640.29 -2384.04
					120.0	-23.72	-6.31	-10.67	0.0	0.0	0.0
148	23	0.0	0.0	-0.90	-180.28	0.0	23.72	186.59	10.67	0.0	-1280.57 -1.146e+04
		-1.146e+04	-1280.57	0.45	0.0	60.0	23.72	96.45	10.67	0.0	-640.29 -3024.39
					120.0	23.72	6.31	10.67	0.0	0.0	0.0
148	29	0.0	0.0	-0.76	-180.28	0.0	16.47	186.06	1.88	0.0	-225.92 -1.163e+04
		-1.163e+04	-225.92	0.44	0.0	60.0	16.47	95.92	1.88	0.0	-112.96 -3109.59
					120.0	16.47	5.78	1.88	0.0	0.0	0.0
148	32	8.42	225.92	0.66	-180.28	0.0	-16.47	174.50	-1.88	0.0	225.92 -1.001e+04
		-1.001e+04	0.0	-0.44	0.0	60.0	-16.47	84.36	-1.88	0.0	112.96 -2298.84
					120.0	-16.47	-5.78	-1.88	0.0	0.0	0.0
148	46	0.0	3458.82	0.09	-180.28	0.0	-4.83	180.23	-28.82	0.0	3458.82 -1.081e+04
		-1.081e+04	0.0	0.08	0.0	60.0	-4.83	90.09	-28.82	0.0	1729.41 -2701.44
					120.0	-4.83	-0.05	-28.82	0.0	0.0	0.0
148	47	0.0	0.0	-0.19	-180.28	0.0	4.83	180.33	28.82	0.0	-3458.82 -1.082e+04
		-1.082e+04	-3458.82	-0.08	0.0	60.0	4.83	90.19	28.82	0.0	-1729.41 -2706.98
					120.0	4.83	0.05	28.82	0.0	0.0	0.0
148	54	0.0	734.18	0.39	-180.28	0.0	-12.60	176.92	-6.12	0.0	734.18 -1.048e+04

		-1.048e+04	0.0	-0.24	0.0	60.0	-12.60	86.78	-6.12	0.0	367.09	-2535.15
						120.0	-12.60	-3.36	-6.12	0.0	0.0	0.0
148	55	0.0	0.0	-0.50	-180.28	0.0	12.60	183.64	6.12	0.0	-734.18	-1.115e+04
		-1.115e+04	-734.18	0.24	0.0	60.0	12.60	93.50	6.12	0.0	-367.09	-2873.28
						120.0	12.60	3.36	6.12	0.0	0.0	0.0
148	56	0.0	414.72	0.37	-180.28	0.0	-10.55	177.46	-3.46	0.0	414.72	-1.041e+04
		-1.041e+04	0.0	-0.26	0.0	60.0	-10.55	87.32	-3.46	0.0	207.36	-2502.76
						120.0	-10.55	-2.82	-3.46	0.0	0.0	0.0
148	61	0.0	0.0	-0.43	-180.28	0.0	9.03	183.44	1.02	0.0	-122.18	-1.126e+04
		-1.126e+04	-122.18	0.23	0.0	60.0	9.03	93.30	1.02	0.0	-61.09	-2926.06
						120.0	9.03	3.16	1.02	0.0	0.0	0.0
148	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.26e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
148	70	0.0	0.0	-0.08	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-1.34e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
148	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.26e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
148	72	0.0	0.0	-0.06	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-1.30e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
148	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.26e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
148	74	0.0	0.0	-0.05	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-1.28e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
149	1	0.0	0.0	-0.05	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-1.74e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
149	2	0.0	0.0	-0.13	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-1.86e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
149	4	0.0	0.0	-0.12	-354.81	0.0	0.0	354.81	0.0	0.0	0.0	-2.129e+04
		-2.129e+04	0.0	-1.46e-03	0.0	60.0	0.0	177.40	0.0	0.0	0.0	-5322.13
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
149	14	0.0	6060.82	0.23	-180.28	0.0	-9.55	177.27	-50.51	0.0	6060.82	-1.074e+04
		-1.074e+04	0.0	0.14	0.0	60.0	-9.55	87.13	-50.51	0.0	3030.41	-2666.04
						120.0	-9.55	-3.01	-50.51	0.0	0.0	0.0
149	15	0.0	0.0	-0.34	-180.28	0.0	9.55	183.29	50.51	0.0	-6060.82	-1.089e+04
		-1.089e+04	-6060.82	-0.15	0.0	60.0	9.55	93.15	50.51	0.0	-3030.41	-2742.39
						120.0	9.55	3.01	50.51	0.0	0.0	0.0
149	22	0.0	1207.71	0.86	-180.28	0.0	-25.41	173.76	-10.06	0.0	1207.71	-1.014e+04
		-1.014e+04	0.0	-0.41	0.0	60.0	-25.41	83.62	-10.06	0.0	603.85	-2366.68
						120.0	-25.41	-6.52	-10.06	0.0	0.0	0.0
149	23	0.0	0.0	-0.97	-180.28	0.0	25.41	186.80	10.06	0.0	-1207.71	-1.149e+04
		-1.149e+04	-1207.71	0.41	0.0	60.0	25.41	96.66	10.06	0.0	-603.85	-3041.74
						120.0	25.41	6.52	10.06	0.0	0.0	0.0
149	29	0.0	0.0	-0.84	-180.28	0.0	16.95	185.94	2.74	0.0	-328.22	-1.160e+04
		-1.160e+04	-328.22	0.42	0.0	60.0	16.95	95.80	2.74	0.0	-164.11	-3097.47
						120.0	16.95	5.66	2.74	0.0	0.0	0.0
149	32	6.90	328.22	0.73	-180.28	0.0	-16.95	174.62	-2.74	0.0	328.22	-1.003e+04
		-1.003e+04	0.0	-0.42	0.0	60.0	-16.95	84.48	-2.74	0.0	164.11	-2310.95
						120.0	-16.95	-5.66	-2.74	0.0	0.0	0.0
149	46	0.0	3494.34	0.09	-180.28	0.0	-5.13	178.64	-29.12	0.0	3494.34	-1.078e+04
		-1.078e+04	0.0	0.09	0.0	60.0	-5.13	88.50	-29.12	0.0	1747.17	-2687.12
						120.0	-5.13	-1.64	-29.12	0.0	0.0	0.0
149	47	0.0	0.0	-0.21	-180.28	0.0	5.13	181.92	29.12	0.0	-3494.34	-1.085e+04
		-1.085e+04	-3494.34	-0.09	0.0	60.0	5.13	91.78	29.12	0.0	-1747.17	-2721.31
						120.0	5.13	1.64	29.12	0.0	0.0	0.0
149	54	0.0	692.79	0.43	-180.28	0.0	-13.47	176.83	-5.77	0.0	692.79	-1.046e+04
		-1.046e+04	0.0	-0.22	0.0	60.0	-13.47	86.69	-5.77	0.0	346.39	-2526.93
						120.0	-13.47	-3.45	-5.77	0.0	0.0	0.0
149	55	0.0	0.0	-0.54	-180.28	0.0	13.47	183.73	5.77	0.0	-692.79	-1.117e+04
		-1.117e+04	-692.79	0.22	0.0	60.0	13.47	93.59	5.77	0.0	-346.39	-2881.49
						120.0	13.47	3.45	5.77	0.0	0.0	0.0
149	61	0.0	0.0	-0.47	-180.28	0.0	9.15	183.32	1.53	0.0	-183.27	-1.124e+04
		-1.124e+04	-183.27	0.22	0.0	60.0	9.15	93.18	1.53	0.0	-91.63	-2916.39
						120.0	9.15	3.04	1.53	0.0	0.0	0.0
149	62	0.0	481.71	0.38	-180.28	0.0	-11.17	176.74	-4.01	0.0	481.71	-1.045e+04
		-1.045e+04	0.0	-0.21	0.0	60.0	-11.17	86.60	-4.01	0.0	240.85	-2521.81
						120.0	-11.17	-3.54	-4.01	0.0	0.0	0.0
149	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.34e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0

149	70	0.0	0.0	-0.09	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-1.42e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
149	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.34e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
149	72	0.0	0.0	-0.07	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-1.38e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
149	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.34e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
149	74	0.0	0.0	-0.06	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-1.36e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
150	1	0.0	0.0	-0.06	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-1.77e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
150	2	0.0	0.0	-0.13	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-1.89e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
150	14	0.0	6072.39	0.20	-180.28	0.0	-10.10	182.74	-50.60	0.0	6072.39	-1.064e+04
		-1.064e+04	0.0	0.16	0.0	60.0	-10.10	92.60	-50.60	0.0	3036.19	-2616.14
						120.0	-10.10	2.46	-50.60	0.0	0.0	0.0
150	15	0.0	0.0	-0.32	-180.28	0.0	10.10	177.83	50.60	0.0	-6072.39	-1.099e+04
		-1.099e+04	-6072.39	-0.17	0.0	60.0	10.10	87.68	50.60	0.0	-3036.19	-2792.28
						120.0	10.10	-2.46	50.60	0.0	0.0	0.0
150	21	0.0	0.0	-1.04	-180.28	0.0	24.21	174.16	4.76	0.0	-570.68	-1.165e+04
		-1.165e+04	-570.68	0.36	0.0	60.0	24.21	84.02	4.76	0.0	-285.34	-3121.81
						120.0	24.21	-6.12	4.76	0.0	0.0	0.0
150	22	3.64	1061.95	0.89	-180.28	0.0	-27.57	187.24	-8.85	0.0	1061.95	-1.008e+04
		-1.008e+04	0.0	-0.34	0.0	60.0	-27.57	97.10	-8.85	0.0	530.98	-2337.08
						120.0	-27.57	6.96	-8.85	0.0	0.0	0.0
150	23	0.0	0.0	-1.00	-180.28	0.0	27.57	173.32	8.85	0.0	-1061.95	-1.155e+04
		-1.155e+04	-1061.95	0.34	0.0	60.0	27.57	83.18	8.85	0.0	-530.98	-3071.34
						120.0	27.57	-6.96	8.85	0.0	0.0	0.0
150	24	9.95	570.68	0.93	-180.28	0.0	-24.21	186.40	-4.76	0.0	570.68	-9981.66
		-9981.66	0.0	-0.36	0.0	60.0	-24.21	96.26	-4.76	0.0	285.34	-2286.62
						120.0	-24.21	6.12	-4.76	0.0	0.0	0.0
150	46	0.0	3501.19	0.08	-180.28	0.0	-5.44	181.59	-29.18	0.0	3501.19	-1.073e+04
		-1.073e+04	0.0	0.10	0.0	60.0	-5.44	91.45	-29.18	0.0	1750.59	-2658.42
						120.0	-5.44	1.31	-29.18	0.0	0.0	0.0
150	47	0.0	0.0	-0.20	-180.28	0.0	5.44	178.97	29.18	0.0	-3501.19	-1.091e+04
		-1.091e+04	-3501.19	-0.10	0.0	60.0	5.44	88.83	29.18	0.0	-1750.59	-2750.01
						120.0	5.44	-1.31	29.18	0.0	0.0	0.0
150	53	0.0	0.0	-0.58	-180.28	0.0	12.80	177.06	2.72	0.0	-326.36	-1.126e+04
		-1.126e+04	-326.36	0.19	0.0	60.0	12.80	86.92	2.72	0.0	-163.18	-2925.60
						120.0	12.80	-3.22	2.72	0.0	0.0	0.0
150	54	0.0	609.57	0.44	-180.28	0.0	-14.68	183.97	-5.08	0.0	609.57	-1.043e+04
		-1.043e+04	0.0	-0.19	0.0	60.0	-14.68	93.83	-5.08	0.0	304.79	-2511.04
						120.0	-14.68	3.69	-5.08	0.0	0.0	0.0
150	55	0.0	0.0	-0.56	-180.28	0.0	14.68	176.59	5.08	0.0	-609.57	-1.120e+04
		-1.120e+04	-609.57	0.18	0.0	60.0	14.68	86.45	5.08	0.0	-304.79	-2897.39
						120.0	14.68	-3.69	5.08	0.0	0.0	0.0
150	56	0.0	326.36	0.46	-180.28	0.0	-12.80	183.50	-2.72	0.0	326.36	-1.037e+04
		-1.037e+04	0.0	-0.20	0.0	60.0	-12.80	93.36	-2.72	0.0	163.18	-2482.83
						120.0	-12.80	3.22	-2.72	0.0	0.0	0.0
150	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.36e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
150	70	0.0	0.0	-0.09	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-1.44e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
150	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.36e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
150	72	0.0	0.0	-0.07	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-1.40e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
150	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.36e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
150	74	0.0	0.0	-0.06	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-1.38e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
151	1	0.0	0.0	-0.05	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-1.71e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65

						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
151	2	0.0	0.0	-0.13	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-1.85e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
151	3	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.32e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
151	18	0.0	6067.06	0.22	-180.28	0.0	-8.19	179.46	-50.56	0.0	6067.06	-1.072e+04
		-1.072e+04	0.0	0.17	0.0	60.0	-8.19	89.32	-50.56	0.0	3033.53	-2654.70
						120.0	-8.19	-0.83	-50.56	0.0	0.0	0.0
151	19	0.0	0.0	-0.33	-180.28	0.0	8.19	181.11	50.56	0.0	-6067.06	-1.092e+04
		-1.092e+04	-6067.06	-0.18	0.0	60.0	8.19	90.97	50.56	0.0	-3033.53	-2753.73
						120.0	8.19	0.83	50.56	0.0	0.0	0.0
151	21	0.0	0.0	-1.11	-180.28	0.0	26.52	187.88	3.25	0.0	-390.51	-1.173e+04
		-1.173e+04	-390.51	0.27	0.0	60.0	26.52	97.74	3.25	0.0	-195.25	-3159.97
						120.0	26.52	7.60	3.25	0.0	0.0	0.0
151	22	8.50	868.62	0.96	-180.28	0.0	-29.45	173.51	-7.24	0.0	868.62	-1.000e+04
		-1.000e+04	0.0	-0.26	0.0	60.0	-29.45	83.37	-7.24	0.0	434.31	-2298.17
						120.0	-29.45	-6.77	-7.24	0.0	0.0	0.0
151	23	0.0	0.0	-1.08	-180.28	0.0	29.45	187.05	7.24	0.0	-868.62	-1.163e+04
		-1.163e+04	-868.62	0.25	0.0	60.0	29.45	96.91	7.24	0.0	-434.31	-3110.25
						120.0	29.45	6.77	7.24	0.0	0.0	0.0
151	24	14.72	390.51	1.00	-180.28	0.0	-26.52	172.68	-3.25	0.0	390.51	-9905.33
		-9905.33	0.0	-0.27	0.0	60.0	-26.52	82.54	-3.25	0.0	195.25	-2248.45
						120.0	-26.52	-7.60	-3.25	0.0	0.0	0.0
151	50	0.0	3498.20	0.09	-180.28	0.0	-4.40	179.90	-29.15	0.0	3498.20	-1.077e+04
		-1.077e+04	0.0	0.10	0.0	60.0	-4.40	89.75	-29.15	0.0	1749.10	-2681.08
						120.0	-4.40	-0.39	-29.15	0.0	0.0	0.0
151	51	0.0	0.0	-0.20	-180.28	0.0	4.40	180.67	29.15	0.0	-3498.20	-1.086e+04
		-1.086e+04	-3498.20	-0.11	0.0	60.0	4.40	90.53	29.15	0.0	-1749.10	-2727.34
						120.0	4.40	0.39	29.15	0.0	0.0	0.0
151	53	0.0	0.0	-0.61	-180.28	0.0	14.13	184.33	1.86	0.0	-223.43	-1.130e+04
		-1.130e+04	-223.43	0.15	0.0	60.0	14.13	94.19	1.86	0.0	-111.71	-2947.18
						120.0	14.13	4.05	1.86	0.0	0.0	0.0
151	54	0.0	498.90	0.48	-180.28	0.0	-15.77	176.70	-4.16	0.0	498.90	-1.039e+04
		-1.039e+04	0.0	-0.14	0.0	60.0	-15.77	86.56	-4.16	0.0	249.45	-2489.29
						120.0	-15.77	-3.58	-4.16	0.0	0.0	0.0
151	55	0.0	0.0	-0.59	-180.28	0.0	15.77	183.86	4.16	0.0	-498.90	-1.125e+04
		-1.125e+04	-498.90	0.14	0.0	60.0	15.77	93.72	4.16	0.0	-249.45	-2919.13
						120.0	15.77	3.58	4.16	0.0	0.0	0.0
151	56	0.0	223.43	0.50	-180.28	0.0	-14.13	176.23	-1.86	0.0	223.43	-1.033e+04
		-1.033e+04	0.0	-0.15	0.0	60.0	-14.13	86.09	-1.86	0.0	111.71	-2461.25
						120.0	-14.13	-4.05	-1.86	0.0	0.0	0.0
151	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.32e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
151	70	0.0	0.0	-0.09	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-1.41e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
151	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.32e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
151	72	0.0	0.0	-0.07	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-1.36e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
151	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.32e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
151	74	0.0	0.0	-0.06	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-1.35e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
152	1	0.0	0.0	-0.05	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-1.58e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
152	2	0.0	0.0	-0.12	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-1.73e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
152	18	0.0	6060.24	0.24	-180.28	0.0	-8.43	183.31	-50.50	0.0	6060.24	-1.045e+04
		-1.045e+04	0.0	0.19	0.0	60.0	-8.43	93.17	-50.50	0.0	3030.12	-2522.71
						120.0	-8.43	3.03	-50.50	0.0	0.0	0.0
152	19	0.0	0.0	-0.35	-180.28	0.0	8.43	177.26	50.50	0.0	-6060.24	-1.118e+04
		-1.118e+04	-6060.24	-0.19	0.0	60.0	8.43	87.12	50.50	0.0	-3030.12	-2885.72
						120.0	8.43	-3.03	50.50	0.0	0.0	0.0
152	21	0.0	0.0	-1.18	-180.28	0.0	28.21	188.60	1.57	0.0	-188.13	-1.181e+04
		-1.181e+04	-188.13	0.19	0.0	60.0	28.21	98.46	1.57	0.0	-94.07	-3203.14
						120.0	28.21	8.32	1.57	0.0	0.0	0.0
152	22	14.66	674.66	1.04	-180.28	0.0	-30.64	172.69	-5.62	0.0	674.66	-9906.24

		-9906.24	0.0	-0.18	0.0	60.0	-30.64	82.55	-5.62	0.0	337.33	-2248.91
						120.0	-30.64	-7.59	-5.62	0.0	0.0	0.0
152	23	0.0	0.0	-1.15	-180.28	0.0	30.64	187.87	5.62	0.0	-674.66	-1.173e+04
		-1.173e+04	-674.66	0.17	0.0	60.0	30.64	97.73	5.62	0.0	-337.33	-3159.52
						120.0	30.64	7.59	5.62	0.0	0.0	0.0
152	24	20.11	188.13	1.07	-180.28	0.0	-28.21	171.97	-1.57	0.0	188.13	-9819.00
		-9819.00	0.0	-0.19	0.0	60.0	-28.21	81.83	-1.57	0.0	94.07	-2205.29
						120.0	-28.21	-8.32	-1.57	0.0	0.0	0.0
152	50	0.0	3494.51	0.10	-180.28	0.0	-4.51	181.92	-29.12	0.0	3494.51	-1.062e+04
		-1.062e+04	0.0	0.11	0.0	60.0	-4.51	91.78	-29.12	0.0	1747.26	-2605.83
						120.0	-4.51	1.64	-29.12	0.0	0.0	0.0
152	51	0.0	0.0	-0.21	-180.28	0.0	4.51	178.64	29.12	0.0	-3494.51	-1.101e+04
		-1.101e+04	-3494.51	-0.11	0.0	60.0	4.51	88.50	29.12	0.0	-1747.26	-2802.60
						120.0	4.51	-1.64	29.12	0.0	0.0	0.0
152	53	0.0	0.0	-0.65	-180.28	0.0	15.12	184.74	0.90	0.0	-107.45	-1.135e+04
		-1.135e+04	-107.45	0.10	0.0	60.0	15.12	94.60	0.90	0.0	-53.73	-2971.77
						120.0	15.12	4.46	0.90	0.0	0.0	0.0
152	54	0.0	387.68	0.52	-180.28	0.0	-16.48	176.23	-3.23	0.0	387.68	-1.033e+04
		-1.033e+04	0.0	-0.10	0.0	60.0	-16.48	86.09	-3.23	0.0	193.84	-2461.27
						120.0	-16.48	-4.05	-3.23	0.0	0.0	0.0
152	55	0.0	0.0	-0.63	-180.28	0.0	16.48	184.33	3.23	0.0	-387.68	-1.130e+04
		-1.130e+04	-387.68	0.09	0.0	60.0	16.48	94.19	3.23	0.0	-193.84	-2947.16
						120.0	16.48	4.05	3.23	0.0	0.0	0.0
152	62	0.0	519.54	0.49	-180.28	0.0	-12.05	184.10	-4.33	0.0	519.54	-1.041e+04
		-1.041e+04	0.0	-0.14	0.0	60.0	-12.05	93.96	-4.33	0.0	259.77	-2499.49
						120.0	-12.05	3.82	-4.33	0.0	0.0	0.0
152	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.22e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
152	70	0.0	0.0	-0.08	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-1.32e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
152	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.22e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
152	72	0.0	0.0	-0.06	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-1.27e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
152	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-1.22e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
152	74	0.0	0.0	-0.05	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-1.25e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
153	1	0.0	0.0	-0.05	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-1.48e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
153	2	0.0	0.0	-0.12	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-1.65e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
153	4	0.0	0.0	-0.10	-354.81	0.0	0.0	354.81	0.0	0.0	0.0	-2.129e+04
		-2.129e+04	0.0	-1.31e-03	0.0	60.0	0.0	177.40	0.0	0.0	0.0	-5322.13
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
153	18	0.0	5981.02	0.22	-180.28	0.0	-8.88	183.59	-49.84	0.0	5981.02	-1.069e+04
		-1.069e+04	0.0	0.20	0.0	60.0	-8.88	93.45	-49.84	0.0	2990.51	-2639.60
						120.0	-8.88	3.31	-49.84	0.0	0.0	0.0
153	19	0.0	0.0	-0.32	-180.28	0.0	8.88	176.97	49.84	0.0	-5981.02	-1.095e+04
		-1.095e+04	-5981.02	-0.20	0.0	60.0	8.88	86.83	49.84	0.0	-2990.51	-2768.82
						120.0	8.88	-3.31	49.84	0.0	0.0	0.0
153	22	18.51	534.99	1.08	-180.28	0.0	-31.11	172.18	-4.46	0.0	534.99	-9844.63
		-9844.63	0.0	-0.12	0.0	60.0	-31.11	82.04	-4.46	0.0	267.49	-2218.10
						120.0	-31.11	-8.10	-4.46	0.0	0.0	0.0
153	23	0.0	0.0	-1.18	-180.28	0.0	31.11	188.38	4.46	0.0	-534.99	-1.179e+04
		-1.179e+04	-534.99	0.12	0.0	60.0	31.11	98.24	4.46	0.0	-267.49	-3190.32
						120.0	31.11	8.10	4.46	0.0	0.0	0.0
153	25	0.0	1456.26	-1.22	-180.28	0.0	29.57	189.02	-12.14	0.0	1456.26	-1.187e+04
		-1.187e+04	0.0	0.21	0.0	60.0	29.57	98.88	-12.14	0.0	728.13	-3228.79
						120.0	29.57	8.74	-12.14	0.0	0.0	0.0
153	28	23.32	0.0	1.12	-180.28	0.0	-29.57	171.54	12.14	0.0	-1456.26	-9767.69
		-9767.69	-1456.26	-0.21	0.0	60.0	-29.57	81.40	12.14	0.0	-728.13	-2179.63
						120.0	-29.57	-8.74	12.14	0.0	0.0	0.0
153	50	0.0	3448.92	0.09	-180.28	0.0	-4.76	182.08	-28.74	0.0	3448.92	-1.075e+04
		-1.075e+04	0.0	0.12	0.0	60.0	-4.76	91.94	-28.74	0.0	1724.46	-2673.01
						120.0	-4.76	1.80	-28.74	0.0	0.0	0.0
153	51	0.0	0.0	-0.19	-180.28	0.0	4.76	178.48	28.74	0.0	-3448.92	-1.088e+04
		-1.088e+04	-3448.92	-0.12	0.0	60.0	4.76	88.34	28.74	0.0	-1724.46	-2735.41
						120.0	4.76	-1.80	28.74	0.0	0.0	0.0

153	54	0.0 -1.030e+04	307.40 0.0	0.55 -0.07	-180.28 0.0	0.0 60.0 120.0	-16.77 -16.77 -16.77	175.94 85.80 -4.34	-2.56 -2.56 -2.56	0.0 0.0 0.0	307.40-1.030e+04 153.70 -2443.80 0.0 0.0
153	55	0.0 -1.134e+04	0.0 -307.40	-0.65 0.06	-180.28 0.0	0.0 60.0 120.0	16.77 16.77 16.77	184.62 94.48 4.34	2.56 2.56 2.56	0.0 0.0 0.0	-307.40-1.134e+04 -153.70 -2964.62 0.0 0.0
153	57	0.0 -1.138e+04	840.72 0.0	-0.67 0.12	-180.28 0.0	0.0 60.0 120.0	15.91 15.91 15.91	184.98 94.84 4.70	-7.01 -7.01 -7.01	0.0 0.0 0.0	840.72-1.138e+04 420.36 -2986.45 0.0 0.0
153	64	0.0 -1.033e+04	202.41 0.0	0.53 -0.13	-180.28 0.0	0.0 60.0 120.0	-11.78 -11.78 -11.78	183.97 93.83 3.69	-1.69 -1.69 -1.69	0.0 0.0 0.0	202.41-1.033e+04 101.20 -2462.20 0.0 0.0
153	69	0.0 -8198.93	0.0 0.0	-0.04 -1.14e-03	-136.65 0.0	0.0 60.0 120.0	0.0 0.0 0.0	136.65 68.32 -2.96e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -8198.93 0.0 -2049.73 0.0 0.0
153	70	0.0 -1.693e+04	0.0 0.0	-0.08 -1.25e-03	-282.09 0.0	0.0 60.0 120.0	0.0 0.0 0.0	282.09 141.04 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0-1.693e+04 0.0 -4231.33 0.0 0.0
153	71	0.0 -8198.93	0.0 0.0	-0.04 -1.14e-03	-136.65 0.0	0.0 60.0 120.0	0.0 0.0 0.0	136.65 68.32 -2.96e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -8198.93 0.0 -2049.73 0.0 0.0
153	72	0.0 -1.256e+04	0.0 0.0	-0.06 -1.20e-03	-209.37 0.0	0.0 60.0 120.0	0.0 0.0 0.0	209.37 104.68 -1.74e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0-1.256e+04 0.0 -3140.53 0.0 0.0
153	73	0.0 -8198.93	0.0 0.0	-0.04 -1.14e-03	-136.65 0.0	0.0 60.0 120.0	0.0 0.0 0.0	136.65 68.32 -2.96e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -8198.93 0.0 -2049.73 0.0 0.0
153	74	0.0 -1.082e+04	0.0 0.0	-0.05 -1.17e-03	-180.28 0.0	0.0 60.0 120.0	0.0 0.0 0.0	180.28 90.14 -2.23e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0-1.082e+04 0.0 -2704.21 0.0 0.0
154	1	0.0 -1.066e+04	0.0 0.0	-0.06 -1.40e-03	-177.64 0.0	0.0 60.0 120.0	0.0 0.0 0.0	177.64 88.82 -3.85e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0-1.066e+04 0.0 -2664.65 0.0 0.0
154	2	0.0 -2.375e+04	0.0 0.0	-0.13 -1.58e-03	-395.80 0.0	0.0 60.0 120.0	0.0 0.0 0.0	395.80 197.90 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0-2.375e+04 0.0 -5937.05 0.0 0.0
154	18	0.0 -1.075e+04	5947.37 0.0	0.29 0.21	-180.28 0.0	0.0 60.0 120.0	-9.45 -9.45 -9.45	179.69 89.55 -0.59	-49.56 -49.56 -49.56	0.0 0.0 0.0	5947.37-1.075e+04 2973.69 -2668.56 0.0 0.0
154	19	0.0 -1.089e+04	0.0 -5947.37	-0.41 -0.22	-180.28 0.0	0.0 60.0 120.0	9.45 9.45 9.45	180.88 90.73 0.59	49.56 49.56 49.56	0.0 0.0 0.0	-5947.37-1.089e+04 -2973.69 -2739.87 0.0 0.0
154	22	16.69 -9873.82	425.49 0.0	1.09 -0.07	-180.28 0.0	0.0 60.0 120.0	-30.95 -30.95 -30.95	172.42 82.28 -7.86	-0.76 -0.76 -0.76	0.0 0.0 0.0	425.49 -9873.82 212.74 -2232.70 0.0 0.0
154	23	0.0 -1.176e+04	0.0 -425.49	-1.20 0.07	-180.28 0.0	0.0 60.0 120.0	30.95 30.95 30.95	188.14 98.00 7.86	0.76 0.76 0.76	0.0 0.0 0.0	-425.49-1.176e+04 -212.74 -3175.73 0.0 0.0
154	25	0.0 -1.185e+04	1568.29 0.0	-1.19 0.16	-180.28 0.0	0.0 60.0 120.0	29.69 29.69 29.69	188.93 98.79 8.65	-15.86 -15.86 -15.86	0.0 0.0 0.0	1568.29-1.185e+04 784.15 -3222.97 0.0 0.0
154	28	22.59 -9779.32	0.0 -1568.29	1.07 -0.17	-180.28 0.0	0.0 60.0 120.0	-29.69 -29.69 -29.69	171.63 81.49 -8.65	15.86 15.86 15.86	0.0 0.0 0.0	-1568.29 -9779.32 -784.15 -2185.45 0.0 0.0
154	50	0.0 -1.079e+04	3429.55 0.0	0.13 0.12	-180.28 0.0	0.0 60.0 120.0	-5.09 -5.09 -5.09	180.04 89.90 -0.24	-28.58 -28.58 -28.58	0.0 0.0 0.0	3429.55-1.079e+04 1714.77 -2689.82 0.0 0.0
154	51	0.0 -1.085e+04	0.0 -3429.55	-0.24 -0.13	-180.28 0.0	0.0 60.0 120.0	5.09 5.09 5.09	180.52 90.38 0.24	28.58 28.58 28.58	0.0 0.0 0.0	-3429.55-1.085e+04 -1714.77 -2718.61 0.0 0.0
154	54	0.0 -1.031e+04	244.37 0.0	0.55 -0.04	-180.28 0.0	0.0 60.0 120.0	-16.70 -16.70 -16.70	176.09 85.95 -4.19	-0.44 -0.44 -0.44	0.0 0.0 0.0	244.37-1.031e+04 122.19 -2452.56 0.0 0.0
154	55	0.0 -1.132e+04	0.0 -244.37	-0.66 0.04	-180.28 0.0	0.0 60.0 120.0	16.70 16.70 16.70	184.47 94.33 4.19	0.44 0.44 0.44	0.0 0.0 0.0	-244.37-1.132e+04 -122.19 -2955.86 0.0 0.0
154	57	0.0 -1.137e+04	905.14 0.0	-0.65 0.09	-180.28 0.0	0.0 60.0 120.0	15.98 15.98 15.98	184.93 94.79 4.65	-9.14 -9.14 -9.14	0.0 0.0 0.0	905.14-1.137e+04 452.57 -2982.92 0.0 0.0
154	68	0.0 -1.031e+04	0.0 -689.93	0.52 -0.16	-180.28 0.0	0.0 60.0 120.0	-13.23 -13.23 -13.23	176.04 85.90 -4.24	5.75 5.75 5.75	0.0 0.0 0.0	-689.93-1.031e+04 -344.96 -2449.60 0.0 0.0
154	69	0.0 -8198.93	0.0 0.0	-0.04 -1.07e-03	-136.65 0.0	0.0 60.0 120.0	0.0 0.0 0.0	136.65 68.32 -2.96e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -8198.93 0.0 -2049.73 0.0 0.0
154	70	0.0 -1.693e+04	0.0 0.0	-0.09 -1.20e-03	-282.09 0.0	0.0 60.0	0.0 0.0	282.09 141.04	0.0 0.0	0.0 0.0	0.0-1.693e+04 0.0 -4231.33

					120.0	0.0	0.0	0.0	0.0	0.0	0.0
154	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	-8198.93
		-8198.93	0.0	-1.07e-03	0.0	60.0	0.0	68.32	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0
154	72	0.0	0.0	-0.07	-209.37	0.0	0.0	209.37	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-1.13e-03	0.0	60.0	0.0	104.68	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0
154	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	-8198.93
		-8198.93	0.0	-1.07e-03	0.0	60.0	0.0	68.32	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0
154	74	0.0	0.0	-0.06	-180.28	0.0	0.0	180.28	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-1.11e-03	0.0	60.0	0.0	90.14	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0
155	1	0.0	0.0	-0.06	-177.64	0.0	0.0	177.64	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-1.09e-03	0.0	60.0	0.0	88.82	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0
155	2	0.0	0.0	-0.14	-395.80	0.0	0.0	395.80	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-1.26e-03	0.0	60.0	0.0	197.90	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0
155	18	0.0	5837.65	0.22	-180.28	0.0	-10.00	178.88	-48.65	0.0	5837.65-1.065e+04
		-1.065e+04	0.0	0.23	0.0	60.0	-10.00	88.74	-48.65	0.0	2918.82 -2620.04
						120.0	-10.00	-1.40	-48.65	0.0	0.0
155	19	0.0	0.0	-0.34	-180.28	0.0	10.00	181.68	48.65	0.0	-5837.65-1.099e+04
		-1.099e+04	-5837.65	-0.23	0.0	60.0	10.00	91.54	48.65	0.0	-2918.82 -2788.39
						120.0	10.00	1.40	48.65	0.0	0.0
155	22	15.58	0.0	1.05	-180.28	0.0	-29.97	172.57	-4.46	0.0	-8.96 -9891.53
		-9891.53	-8.96	0.05	0.0	60.0	-29.97	82.43	-4.46	0.0	-4.48 -2241.55
						120.0	-29.97	-7.71	-4.46	0.0	0.0
155	23	0.0	8.96	-1.17	-180.28	0.0	29.97	187.99	4.46	0.0	8.96-1.174e+04
		-1.174e+04	0.0	-0.06	0.0	60.0	29.97	97.85	4.46	0.0	4.48 -3166.87
						120.0	29.97	7.71	4.46	0.0	0.0
155	25	0.0	1989.03	-1.20	-180.28	0.0	28.93	188.45	-12.04	0.0	1989.03-1.180e+04
		-1.180e+04	0.0	0.04	0.0	60.0	28.93	98.31	-12.04	0.0	994.51 -3194.47
						120.0	28.93	8.17	-12.04	0.0	0.0
155	28	19.03	0.0	1.08	-180.28	0.0	-28.93	172.11	12.04	0.0	-1989.03 -9836.33
		-9836.33	-1989.03	-0.04	0.0	60.0	-28.93	81.97	12.04	0.0	-994.51 -2213.95
						120.0	-28.93	-8.17	12.04	0.0	0.0
155	50	0.0	3366.33	0.09	-180.28	0.0	-5.41	179.57	-28.05	0.0	3366.33-1.073e+04
		-1.073e+04	0.0	0.13	0.0	60.0	-5.41	89.43	-28.05	0.0	1683.16 -2661.76
						120.0	-5.41	-0.71	-28.05	0.0	0.0
155	51	0.0	0.0	-0.21	-180.28	0.0	5.41	180.99	28.05	0.0	-3366.33-1.090e+04
		-1.090e+04	-3366.33	-0.13	0.0	60.0	5.41	90.85	28.05	0.0	-1683.16 -2746.67
						120.0	5.41	0.71	28.05	0.0	0.0
155	54	0.0	0.0	0.53	-180.28	0.0	-16.15	176.18	-2.56	0.0	-4.86-1.032e+04
		-1.032e+04	-4.86	0.03	0.0	60.0	-16.15	86.04	-2.56	0.0	-2.43 -2457.92
						120.0	-16.15	-4.10	-2.56	0.0	0.0
155	55	0.0	4.86	-0.65	-180.28	0.0	16.15	184.39	2.56	0.0	4.86-1.131e+04
		-1.131e+04	0.0	-0.03	0.0	60.0	16.15	94.25	2.56	0.0	2.43 -2950.50
						120.0	16.15	4.10	2.56	0.0	0.0
155	57	0.0	1146.43	-0.66	-180.28	0.0	15.55	184.65	-6.95	0.0	1146.43-1.134e+04
		-1.134e+04	0.0	0.02	0.0	60.0	15.55	94.51	-6.95	0.0	573.22 -2966.32
						120.0	15.55	4.37	-6.95	0.0	0.0
155	59	0.0	0.0	-0.64	-180.28	0.0	16.14	184.34	9.55	0.0	-834.06-1.130e+04
		-1.130e+04	-834.06	-0.07	0.0	60.0	16.14	94.20	9.55	0.0	-417.03 -2947.94
						120.0	16.14	4.06	9.55	0.0	0.0
155	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	-8198.93
		-8198.93	0.0	-8.38e-04	0.0	60.0	0.0	68.32	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0
155	70	0.0	0.0	-0.10	-282.09	0.0	0.0	282.09	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-9.49e-04	0.0	60.0	0.0	141.04	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0
155	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	-8198.93
		-8198.93	0.0	-8.38e-04	0.0	60.0	0.0	68.32	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0
155	72	0.0	0.0	-0.07	-209.37	0.0	0.0	209.37	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-8.93e-04	0.0	60.0	0.0	104.68	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0
155	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	-8198.93
		-8198.93	0.0	-8.38e-04	0.0	60.0	0.0	68.32	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0
155	74	0.0	0.0	-0.06	-180.28	0.0	0.0	180.28	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-8.71e-04	0.0	60.0	0.0	90.14	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0
156	1	0.0	0.0	-0.06	-177.64	0.0	0.0	177.64	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-5.62e-04	0.0	60.0	0.0	88.82	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0
156	2	0.0	0.0	-0.14	-395.80	0.0	0.0	395.80	0.0	0.0	-2.375e+04

		-2.375e+04	0.0	-6.85e-04	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
156	13	0.0	5971.40	-0.41	-180.28	0.0	6.63	177.30	-49.76	0.0	5971.40	-1.062e+04
		-1.062e+04	0.0	0.24	0.0	60.0	6.63	87.16	-49.76	0.0	2985.70	-2606.83
						120.0	6.63	-2.98	-49.76	0.0	0.0	0.0
156	16	0.0	0.0	0.29	-180.28	0.0	-6.63	183.26	49.76	0.0	-5971.40	-1.101e+04
		-1.101e+04	-5971.40	-0.24	0.0	60.0	-6.63	93.12	49.76	0.0	-2985.70	-2801.59
						120.0	-6.63	2.98	49.76	0.0	0.0	0.0
156	30	15.77	467.40	1.06	-180.28	0.0	-29.68	172.54	-3.90	0.0	467.40	-9888.40
		-9888.40	0.0	0.01	0.0	60.0	-29.68	82.40	-3.90	0.0	233.70	-2239.99
						120.0	-29.68	-7.74	-3.90	0.0	0.0	0.0
156	31	0.0	0.0	-1.18	-180.28	0.0	29.68	188.02	3.90	0.0	-467.40	-1.175e+04
		-1.175e+04	-467.40	-0.01	0.0	60.0	29.68	97.88	3.90	0.0	-233.70	-3168.44
						120.0	29.68	7.74	3.90	0.0	0.0	0.0
156	33	0.0	1544.19	-1.19	-180.28	0.0	28.63	187.90	-12.87	0.0	1544.19	-1.178e+04
		-1.178e+04	0.0	0.08	0.0	60.0	28.63	97.76	-12.87	0.0	772.10	-3185.91
						120.0	28.63	7.62	-12.87	0.0	0.0	0.0
156	36	17.96	0.0	1.07	-180.28	0.0	-28.63	172.66	12.87	0.0	-1544.19	-9853.46
		-9853.46	-1544.19	-0.08	0.0	60.0	-28.63	82.52	12.87	0.0	-772.10	-2222.52
						120.0	-28.63	-7.62	12.87	0.0	0.0	0.0
156	45	0.0	3443.23	-0.25	-180.28	0.0	3.50	178.67	-28.69	0.0	3443.23	-1.072e+04
		-1.072e+04	0.0	0.14	0.0	60.0	3.50	88.53	-28.69	0.0	1721.61	-2654.08
						120.0	3.50	-1.61	-28.69	0.0	0.0	0.0
156	48	0.0	0.0	0.12	-180.28	0.0	-3.50	181.89	28.69	0.0	-3443.23	-1.092e+04
		-1.092e+04	-3443.23	-0.14	0.0	60.0	-3.50	91.75	28.69	0.0	-1721.61	-2754.34
						120.0	-3.50	1.61	28.69	0.0	0.0	0.0
156	60	0.0	0.0	0.53	-180.28	0.0	-14.60	184.48	10.74	0.0	-1289.32	-1.129e+04
		-1.129e+04	-1289.32	0.02	0.0	60.0	-14.60	94.34	10.74	0.0	-644.66	-2941.97
						120.0	-14.60	4.20	10.74	0.0	0.0	0.0
156	62	0.0	268.60	0.53	-180.28	0.0	-15.98	176.16	-2.24	0.0	268.60	-1.032e+04
		-1.032e+04	0.0	6.49e-03	0.0	60.0	-15.98	86.02	-2.24	0.0	134.30	-2456.92
						120.0	-15.98	-4.12	-2.24	0.0	0.0	0.0
156	63	0.0	0.0	-0.65	-180.28	0.0	15.98	184.40	2.24	0.0	-268.60	-1.131e+04
		-1.131e+04	-268.60	-7.41e-03	0.0	60.0	15.98	94.26	2.24	0.0	-134.30	-2951.50
						120.0	15.98	4.12	2.24	0.0	0.0	0.0
156	65	0.0	891.16	-0.65	-180.28	0.0	15.38	184.33	-7.43	0.0	891.16	-1.133e+04
		-1.133e+04	0.0	0.05	0.0	60.0	15.38	94.19	-7.43	0.0	445.58	-2961.41
						120.0	15.38	4.05	-7.43	0.0	0.0	0.0
156	69	0.0	0.0	-0.05	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-4.33e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
156	70	0.0	0.0	-0.10	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-5.14e-04	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
156	71	0.0	0.0	-0.05	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-4.33e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
156	72	0.0	0.0	-0.07	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-4.73e-04	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
156	73	0.0	0.0	-0.05	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-4.33e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
156	74	0.0	0.0	-0.06	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-4.57e-04	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
157	1	0.0	0.0	-0.06	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	1.85e-04	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
157	2	0.0	0.0	-0.13	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	1.35e-04	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
157	4	0.0	0.0	-0.12	-354.81	0.0	0.0	354.81	0.0	0.0	0.0	-2.129e+04
		-2.129e+04	0.0	9.18e-05	0.0	60.0	0.0	177.40	0.0	0.0	0.0	-5322.13
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
157	13	0.0	6057.40	-0.40	-180.28	0.0	5.86	179.46	-50.48	0.0	6057.40	-1.126e+04
		-1.126e+04	0.0	0.22	0.0	60.0	5.86	89.32	-50.48	0.0	3028.70	-2923.72
						120.0	5.86	-0.82	-50.48	0.0	0.0	0.0
157	16	0.0	0.0	0.28	-180.28	0.0	-5.86	181.10	50.48	0.0	-6057.40	-1.038e+04
		-1.038e+04	-6057.40	-0.22	0.0	60.0	-5.86	90.96	50.48	0.0	-3028.70	-2484.70
						120.0	-5.86	0.82	50.48	0.0	0.0	0.0
157	30	16.95	16.00	1.07	-180.28	0.0	-30.67	172.39	-4.22	0.0	16.00	-9869.61
		-9869.61	0.0	0.07	0.0	60.0	-30.67	82.25	-4.22	0.0	8.00	-2230.59
						120.0	-30.67	-7.89	-4.22	0.0	0.0	0.0
157	31	0.0	0.0	-1.18	-180.28	0.0	30.67	188.17	4.22	0.0	-16.00	-1.176e+04
		-1.176e+04	-16.00	-0.07	0.0	60.0	30.67	98.03	4.22	0.0	-8.00	-3177.83
						120.0	30.67	7.89	4.22	0.0	0.0	0.0

157	33	0.0	2003.11	-1.19	-180.28	0.0	29.36	188.75	-12.61	0.0	2003.11	-1.183e+04
		-1.183e+04	0.0	0.02	0.0	60.0	29.36	98.61	-12.61	0.0	1001.55	-3212.31
						120.0	29.36	8.47	-12.61	0.0	0.0	0.0
157	36	21.26	0.0	1.08	-180.28	0.0	-29.36	171.81	12.61	0.0	-2003.11	-9800.65
		-9800.65	-2003.11	-0.02	0.0	60.0	-29.36	81.67	12.61	0.0	-1001.55	-2196.11
						120.0	-29.36	-8.47	12.61	0.0	0.0	0.0
157	45	0.0	3492.72	-0.24	-180.28	0.0	3.06	179.91	-29.11	0.0	3492.72	-1.106e+04
		-1.106e+04	0.0	0.13	0.0	60.0	3.06	89.77	-29.11	0.0	1746.36	-2824.42
						120.0	3.06	-0.37	-29.11	0.0	0.0	0.0
157	48	0.0	0.0	0.12	-180.28	0.0	-3.06	180.65	29.11	0.0	-3492.72	-1.058e+04
		-1.058e+04	-3492.72	-0.13	0.0	60.0	-3.06	90.51	29.11	0.0	-1746.36	-2584.01
						120.0	-3.06	0.37	29.11	0.0	0.0	0.0
157	54	0.0	0.0	0.52	-180.28	0.0	-14.05	184.32	1.89	0.0	-227.20	-1.035e+04
		-1.035e+04	-227.20	0.11	0.0	60.0	-14.05	94.18	1.89	0.0	-113.60	-2471.64
						120.0	-14.05	4.04	1.89	0.0	0.0	0.0
157	62	0.0	10.90	0.54	-180.28	0.0	-16.54	176.06	-2.41	0.0	10.90	-1.031e+04
		-1.031e+04	0.0	0.04	0.0	60.0	-16.54	85.92	-2.41	0.0	5.45	-2451.06
						120.0	-16.54	-4.22	-2.41	0.0	0.0	0.0
157	63	0.0	0.0	-0.65	-180.28	0.0	16.54	184.50	2.41	0.0	-10.90	-1.132e+04
		-1.132e+04	-10.90	-0.04	0.0	60.0	16.54	94.36	2.41	0.0	-5.45	-2957.36
						120.0	16.54	4.22	2.41	0.0	0.0	0.0
157	65	0.0	1153.25	-0.66	-180.28	0.0	15.80	184.83	-7.29	0.0	1153.25	-1.136e+04
		-1.136e+04	0.0	0.02	0.0	60.0	15.80	94.69	-7.29	0.0	576.63	-2976.96
						120.0	15.80	4.55	-7.29	0.0	0.0	0.0
157	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	1.42e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
157	70	0.0	0.0	-0.09	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	1.09e-04	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
157	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	1.42e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
157	72	0.0	0.0	-0.07	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	1.26e-04	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
157	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	1.42e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
157	74	0.0	0.0	-0.06	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	1.32e-04	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
158	1	0.0	0.0	-0.05	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	1.15e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
158	2	0.0	0.0	-0.12	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	1.20e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
158	4	0.0	0.0	-0.11	-354.81	0.0	0.0	354.81	0.0	0.0	0.0	-2.129e+04
		-2.129e+04	0.0	9.36e-04	0.0	60.0	0.0	177.40	0.0	0.0	0.0	-5322.13
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
158	13	0.0	6138.61	-0.40	-180.28	0.0	4.83	183.46	-51.16	0.0	6138.61	-1.120e+04
		-1.120e+04	0.0	0.21	0.0	60.0	4.83	93.32	-51.16	0.0	3069.30	-2895.19
						120.0	4.83	3.18	-51.16	0.0	0.0	0.0
158	16	0.0	0.0	0.29	-180.28	0.0	-4.83	177.10	51.16	0.0	-6138.61	-1.043e+04
		-1.043e+04	-6138.61	-0.21	0.0	60.0	-4.83	86.96	51.16	0.0	-3069.30	-2513.24
						120.0	-4.83	-3.18	51.16	0.0	0.0	0.0
158	30	18.21	0.0	1.08	-180.28	0.0	-30.91	171.69	-5.41	0.0	-141.62	-9849.43
		-9849.43	-141.62	0.12	0.0	60.0	-30.91	81.55	-5.41	0.0	-70.81	-2220.50
						120.0	-30.91	-8.59	-5.41	0.0	0.0	0.0
158	31	0.0	141.62	-1.18	-180.28	0.0	30.91	188.88	5.41	0.0	141.62	-1.178e+04
		-1.178e+04	0.0	-0.12	0.0	60.0	30.91	98.73	5.41	0.0	70.81	-3187.92
						120.0	30.91	8.59	5.41	0.0	0.0	0.0
158	33	0.0	2172.49	-1.20	-180.28	0.0	29.20	188.91	-11.51	0.0	2172.49	-1.185e+04
		-1.185e+04	0.0	-0.03	0.0	60.0	29.20	98.77	-11.51	0.0	1086.24	-3221.80
						120.0	29.20	8.63	-11.51	0.0	0.0	0.0
158	36	22.44	0.0	1.09	-180.28	0.0	-29.20	171.65	11.51	0.0	-2172.49	-9781.68
		-9781.68	-2172.49	0.04	0.0	60.0	-29.20	81.51	11.51	0.0	-1086.24	-2186.63
						120.0	-29.20	-8.63	11.51	0.0	0.0	0.0
158	45	0.0	3539.55	-0.23	-180.28	0.0	2.47	182.01	-29.50	0.0	3539.55	-1.102e+04
		-1.102e+04	0.0	0.12	0.0	60.0	2.47	91.87	-29.50	0.0	1769.77	-2807.85
						120.0	2.47	1.73	-29.50	0.0	0.0	0.0
158	48	0.0	0.0	0.13	-180.28	0.0	-2.47	178.55	29.50	0.0	-3539.55	-1.061e+04
		-1.061e+04	-3539.55	-0.12	0.0	60.0	-2.47	88.41	29.50	0.0	-1769.77	-2600.57
						120.0	-2.47	-1.73	29.50	0.0	0.0	0.0
158	57	0.0	1437.72	-0.63	-180.28	0.0	11.96	184.31	-11.98	0.0	1437.72	-1.130e+04
		-1.130e+04	0.0	-0.07	0.0	60.0	11.96	94.17	-11.98	0.0	718.86	-2946.01

					120.0	11.96	4.03	-11.98	0.0	0.0	0.0
158	62	0.0	0.0	0.54	-180.28	0.0	-16.67	175.66	-3.10	0.0	-79.89 -1.030e+04
		-1.030e+04	-79.89	0.06	0.0	60.0	-16.67	85.52	-3.10	0.0	-39.94 -2444.88
						120.0	-16.67	-4.62	-3.10	0.0	0.0 0.0
158	63	0.0	79.89	-0.65	-180.28	0.0	16.67	184.90	3.10	0.0	79.89 -1.134e+04
		-1.134e+04	0.0	-0.06	0.0	60.0	16.67	94.76	3.10	0.0	39.94 -2963.54
						120.0	16.67	4.62	3.10	0.0	0.0 0.0
158	65	0.0	1250.90	-0.66	-180.28	0.0	15.70	184.92	-6.65	0.0	1250.90 -1.137e+04
		-1.137e+04	0.0	-0.02	0.0	60.0	15.70	94.78	-6.65	0.0	625.45 -2982.73
						120.0	15.70	4.64	-6.65	0.0	0.0 0.0
158	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	8.87e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0 0.0
158	70	0.0	0.0	-0.08	-282.09	0.0	0.0	282.09	0.0	0.0	0.0 -1.693e+04
		-1.693e+04	0.0	9.20e-04	0.0	60.0	0.0	141.04	0.0	0.0	0.0 -4231.33
						120.0	0.0	0.0	0.0	0.0	0.0 0.0
158	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	8.87e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0 0.0
158	72	0.0	0.0	-0.06	-209.37	0.0	0.0	209.37	0.0	0.0	0.0 -1.256e+04
		-1.256e+04	0.0	9.03e-04	0.0	60.0	0.0	104.68	0.0	0.0	0.0 -3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0 0.0
158	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	8.87e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0 0.0
158	74	0.0	0.0	-0.05	-180.28	0.0	0.0	180.28	0.0	0.0	0.0 -1.082e+04
		-1.082e+04	0.0	8.97e-04	0.0	60.0	0.0	90.14	0.0	0.0	0.0 -2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0 0.0
159	1	0.0	0.0	-0.05	-177.64	0.0	0.0	177.64	0.0	0.0	0.0 -1.066e+04
		-1.066e+04	0.0	2.41e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0 -2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0 0.0
159	2	0.0	0.0	-0.12	-395.80	0.0	0.0	395.80	0.0	0.0	0.0 -2.375e+04
		-2.375e+04	0.0	2.57e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0 -5937.05
						120.0	0.0	0.0	0.0	0.0	0.0 0.0
159	4	0.0	0.0	-0.11	-354.81	0.0	0.0	354.81	0.0	0.0	0.0 -2.129e+04
		-2.129e+04	0.0	2.01e-03	0.0	60.0	0.0	177.40	0.0	0.0	0.0 -5322.13
						120.0	0.0	0.0	0.0	0.0	0.0 0.0
159	13	0.0	6174.92	-0.44	-180.28	0.0	3.52	179.55	-51.46	0.0	6174.92 -1.122e+04
		-1.122e+04	0.0	0.20	0.0	60.0	3.52	89.41	-51.46	0.0	3087.46 -2907.91
						120.0	3.52	-0.73	-51.46	0.0	0.0 0.0
159	16	0.0	0.0	0.33	-180.28	0.0	-3.52	181.01	51.46	0.0	-6174.92 -1.041e+04
		-1.041e+04	-6174.92	-0.20	0.0	60.0	-3.52	90.87	51.46	0.0	-3087.46 -2500.51
						120.0	-3.52	0.73	51.46	0.0	0.0 0.0
159	29	0.0	776.12	-1.18	-180.28	0.0	27.86	172.75	-6.47	0.0	776.12 -1.183e+04
		-1.183e+04	0.0	-0.15	0.0	60.0	27.86	82.61	-6.47	0.0	388.06 -3211.44
						120.0	27.86	-7.53	-6.47	0.0	0.0 0.0
159	30	14.21	0.0	1.03	-180.28	0.0	-30.62	188.73	2.48	0.0	-297.28 -9913.51
		-9913.51	-297.28	0.16	0.0	60.0	-30.62	98.59	2.48	0.0	-148.64 -2252.54
						120.0	-30.62	8.45	2.48	0.0	0.0 0.0
159	31	0.0	297.28	-1.14	-180.28	0.0	30.62	171.83	-2.48	0.0	297.28 -1.172e+04
		-1.172e+04	0.0	-0.16	0.0	60.0	30.62	81.69	-2.48	0.0	148.64 -3155.88
						120.0	30.62	-8.45	-2.48	0.0	0.0 0.0
159	32	21.15	0.0	1.07	-180.28	0.0	-27.86	187.81	6.47	0.0	-776.12 -9802.40
		-9802.40	-776.12	0.15	0.0	60.0	-27.86	97.67	6.47	0.0	-388.06 -2196.99
						120.0	-27.86	7.53	6.47	0.0	0.0 0.0
159	45	0.0	3560.44	-0.26	-180.28	0.0	1.72	179.96	-29.67	0.0	3560.44 -1.104e+04
		-1.104e+04	0.0	0.12	0.0	60.0	1.72	89.82	-29.67	0.0	1780.22 -2815.58
						120.0	1.72	-0.32	-29.67	0.0	0.0 0.0
159	48	0.0	0.0	0.15	-180.28	0.0	-1.72	180.60	29.67	0.0	-3560.44 -1.059e+04
		-1.059e+04	-3560.44	-0.12	0.0	60.0	-1.72	90.46	29.67	0.0	-1780.22 -2592.84
						120.0	-1.72	0.32	29.67	0.0	0.0 0.0
159	56	0.0	0.0	0.50	-180.28	0.0	-10.53	183.65	4.80	0.0	-575.80 -1.035e+04
		-1.035e+04	-575.80	0.13	0.0	60.0	-10.53	93.51	4.80	0.0	-287.90 -2470.54
						120.0	-10.53	3.37	4.80	0.0	0.0 0.0
159	61	0.0	445.41	-0.65	-180.28	0.0	14.93	176.26	-3.71	0.0	445.41 -1.136e+04
		-1.136e+04	0.0	-0.08	0.0	60.0	14.93	86.12	-3.71	0.0	222.70 -2976.95
						120.0	14.93	-4.02	-3.71	0.0	0.0 0.0
159	62	0.0	0.0	0.52	-180.28	0.0	-16.49	184.83	1.41	0.0	-169.53 -1.033e+04
		-1.033e+04	-169.53	0.09	0.0	60.0	-16.49	94.69	1.41	0.0	-84.77 -2463.17
						120.0	-16.49	4.55	1.41	0.0	0.0 0.0
159	63	0.0	169.53	-0.62	-180.28	0.0	16.49	175.74	-1.41	0.0	169.53 -1.130e+04
		-1.130e+04	0.0	-0.08	0.0	60.0	16.49	85.59	-1.41	0.0	84.77 -2945.25
						120.0	16.49	-4.55	-1.41	0.0	0.0 0.0
159	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	1.85e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0 0.0
159	70	0.0	0.0	-0.09	-282.09	0.0	0.0	282.09	0.0	0.0	0.0 -1.693e+04

		-1.693e+04	0.0	1.96e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
159	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	1.85e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
159	72	0.0	0.0	-0.06	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	1.91e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
159	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	1.85e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
159	74	0.0	0.0	-0.05	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	1.89e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
160	1	0.0	0.0	-0.06	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	3.31e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
160	2	0.0	0.0	-0.13	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	3.53e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
160	13	0.0	6165.27	-0.32	-180.28	0.0	1.98	183.70	-51.38	0.0	6165.27	-1.123e+04
		-1.123e+04	0.0	0.19	0.0	60.0	1.98	93.56	-51.38	0.0	3082.64	-2909.56
						120.0	1.98	3.42	-51.38	0.0	0.0	0.0
160	16	0.0	0.0	0.20	-180.28	0.0	-1.98	176.86	51.38	0.0	-6165.27	-1.041e+04
		-1.041e+04	-6165.27	-0.18	0.0	60.0	-1.98	86.72	51.38	0.0	-3082.64	-2498.86
						120.0	-1.98	-3.42	51.38	0.0	0.0	0.0
160	29	0.0	964.60	-1.12	-180.28	0.0	26.26	188.07	4.06	0.0	964.60	-1.175e+04
		-1.175e+04	0.0	-0.22	0.0	60.0	26.26	97.93	4.06	0.0	482.30	-3171.78
						120.0	26.26	7.79	4.06	0.0	0.0	0.0
160	30	8.41	0.0	0.95	-180.28	0.0	-29.70	173.53	-8.04	0.0	-486.79	-1.001e+04
		-1.001e+04	-486.79	0.23	0.0	60.0	-29.70	83.39	-8.04	0.0	-243.39	-2298.92
						120.0	-29.70	-6.75	-8.04	0.0	0.0	0.0
160	31	0.0	486.79	-1.07	-180.28	0.0	29.70	187.04	8.04	0.0	486.79	-1.163e+04
		-1.163e+04	0.0	-0.22	0.0	60.0	29.70	96.90	8.04	0.0	243.39	-3109.51
						120.0	29.70	6.75	8.04	0.0	0.0	0.0
160	32	16.19	0.0	1.00	-180.28	0.0	-26.26	172.49	-4.06	0.0	-964.60	-9881.71
		-9881.71	-964.60	0.22	0.0	60.0	-26.26	82.35	-4.06	0.0	-482.30	-2236.64
						120.0	-26.26	-7.79	-4.06	0.0	0.0	0.0
160	45	0.0	3554.67	-0.19	-180.28	0.0	0.85	182.16	-29.62	0.0	3554.67	-1.104e+04
		-1.104e+04	0.0	0.11	0.0	60.0	0.85	92.02	-29.62	0.0	1777.34	-2816.98
						120.0	0.85	1.88	-29.62	0.0	0.0	0.0
160	48	0.0	0.0	0.08	-180.28	0.0	-0.85	178.40	29.62	0.0	-3554.67	-1.059e+04
		-1.059e+04	-3554.67	-0.11	0.0	60.0	-0.85	88.26	29.62	0.0	-1777.34	-2591.45
						120.0	-0.85	-1.88	29.62	0.0	0.0	0.0
160	61	0.0	553.62	-0.62	-180.28	0.0	13.99	184.45	2.32	0.0	553.62	-1.132e+04
		-1.132e+04	0.0	-0.11	0.0	60.0	13.99	94.31	2.32	0.0	276.81	-2954.34
						120.0	13.99	4.17	2.32	0.0	0.0	0.0
160	62	0.0	0.0	0.47	-180.28	0.0	-15.95	176.70	-4.61	0.0	-278.25	-1.039e+04
		-1.039e+04	-278.25	0.12	0.0	60.0	-15.95	86.56	-4.61	0.0	-139.12	-2489.64
						120.0	-15.95	-3.58	-4.61	0.0	0.0	0.0
160	63	0.0	278.25	-0.59	-180.28	0.0	15.95	183.86	4.61	0.0	278.25	-1.125e+04
		-1.125e+04	0.0	-0.12	0.0	60.0	15.95	93.72	4.61	0.0	139.12	-2918.78
						120.0	15.95	3.58	4.61	0.0	0.0	0.0
160	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	2.55e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
160	70	0.0	0.0	-0.09	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	2.69e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
160	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	2.55e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
160	72	0.0	0.0	-0.07	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	2.62e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
160	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	2.55e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
160	74	0.0	0.0	-0.06	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	2.59e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
161	1	0.0	0.0	-0.06	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	3.68e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
161	2	0.0	0.0	-0.14	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	3.91e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0

161	17	0.0 -1.118e+04	6107.33 0.0	-0.40 0.18	-180.28 0.0	0.0 60.0 120.0	2.76 2.76 2.76	183.31 93.17 3.03	-46.37 -46.37 -46.37	0.0 0.0 0.0	6107.33 -1.118e+04 3053.67 -2886.09 0.0 0.0
161	20	0.0 -1.045e+04	0.0 -6107.33	0.28 -0.17	-180.28 0.0	0.0 60.0 120.0	-2.76 -2.76 -2.76	177.25 87.11 -3.03	46.37 46.37 46.37	0.0 0.0 0.0	-6107.33 -1.045e+04 -3053.67 -2522.34 0.0 0.0
161	29	0.0 -1.167e+04	1154.50 0.0	-1.05 -0.29	-180.28 0.0	0.0 60.0 120.0	24.09 24.09 24.09	186.42 96.28 6.13	5.46 5.46 5.46	0.0 0.0 0.0	1154.50 -1.167e+04 577.25 -3130.88 0.0 0.0
161	30	3.76 -1.008e+04	0.0 -655.27	0.89 0.31	-180.28 0.0	0.0 60.0 120.0	-28.09 -28.09 -28.09	173.17 83.03 -7.11	-9.62 -9.62 -9.62	0.0 0.0 0.0	-655.27 -1.008e+04 -327.64 -2336.13 0.0 0.0
161	31	0.0 -1.155e+04	655.27 0.0	-1.01 -0.30	-180.28 0.0	0.0 60.0 120.0	28.09 28.09 28.09	187.39 97.25 7.11	9.62 9.62 9.62	0.0 0.0 0.0	655.27 -1.155e+04 327.64 -3072.30 0.0 0.0
161	32	11.08 -9963.51	0.0 -1154.50	0.93 0.30	-180.28 0.0	0.0 60.0 120.0	-24.09 -24.09 -24.09	174.15 84.01 -6.13	-5.46 -5.46 -5.46	0.0 0.0 0.0	-1154.50 -9963.51 -577.25 -2277.54 0.0 0.0
161	49	0.0 -1.102e+04	3521.21 0.0	-0.24 0.11	-180.28 0.0	0.0 60.0 120.0	1.24 1.24 1.24	181.93 91.79 1.65	-26.75 -26.75 -26.75	0.0 0.0 0.0	3521.21 -1.102e+04 1760.60 -2803.35 0.0 0.0
161	52	0.0 -1.062e+04	0.0 -3521.21	0.12 -0.10	-180.28 0.0	0.0 60.0 120.0	-1.24 -1.24 -1.24	178.63 88.49 -1.65	26.75 26.75 26.75	0.0 0.0 0.0	-3521.21 -1.062e+04 -1760.60 -2605.07 0.0 0.0
161	54	0.0 -1.124e+04	0.0 -297.46	0.39 0.18	-180.28 0.0	0.0 60.0 120.0	-11.27 -11.27 -11.27	183.26 93.12 2.98	2.48 2.48 2.48	0.0 0.0 0.0	-297.46 -1.124e+04 -148.73 -2916.23 0.0 0.0
161	61	0.0 -1.127e+04	662.44 0.0	-0.58 -0.15	-180.28 0.0	0.0 60.0 120.0	12.73 12.73 12.73	183.51 93.37 3.23	3.12 3.12 3.12	0.0 0.0 0.0	662.44 -1.127e+04 331.22 -2931.10 0.0 0.0
161	62	0.0 -1.043e+04	0.0 -374.61	0.44 0.17	-180.28 0.0	0.0 60.0 120.0	-15.01 -15.01 -15.01	176.50 86.36 -3.78	-5.52 -5.52 -5.52	0.0 0.0 0.0	-374.61 -1.043e+04 -187.31 -2510.59 0.0 0.0
161	63	0.0 -1.120e+04	374.61 0.0	-0.56 -0.16	-180.28 0.0	0.0 60.0 120.0	15.01 15.01 15.01	184.06 93.92 3.78	5.52 5.52 5.52	0.0 0.0 0.0	374.61 -1.120e+04 187.31 -2897.83 0.0 0.0
161	69	0.0 -8198.93	0.0 0.0	-0.05 2.83e-03	-136.65 0.0	0.0 60.0 120.0	0.0 0.0 0.0	136.65 68.32 -2.96e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -8198.93 0.0 -2049.73 0.0 0.0
161	70	0.0 -1.693e+04	0.0 0.0	-0.10 2.99e-03	-282.09 0.0	0.0 60.0 120.0	0.0 0.0 0.0	282.09 141.04 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -1.693e+04 0.0 -4231.33 0.0 0.0
161	71	0.0 -8198.93	0.0 0.0	-0.05 2.83e-03	-136.65 0.0	0.0 60.0 120.0	0.0 0.0 0.0	136.65 68.32 -2.96e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -8198.93 0.0 -2049.73 0.0 0.0
161	72	0.0 -1.256e+04	0.0 0.0	-0.07 2.91e-03	-209.37 0.0	0.0 60.0 120.0	0.0 0.0 0.0	209.37 104.68 -1.74e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -1.256e+04 0.0 -3140.53 0.0 0.0
161	73	0.0 -8198.93	0.0 0.0	-0.05 2.83e-03	-136.65 0.0	0.0 60.0 120.0	0.0 0.0 0.0	136.65 68.32 -2.96e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -8198.93 0.0 -2049.73 0.0 0.0
161	74	0.0 -1.082e+04	0.0 0.0	-0.06 2.88e-03	-180.28 0.0	0.0 60.0 120.0	0.0 0.0 0.0	180.28 90.14 -2.23e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -1.082e+04 0.0 -2704.21 0.0 0.0
162	1	0.0 -1.066e+04	0.0 0.0	-0.06 3.52e-03	-177.64 0.0	0.0 60.0 120.0	0.0 0.0 0.0	177.64 88.82 -3.85e-06	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -1.066e+04 0.0 -2664.65 0.0 0.0
162	2	0.0 -2.375e+04	0.0 0.0	-0.13 3.72e-03	-395.80 0.0	0.0 60.0 120.0	0.0 0.0 0.0	395.80 197.90 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2.375e+04 0.0 -5937.05 0.0 0.0
162	17	0.0 -1.086e+04	6012.82 0.0	-0.35 0.16	-180.28 0.0	0.0 60.0 120.0	1.52 1.52 1.52	180.65 90.50 0.36	-50.11 -50.11 -50.11	0.0 0.0 0.0	6012.82 -1.086e+04 3006.41 -2726.06 0.0 0.0
162	20	0.0 -1.077e+04	0.0 -6012.82	0.23 -0.15	-180.28 0.0	0.0 60.0 120.0	-1.52 -1.52 -1.52	179.92 89.78 -0.36	50.11 50.11 50.11	0.0 0.0 0.0	-6012.82 -1.077e+04 -3006.41 -2682.36 0.0 0.0
162	29	0.0 -1.161e+04	1302.48 0.0	-0.98 -0.35	-180.28 0.0	0.0 60.0 120.0	21.76 21.76 21.76	186.87 96.73 6.59	-10.85 -10.85 -10.85	0.0 0.0 0.0	1302.48 -1.161e+04 651.24 -3099.52 0.0 0.0
162	30	0.13 -1.014e+04	0.0 -766.39	0.82 0.38	-180.28 0.0	0.0 60.0 120.0	-26.07 -26.07 -26.07	174.63 84.49 -5.65	6.39 6.39 6.39	0.0 0.0 0.0	-766.39 -1.014e+04 -383.20 -2365.17 0.0 0.0
162	31	0.0 -1.149e+04	766.39 0.0	-0.94 -0.37	-180.28 0.0	0.0 60.0 120.0	26.07 26.07 26.07	185.93 95.79 5.65	-6.39 -6.39 -6.39	0.0 0.0 0.0	766.39 -1.149e+04 383.20 -3043.25 0.0 0.0
162	32	7.16 -1.003e+04	0.0 -1302.48	0.86 0.36	-180.28 0.0	0.0 60.0	-21.76 -21.76	173.69 83.55	10.85 10.85	0.0 0.0	-1302.48 -1.003e+04 -651.24 -2308.90

					120.0	-21.76	-6.59	10.85	0.0	0.0	0.0
162	49	0.0	3466.53	-0.22	-180.28	0.0	0.53	180.40	-28.89	0.0	3466.53-1.083e+04
		-1.083e+04	0.0	0.10	0.0	60.0	0.53	90.26	-28.89	0.0	1733.26 -2711.55
						120.0	0.53	0.12	-28.89	0.0	0.0 0.0
162	52	0.0	0.0	0.09	-180.28	0.0	-0.53	180.16	28.89	0.0	-3466.53-1.080e+04
		-1.080e+04	-3466.53	-0.09	0.0	60.0	-0.53	90.02	28.89	0.0	-1733.26 -2696.88
						120.0	-0.53	-0.12	28.89	0.0	0.0 0.0
162	53	0.0	549.87	-0.50	-180.28	0.0	8.71	183.80	2.01	0.0	549.87-1.124e+04
		-1.124e+04	0.0	-0.18	0.0	60.0	8.71	93.66	2.01	0.0	274.94 -2915.18
						120.0	8.71	3.52	2.01	0.0	0.0 0.0
162	61	0.0	747.02	-0.55	-180.28	0.0	11.41	183.77	-6.23	0.0	747.02-1.124e+04
		-1.124e+04	0.0	-0.19	0.0	60.0	11.41	93.63	-6.23	0.0	373.51 -2913.73
						120.0	11.41	3.49	-6.23	0.0	0.0 0.0
162	62	0.0	0.0	0.40	-180.28	0.0	-13.87	177.32	3.65	0.0	-437.83-1.046e+04
		-1.046e+04	-437.83	0.21	0.0	60.0	-13.87	87.18	3.65	0.0	-218.91 -2526.43
						120.0	-13.87	-2.96	3.65	0.0	0.0 0.0
162	63	0.0	437.83	-0.53	-180.28	0.0	13.87	183.24	-3.65	0.0	437.83-1.117e+04
		-1.117e+04	0.0	-0.20	0.0	60.0	13.87	93.10	-3.65	0.0	218.91 -2882.00
						120.0	13.87	2.96	-3.65	0.0	0.0 0.0
162	69	0.0	0.0	-0.05	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	2.71e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0 0.0
162	70	0.0	0.0	-0.10	-282.09	0.0	0.0	282.09	0.0	0.0	0.0-1.693e+04
		-1.693e+04	0.0	2.84e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0 -4231.33
						120.0	0.0	0.0	0.0	0.0	0.0 0.0
162	71	0.0	0.0	-0.05	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	2.71e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0 0.0
162	72	0.0	0.0	-0.07	-209.37	0.0	0.0	209.37	0.0	0.0	0.0-1.256e+04
		-1.256e+04	0.0	2.78e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0 -3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0 0.0
162	73	0.0	0.0	-0.05	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	2.71e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0 0.0
162	74	0.0	0.0	-0.06	-180.28	0.0	0.0	180.28	0.0	0.0	0.0-1.082e+04
		-1.082e+04	0.0	2.75e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0 -2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0 0.0
163	1	0.0	0.0	-0.06	-177.64	0.0	0.0	177.64	0.0	0.0	0.0-1.066e+04
		-1.066e+04	0.0	2.84e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0 -2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0 0.0
163	2	0.0	0.0	-0.13	-395.80	0.0	0.0	395.80	0.0	0.0	0.0-2.375e+04
		-2.375e+04	0.0	2.95e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0 -5937.05
						120.0	0.0	0.0	0.0	0.0	0.0 0.0
163	3	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0 -8198.93
		-8198.93	0.0	2.18e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0 -2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0 0.0
163	17	0.0	5871.35	-0.33	-180.28	0.0	1.07	183.89	-48.93	0.0	5871.35-1.080e+04
		-1.080e+04	0.0	0.15	0.0	60.0	1.07	93.75	-48.93	0.0	2935.68 -2697.45
						120.0	1.07	3.61	-48.93	0.0	0.0 0.0
163	20	0.0	0.0	0.21	-180.28	0.0	-1.07	176.67	48.93	0.0	-5871.35-1.083e+04
		-1.083e+04	-5871.35	-0.14	0.0	60.0	-1.07	86.53	48.93	0.0	-2935.68 -2710.98
						120.0	-1.07	-3.61	48.93	0.0	0.0 0.0
163	26	8.47	1059.97	0.68	-180.28	0.0	-19.64	174.63	-8.83	0.0	1059.97-1.001e+04
		-1.001e+04	0.0	0.45	0.0	60.0	-19.64	84.49	-8.83	0.0	529.98 -2298.39
						120.0	-19.64	-5.65	-8.83	0.0	0.0 0.0
163	27	0.0	0.0	-0.79	-180.28	0.0	19.64	185.93	8.83	0.0	-1059.97-1.163e+04
		-1.163e+04	-1059.97	-0.45	0.0	60.0	19.64	95.79	8.83	0.0	-529.98 -3110.03
						120.0	19.64	5.65	8.83	0.0	0.0 0.0
163	30	0.0	0.0	0.76	-180.28	0.0	-24.23	174.96	6.69	0.0	-802.33-1.018e+04
		-1.018e+04	-802.33	0.43	0.0	60.0	-24.23	84.82	6.69	0.0	-401.17 -2385.14
						120.0	-24.23	-5.32	6.69	0.0	0.0 0.0
163	31	0.0	802.33	-0.87	-180.28	0.0	24.23	185.60	-6.69	0.0	802.33-1.145e+04
		-1.145e+04	0.0	-0.42	0.0	60.0	24.23	95.46	-6.69	0.0	401.17 -3023.29
						120.0	24.23	5.32	-6.69	0.0	0.0 0.0
163	49	0.0	3384.82	-0.20	-180.28	0.0	0.30	182.27	-28.21	0.0	3384.82-1.080e+04
		-1.080e+04	0.0	0.09	0.0	60.0	0.30	92.13	-28.21	0.0	1692.41 -2695.44
						120.0	0.30	1.99	-28.21	0.0	0.0 0.0
163	52	0.0	0.0	0.09	-180.28	0.0	-0.30	178.29	28.21	0.0	-3384.82-1.083e+04
		-1.083e+04	-3384.82	-0.09	0.0	60.0	-0.30	88.15	28.21	0.0	-1692.41 -2712.98
						120.0	-0.30	-1.99	28.21	0.0	0.0 0.0
163	59	0.0	0.0	-0.44	-180.28	0.0	10.79	183.34	5.16	0.0	-619.54-1.126e+04
		-1.126e+04	-619.54	-0.24	0.0	60.0	10.79	93.20	5.16	0.0	-309.77 -2926.22
						120.0	10.79	3.06	5.16	0.0	0.0 0.0
163	61	0.0	795.18	-0.51	-180.28	0.0	10.43	183.64	-6.63	0.0	795.18-1.122e+04
		-1.122e+04	0.0	-0.21	0.0	60.0	10.43	93.50	-6.63	0.0	397.59 -2905.96
						120.0	10.43	3.36	-6.63	0.0	0.0 0.0
163	62	0.0	0.0	0.37	-180.28	0.0	-12.88	177.49	3.82	0.0	-457.83-1.048e+04

		-1.048e+04	-457.83	0.23	0.0	60.0	-12.88	87.35	3.82	0.0	-228.91	-2536.54
						120.0	-12.88	-2.79	3.82	0.0	0.0	0.0
163	63	0.0	457.83	-0.49	-180.28	0.0	12.88	183.08	-3.82	0.0	457.83	-1.115e+04
		-1.115e+04	0.0	-0.23	0.0	60.0	12.88	92.93	-3.82	0.0	228.91	-2871.88
						120.0	12.88	2.79	-3.82	0.0	0.0	0.0
163	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	2.18e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
163	70	0.0	0.0	-0.09	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	2.26e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
163	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	2.18e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
163	72	0.0	0.0	-0.07	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	2.22e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
163	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	2.18e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
163	74	0.0	0.0	-0.06	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	2.21e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
164	1	0.0	0.0	-0.05	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	1.62e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
164	2	0.0	0.0	-0.11	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	1.61e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
164	17	0.0	5692.11	-0.34	-180.28	0.0	1.74	183.51	-47.43	0.0	5692.11	-1.120e+04
		-1.120e+04	0.0	0.15	0.0	60.0	1.74	93.37	-47.43	0.0	2846.06	-2897.95
						120.0	1.74	3.23	-47.43	0.0	0.0	0.0
164	20	0.0	0.0	0.23	-180.28	0.0	-1.74	177.05	47.43	0.0	-5692.11	-1.043e+04
		-1.043e+04	-5692.11	-0.15	0.0	60.0	-1.74	86.91	47.43	0.0	-2846.06	-2510.48
						120.0	-1.74	-3.23	47.43	0.0	0.0	0.0
164	21	0.0	829.91	-0.75	-180.28	0.0	15.53	187.47	1.64	0.0	829.91	-1.168e+04
		-1.168e+04	0.0	-0.34	0.0	60.0	15.53	97.33	1.64	0.0	414.96	-3135.70
						120.0	15.53	7.19	1.64	0.0	0.0	0.0
164	24	11.68	0.0	0.65	-180.28	0.0	-15.53	173.09	-1.64	0.0	-829.91	-9953.88
		-9953.88	-829.91	0.34	0.0	60.0	-15.53	82.95	-1.64	0.0	-414.96	-2272.73
						120.0	-15.53	-7.19	-1.64	0.0	0.0	0.0
164	30	0.0	0.0	0.69	-180.28	0.0	-23.22	175.17	6.33	0.0	-759.98	-1.020e+04
		-1.020e+04	-759.98	0.44	0.0	60.0	-23.22	85.03	6.33	0.0	-379.99	-2397.65
						120.0	-23.22	-5.11	6.33	0.0	0.0	0.0
164	31	0.0	759.98	-0.80	-180.28	0.0	23.22	185.39	-6.33	0.0	759.98	-1.143e+04
		-1.143e+04	0.0	-0.44	0.0	60.0	23.22	95.25	-6.33	0.0	379.99	-3010.77
						120.0	23.22	5.11	-6.33	0.0	0.0	0.0
164	49	0.0	3281.42	-0.20	-180.28	0.0	0.73	182.07	-27.35	0.0	3281.42	-1.103e+04
		-1.103e+04	0.0	0.09	0.0	60.0	0.73	91.93	-27.35	0.0	1640.71	-2811.45
						120.0	0.73	1.79	-27.35	0.0	0.0	0.0
164	52	0.0	0.0	0.10	-180.28	0.0	-0.73	178.49	27.35	0.0	-3281.42	-1.060e+04
		-1.060e+04	-3281.42	-0.09	0.0	60.0	-0.73	88.35	27.35	0.0	-1640.71	-2596.97
						120.0	-0.73	-1.79	27.35	0.0	0.0	0.0
164	53	0.0	469.08	-0.42	-180.28	0.0	8.56	184.27	0.87	0.0	469.08	-1.130e+04
		-1.130e+04	0.0	-0.18	0.0	60.0	8.56	94.13	0.87	0.0	234.54	-2943.34
						120.0	8.56	3.99	0.87	0.0	0.0	0.0
164	60	0.0	0.0	0.31	-180.28	0.0	-8.89	176.39	5.35	0.0	-1215.59	-1.035e+04
		-1.035e+04	-1215.59	0.15	0.0	60.0	-8.89	86.25	5.35	0.0	-607.79	-2470.95
						120.0	-8.89	-3.89	5.35	0.0	0.0	0.0
164	62	0.0	0.0	0.34	-180.28	0.0	-12.44	177.58	3.61	0.0	-433.05	-1.049e+04
		-1.049e+04	-433.05	0.24	0.0	60.0	-12.44	87.44	3.61	0.0	-216.52	-2542.05
						120.0	-12.44	-2.70	3.61	0.0	0.0	0.0
164	63	0.0	433.05	-0.44	-180.28	0.0	12.44	182.98	-3.61	0.0	433.05	-1.114e+04
		-1.114e+04	0.0	-0.23	0.0	60.0	12.44	92.84	-3.61	0.0	216.52	-2866.38
						120.0	12.44	2.70	-3.61	0.0	0.0	0.0
164	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	1.25e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
164	70	0.0	0.0	-0.08	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	1.24e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
164	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	1.25e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
164	72	0.0	0.0	-0.06	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	1.24e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0

164	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	1.25e-03	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
164	74	0.0	0.0	-0.05	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	1.25e-03	0.0	60.0	0.0	90.14	0.0	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0	0.0
165	1	0.0	0.0	-0.05	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	5.21e-04	0.0	60.0	0.0	88.82	0.0	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0	0.0
165	2	0.0	0.0	-0.12	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	2.82e-04	0.0	60.0	0.0	197.90	0.0	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165	4	0.0	0.0	-0.11	-354.81	0.0	0.0	354.81	0.0	0.0	0.0	0.0	-2.129e+04
		-2.129e+04	0.0	1.62e-04	0.0	60.0	0.0	177.40	0.0	0.0	0.0	0.0	-5322.13
						120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165	17	0.0	5636.14	-0.22	-180.28	0.0	3.46	184.00	-41.32	0.0	5636.14	-1.126e+04	
		-1.126e+04	0.0	0.15	0.0	60.0	3.46	93.86	-41.32	0.0	2818.07	-2927.47	
						120.0	3.46	3.72	-41.32	0.0	0.0	0.0	0.0
165	20	0.0	0.0	0.11	-180.28	0.0	-3.46	176.56	41.32	0.0	-5636.14	-1.037e+04	
		-1.037e+04	-5636.14	-0.15	0.0	60.0	-3.46	86.42	41.32	0.0	-2818.07	-2480.95	
						120.0	-3.46	-3.72	41.32	0.0	0.0	0.0	0.0
165	21	0.0	836.04	-0.61	-180.28	0.0	15.27	185.72	1.28	0.0	836.04	-1.164e+04	
		-1.164e+04	0.0	-0.38	0.0	60.0	15.27	95.58	1.28	0.0	418.02	-3115.67	
						120.0	15.27	5.44	1.28	0.0	0.0	0.0	0.0
165	24	9.18	0.0	0.50	-180.28	0.0	-15.27	174.84	-1.28	0.0	-836.04	-9993.94	
		-9993.94	-836.04	0.38	0.0	60.0	-15.27	84.70	-1.28	0.0	-418.02	-2292.76	
						120.0	-15.27	-5.44	-1.28	0.0	0.0	0.0	0.0
165	30	0.0	0.0	0.64	-180.28	0.0	-23.41	174.18	-12.26	0.0	-787.81	-1.025e+04	
		-1.025e+04	-787.81	0.50	0.0	60.0	-23.41	84.04	-12.26	0.0	-393.90	-2423.13	
						120.0	-23.41	-6.10	-12.26	0.0	0.0	0.0	0.0
165	31	0.0	787.81	-0.74	-180.28	0.0	23.41	186.38	12.26	0.0	787.81	-1.138e+04	
		-1.138e+04	0.0	-0.50	0.0	60.0	23.41	96.24	12.26	0.0	393.90	-2985.30	
						120.0	23.41	6.10	12.26	0.0	0.0	0.0	0.0
165	49	0.0	3248.84	-0.14	-180.28	0.0	1.79	182.37	-23.85	0.0	3248.84	-1.107e+04	
		-1.107e+04	0.0	0.09	0.0	60.0	1.79	92.23	-23.85	0.0	1624.42	-2829.29	
						120.0	1.79	2.08	-23.85	0.0	0.0	0.0	0.0
165	52	0.0	0.0	0.03	-180.28	0.0	-1.79	178.20	23.85	0.0	-3248.84	-1.057e+04	
		-1.057e+04	-3248.84	-0.09	0.0	60.0	-1.79	88.06	23.85	0.0	-1624.42	-2579.13	
						120.0	-1.79	-2.08	23.85	0.0	0.0	0.0	0.0
165	53	0.0	469.55	-0.35	-180.28	0.0	8.53	183.29	0.63	0.0	469.55	-1.128e+04	
		-1.128e+04	0.0	-0.20	0.0	60.0	8.53	93.15	0.63	0.0	234.78	-2933.43	
						120.0	8.53	3.01	0.63	0.0	0.0	0.0	0.0
165	56	0.0	0.0	0.24	-180.28	0.0	-8.53	177.27	-0.63	0.0	-469.55	-1.036e+04	
		-1.036e+04	-469.55	0.20	0.0	60.0	-8.53	87.13	-0.63	0.0	-234.78	-2475.00	
						120.0	-8.53	-3.01	-0.63	0.0	0.0	0.0	0.0
165	62	0.0	0.0	0.31	-180.28	0.0	-12.77	176.98	-7.02	0.0	-447.81	-1.052e+04	
		-1.052e+04	-447.81	0.27	0.0	60.0	-12.77	86.84	-7.02	0.0	-223.91	-2554.68	
						120.0	-12.77	-3.30	-7.02	0.0	0.0	0.0	0.0
165	63	0.0	447.81	-0.42	-180.28	0.0	12.77	183.58	7.02	0.0	447.81	-1.112e+04	
		-1.112e+04	0.0	-0.27	0.0	60.0	12.77	93.44	7.02	0.0	223.91	-2853.74	
						120.0	12.77	3.30	7.02	0.0	0.0	0.0	0.0
165	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	4.01e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
165	70	0.0	0.0	-0.09	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	2.42e-04	0.0	60.0	0.0	141.04	0.0	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	4.01e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
165	72	0.0	0.0	-0.06	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	3.21e-04	0.0	60.0	0.0	104.68	0.0	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0	0.0
165	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	4.01e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
165	74	0.0	0.0	-0.05	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	3.53e-04	0.0	60.0	0.0	90.14	0.0	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0	0.0
166	1	0.0	0.0	-0.05	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-3.08e-04	0.0	60.0	0.0	88.82	0.0	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0	0.0
166	2	0.0	0.0	-0.12	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-6.62e-04	0.0	60.0	0.0	197.90	0.0	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166	3	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-2.37e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73

						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
166	17	0.0	5649.96	-0.19	-180.28	0.0	4.40	180.81	-41.86	0.0	5649.96	-1.126e+04
		-1.126e+04	0.0	0.15	0.0	60.0	4.40	90.67	-41.86	0.0	2824.98	-2926.07
						120.0	4.40	0.53	-41.86	0.0	0.0	0.0
166	20	0.0	0.0	0.08	-180.28	0.0	-4.40	179.75	41.86	0.0	-5649.96	-1.037e+04
		-1.037e+04	-5649.96	-0.15	0.0	60.0	-4.40	89.61	41.86	0.0	-2824.98	-2482.36
						120.0	-4.40	-0.53	41.86	0.0	0.0	0.0
166	22	0.0	0.0	0.45	-180.28	0.0	-17.80	175.13	0.87	0.0	-104.89	-1.160e+04
		-1.160e+04	-104.89	0.46	0.0	60.0	-17.80	84.98	0.87	0.0	-52.45	-3094.16
						120.0	-17.80	-5.16	0.87	0.0	0.0	0.0
166	23	6.49	104.89	-0.56	-180.28	0.0	17.80	185.44	-0.87	0.0	104.89	-1.004e+04
		-1.004e+04	0.0	-0.46	0.0	60.0	17.80	95.30	-0.87	0.0	52.45	-2314.27
						120.0	17.80	5.16	-0.87	0.0	0.0	0.0
166	30	0.0	0.0	0.53	-180.28	0.0	-24.85	186.23	-11.59	0.0	-698.89	-1.026e+04
		-1.026e+04	-698.89	0.52	0.0	60.0	-24.85	96.09	-11.59	0.0	-349.45	-2427.94
						120.0	-24.85	5.95	-11.59	0.0	0.0	0.0
166	31	0.0	698.89	-0.64	-180.28	0.0	24.85	174.33	11.59	0.0	698.89	-1.137e+04
		-1.137e+04	0.0	-0.52	0.0	60.0	24.85	84.19	11.59	0.0	349.45	-2980.48
						120.0	24.85	-5.95	11.59	0.0	0.0	0.0
166	49	0.0	3256.44	-0.12	-180.28	0.0	2.42	180.64	-24.16	0.0	3256.44	-1.107e+04
		-1.107e+04	0.0	0.09	0.0	60.0	2.42	90.50	-24.16	0.0	1628.22	-2829.22
						120.0	2.42	0.36	-24.16	0.0	0.0	0.0
166	52	0.0	0.0	0.02	-180.28	0.0	-2.42	179.92	24.16	0.0	-3256.44	-1.057e+04
		-1.057e+04	-3256.44	-0.10	0.0	60.0	-2.42	89.78	24.16	0.0	-1628.22	-2579.21
						120.0	-2.42	-0.36	24.16	0.0	0.0	0.0
166	54	0.0	0.0	0.21	-180.28	0.0	-10.05	177.41	0.38	0.0	-45.16	-1.125e+04
		-1.125e+04	-45.16	0.24	0.0	60.0	-10.05	87.27	0.38	0.0	-22.58	-2922.46
						120.0	-10.05	-2.87	0.38	0.0	0.0	0.0
166	62	0.0	0.0	0.25	-180.28	0.0	-13.82	183.54	-6.62	0.0	-395.08	-1.052e+04
		-1.052e+04	-395.08	0.28	0.0	60.0	-13.82	93.40	-6.62	0.0	-197.54	-2555.07
						120.0	-13.82	3.26	-6.62	0.0	0.0	0.0
166	63	0.0	395.08	-0.36	-180.28	0.0	13.82	177.02	6.62	0.0	395.08	-1.112e+04
		-1.112e+04	0.0	-0.28	0.0	60.0	13.82	86.88	6.62	0.0	197.54	-2853.36
						120.0	13.82	-3.26	6.62	0.0	0.0	0.0
166	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-2.37e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
166	70	0.0	0.0	-0.09	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-4.73e-04	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
166	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-2.37e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
166	72	0.0	0.0	-0.06	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-3.55e-04	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
166	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-2.37e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
166	74	0.0	0.0	-0.05	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-3.08e-04	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
167	1	0.0	0.0	-0.05	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-8.81e-04	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
167	2	0.0	0.0	-0.12	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-1.23e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
167	17	0.0	5698.59	-0.16	-180.28	0.0	3.64	183.50	-47.49	0.0	5698.59	-1.120e+04
		-1.120e+04	0.0	0.15	0.0	60.0	3.64	93.36	-47.49	0.0	2849.30	-2897.46
						120.0	3.64	3.22	-47.49	0.0	0.0	0.0
167	20	0.0	0.0	0.05	-180.28	0.0	-3.64	177.06	47.49	0.0	-5698.59	-1.043e+04
		-1.043e+04	-5698.59	-0.15	0.0	60.0	-3.64	86.92	47.49	0.0	-2849.30	-2510.96
						120.0	-3.64	-3.22	47.49	0.0	0.0	0.0
167	22	0.0	0.0	0.36	-180.28	0.0	-16.68	186.43	0.80	0.0	-96.28	-1.155e+04
		-1.155e+04	-96.28	0.43	0.0	60.0	-16.68	96.29	0.80	0.0	-48.14	-3073.28
						120.0	-16.68	6.15	0.80	0.0	0.0	0.0
167	23	3.88	96.28	-0.46	-180.28	0.0	16.68	174.13	-0.80	0.0	96.28	-1.008e+04
		-1.008e+04	0.0	-0.43	0.0	60.0	16.68	83.99	-0.80	0.0	48.14	-2335.15
						120.0	16.68	-6.15	-0.80	0.0	0.0	0.0
167	30	0.0	0.0	0.42	-180.28	0.0	-26.85	175.48	4.43	0.0	-531.96	-1.024e+04
		-1.024e+04	-531.96	0.49	0.0	60.0	-26.85	85.34	4.43	0.0	-265.98	-2416.28
						120.0	-26.85	-4.80	4.43	0.0	0.0	0.0
167	31	0.0	531.96	-0.52	-180.28	0.0	26.85	185.08	-4.43	0.0	531.96	-1.139e+04
		-1.139e+04	0.0	-0.49	0.0	60.0	26.85	94.94	-4.43	0.0	265.98	-2992.14
						120.0	26.85	4.80	-4.43	0.0	0.0	0.0
167	49	0.0	3284.12	-0.11	-180.28	0.0	2.03	182.10	-27.37	0.0	3284.12	-1.104e+04

		-1.104e+04	0.0	0.09	0.0	60.0	2.03	91.96	-27.37	0.0	1642.06	-2813.44
						120.0	2.03	1.82	-27.37	0.0	0.0	0.0
167	52	0.0	0.0	6.26e-03	-180.28	0.0	-2.03	178.46	27.37	0.0	-3284.12	-1.060e+04
		-1.060e+04	-3284.12	-0.10	0.0	60.0	-2.03	88.32	27.37	0.0	-1642.06	-2594.99
						120.0	-2.03	-1.82	27.37	0.0	0.0	0.0
167	54	0.0	0.0	0.16	-180.28	0.0	-9.47	183.74	0.34	0.0	-40.71	-1.123e+04
		-1.123e+04	-40.71	0.23	0.0	60.0	-9.47	93.60	0.34	0.0	-20.35	-2911.74
						120.0	-9.47	3.46	0.34	0.0	0.0	0.0
167	56	0.0	0.0	0.15	-180.28	0.0	-7.79	183.07	3.47	0.0	-416.36	-1.115e+04
		-1.115e+04	-416.36	0.19	0.0	60.0	-7.79	92.93	3.47	0.0	-208.18	-2871.58
						120.0	-7.79	2.79	3.47	0.0	0.0	0.0
167	62	0.0	0.0	0.20	-180.28	0.0	-15.16	177.64	2.48	0.0	-297.48	-1.050e+04
		-1.050e+04	-297.48	0.26	0.0	60.0	-15.16	87.50	2.48	0.0	-148.74	-2545.91
						120.0	-15.16	-2.64	2.48	0.0	0.0	0.0
167	63	0.0	297.48	-0.30	-180.28	0.0	15.16	182.92	-2.48	0.0	297.48	-1.113e+04
		-1.113e+04	0.0	-0.26	0.0	60.0	15.16	92.78	-2.48	0.0	148.74	-2862.52
						120.0	15.16	2.64	-2.48	0.0	0.0	0.0
167	69	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-6.77e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
167	70	0.0	0.0	-0.08	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-9.14e-04	0.0	60.0	0.0	141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
167	71	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-6.77e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
167	72	0.0	0.0	-0.06	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-7.96e-04	0.0	60.0	0.0	104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0
167	73	0.0	0.0	-0.04	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-6.77e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
167	74	0.0	0.0	-0.05	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-7.48e-04	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
168	1	0.0	0.0	-0.05	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-1.20e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0
168	2	0.0	0.0	-0.11	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-1.44e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0
168	17	0.0	5960.40	-0.13	-180.28	0.0	3.28	183.28	-49.67	0.0	5960.40	-1.118e+04
		-1.118e+04	0.0	0.16	0.0	60.0	3.28	93.14	-49.67	0.0	2980.20	-2884.00
						120.0	3.28	3.00	-49.67	0.0	0.0	0.0
168	20	0.0	0.0	0.03	-180.28	0.0	-3.28	177.28	49.67	0.0	-5960.40	-1.046e+04
		-1.046e+04	-5960.40	-0.17	0.0	60.0	-3.28	87.14	49.67	0.0	-2980.20	-2524.42
						120.0	-3.28	-3.00	49.67	0.0	0.0	0.0
168	29	0.0	910.28	-0.39	-180.28	0.0	25.36	186.38	-7.59	0.0	910.28	-1.155e+04
		-1.155e+04	0.0	-0.37	0.0	60.0	25.36	96.24	-7.59	0.0	455.14	-3070.06
						120.0	25.36	6.10	-7.59	0.0	0.0	0.0
168	30	0.0	0.0	0.32	-180.28	0.0	-28.36	175.21	2.82	0.0	-338.38	-1.021e+04
		-1.021e+04	-338.38	0.40	0.0	60.0	-28.36	85.06	2.82	0.0	-169.19	-2399.68
						120.0	-28.36	-5.08	2.82	0.0	0.0	0.0
168	31	0.0	338.38	-0.41	-180.28	0.0	28.36	185.36	-2.82	0.0	338.38	-1.143e+04
		-1.143e+04	0.0	-0.40	0.0	60.0	28.36	95.22	-2.82	0.0	169.19	-3008.75
						120.0	28.36	5.08	-2.82	0.0	0.0	0.0
168	32	3.48	0.0	0.29	-180.28	0.0	-25.36	174.18	7.59	0.0	-910.28	-1.009e+04
		-1.009e+04	-910.28	0.37	0.0	60.0	-25.36	84.04	7.59	0.0	-455.14	-2338.37
						120.0	-25.36	-6.10	7.59	0.0	0.0	0.0
168	49	0.0	3434.90	-0.09	-180.28	0.0	1.85	181.98	-28.62	0.0	3434.90	-1.102e+04
		-1.102e+04	0.0	0.10	0.0	60.0	1.85	91.84	-28.62	0.0	1717.45	-2806.30
						120.0	1.85	1.70	-28.62	0.0	0.0	0.0
168	52	0.0	0.0	-5.81e-03	-180.28	0.0	-1.85	178.58	28.62	0.0	-3434.90	-1.061e+04
		-1.061e+04	-3434.90	-0.10	0.0	60.0	-1.85	88.44	28.62	0.0	-1717.45	-2602.12
						120.0	-1.85	-1.70	28.62	0.0	0.0	0.0
168	60	0.0	0.0	0.11	-180.28	0.0	-7.02	183.04	10.27	0.0	-1231.96	-1.043e+04
		-1.043e+04	-1231.96	0.13	0.0	60.0	-7.02	92.90	10.27	0.0	-615.98	-2511.35
						120.0	-7.02	2.76	10.27	0.0	0.0	0.0
168	61	0.0	515.34	-0.23	-180.28	0.0	14.47	183.70	-4.29	0.0	515.34	-1.123e+04
		-1.123e+04	0.0	-0.19	0.0	60.0	14.47	93.56	-4.29	0.0	257.67	-2909.52
						120.0	14.47	3.42	-4.29	0.0	0.0	0.0
168	62	0.0	0.0	0.15	-180.28	0.0	-16.16	177.45	1.54	0.0	-185.26	-1.048e+04
		-1.048e+04	-185.26	0.21	0.0	60.0	-16.16	87.31	1.54	0.0	-92.63	-2534.18
						120.0	-16.16	-2.83	1.54	0.0	0.0	0.0
168	63	0.0	185.26	-0.24	-180.28	0.0	16.16	183.11	-1.54	0.0	185.26	-1.116e+04
		-1.116e+04	0.0	-0.21	0.0	60.0	16.16	92.97	-1.54	0.0	92.63	-2874.25
						120.0	16.16	2.83	-1.54	0.0	0.0	0.0

168	69	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-9.20e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
168	70	0.0	0.0	-0.08	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-1.08e-03	0.0	60.0	0.0	141.04	0.0	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168	71	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-9.20e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
168	72	0.0	0.0	-0.06	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-1.00e-03	0.0	60.0	0.0	104.68	0.0	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0	0.0
168	73	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-9.20e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
168	74	0.0	0.0	-0.05	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-9.68e-04	0.0	60.0	0.0	90.14	0.0	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0	0.0
169	1	0.0	0.0	-0.04	-177.64	0.0	0.0	177.64	0.0	0.0	0.0	0.0	-1.066e+04
		-1.066e+04	0.0	-1.25e-03	0.0	60.0	0.0	88.82	0.0	0.0	0.0	0.0	-2664.65
						120.0	0.0	-3.85e-06	0.0	0.0	0.0	0.0	0.0
169	2	0.0	0.0	-0.09	-395.80	0.0	0.0	395.80	0.0	0.0	0.0	0.0	-2.375e+04
		-2.375e+04	0.0	-1.27e-03	0.0	60.0	0.0	197.90	0.0	0.0	0.0	0.0	-5937.05
						120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169	4	0.0	0.0	-0.08	-354.81	0.0	0.0	354.81	0.0	0.0	0.0	0.0	-2.129e+04
		-2.129e+04	0.0	-9.78e-04	0.0	60.0	0.0	177.40	0.0	0.0	0.0	0.0	-5322.13
						120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169	17	0.0	6270.54	-0.10	-180.28	0.0	4.32	180.52	-52.25	0.0	6270.54	-1.120e+04	
		-1.120e+04	0.0	0.19	0.0	60.0	4.32	90.37	-52.25	0.0	3135.27	-2896.18	
						120.0	4.32	0.23	-52.25	0.0	0.0	0.0	0.0
169	20	0.0	0.0	0.02	-180.28	0.0	-4.32	180.05	52.25	0.0	-6270.54	-1.043e+04	
		-1.043e+04	-6270.54	-0.19	0.0	60.0	-4.32	89.91	52.25	0.0	-3135.27	-2512.25	
						120.0	-4.32	-0.23	52.25	0.0	0.0	0.0	0.0
169	29	0.0	637.29	-0.28	-180.28	0.0	26.05	186.51	-5.31	0.0	637.29	-1.156e+04	
		-1.156e+04	0.0	-0.26	0.0	60.0	26.05	96.37	-5.31	0.0	318.64	-3078.09	
						120.0	26.05	6.23	-5.31	0.0	0.0	0.0	0.0
169	30	0.0	0.0	0.22	-180.28	0.0	-28.69	175.07	1.57	0.0	-188.99	-1.019e+04	
		-1.019e+04	-188.99	0.26	0.0	60.0	-28.69	84.93	1.57	0.0	-94.50	-2391.29	
						120.0	-28.69	-5.22	1.57	0.0	0.0	0.0	0.0
169	31	0.0	188.99	-0.30	-180.28	0.0	28.69	185.50	-1.57	0.0	188.99	-1.144e+04	
		-1.144e+04	0.0	-0.26	0.0	60.0	28.69	95.36	-1.57	0.0	94.50	-3017.13	
						120.0	28.69	5.22	-1.57	0.0	0.0	0.0	0.0
169	32	4.48	0.0	0.20	-180.28	0.0	-26.05	174.05	5.31	0.0	-637.29	-1.007e+04	
		-1.007e+04	-637.29	0.26	0.0	60.0	-26.05	83.91	5.31	0.0	-318.64	-2330.34	
						120.0	-26.05	-6.23	5.31	0.0	0.0	0.0	0.0
169	45	0.0	3614.64	-0.06	-180.28	0.0	-0.16	180.26	-28.96	0.0	3614.64	-1.102e+04	
		-1.102e+04	0.0	0.12	0.0	60.0	-0.16	90.12	-28.96	0.0	1807.32	-2805.91	
						120.0	-0.16	-0.02	-28.96	0.0	0.0	0.0	0.0
169	48	0.0	0.0	-0.02	-180.28	0.0	0.16	180.30	28.96	0.0	-3614.64	-1.061e+04	
		-1.061e+04	-3614.64	-0.12	0.0	60.0	0.16	90.16	28.96	0.0	-1807.32	-2602.51	
						120.0	0.16	0.02	28.96	0.0	0.0	0.0	0.0
169	61	0.0	359.51	-0.17	-180.28	0.0	14.93	183.81	-3.00	0.0	359.51	-1.124e+04	
		-1.124e+04	0.0	-0.14	0.0	60.0	14.93	93.67	-3.00	0.0	179.75	-2916.01	
						120.0	14.93	3.53	-3.00	0.0	0.0	0.0	0.0
169	62	0.0	0.0	0.10	-180.28	0.0	-16.43	177.34	0.84	0.0	-100.84	-1.046e+04	
		-1.046e+04	-100.84	0.13	0.0	60.0	-16.43	87.20	0.84	0.0	-50.42	-2527.62	
						120.0	-16.43	-2.94	0.84	0.0	0.0	0.0	0.0
169	63	0.0	100.84	-0.18	-180.28	0.0	16.43	183.22	-0.84	0.0	100.84	-1.117e+04	
		-1.117e+04	0.0	-0.14	0.0	60.0	16.43	93.08	-0.84	0.0	50.42	-2880.80	
						120.0	16.43	2.94	-0.84	0.0	0.0	0.0	0.0
169	64	0.0	0.0	0.09	-180.28	0.0	-14.93	176.75	3.00	0.0	-359.51	-1.039e+04	
		-1.039e+04	-359.51	0.14	0.0	60.0	-14.93	86.61	3.00	0.0	-179.75	-2492.42	
						120.0	-14.93	-3.53	3.00	0.0	0.0	0.0	0.0
169	69	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-9.65e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
169	70	0.0	0.0	-0.07	-282.09	0.0	0.0	282.09	0.0	0.0	0.0	0.0	-1.693e+04
		-1.693e+04	0.0	-9.74e-04	0.0	60.0	0.0	141.04	0.0	0.0	0.0	0.0	-4231.33
						120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169	71	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-9.65e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0	0.0
169	72	0.0	0.0	-0.05	-209.37	0.0	0.0	209.37	0.0	0.0	0.0	0.0	-1.256e+04
		-1.256e+04	0.0	-9.69e-04	0.0	60.0	0.0	104.68	0.0	0.0	0.0	0.0	-3140.53
						120.0	0.0	-1.74e-06	0.0	0.0	0.0	0.0	0.0
169	73	0.0	0.0	-0.03	-136.65	0.0	0.0	136.65	0.0	0.0	0.0	0.0	-8198.93
		-8198.93	0.0	-9.65e-04	0.0	60.0	0.0	68.32	0.0	0.0	0.0	0.0	-2049.73

						120.0	0.0	-2.96e-06	0.0	0.0	0.0	0.0
169	74	0.0	0.0	-0.04	-180.28	0.0	0.0	180.28	0.0	0.0	0.0	-1.082e+04
		-1.082e+04	0.0	-9.68e-04	0.0	60.0	0.0	90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-2.23e-06	0.0	0.0	0.0	0.0
170	1	0.0	0.0	-0.02	-145.66	0.0	0.0	145.66	0.0	0.0	0.0	-9675.81
		-9675.81	0.0	-1.06e-03	0.0	60.0	0.0	84.53	0.0	0.0	0.0	-2652.95
						120.0	0.0	-1.87e-06	0.0	0.0	0.0	0.0
170	2	0.0	0.0	-0.07	-319.54	0.0	0.0	319.54	0.0	0.0	0.0	-2.140e+04
		-2.140e+04	0.0	-7.27e-04	0.0	60.0	0.0	187.67	0.0	0.0	0.0	-5909.15
						120.0	0.0	-4.62e-06	0.0	0.0	0.0	0.0
170	13	0.0	5752.98	-0.05	-146.82	0.0	0.23	150.91	-46.43	0.0	5752.98	-9585.28
		-9585.28	0.0	0.21	0.0	60.0	0.23	89.74	-46.43	0.0	2876.49	-2590.27
						120.0	0.23	4.09	-46.43	0.0	0.0	0.0
170	16	0.0	0.0	5.11e-03	-146.82	0.0	-0.23	142.74	46.43	0.0	-5752.98	-9992.09
		-9992.09	-5752.98	-0.21	0.0	60.0	-0.23	81.56	46.43	0.0	-2876.49	-2793.67
						120.0	-0.23	-4.09	46.43	0.0	0.0	0.0
170	30	0.0	0.0	0.13	-146.82	0.0	-25.51	141.13	-3.03	0.0	-100.11	-9105.14
		-9105.14	-100.11	0.05	0.0	60.0	-25.51	79.96	-3.03	0.0	-50.05	-2350.20
						120.0	-25.51	-5.70	-3.03	0.0	0.0	0.0
170	31	0.0	100.11	-0.18	-146.82	0.0	25.51	152.52	3.03	0.0	100.11	-1.047e+04
		-1.047e+04	0.0	-0.06	0.0	60.0	25.51	91.35	3.03	0.0	50.05	-3033.75
						120.0	25.51	5.70	3.03	0.0	0.0	0.0
170	32	0.0	0.0	0.12	-146.82	0.0	-23.36	142.34	-0.83	0.0	-363.36	-9251.10
		-9251.10	-363.36	0.10	0.0	60.0	-23.36	81.17	-0.83	0.0	-181.68	-2423.18
						120.0	-23.36	-4.48	-0.83	0.0	0.0	0.0
170	35	0.0	0.0	-0.18	-146.82	0.0	25.22	151.05	16.09	0.0	-1466.88	-1.050e+04
		-1.050e+04	-1466.88	-0.15	0.0	60.0	25.22	89.87	16.09	0.0	-733.44	-3049.31
						120.0	25.22	4.22	16.09	0.0	0.0	0.0
170	45	0.0	3317.76	-0.04	-146.82	0.0	0.13	149.18	-26.78	0.0	3317.76	-9670.10
		-9670.10	0.0	0.12	0.0	60.0	0.13	88.00	-26.78	0.0	1658.88	-2632.68
						120.0	0.13	2.35	-26.78	0.0	0.0	0.0
170	48	0.0	0.0	-0.01	-146.82	0.0	-0.13	144.47	26.78	0.0	-3317.76	-9907.27
		-9907.27	-3317.76	-0.12	0.0	60.0	-0.13	83.30	26.78	0.0	-1658.88	-2751.27
						120.0	-0.13	-2.35	26.78	0.0	0.0	0.0
170	62	0.0	0.0	0.06	-146.82	0.0	-14.64	143.57	-1.72	0.0	-55.25	-9398.68
		-9398.68	-55.25	0.03	0.0	60.0	-14.64	82.40	-1.72	0.0	-27.62	-2496.97
						120.0	-14.64	-3.25	-1.72	0.0	0.0	0.0
170	63	0.0	55.25	-0.11	-146.82	0.0	14.64	150.07	1.72	0.0	55.25	-1.018e+04
		-1.018e+04	0.0	-0.03	0.0	60.0	14.64	88.90	1.72	0.0	27.62	-2886.97
						120.0	14.64	3.25	1.72	0.0	0.0	0.0
170	64	0.0	0.0	0.05	-146.82	0.0	-13.40	144.28	-0.46	0.0	-206.94	-9483.21
		-9483.21	-206.94	0.05	0.0	60.0	-13.40	83.11	-0.46	0.0	-103.47	-2539.23
						120.0	-13.40	-2.55	-0.46	0.0	0.0	0.0
170	67	0.0	0.0	-0.11	-146.82	0.0	14.47	149.22	9.26	0.0	-848.57	-1.020e+04
		-1.020e+04	-848.57	-0.08	0.0	60.0	14.47	88.05	9.26	0.0	-424.28	-2895.90
						120.0	14.47	2.40	9.26	0.0	0.0	0.0
170	69	0.0	0.0	-0.02	-112.05	0.0	0.0	112.05	0.0	0.0	0.0	-7442.93
		-7442.93	0.0	-8.12e-04	0.0	60.0	0.0	65.02	0.0	0.0	0.0	-2040.73
						120.0	0.0	-1.44e-06	0.0	0.0	0.0	0.0
170	70	0.0	0.0	-0.05	-227.97	0.0	0.0	227.97	0.0	0.0	0.0	-1.526e+04
		-1.526e+04	0.0	-5.93e-04	0.0	60.0	0.0	133.78	0.0	0.0	0.0	-4211.53
						120.0	0.0	-3.27e-06	0.0	0.0	0.0	0.0
170	71	0.0	0.0	-0.02	-112.05	0.0	0.0	112.05	0.0	0.0	0.0	-7442.93
		-7442.93	0.0	-8.12e-04	0.0	60.0	0.0	65.02	0.0	0.0	0.0	-2040.73
						120.0	0.0	-1.44e-06	0.0	0.0	0.0	0.0
170	72	0.0	0.0	-0.03	-170.01	0.0	0.0	170.01	0.0	0.0	0.0	-1.135e+04
		-1.135e+04	0.0	-7.02e-04	0.0	60.0	0.0	99.40	0.0	0.0	0.0	-3126.13
						120.0	0.0	-2.35e-06	0.0	0.0	0.0	0.0
170	73	0.0	0.0	-0.02	-112.05	0.0	0.0	112.05	0.0	0.0	0.0	-7442.93
		-7442.93	0.0	-8.12e-04	0.0	60.0	0.0	65.02	0.0	0.0	0.0	-2040.73
						120.0	0.0	-1.44e-06	0.0	0.0	0.0	0.0
170	74	0.0	0.0	-0.03	-146.82	0.0	0.0	146.82	0.0	0.0	0.0	-9788.69
		-9788.69	0.0	-7.46e-04	0.0	60.0	0.0	85.65	0.0	0.0	0.0	-2691.97
						120.0	0.0	-1.99e-06	0.0	0.0	0.0	0.0
171	1	0.0	0.0	0.02	-145.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-9675.81	0.0	-2.50e-04	0.0	60.0	0.0	-84.53	0.0	0.0	0.0	-2652.95
						120.0	0.0	-145.66	0.0	0.0	0.0	-9675.81
171	2	0.0	0.0	0.05	-319.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.140e+04	0.0	-2.31e-04	0.0	60.0	0.0	-187.67	0.0	0.0	0.0	-5909.15
						120.0	0.0	-319.54	0.0	0.0	0.0	-2.140e+04
171	9	0.0	7266.65	-0.02	-146.82	0.0	-6.17	4.20	60.56	0.0	0.0	0.0
		-9630.99	0.0	-0.32	0.0	60.0	-6.17	-81.45	60.56	0.0	3633.32	-2613.12
						120.0	-6.17	-142.62	60.56	0.0	7266.65	-9630.99
171	12	0.0	0.0	0.05	-146.82	0.0	6.17	-4.20	-60.56	0.0	0.0	0.0
		-9946.39	-7266.65	0.32	0.0	60.0	6.17	-89.86	-60.56	0.0	-3633.32	-2770.82
						120.0	6.17	-151.03	-60.56	0.0	-7266.65	-9946.39
171	21	0.0	2309.06	-0.16	-146.82	0.0	-24.49	-5.60	19.24	0.0	0.0	0.0

		-1.046e+04	0.0	-0.02	0.0	60.0	-24.49	-91.25	19.24	0.0	1154.53	-3027.69
						120.0	-24.49	-152.42	19.24	0.0	2309.06	-1.046e+04
171	22	8.97	1989.08	0.20	-146.82	0.0	22.43	7.25	16.58	0.0	0.0	0.0
		-8918.65	0.0	-0.20	0.0	60.0	22.43	-78.40	16.58	0.0	994.54	-2256.95
						120.0	22.43	-139.57	16.58	0.0	1989.08	-8918.65
171	23	0.0	0.0	-0.16	-146.82	0.0	-22.43	-7.25	-16.58	0.0	0.0	0.0
		-1.066e+04	-1989.08	0.20	0.0	60.0	-22.43	-92.90	-16.58	0.0	-994.54	-3126.99
						120.0	-22.43	-154.08	-16.58	0.0	-1989.08	-1.066e+04
171	24	0.0	0.0	0.19	-146.82	0.0	24.49	5.60	-19.24	0.0	0.0	0.0
		-9117.26	-2309.06	0.02	0.0	60.0	24.49	-80.06	-19.24	0.0	-1154.53	-2356.26
						120.0	24.49	-141.23	-19.24	0.0	-2309.06	-9117.26
171	41	0.0	4189.99	4.52e-03	-146.82	0.0	-3.55	2.40	34.92	0.0	0.0	0.0
		-9699.38	0.0	-0.19	0.0	60.0	-3.55	-83.25	34.92	0.0	2094.99	-2647.32
						120.0	-3.55	-144.43	34.92	0.0	4189.99	-9699.38
171	44	0.0	0.0	0.04	-146.82	0.0	3.55	-2.40	-34.92	0.0	0.0	0.0
		-9878.00	-4189.99	0.19	0.0	60.0	3.55	-88.05	-34.92	0.0	-2094.99	-2736.63
						120.0	3.55	-149.22	-34.92	0.0	-4189.99	-9878.00
171	53	0.0	1328.32	-0.08	-146.82	0.0	-14.06	-3.20	11.07	0.0	0.0	0.0
		-1.017e+04	0.0	-0.02	0.0	60.0	-14.06	-88.86	11.07	0.0	664.16	-2884.23
						120.0	-14.06	-150.03	11.07	0.0	1328.32	-1.017e+04
171	55	0.0	0.0	-0.08	-146.82	0.0	-12.88	-4.15	-9.58	0.0	0.0	0.0
		-1.029e+04	-1150.11	0.11	0.0	60.0	-12.88	-89.80	-9.58	0.0	-575.05	-2940.79
						120.0	-12.88	-150.97	-9.58	0.0	-1150.11	-1.029e+04
171	56	0.0	0.0	0.11	-146.82	0.0	14.06	3.20	-11.07	0.0	0.0	0.0
		-9404.17	-1328.32	0.02	0.0	60.0	14.06	-82.45	-11.07	0.0	-664.16	-2499.71
						120.0	14.06	-143.62	-11.07	0.0	-1328.32	-9404.17
171	69	0.0	0.0	0.01	-112.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7442.93	0.0	-1.92e-04	0.0	60.0	0.0	-65.02	0.0	0.0	0.0	-2040.73
						120.0	0.0	-112.05	0.0	0.0	0.0	-7442.93
171	70	0.0	0.0	0.04	-227.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.526e+04	0.0	-1.79e-04	0.0	60.0	0.0	-133.78	0.0	0.0	0.0	-4211.53
						120.0	0.0	-227.97	0.0	0.0	0.0	-1.526e+04
171	71	0.0	0.0	0.01	-112.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7442.93	0.0	-1.92e-04	0.0	60.0	0.0	-65.02	0.0	0.0	0.0	-2040.73
						120.0	0.0	-112.05	0.0	0.0	0.0	-7442.93
171	72	0.0	0.0	0.02	-170.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.135e+04	0.0	-1.86e-04	0.0	60.0	0.0	-99.40	0.0	0.0	0.0	-3126.13
						120.0	0.0	-170.01	0.0	0.0	0.0	-1.135e+04
171	73	0.0	0.0	0.01	-112.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7442.93	0.0	-1.92e-04	0.0	60.0	0.0	-65.02	0.0	0.0	0.0	-2040.73
						120.0	0.0	-112.05	0.0	0.0	0.0	-7442.93
171	74	0.0	0.0	0.02	-146.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-9788.69	0.0	-1.88e-04	0.0	60.0	0.0	-85.65	0.0	0.0	0.0	-2691.97
						120.0	0.0	-146.82	0.0	0.0	0.0	-9788.69
172	1	0.0	0.0	0.03	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-9.74e-04	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
172	2	0.0	0.0	0.08	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-1.08e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
172	3	0.0	0.0	0.02	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-7.49e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
172	9	0.0	7983.58	-5.46e-03	-180.28	0.0	-10.55	0.10	66.53	0.0	0.0	0.0
		-1.121e+04	0.0	-0.31	0.0	60.0	-10.55	-90.04	66.53	0.0	3991.79	-2901.89
						120.0	-10.55	-180.18	66.53	0.0	7983.58	-1.121e+04
172	12	0.0	0.0	0.07	-180.28	0.0	10.55	-0.10	-66.53	0.0	0.0	0.0
		-1.042e+04	-7983.58	0.31	0.0	60.0	10.55	-90.24	-66.53	0.0	-3991.79	-2506.54
						120.0	10.55	-180.38	-66.53	0.0	-7983.58	-1.042e+04
172	21	5.75	2636.86	-0.23	-180.28	0.0	-28.80	6.40	17.17	0.0	0.0	0.0
		-1.005e+04	0.0	0.15	0.0	60.0	-28.80	-83.74	17.17	0.0	1318.43	-2320.22
						120.0	-28.80	-173.88	17.17	0.0	2636.86	-1.005e+04
172	22	0.0	2060.78	0.31	-180.28	0.0	24.56	-7.36	21.97	0.0	0.0	0.0
		-1.170e+04	0.0	-0.37	0.0	60.0	24.56	-97.50	21.97	0.0	1030.39	-3145.69
						120.0	24.56	-187.64	21.97	0.0	2060.78	-1.170e+04
172	23	12.93	0.0	-0.24	-180.28	0.0	-24.56	7.36	-21.97	0.0	0.0	0.0
		-9933.88	-2060.78	0.37	0.0	60.0	-24.56	-82.78	-21.97	0.0	-1030.39	-2262.73
						120.0	-24.56	-172.92	-21.97	0.0	-2060.78	-9933.88
172	24	0.0	0.0	0.29	-180.28	0.0	28.80	-6.40	-17.17	0.0	0.0	0.0
		-1.158e+04	-2636.86	-0.15	0.0	60.0	28.80	-96.54	-17.17	0.0	-1318.43	-3088.21
						120.0	28.80	-186.68	-17.17	0.0	-2636.86	-1.158e+04
172	41	0.0	4601.61	0.01	-180.28	0.0	-6.11	0.07	38.35	0.0	0.0	0.0
		-1.104e+04	0.0	-0.18	0.0	60.0	-6.11	-90.07	38.35	0.0	2300.80	-2815.91
						120.0	-6.11	-180.21	38.35	0.0	4601.61	-1.104e+04
172	44	0.0	0.0	0.05	-180.28	0.0	6.11	-0.07	-38.35	0.0	0.0	0.0
		-1.059e+04	-4601.61	0.18	0.0	60.0	6.11	-90.21	-38.35	0.0	-2300.80	-2592.51
						120.0	6.11	-180.35	-38.35	0.0	-4601.61	-1.059e+04

172	53	0.0	1510.22	-0.11	-180.28	0.0	-16.52	3.65	9.98	0.0	0.0	0.0
		-1.038e+04	0.0	0.07	0.0	60.0	-16.52	-86.49	9.98	0.0	755.11	-2485.36
						120.0	-16.52	-176.63	9.98	0.0	1510.22	-1.038e+04
172	54	0.0	1197.94	0.18	-180.28	0.0	14.06	-4.18	12.59	0.0	0.0	0.0
		-1.132e+04	0.0	-0.20	0.0	60.0	14.06	-94.32	12.59	0.0	598.97	-2955.24
						120.0	14.06	-184.46	12.59	0.0	1197.94	-1.132e+04
172	56	0.0	0.0	0.17	-180.28	0.0	16.52	-3.65	-9.98	0.0	0.0	0.0
		-1.125e+04	-1510.22	-0.07	0.0	60.0	16.52	-93.79	-9.98	0.0	-755.11	-2923.06
						120.0	16.52	-183.93	-9.98	0.0	-1510.22	-1.125e+04
172	69	0.0	0.0	0.02	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-7.49e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
172	70	0.0	0.0	0.06	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-8.18e-04	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
172	71	0.0	0.0	0.02	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-7.49e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
172	72	0.0	0.0	0.04	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-7.84e-04	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
172	73	0.0	0.0	0.02	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-7.49e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
172	74	0.0	0.0	0.03	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-7.70e-04	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
173	1	0.0	0.0	0.04	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-1.50e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
173	2	0.0	0.0	0.10	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-1.69e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
173	9	0.0	7502.99	-0.01	-180.28	0.0	-12.72	3.50	62.52	0.0	0.0	0.0
		-1.081e+04	0.0	-0.26	0.0	60.0	-12.72	-86.64	62.52	0.0	3751.49	-2701.61
						120.0	-12.72	-176.78	62.52	0.0	7502.99	-1.081e+04
173	12	0.0	0.0	0.09	-180.28	0.0	12.72	-3.50	-62.52	0.0	0.0	0.0
		-1.082e+04	-7502.99	0.26	0.0	60.0	12.72	-93.64	-62.52	0.0	-3751.49	-2706.81
						120.0	12.72	-183.78	-62.52	0.0	-7502.99	-1.082e+04
173	21	0.0	2589.78	-0.31	-180.28	0.0	-29.62	7.03	21.58	0.0	0.0	0.0
		-1.166e+04	0.0	0.26	0.0	60.0	-29.62	-83.11	21.58	0.0	1294.89	-3126.20
						120.0	-29.62	-173.25	21.58	0.0	2589.78	-1.166e+04
173	24	10.49	0.0	0.39	-180.28	0.0	29.62	-7.03	-21.58	0.0	0.0	0.0
		-9972.88	-2589.78	-0.26	0.0	60.0	29.62	-97.17	-21.58	0.0	-1294.89	-2282.23
						120.0	29.62	-187.31	-21.58	0.0	-2589.78	-9972.88
173	41	0.0	4322.48	0.01	-180.28	0.0	-7.36	1.97	36.02	0.0	0.0	0.0
		-1.081e+04	0.0	-0.15	0.0	60.0	-7.36	-88.17	36.02	0.0	2161.24	-2702.08
						120.0	-7.36	-178.31	36.02	0.0	4322.48	-1.081e+04
173	44	0.0	0.0	0.07	-180.28	0.0	7.36	-1.97	-36.02	0.0	0.0	0.0
		-1.082e+04	-4322.48	0.15	0.0	60.0	7.36	-92.11	-36.02	0.0	-2161.24	-2706.34
						120.0	7.36	-182.25	-36.02	0.0	-4322.48	-1.082e+04
173	53	0.0	1479.34	-0.14	-180.28	0.0	-16.94	3.97	12.33	0.0	0.0	0.0
		-1.129e+04	0.0	0.13	0.0	60.0	-16.94	-86.17	12.33	0.0	739.67	-2942.49
						120.0	-16.94	-176.31	12.33	0.0	1479.34	-1.129e+04
173	56	0.0	0.0	0.23	-180.28	0.0	16.94	-3.97	-12.33	0.0	0.0	0.0
		-1.034e+04	-1479.34	-0.13	0.0	60.0	16.94	-94.11	-12.33	0.0	-739.67	-2465.93
						120.0	16.94	-184.25	-12.33	0.0	-1479.34	-1.034e+04
173	64	0.0	0.0	0.20	-180.28	0.0	9.22	-3.64	-12.99	0.0	0.0	0.0
		-1.118e+04	-1558.59	-0.13	0.0	60.0	9.22	-93.78	-12.99	0.0	-779.30	-2887.69
						120.0	9.22	-183.92	-12.99	0.0	-1558.59	-1.118e+04
173	69	0.0	0.0	0.03	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.16e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
173	70	0.0	0.0	0.07	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-1.28e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
173	71	0.0	0.0	0.03	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.16e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
173	72	0.0	0.0	0.05	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-1.22e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
173	73	0.0	0.0	0.03	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.16e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
173	74	0.0	0.0	0.04	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-1.19e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21

[illegible]

		-1.168e+04	0.0	-0.54	0.0	60.0	14.38	-97.34	14.10	0.0	846.26	-3136.13
						120.0	14.38	-187.48	14.10	0.0	1692.53	-1.168e+04
175	31	11.74	0.0	-0.43	-180.28	0.0	-14.38	7.20	-14.10	0.0	0.0	0.0
		-9953.01	-1692.53	0.54	0.0	60.0	-14.38	-82.94	-14.10	0.0	-846.26	-2272.29
						120.0	-14.38	-173.08	-14.10	0.0	-1692.53	-9953.01
175	37	0.0	4118.20	-0.02	-180.28	0.0	-8.19	-0.86	-34.32	0.0	0.0	0.0
		-1.092e+04	0.0	-0.14	0.0	60.0	-8.19	-91.00	34.32	0.0	2059.10	-2755.84
						120.0	-8.19	-181.14	34.32	0.0	4118.20	-1.092e+04
175	40	0.0	0.0	0.12	-180.28	0.0	8.19	0.86	-34.32	0.0	0.0	0.0
		-1.071e+04	-4118.20	0.14	0.0	60.0	8.19	-89.28	-34.32	0.0	-2059.10	-2652.59
						120.0	8.19	-179.42	-34.32	0.0	-4118.20	-1.071e+04
175	53	0.0	1647.40	-0.24	-180.28	0.0	-14.93	2.65	13.73	0.0	0.0	0.0
		-1.050e+04	0.0	0.18	0.0	60.0	-14.93	-87.49	13.73	0.0	823.70	-2545.12
						120.0	-14.93	-177.63	13.73	0.0	1647.40	-1.050e+04
175	56	0.0	0.0	0.34	-180.28	0.0	14.93	-2.65	-13.73	0.0	0.0	0.0
		-1.114e+04	-1647.40	-0.18	0.0	60.0	14.93	-92.79	-13.73	0.0	-823.70	-2863.30
						120.0	14.93	-182.93	-13.73	0.0	-1647.40	-1.114e+04
175	62	0.0	988.43	0.31	-180.28	0.0	8.12	-4.05	8.24	0.0	0.0	0.0
		-1.130e+04	0.0	-0.29	0.0	60.0	8.12	-94.19	8.24	0.0	494.22	-2947.30
						120.0	8.12	-184.33	8.24	0.0	988.43	-1.130e+04
175	63	0.0	0.0	-0.21	-180.28	0.0	-8.12	4.05	-8.24	0.0	0.0	0.0
		-1.033e+04	-988.43	0.29	0.0	60.0	-8.12	-86.09	-8.24	0.0	-494.22	-2461.13
						120.0	-8.12	-176.23	-8.24	0.0	-988.43	-1.033e+04
175	69	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.52e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
175	70	0.0	0.0	0.08	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-1.67e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
175	71	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.52e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
175	72	0.0	0.0	0.06	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-1.59e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
175	73	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.52e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
175	74	0.0	0.0	0.05	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-1.56e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
176	1	0.0	0.0	0.05	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-1.92e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
176	2	0.0	0.0	0.11	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-2.10e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
176	5	0.0	7289.79	-0.11	-180.28	0.0	-12.74	4.64	60.75	0.0	0.0	0.0
		-1.026e+04	0.0	-0.24	0.0	60.0	-12.74	-85.50	60.75	0.0	3644.90	-2425.73
						120.0	-12.74	-175.64	60.75	0.0	7289.79	-1.026e+04
176	8	0.0	0.0	0.21	-180.28	0.0	12.74	-4.64	-60.75	0.0	0.0	0.0
		-1.137e+04	-7289.79	0.24	0.0	60.0	12.74	-94.78	-60.75	0.0	-3644.90	-2982.70
						120.0	12.74	-184.92	-60.75	0.0	-7289.79	-1.137e+04
176	21	7.09	3038.74	-0.59	-180.28	0.0	-24.36	6.58	25.32	0.0	0.0	0.0
		-1.003e+04	0.0	0.34	0.0	60.0	-24.36	-83.56	25.32	0.0	1519.37	-2309.49
						120.0	-24.36	-173.70	25.32	0.0	3038.74	-1.003e+04
176	24	0.0	0.0	0.69	-180.28	0.0	24.36	-6.58	-25.32	0.0	0.0	0.0
		-1.161e+04	-3038.74	-0.34	0.0	60.0	24.36	-96.72	-25.32	0.0	-1519.37	-3098.93
						120.0	24.36	-186.86	-25.32	0.0	-3038.74	-1.161e+04
176	30	12.73	1717.67	0.63	-180.28	0.0	15.54	7.33	14.31	0.0	0.0	0.0
		-9937.11	0.0	-0.53	0.0	60.0	15.54	-82.81	14.31	0.0	858.84	-2264.34
						120.0	15.54	-172.95	14.31	0.0	1717.67	-9937.11
176	31	0.0	0.0	-0.52	-180.28	0.0	-15.54	-7.33	-14.31	0.0	0.0	0.0
		-1.170e+04	-1717.67	0.53	0.0	60.0	-15.54	-97.47	-14.31	0.0	-858.84	-3144.08
						120.0	-15.54	-187.61	-14.31	0.0	-1717.67	-1.170e+04
176	37	0.0	4199.43	-0.03	-180.28	0.0	-7.11	2.59	35.00	0.0	0.0	0.0
		-1.051e+04	0.0	-0.15	0.0	60.0	-7.11	-87.55	35.00	0.0	2099.71	-2549.03
						120.0	-7.11	-177.69	35.00	0.0	4199.43	-1.051e+04
176	40	0.0	0.0	0.14	-180.28	0.0	7.11	-2.59	-35.00	0.0	0.0	0.0
		-1.113e+04	-4199.43	0.14	0.0	60.0	7.11	-92.73	-35.00	0.0	-2099.71	-2859.39
						120.0	7.11	-182.87	-35.00	0.0	-4199.43	-1.113e+04
176	53	0.0	1745.28	-0.29	-180.28	0.0	-13.40	3.60	14.54	0.0	0.0	0.0
		-1.039e+04	0.0	0.17	0.0	60.0	-13.40	-86.54	14.54	0.0	872.64	-2488.45
						120.0	-13.40	-176.68	14.54	0.0	1745.28	-1.039e+04
176	56	0.0	0.0	0.39	-180.28	0.0	13.40	-3.60	-14.54	0.0	0.0	0.0
		-1.125e+04	-1745.28	-0.18	0.0	60.0	13.40	-93.74	-14.54	0.0	-872.64	-2919.97
						120.0	13.40	-183.88	-14.54	0.0	-1745.28	-1.125e+04

176	63	0.0	0.0	-0.25	-180.28	0.0	-8.71	-4.10	-8.35	0.0	0.0	0.0
		-1.131e+04	-1002.31	0.28	0.0	60.0	-8.71	-94.24	-8.35	0.0	-501.15	-2950.44
						120.0	-8.71	-184.38	-8.35	0.0	-1002.31	-1.131e+04
176	69	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.48e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
176	70	0.0	0.0	0.08	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-1.60e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
176	71	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.48e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
176	72	0.0	0.0	0.06	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-1.54e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
176	73	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.48e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
176	74	0.0	0.0	0.05	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-1.51e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
177	1	0.0	0.0	0.05	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-1.70e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
177	2	0.0	0.0	0.11	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-1.79e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
177	3	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.31e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
177	5	0.0	7385.67	-0.10	-180.28	0.0	-12.31	-0.03	61.55	0.0	0.0	0.0
		-1.124e+04	0.0	-0.25	0.0	60.0	-12.31	-90.17	61.55	0.0	3692.83	-2917.24
						120.0	-12.31	-180.31	61.55	0.0	7385.67	-1.124e+04
177	8	0.0	0.0	0.20	-180.28	0.0	12.31	0.03	-61.55	0.0	0.0	0.0
		-1.039e+04	-7385.67	0.25	0.0	60.0	12.31	-90.11	-61.55	0.0	-3692.83	-2491.19
						120.0	12.31	-180.25	-61.55	0.0	-7385.67	-1.039e+04
177	21	0.0	3057.90	-0.68	-180.28	0.0	-23.26	5.33	25.48	0.0	0.0	0.0
		-1.159e+04	0.0	0.30	0.0	60.0	-23.26	-84.81	25.48	0.0	1528.95	-3088.50
						120.0	-23.26	-174.95	25.48	0.0	3057.90	-1.159e+04
177	24	5.78	0.0	0.78	-180.28	0.0	23.26	-5.33	-25.48	0.0	0.0	0.0
		-1.005e+04	-3057.90	-0.30	0.0	60.0	23.26	-95.47	-25.48	0.0	-1528.95	-2319.92
						120.0	23.26	-185.61	-25.48	0.0	-3057.90	-1.005e+04
177	30	0.0	1729.68	0.72	-180.28	0.0	16.09	-7.28	14.41	0.0	0.0	0.0
		-1.169e+04	0.0	-0.50	0.0	60.0	16.09	-97.42	14.41	0.0	864.84	-3141.06
						120.0	16.09	-187.56	14.41	0.0	1729.68	-1.169e+04
177	31	12.35	0.0	-0.63	-180.28	0.0	-16.09	7.28	-14.41	0.0	0.0	0.0
		-9943.15	-1729.68	0.50	0.0	60.0	-16.09	-82.86	-14.41	0.0	-864.84	-2267.36
						120.0	-16.09	-173.00	-14.41	0.0	-1729.68	-9943.15
177	37	0.0	4255.72	-0.03	-180.28	0.0	-6.74	-0.05	35.46	0.0	0.0	0.0
		-1.105e+04	0.0	-0.15	0.0	60.0	-6.74	-90.19	35.46	0.0	2127.86	-2820.74
						120.0	-6.74	-180.33	35.46	0.0	4255.72	-1.105e+04
177	40	0.0	0.0	0.13	-180.28	0.0	6.74	0.05	-35.46	0.0	0.0	0.0
		-1.058e+04	-4255.72	0.15	0.0	60.0	6.74	-90.09	-35.46	0.0	-2127.86	-2587.69
						120.0	6.74	-180.23	-35.46	0.0	-4255.72	-1.058e+04
177	53	0.0	1757.66	-0.34	-180.28	0.0	-12.53	2.86	14.65	0.0	0.0	0.0
		-1.123e+04	0.0	0.15	0.0	60.0	-12.53	-87.28	14.65	0.0	878.83	-2911.42
						120.0	-12.53	-177.42	14.65	0.0	1757.66	-1.123e+04
177	56	0.0	0.0	0.43	-180.28	0.0	12.53	-2.86	-14.65	0.0	0.0	0.0
		-1.040e+04	-1757.66	-0.16	0.0	60.0	12.53	-93.00	-14.65	0.0	-878.83	-2497.01
						120.0	12.53	-183.14	-14.65	0.0	-1757.66	-1.040e+04
177	61	0.0	1451.26	-0.28	-180.28	0.0	-10.91	3.45	12.09	0.0	0.0	0.0
		-1.040e+04	0.0	0.14	0.0	60.0	-10.91	-86.69	12.09	0.0	725.63	-2497.19
						120.0	-10.91	-176.83	12.09	0.0	1451.26	-1.040e+04
177	62	0.0	1007.05	0.41	-180.28	0.0	8.94	-4.05	8.39	0.0	0.0	0.0
		-1.130e+04	0.0	-0.27	0.0	60.0	8.94	-94.19	8.39	0.0	503.52	-2947.08
						120.0	8.94	-184.33	8.39	0.0	1007.05	-1.130e+04
177	69	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.31e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
177	70	0.0	0.0	0.08	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-1.37e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
177	71	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.31e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
177	72	0.0	0.0	0.06	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-1.34e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53

						120.0	0.0	-209.37	0.0	0.0	0.0	0.0	-1.256e+04
177	73	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.31e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	0.0	-8198.93
177	74	0.0	0.0	0.05	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-1.33e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	0.0	-1.082e+04
178	1	0.0	0.0	0.06	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-1.82e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	0.0	-1.066e+04
178	2	0.0	0.0	0.12	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-1.94e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	0.0	-2.375e+04
178	3	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.40e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	0.0	-8198.93
178	5	0.0	7588.35	-0.25	-180.28	0.0	-12.66	-4.28	58.34	0.0	0.0	0.0	0.0
		-1.133e+04	0.0	-0.25	0.0	60.0	-12.66	-94.42	58.34	0.0	3794.17	-2961.04	
						120.0	-12.66	-184.56	58.34	0.0	7588.35	-1.133e+04	
178	8	0.0	0.0	0.36	-180.28	0.0	12.66	4.28	-58.34	0.0	0.0	0.0	0.0
		-1.030e+04	-7588.35	0.24	0.0	60.0	12.66	-85.86	-58.34	0.0	-3794.17	-2447.38	
						120.0	12.66	-176.00	-58.34	0.0	-7588.35	-1.030e+04	
178	21	0.0	3167.83	-0.78	-180.28	0.0	-23.69	-6.59	10.07	0.0	0.0	0.0	0.0
		-1.161e+04	0.0	0.31	0.0	60.0	-23.69	-96.73	10.07	0.0	1583.91	-3099.73	
						120.0	-23.69	-186.87	10.07	0.0	3167.83	-1.161e+04	
178	24	7.19	0.0	0.90	-180.28	0.0	23.69	6.59	-10.07	0.0	0.0	0.0	0.0
		-1.003e+04	-3167.83	-0.31	0.0	60.0	23.69	-83.55	-10.07	0.0	-1583.91	-2308.69	
						120.0	23.69	-173.69	-10.07	0.0	-3167.83	-1.003e+04	
178	29	0.0	2684.07	-0.69	-180.28	0.0	-20.15	5.56	22.37	0.0	0.0	0.0	0.0
		-1.167e+04	0.0	0.31	0.0	60.0	-20.15	-84.58	22.37	0.0	1342.04	-3128.76	
						120.0	-20.15	-174.72	22.37	0.0	2684.07	-1.167e+04	
178	32	10.82	0.0	0.80	-180.28	0.0	20.15	-5.56	-22.37	0.0	0.0	0.0	0.0
		-9967.75	-2684.07	-0.31	0.0	60.0	20.15	-95.70	-22.37	0.0	-1342.04	-2279.66	
						120.0	20.15	-185.84	-22.37	0.0	-2684.07	-9967.75	
178	37	0.0	4373.24	-0.10	-180.28	0.0	-6.86	-2.38	33.64	0.0			

		-1.079e+04	-7706.64	0.26	0.0	60.0	13.09	-86.29	-64.22	0.0	-3853.32	-2691.50
						120.0	13.09	-176.43	-64.22	0.0	-7706.64	-1.079e+04
179	21	0.0	3176.94	-0.85	-180.28	0.0	-25.28	-6.68	26.47	0.0	0.0	0.0
		-1.016e+04	0.0	0.28	0.0	60.0	-25.28	-96.82	26.47	0.0	1588.47	-2376.82
						120.0	-25.28	-186.96	26.47	0.0	3176.94	-1.016e+04
179	24	0.0	0.0	0.97	-180.28	0.0	25.28	6.68	-26.47	0.0	0.0	0.0
		-1.147e+04	-3176.94	-0.28	0.0	60.0	25.28	-83.46	-26.47	0.0	-1588.47	-3031.60
						120.0	25.28	-173.61	-26.47	0.0	-3176.94	-1.147e+04
179	29	0.0	2830.91	-0.76	-180.28	0.0	-20.57	5.52	23.59	0.0	0.0	0.0
		-1.163e+04	0.0	0.30	0.0	60.0	-20.57	-84.62	23.59	0.0	1415.46	-3108.62
						120.0	-20.57	-174.76	23.59	0.0	2830.91	-1.163e+04
179	32	8.30	0.0	0.88	-180.28	0.0	20.57	-5.52	-23.59	0.0	0.0	0.0
		-1.001e+04	-2830.91	-0.30	0.0	60.0	20.57	-95.66	-23.59	0.0	-1415.46	-2299.80
						120.0	20.57	-185.80	-23.59	0.0	-2830.91	-1.001e+04
179	37	0.0	4442.29	-0.11	-180.28	0.0	-7.07	-2.12	37.02	0.0	0.0	0.0
		-1.084e+04	0.0	-0.15	0.0	60.0	-7.07	-92.26	37.02	0.0	2221.14	-2716.27
						120.0	-7.07	-182.40	37.02	0.0	4442.29	-1.084e+04
179	40	0.0	0.0	0.23	-180.28	0.0	7.07	2.12	-37.02	0.0	0.0	0.0
		-1.079e+04	-4442.29	0.15	0.0	60.0	7.07	-88.02	-37.02	0.0	-2221.14	-2692.15
						120.0	7.07	-178.16	-37.02	0.0	-4442.29	-1.079e+04
179	53	0.0	1827.47	-0.42	-180.28	0.0	-13.39	-3.55	15.23	0.0	0.0	0.0
		-1.047e+04	0.0	0.14	0.0	60.0	-13.39	-93.69	15.23	0.0	913.73	-2533.13
						120.0	-13.39	-183.83	15.23	0.0	1827.47	-1.047e+04
179	56	0.0	0.0	0.54	-180.28	0.0	13.39	3.55	-15.23	0.0	0.0	0.0
		-1.116e+04	-1827.47	-0.15	0.0	60.0	13.39	-86.59	-15.23	0.0	-913.73	-2875.29
						120.0	13.39	-176.73	-15.23	0.0	-1827.47	-1.116e+04
179	61	0.0	1625.52	-0.37	-180.28	0.0	-11.17	2.95	13.55	0.0	0.0	0.0
		-1.126e+04	0.0	0.15	0.0	60.0	-11.17	-87.19	13.55	0.0	812.76	-2923.29
						120.0	-11.17	-177.33	13.55	0.0	1625.52	-1.126e+04
179	69	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.42e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
179	70	0.0	0.0	0.10	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-1.52e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
179	71	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.42e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
179	72	0.0	0.0	0.07	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-1.47e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
179	73	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.42e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
179	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-1.45e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
180	1	0.0	0.0	0.06	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-1.81e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
180	2	0.0	0.0	0.14	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-1.95e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
180	5	0.0	7790.23	-0.31	-180.28	0.0	-13.29	3.36	64.92	0.0	0.0	0.0
		-1.041e+04	0.0	-0.28	0.0	60.0	-13.29	-86.78	64.92	0.0	3895.12	-2502.42
						120.0	-13.29	-176.92	64.92	0.0	7790.23	-1.041e+04
180	8	0.0	0.0	0.43	-180.28	0.0	13.29	-3.36	-64.92	0.0	0.0	0.0
		-1.122e+04	-7790.23	0.28	0.0	60.0	13.29	-93.50	-64.92	0.0	-3895.12	-2906.00
						120.0	13.29	-183.64	-64.92	0.0	-7790.23	-1.122e+04
180	21	9.93	3102.14	-0.93	-180.28	0.0	-27.37	6.96	25.85	0.0	0.0	0.0
		-9981.84	0.0	0.21	0.0	60.0	-27.37	-83.18	25.85	0.0	1551.07	-2286.71
						120.0	-27.37	-173.32	25.85	0.0	3102.14	-9981.84
180	24	0.0	0.0	1.05	-180.28	0.0	27.37	-6.96	-25.85	0.0	0.0	0.0
		-1.165e+04	-3102.14	-0.21	0.0	60.0	27.37	-97.10	-25.85	0.0	-1551.07	-3121.72
						120.0	27.37	-187.24	-25.85	0.0	-3102.14	-1.165e+04
180	37	0.0	4491.33	-0.13	-180.28	0.0	-7.18	1.82	37.43	0.0	0.0	0.0
		-1.060e+04	0.0	-0.17	0.0	60.0	-7.18	-88.32	37.43	0.0	2245.67	-2595.22
						120.0	-7.18	-178.46	37.43	0.0	4491.33	-1.060e+04
180	40	0.0	0.0	0.26	-180.28	0.0	7.18	-1.82	-37.43	0.0	0.0	0.0
		-1.103e+04	-4491.33	0.16	0.0	60.0	7.18	-91.96	-37.43	0.0	-2245.67	-2813.20
						120.0	7.18	-182.10	-37.43	0.0	-4491.33	-1.103e+04
180	53	0.0	1785.44	-0.46	-180.28	0.0	-14.56	3.69	14.88	0.0	0.0	0.0
		-1.037e+04	0.0	0.11	0.0	60.0	-14.56	-86.45	14.88	0.0	892.72	-2482.95
						120.0	-14.56	-176.59	14.88	0.0	1785.44	-1.037e+04
180	56	0.0	0.0	0.58	-180.28	0.0	14.56	-3.69	-14.88	0.0	0.0	0.0
		-1.126e+04	-1785.44	-0.11	0.0	60.0	14.56	-93.83	-14.88	0.0	-892.72	-2925.48
						120.0	14.56	-183.97	-14.88	0.0	-1785.44	-1.126e+04

180	62	0.0	906.68	0.51	-180.28	0.0	9.38	-3.05	7.56	0.0	0.0	0.0
		-1.118e+04	0.0	-0.27	0.0	60.0	9.38	-93.19	7.56	0.0	453.34	-2887.20
						120.0	9.38	-183.33	7.56	0.0	906.68	-1.118e+04
180	69	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.39e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
180	70	0.0	0.0	0.10	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-1.49e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
180	71	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.39e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
180	72	0.0	0.0	0.07	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-1.44e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
180	73	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.39e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
180	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-1.42e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
181	1	0.0	0.0	0.06	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-1.68e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
181	2	0.0	0.0	0.14	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-1.82e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
181	9	0.0	7820.07	-0.19	-180.28	0.0	-10.87	-0.16	65.17	0.0	0.0	0.0
		-1.084e+04	0.0	-0.28	0.0	60.0	-10.87	-90.30	65.17	0.0	3910.04	-2713.88
						120.0	-10.87	-180.44	65.17	0.0	7820.07	-1.084e+04
181	12	0.0	0.0	0.31	-180.28	0.0	10.87	0.16	-65.17	0.0	0.0	0.0
		-1.080e+04	-7820.07	0.28	0.0	60.0	10.87	-89.98	-65.17	0.0	-3910.04	-2694.54
						120.0	10.87	-180.12	-65.17	0.0	-7820.07	-1.080e+04
181	21	0.0	2949.71	-0.96	-180.28	0.0	-29.27	-7.82	13.42	0.0	0.0	0.0
		-1.176e+04	0.0	0.13	0.0	60.0	-29.27	-97.96	13.42	0.0	1474.86	-3173.35
						120.0	-29.27	-188.10	13.42	0.0	2949.71	-1.176e+04
181	24	16.39	0.0	1.09	-180.28	0.0	29.27	7.82	-13.42	0.0	0.0	0.0
		-9878.58	-2949.71	-0.13	0.0	60.0	29.27	-82.32	-13.42	0.0	-1474.86	-2235.08
						120.0	29.27	-172.46	-13.42	0.0	-2949.71	-9878.58
181	41	0.0	4509.13	-0.07	-180.28	0.0	-5.88	-0.16	37.58	0.0	0.0	0.0
		-1.084e+04	0.0	-0.17	0.0	60.0	-5.88	-90.30	37.58	0.0	2254.57	-2713.96
						120.0	-5.88	-180.44	37.58	0.0	4509.13	-1.084e+04
181	44	0.0	0.0	0.20	-180.28	0.0	5.88	0.16	-37.58	0.0	0.0	0.0
		-1.080e+04	-4509.13	0.17	0.0	60.0	5.88	-89.98	-37.58	0.0	-2254.57	-2694.47
						120.0	5.88	-180.12	-37.58	0.0	-4509.13	-1.080e+04
181	53	0.0	1698.60	-0.48	-180.28	0.0	-15.66	-4.18	7.76	0.0	0.0	0.0
		-1.132e+04	0.0	0.06	0.0	60.0	-15.66	-94.32	7.76	0.0	849.30	-2954.75
						120.0	-15.66	-184.46	7.76	0.0	1698.60	-1.132e+04
181	56	0.0	0.0	0.60	-180.28	0.0	15.66	4.18	-7.76	0.0	0.0	0.0
		-1.032e+04	-1698.60	-0.07	0.0	60.0	15.66	-85.96	-7.76	0.0	-849.30	-2453.67
						120.0	15.66	-176.11	-7.76	0.0	-1698.60	-1.032e+04
181	69	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.29e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
181	70	0.0	0.0	0.10	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-1.39e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
181	71	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.29e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
181	72	0.0	0.0	0.07	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-1.34e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
181	73	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.29e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
181	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-1.32e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
182	1	0.0	0.0	0.06	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-1.47e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
182	2	0.0	0.0	0.13	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-1.60e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
182	9	0.0	7807.08	-0.22	-180.28	0.0	-10.44	0.12	61.58	0.0	0.0	0.0
		-1.080e+04	0.0	-0.30	0.0	60.0	-10.44	-90.02	61.58	0.0	3903.54	-2696.83

						120.0	-10.44	-180.16	61.58	0.0	7807.08	-1.080e+04
182	12	0.0	0.0	0.34	-180.28	0.0	10.44	-0.12	-61.58	0.0	0.0	0.0
		-1.083e+04	-7807.08	0.30	0.0	60.0	10.44	-90.26	-61.58	0.0	-3903.54	-2711.59
						120.0	10.44	-180.40	-61.58	0.0	-7807.08	-1.083e+04
182	21	13.15	2751.46	-1.04	-180.28	0.0	-30.55	7.39	22.93	0.0	0.0	0.0
		-9930.45	0.0	0.05	0.0	60.0	-30.55	-82.75	22.93	0.0	1375.73	-2261.01
						120.0	-30.55	-172.89	22.93	0.0	2751.46	-9930.45
182	22	0.0	1807.51	1.18	-180.28	0.0	28.16	-8.55	15.06	0.0	0.0	0.0
		-1.184e+04	0.0	-0.27	0.0	60.0	28.16	-98.69	15.06	0.0	903.75	-3217.14
						120.0	28.16	-188.83	15.06	0.0	1807.51	-1.184e+04
182	23	21.86	0.0	-1.06	-180.28	0.0	-28.16	8.55	-15.06	0.0	0.0	0.0
		-9790.99	-1807.51	0.27	0.0	60.0	-28.16	-81.59	-15.06	0.0	-903.75	-2191.28
						120.0	-28.16	-171.73	-15.06	0.0	-1807.51	-9790.99
182	24	0.0	0.0	1.16	-180.28	0.0	30.55	-7.39	-22.93	0.0	0.0	0.0
		-1.170e+04	-2751.46	-0.05	0.0	60.0	30.55	-97.53	-22.93	0.0	-1375.73	-3147.41
						120.0	30.55	-187.67	-22.93	0.0	-2751.46	-1.170e+04
182	41	0.0	4502.22	-0.09	-180.28	0.0	-5.63	-0.01	35.52	0.0	0.0	0.0
		-1.082e+04	0.0	-0.18	0.0	60.0	-5.63	-90.15	35.52	0.0	2251.11	-2704.84
						120.0	-5.63	-180.29	35.52	0.0	4502.22	-1.082e+04
182	44	0.0	0.0	0.21	-180.28	0.0	5.63	0.01	-35.52	0.0	0.0	0.0
		-1.082e+04	-4502.22	0.17	0.0	60.0	5.63	-90.13	-35.52	0.0	-2251.11	-2703.58
						120.0	5.63	-180.27	-35.52	0.0	-4502.22	-1.082e+04
182	53	0.0	1585.09	-0.52	-180.28	0.0	-16.43	3.93	13.21	0.0	0.0	0.0
		-1.034e+04	0.0	0.02	0.0	60.0	-16.43	-86.21	13.21	0.0	792.55	-2468.14
						120.0	-16.43	-176.35	13.21	0.0	1585.09	-1.034e+04
182	54	0.0	1044.32	0.65	-180.28	0.0	15.09	-4.59	8.70	0.0	0.0	0.0
		-1.137e+04	0.0	-0.15	0.0	60.0	15.09	-94.73	8.70	0.0	522.16	-2979.77
						120.0	15.09	-184.87	8.70	0.0	1044.32	-1.137e+04
182	56	0.0	0.0	0.64	-180.28	0.0	16.43	-3.93	-13.21	0.0	0.0	0.0
		-1.129e+04	-1585.09	-0.02	0.0	60.0	16.43	-94.07	-13.21	0.0	-792.55	-2940.28
						120.0	16.43	-184.22	-13.21	0.0	-1585.09	-1.129e+04
182	64	0.0	0.0	0.60	-180.28	0.0	12.02	-3.29	-7.63	0.0	0.0	0.0
		-1.121e+04	-1714.27	-0.08	0.0	60.0	12.02	-93.43	-7.63	0.0	-857.14	-2901.74
						120.0	12.02	-183.57	-7.63	0.0	-1714.27	-1.121e+04
182	69	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.13e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
182	70	0.0	0.0	0.09	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-1.22e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
182	71	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.13e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
182	72	0.0	0.0	0.07	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-1.18e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
182	73	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-1.13e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
182	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-1.16e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
183	1	0.0	0.0	0.06	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-1.30e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
183	2	0.0	0.0	0.12	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-1.42e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
183	9	0.0	7766.74	-0.30	-180.28	0.0	-10.23	0.93	64.72	0.0	0.0	0.0
		-1.070e+04	0.0	-0.31	0.0	60.0	-10.23	-89.21	64.72	0.0	3883.37	-2648.23
						120.0	-10.23	-179.35	64.72	0.0	7766.74	-1.070e+04
183	12	0.0	0.0	0.42	-180.28	0.0	10.23	-0.93	-64.72	0.0	0.0	0.0
		-1.093e+04	-7766.74	0.31	0.0	60.0	10.23	-91.07	-64.72	0.0	-3883.37	-2760.20
						120.0	10.23	-181.21	-64.72	0.0	-7766.74	-1.093e+04
183	21	0.0	2587.84	-1.10	-180.28	0.0	-31.12	-8.79	21.57	0.0	0.0	0.0
		-1.187e+04	0.0	-0.03	0.0	60.0	-31.12	-98.93	21.57	0.0	1293.92	-3231.40
						120.0	-31.12	-189.07	21.57	0.0	2587.84	-1.187e+04
183	24	23.64	0.0	1.22	-180.28	0.0	31.12	8.79	-21.57	0.0	0.0	0.0
		-9762.48	-2587.84	0.03	0.0	60.0	31.12	-81.35	-21.57	0.0	-1293.92	-2177.03
						120.0	31.12	-171.49	-21.57	0.0	-2587.84	-9762.48
183	41	0.0	4479.28	-0.13	-180.28	0.0	-5.52	0.44	37.33	0.0	0.0	0.0
		-1.076e+04	0.0	-0.18	0.0	60.0	-5.52	-89.70	37.33	0.0	2239.64	-2678.07
						120.0	-5.52	-179.85	37.33	0.0	4479.28	-1.076e+04
183	44	0.0	0.0	0.25	-180.28	0.0	5.52	-0.44	-37.33	0.0	0.0	0.0
		-1.087e+04	-4479.28	0.18	0.0	60.0	5.52	-90.58	-37.33	0.0	-2239.64	-2730.36
						120.0	5.52	-180.72	-37.33	0.0	-4479.28	-1.087e+04
183	53	0.0	1491.16	-0.55	-180.28	0.0	-16.78	-4.73	12.43	0.0	0.0	0.0

		-1.138e+04	0.0	-0.02	0.0	60.0	-16.78	-94.87	12.43	0.0	745.58	-2988.06
						120.0	-16.78	-185.01	12.43	0.0	1491.16	-1.138e+04
183	56	0.0	0.0	0.67	-180.28	0.0	16.78	4.73	-12.43	0.0	0.0	0.0
		-1.025e+04	-1491.16	0.02	0.0	60.0	16.78	-85.41	-12.43	0.0	-745.58	-2420.36
						120.0	16.78	-175.55	-12.43	0.0	-1491.16	-1.025e+04
183	64	0.0	0.0	0.64	-180.28	0.0	12.87	-3.64	-13.95	0.0	0.0	0.0
		-1.125e+04	-1673.97	-0.06	0.0	60.0	12.87	-93.78	-13.95	0.0	-836.99	-2922.63
						120.0	12.87	-183.92	-13.95	0.0	-1673.97	-1.125e+04
183	69	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-9.97e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
183	70	0.0	0.0	0.09	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-1.08e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
183	71	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-9.97e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
183	72	0.0	0.0	0.07	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-1.04e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
183	73	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-9.97e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
183	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-1.02e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
184	1	0.0	0.0	0.06	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-1.17e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
184	2	0.0	0.0	0.14	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-1.31e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
184	9	0.0	7695.97	-0.28	-180.28	0.0	-10.19	3.97	64.13	0.0	0.0	0.0
		-1.034e+04	0.0	-0.32	0.0	60.0	-10.19	-86.17	64.13	0.0	3847.98	-2465.94
						120.0	-10.19	-176.31	64.13	0.0	7695.97	-1.034e+04
184	12	0.0	0.0	0.40	-180.28	0.0	10.19	-3.97	-64.13	0.0	0.0	0.0
		-1.129e+04	-7695.97	0.32	0.0	60.0	10.19	-94.11	-64.13	0.0	-3847.98	-2942.48
						120.0	10.19	-184.25	-64.13	0.0	-7695.97	-1.129e+04
184	21	22.74	2454.39	-1.08	-180.28	0.0	-31.05	8.67	20.45	0.0	0.0	0.0
		-9777.01	0.0	-0.07	0.0	60.0	-31.05	-81.48	20.45	0.0	1227.20	-2184.29
						120.0	-31.05	-171.62	20.45	0.0	2454.39	-9777.01
184	24	0.0	0.0	1.20	-180.28	0.0	31.05	-8.67	-20.45	0.0	0.0	0.0
		-1.186e+04	-2454.39	0.07	0.0	60.0	31.05	-98.81	-20.45	0.0	-1227.20	-3224.13
						120.0	31.05	-188.95	-20.45	0.0	-2454.39	-1.186e+04
184	41	0.0	4438.88	-0.12	-180.28	0.0	-5.51	2.19	36.99	0.0	0.0	0.0
		-1.055e+04	0.0	-0.19	0.0	60.0	-5.51	-87.95	36.99	0.0	2219.44	-2572.98
						120.0	-5.51	-178.09	36.99	0.0	4438.88	-1.055e+04
184	44	0.0	0.0	0.24	-180.28	0.0	5.51	-2.19	-36.99	0.0	0.0	0.0
		-1.108e+04	-4438.88	0.19	0.0	60.0	5.51	-92.33	-36.99	0.0	-2219.44	-2835.45
						120.0	5.51	-182.47	-36.99	0.0	-4438.88	-1.108e+04
184	53	0.0	1414.77	-0.54	-180.28	0.0	-16.76	4.66	11.79	0.0	0.0	0.0
		-1.026e+04	0.0	-0.04	0.0	60.0	-16.76	-85.48	11.79	0.0	707.39	-2424.67
						120.0	-16.76	-175.62	11.79	0.0	1414.77	-1.026e+04
184	56	0.0	0.0	0.66	-180.28	0.0	16.76	-4.66	-11.79	0.0	0.0	0.0
		-1.138e+04	-1414.77	0.04	0.0	60.0	16.76	-94.80	-11.79	0.0	-707.39	-2983.75
						120.0	16.76	-184.94	-11.79	0.0	-1414.77	-1.138e+04
184	64	0.0	0.0	0.65	-180.28	0.0	13.97	-4.25	-13.56	0.0	0.0	0.0
		-1.133e+04	-1627.61	-0.04	0.0	60.0	13.97	-94.39	-13.56	0.0	-813.80	-2959.36
						120.0	13.97	-184.53	-13.56	0.0	-1627.61	-1.133e+04
184	69	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-9.01e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
184	70	0.0	0.0	0.10	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-9.91e-04	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
184	71	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-9.01e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
184	72	0.0	0.0	0.07	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-9.46e-04	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
184	73	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-9.01e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
184	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-9.28e-04	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04

185	1	0.0	0.0	0.07	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-8.68e-04	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
185	2	0.0	0.0	0.14	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-9.98e-04	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
185	9	0.0	7588.28	-0.28	-180.28	0.0	-10.41	1.71	63.24	0.0	0.0	0.0
		-1.061e+04	0.0	-0.34	0.0	60.0	-10.41	-88.43	63.24	0.0	3794.14	-2601.77
						120.0	-10.41	-178.57	63.24	0.0	7588.28	-1.061e+04
185	12	0.0	0.0	0.41	-180.28	0.0	10.41	-1.71	-63.24	0.0	0.0	0.0
		-1.102e+04	-7588.28	0.34	0.0	60.0	10.41	-91.85	-63.24	0.0	-3794.14	-2806.65
						120.0	10.41	-181.99	-63.24	0.0	-7588.28	-1.102e+04
185	21	15.73	1977.96	-1.06	-180.28	0.0	-30.16	7.73	16.48	0.0	0.0	0.0
		-9889.13	0.0	-0.20	0.0	60.0	-30.16	-82.41	16.48	0.0	988.98	-2240.35
						120.0	-30.16	-172.55	16.48	0.0	1977.96	-9889.13
185	22	0.0	2503.07	1.19	-180.28	0.0	28.88	-8.08	20.86	0.0	0.0	0.0
		-1.179e+04	0.0	-0.04	0.0	60.0	28.88	-98.22	20.86	0.0	1251.54	-3189.15
						120.0	28.88	-188.36	20.86	0.0	2503.07	-1.179e+04
185	23	18.36	0.0	-1.05	-180.28	0.0	-28.88	8.08	-20.86	0.0	0.0	0.0
		-9846.97	-2503.07	0.04	0.0	60.0	-28.88	-82.06	-20.86	0.0	-1251.54	-2219.27
						120.0	-28.88	-172.20	-20.86	0.0	-2503.07	-9846.97
185	24	0.0	0.0	1.19	-180.28	0.0	30.16	-7.73	-16.48	0.0	0.0	0.0
		-1.174e+04	-1977.96	0.19	0.0	60.0	30.16	-97.87	-16.48	0.0	-988.98	-3168.07
						120.0	30.16	-188.01	-16.48	0.0	-1977.96	-1.174e+04
185	41	0.0	4377.08	-0.12	-180.28	0.0	-5.65	0.88	36.48	0.0	0.0	0.0
		-1.071e+04	0.0	-0.20	0.0	60.0	-5.65	-89.26	36.48	0.0	2188.54	-2651.35
						120.0	-5.65	-179.40	36.48	0.0	4377.08	-1.071e+04
185	44	0.0	0.0	0.25	-180.28	0.0	5.65	-0.88	-36.48	0.0	0.0	0.0
		-1.092e+04	-4377.08	0.20	0.0	60.0	5.65	-91.02	-36.48	0.0	-2188.54	-2757.07
						120.0	5.65	-181.16	-36.48	0.0	-4377.08	-1.092e+04
185	53	0.0	1141.21	-0.53	-180.28	0.0	-16.26	4.12	9.51	0.0	0.0	0.0
		-1.032e+04	0.0	-0.11	0.0	60.0	-16.26	-86.02	9.51	0.0	570.60	-2457.25
						120.0	-16.26	-176.16	9.51	0.0	1141.21	-1.032e+04
185	54	0.0	1443.63	0.66	-180.28	0.0	15.52	-4.32	12.03	0.0	0.0	0.0
		-1.134e+04	0.0	-0.03	0.0	60.0	15.52	-94.46	12.03	0.0	721.81	-2963.31
						120.0	15.52	-184.60	12.03	0.0	1443.63	-1.134e+04
185	56	0.0	0.0	0.66	-180.28	0.0	16.26	-4.12	-9.51	0.0	0.0	0.0
		-1.131e+04	-1141.21	0.11	0.0	60.0	16.26	-94.26	-9.51	0.0	-570.60	-2951.18
						120.0	16.26	-184.40	-9.51	0.0	-1141.21	-1.131e+04
185	67	0.0	137.40	-0.52	-180.28	0.0	-14.40	3.99	1.14	0.0	0.0	0.0
		-1.034e+04	0.0	0.08	0.0	60.0	-14.40	-86.15	1.14	0.0	68.70	-2464.56
						120.0	-14.40	-176.29	1.14	0.0	137.40	-1.034e+04
185	69	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-6.68e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
185	70	0.0	0.0	0.10	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-7.55e-04	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
185	71	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-6.68e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
185	72	0.0	0.0	0.08	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-7.11e-04	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
185	73	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-6.68e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
185	74	0.0	0.0	0.07	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-6.94e-04	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
186	1	0.0	0.0	0.07	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-3.85e-04	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
186	2	0.0	0.0	0.14	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-4.96e-04	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
186	6	0.0	7550.11	0.34	-180.28	0.0	6.09	3.60	60.54	0.0	0.0	0.0
		-1.094e+04	0.0	-0.32	0.0	60.0	6.09	-86.54	60.54	0.0	3775.06	-2764.92
						120.0	6.09	-176.68	60.54	0.0	7550.11	-1.094e+04
186	7	0.0	0.0	-0.21	-180.28	0.0	-6.09	-3.60	-60.54	0.0	0.0	0.0
		-1.070e+04	-7550.11	0.32	0.0	60.0	-6.09	-93.74	-60.54	0.0	-3775.06	-2643.51
						120.0	-6.09	-183.88	-60.54	0.0	-7550.11	-1.070e+04
186	29	0.0	2418.96	-1.07	-180.28	0.0	-29.83	8.23	16.88	0.0	0.0	0.0
		-1.171e+04	0.0	-0.13	0.0	60.0	-29.83	-81.91	16.88	0.0	1209.48	-3151.61
						120.0	-29.83	-172.05	16.88	0.0	2418.96	-1.171e+04
186	30	19.50	2025.57	1.17	-180.28	0.0	28.47	-7.46	20.16	0.0	0.0	0.0
		-9828.81	0.0	-0.10	0.0	60.0	28.47	-97.60	20.16	0.0	1012.78	-2210.19

					120.0	28.47	-187.74	20.16	0.0	2025.57	-9828.81
186	31	0.0	0.0	-1.04	-180.28	0.0	-28.47	7.46	-20.16	0.0	0.0
		-1.180e+04	-2025.57	0.10	0.0	60.0	-28.47	-82.68	-20.16	0.0	-1012.78
						120.0	-28.47	-172.82	-20.16	0.0	-2025.57
186	32	13.67	0.0	1.21	-180.28	0.0	29.83	-8.23	-16.88	0.0	0.0
		-9922.05	-2418.96	0.13	0.0	60.0	29.83	-98.37	-16.88	0.0	-1209.48
						120.0	29.83	-188.51	-16.88	0.0	-2418.96
186	38	0.0	4355.07	0.21	-180.28	0.0	3.18	1.97	34.92	0.0	0.0
		-1.087e+04	0.0	-0.19	0.0	60.0	3.18	-88.17	34.92	0.0	2177.53
						120.0	3.18	-178.31	34.92	0.0	4355.07
186	39	0.0	0.0	-0.08	-180.28	0.0	-3.18	-1.97	-34.92	0.0	0.0
		-1.076e+04	-4355.07	0.19	0.0	60.0	-3.18	-92.11	-34.92	0.0	-2177.53
						120.0	-3.18	-182.25	-34.92	0.0	-4355.07
186	53	0.0	1008.32	-0.53	-180.28	0.0	-15.33	-3.86	12.96	0.0	0.0
		-1.030e+04	0.0	-0.15	0.0	60.0	-15.33	-94.00	12.96	0.0	504.16
						120.0	-15.33	-184.15	12.96	0.0	1008.32
186	61	0.0	1394.94	-0.54	-180.28	0.0	-16.06	4.40	9.74	0.0	0.0
		-1.129e+04	0.0	-0.07	0.0	60.0	-16.06	-85.74	9.74	0.0	697.47
						120.0	-16.06	-175.88	9.74	0.0	1394.94
186	63	0.0	0.0	-0.52	-180.28	0.0	-15.28	3.96	-11.62	0.0	0.0
		-1.135e+04	-1168.85	0.06	0.0	60.0	-15.28	-86.18	-11.62	0.0	-584.43
						120.0	-15.28	-176.32	-11.62	0.0	-1168.85
186	64	0.0	0.0	0.67	-180.28	0.0	16.06	-4.40	-9.74	0.0	0.0
		-1.034e+04	-1394.94	0.07	0.0	60.0	16.06	-94.55	-9.74	0.0	-697.47
						120.0	16.06	-184.69	-9.74	0.0	-1394.94
186	69	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-2.96e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0
						120.0	0.0	-136.65	0.0	0.0	0.0
186	70	0.0	0.0	0.10	-282.09	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-3.70e-04	0.0	60.0	0.0	-141.04	0.0	0.0	0.0
						120.0	0.0	-282.09	0.0	0.0	0.0
186	71	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-2.96e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0
						120.0	0.0	-136.65	0.0	0.0	0.0
186	72	0.0	0.0	0.08	-209.37	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-3.33e-04	0.0	60.0	0.0	-104.68	0.0	0.0	0.0
						120.0	0.0	-209.37	0.0	0.0	0.0
186	73	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-2.96e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0
						120.0	0.0	-136.65	0.0	0.0	0.0
186	74	0.0	0.0	0.07	-180.28	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-3.18e-04	0.0	60.0	0.0	-90.14	0.0	0.0	0.0
						120.0	0.0	-180.28	0.0	0.0	0.0
187	1	0.0	0.0	0.06	-177.64	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	2.77e-04	0.0	60.0	0.0	-88.82	0.0	0.0	0.0
						120.0	0.0	-177.64	0.0	0.0	0.0
187	2	0.0	0.0	0.14	-395.80	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	2.03e-04	0.0	60.0	0.0	-197.90	0.0	0.0	0.0
						120.0	0.0	-395.80	0.0	0.0	0.0
187	6	0.0	7608.44	0.41	-180.28	0.0	4.82	-4.69	63.40	0.0	0.0
		-1.079e+04	0.0	-0.30	0.0	60.0	4.82	-94.83	63.40	0.0	3804.22
						120.0	4.82	-184.97	63.40	0.0	7608.44
187	7	0.0	0.0	-0.29	-180.28	0.0	-4.82	4.69	-63.40	0.0	0.0
		-1.084e+04	-7608.44	0.30	0.0	60.0	-4.82	-85.45	-63.40	0.0	-3804.22
						120.0	-4.82	-175.59	-63.40	0.0	-7608.44
187	29	23.81	2059.38	-1.07	-180.28	0.0	-30.80	7.34	17.16	0.0	0.0
		-9759.86	0.0	-0.16	0.0	60.0	-30.80	-82.80	17.16	0.0	1029.69
						120.0	-30.80	-172.94	17.16	0.0	2059.38
187	32	0.0	0.0	1.19	-180.28	0.0	30.80	-7.34	-17.16	0.0	0.0
		-1.187e+04	-2059.38	0.17	0.0	60.0	30.80	-97.49	-17.16	0.0	-1029.69
						120.0	30.80	-187.63	-17.16	0.0	-2059.38
187	38	0.0	4388.43	0.25	-180.28	0.0	2.47	-2.60	36.57	0.0	0.0
		-1.079e+04	0.0	-0.18	0.0	60.0	2.47	-92.74	36.57	0.0	2194.21
						120.0	2.47	-182.88	36.57	0.0	4388.43
187	39	0.0	0.0	-0.12	-180.28	0.0	-2.47	2.60	-36.57	0.0	0.0
		-1.084e+04	-4388.43	0.18	0.0	60.0	-2.47	-87.54	-36.57	0.0	-2194.21
						120.0	-2.47	-177.68	-36.57	0.0	-4388.43
187	55	0.0	0.0	-0.52	-180.28	0.0	-13.17	4.40	-13.80	0.0	0.0
		-1.039e+04	-1655.66	-0.06	0.0	60.0	-13.17	-85.75	-13.80	0.0	-827.83
						120.0	-13.17	-175.89	-13.80	0.0	-1655.66
187	61	0.0	1189.51	-0.53	-180.28	0.0	-16.61	3.90	9.91	0.0	0.0
		-1.025e+04	0.0	-0.09	0.0	60.0	-16.61	-86.24	9.91	0.0	594.75
						120.0	-16.61	-176.38	9.91	0.0	1189.51
187	64	0.0	0.0	0.66	-180.28	0.0	16.61	-3.90	-9.91	0.0	0.0
		-1.139e+04	-1189.51	0.09	0.0	60.0	16.61	-94.04	-9.91	0.0	-594.75
						120.0	16.61	-184.18	-9.91	0.0	-1189.51
187	69	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0

		-8198.93	0.0	2.13e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	0.0	-8198.93
187	70	0.0	0.0	0.10	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	1.63e-04	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	0.0	-1.693e+04
187	71	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.13e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	0.0	-8198.93
187	72	0.0	0.0	0.07	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	1.88e-04	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	0.0	-1.256e+04
187	73	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.13e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	0.0	-8198.93
187	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	1.98e-04	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	0.0	-1.082e+04
188	1	0.0	0.0	0.06	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	1.12e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	0.0	-1.066e+04
188	2	0.0	0.0	0.12	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	1.10e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	0.0	-2.375e+04
188	6	0.0	7562.86	0.30	-180.28	0.0	3.38	-0.39	63.02	0.0	0.0	0.0	0.0
		-1.130e+04	0.0	-0.29	0.0	60.0	3.38	-90.53	63.02	0.0	3781.43	-2944.05	
						120.0	3.38	-180.67	63.02	0.0	7562.86	-1.130e+04	
188	7	0.0	0.0	-0.19	-180.28	0.0	-3.38	0.39	-63.02	0.0	0.0	0.0	0.0
		-1.034e+04	-7562.86	0.29	0.0	60.0	-3.38	-89.75	-63.02	0.0	-3781.43	-2464.37	
						120.0	-3.38	-179.89	-63.02	0.0	-7562.86	-1.034e+04	
188	29	16.35	1882.68	-1.11	-180.28	0.0	-31.00	8.90	15.69	0.0	0.0	0.0	0.0
		-9879.17	0.0	-0.21	0.0	60.0	-31.00	-81.25	15.69	0.0	941.34	-2235.37	
						120.0	-31.00	-171.39	15.69	0.0	1882.68	-9879.17	
188	30	0.0	2525.61	1.18	-180.28	0.0	28.82	-7.81	21.05	0.0	0.0	0.0	0.0
		-1.188e+04	0.0	-0.03	0.0	60.0	28.82	-97.95	21.05	0.0	1262.81	-3237.91	
						120.0	28.82	-188.09	21.05	0.0	2525.61	-1.188e+04	
188	31	24.46	0.0	-1.06	-180.28	0.0	-28.82	7.81	-21.05	0.0	0.0	0.0	0.0
		-9749.45	-2525.61	0.03	0.0	60.0	-28.82	-82.33	-21.05	0.0	-1262.81	-2170.51	
						120.0	-28.82	-172.47	-21.05	0.0	-2525.61	-9749.45	
188	32	0.0	0.0	1.23	-180.28	0.0	31.00	-8.90	-15.69	0.0	0.0	0.0	0.0
		-1.175e+04	-1882.68	0.21	0.0	60.0	31.00	-99.04	-15.69	0.0	-941.34	-3173.05	
						120.0	31.00	-189.18	-15.69	0.0	-1882.68	-1.175e+04	
188	38	0.0	4361.78	0.18	-180.28	0.0	1.66	-0.12	36.35	0.0	0.0	0.0	0.0
		-1.108e+04	0.0	-0.17	0.0	60.0	1.66	-90.26	36.35	0.0	2180.89	-2836.14	
						120.0	1.66	-180.40	36.35	0.0	4361.78	-1.108e+04	
188	39	0.0	0.0	-0.07	-180.28	0.0	-1.66	0.12	-36.35	0.0	0.0	0.0	0.0
		-1.055e+04	-4361.78	0.17	0.0	60.0	-1.66	-90.02	-36.35	0.0	-2180.89	-2572.29	
						120.0	-1.66	-180.16	-36.35	0.0	-4361.78	-1.055e+04	
188	53	0.0	857.83	-0.53	-180.28	0.0	-12.98	4.18	7.15	0.0	0.0	0.0	0.0
		-1.039e+04	0.0	-0.20	0.0	60.0	-12.98	-85.96	7.15	0.0	428.91	-2490.64	
						120.0	-12.98	-176.10	7.15	0.0	857.83	-1.039e+04	
188	61	0.0	1087.46	-0.56	-180.28	0.0	-16.72	4.80	9.06	0.0	0.0	0.0	0.0
		-1.032e+04	0.0	-0.12	0.0	60.0	-16.72	-85.34	9.06	0.0	543.73	-2453.82	
						120.0	-16.72	-175.49	9.06	0.0	1087.46	-1.032e+04	
188	62	0.0	1455.18	0.65	-180.28	0.0	15.49	-4.17	12.13	0.0	0.0	0.0	0.0
		-1.139e+04	0.0	-0.02	0.0	60.0	15.49	-94.31	12.13	0.0	727.59	-2991.96	
						120.0	15.49	-184.45	12.13	0.0	1455.18	-1.139e+04	
188	64	0.0	0.0	0.68	-180.28	0.0	16.72	-4.80	-9.06	0.0	0.0	0.0	0.0
		-1.132e+04	-1087.46	0.12	0.0	60.0	16.72	-94.94	-9.06	0.0	-543.73	-2954.61	
						120.0	16.72	-185.08	-9.06	0.0	-1087.46	-1.132e+04	
188	69	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	8.61e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	0.0	-8198.93
188	70	0.0	0.0	0.09	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	8.46e-04	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	0.0	-1.693e+04
188	71	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	8.61e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	0.0	-8198.93
188	72	0.0	0.0	0.07	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	8.53e-04	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	0.0	-1.256e+04
188	73	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	8.61e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	0.0	-8198.93
188	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	8.56e-04	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	0.0	-1.082e+04

189	1	0.0	0.0	0.06	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	2.24e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	0.0-1.066e+04
189	2	0.0	0.0	0.13	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	2.30e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	0.0-2.375e+04
189	3	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	1.73e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
189	6	0.0	7611.04	0.34	-180.28	0.0	2.05	-3.55	63.43	0.0	0.0	0.0
		-1.089e+04	0.0	-0.28	0.0	60.0	2.05	-93.69	63.43	0.0	3805.52	-2738.65
						120.0	2.05	-183.83	63.43	0.0	7611.04	-1.089e+04
189	7	0.0	0.0	-0.22	-180.28	0.0	-2.05	3.55	-63.43	0.0	0.0	0.0
		-1.075e+04	-7611.04	0.28	0.0	60.0	-2.05	-86.59	-63.43	0.0	-3805.52	-2669.78
						120.0	-2.05	-176.73	-63.43	0.0	-7611.04	-1.075e+04
189	29	0.0	1737.34	-1.06	-180.28	0.0	-30.62	7.53	14.48	0.0	0.0	0.0
		-1.172e+04	0.0	-0.26	0.0	60.0	-30.62	-82.61	14.48	0.0	868.67	-3156.02
						120.0	-30.62	-172.75	14.48	0.0	1737.34	-1.172e+04
189	30	20.92	2688.50	1.16	-180.28	0.0	27.99	-8.42	22.40	0.0	0.0	0.0
		-9806.04	0.0	0.05	0.0	60.0	27.99	-98.56	22.40	0.0	1344.25	-2198.81
						120.0	27.99	-188.70	22.40	0.0	2688.50	-9806.04
189	31	0.0	0.0	-1.04	-180.28	0.0	-27.99	8.42	-22.40	0.0	0.0	0.0
		-1.183e+04	-2688.50	-0.04	0.0	60.0	-27.99	-81.72	-22.40	0.0	-1344.25	-3209.62
						120.0	-27.99	-171.86	-22.40	0.0	-2688.50	-1.183e+04
189	32	14.22	0.0	1.17	-180.28	0.0	30.62	-7.53	-14.48	0.0	0.0	0.0
		-9913.24	-1737.34	0.26	0.0	60.0	30.62	-97.67	-14.48	0.0	-868.67	-2252.41
						120.0	30.62	-187.81	-14.48	0.0	-1737.34	-9913.24
189	38	0.0	4389.31	0.21	-180.28	0.0	0.93	-1.92	36.58	0.0	0.0	0.0
		-1.085e+04	0.0	-0.16	0.0	60.0	0.93	-92.06	36.58	0.0	2194.65	-2719.42
						120.0	0.93	-182.20	36.58	0.0	4389.31	-1.085e+04
189	39	0.0	0.0	-0.09	-180.28	0.0	-0.93	1.92	-36.58	0.0	0.0	0.0
		-1.079e+04	-4389.31	0.16	0.0	60.0	-0.93	-88.22	-36.58	0.0	-2194.65	-2689.00
						120.0	-0.93	-178.36	-36.58	0.0	-4389.31	-1.079e+04
189	56	0.0	0.0	0.61	-180.28	0.0	12.06	-3.38	-6.89	0.0	0.0	0.0
		-1.128e+04	-826.77	0.22	0.0	60.0	12.06	-93.52	-6.89	0.0	-413.39	-2936.85
						120.0	12.06	-183.66	-6.89	0.0	-826.77	-1.128e+04
189	61	0.0	1003.70	-0.53	-180.28	0.0	-16.49	4.02	8.36	0.0	0.0	0.0
		-1.130e+04	0.0	-0.14	0.0	60.0	-16.49	-86.12	8.36	0.0	501.85	-2945.49
						120.0	-16.49	-176.26	8.36	0.0	1003.70	-1.130e+04
189	63	0.0	0.0	-0.52	-180.28	0.0	-15.00	4.52	-12.91	0.0	0.0	0.0
		-1.136e+04	-1548.97	-0.02	0.0	60.0	-15.00	-85.62	-12.91	0.0	-774.48	-2975.54
						120.0	-15.00	-175.76	-12.91	0.0	-1548.97	-1.136e+04
189	64	0.0	0.0	0.65	-180.28	0.0	16.49	-4.02	-8.36	0.0	0.0	0.0
		-1.033e+04	-1003.70	0.14	0.0	60.0	16.49	-94.16	-8.36	0.0	-501.85	-2462.93
						120.0	16.49	-184.30	-8.36	0.0	-1003.70	-1.033e+04
189	69	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	1.73e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
189	70	0.0	0.0	0.09	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	1.76e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	0.0-1.693e+04
189	71	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	1.73e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
189	72	0.0	0.0	0.07	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	1.74e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	0.0-1.256e+04
189	73	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	1.73e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
189	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	1.74e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	0.0-1.082e+04
190	1	0.0	0.0	0.06	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	3.07e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	0.0-1.066e+04
190	2	0.0	0.0	0.14	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	3.18e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	0.0-2.375e+04
190	6	0.0	7598.07	0.32	-180.28	0.0	0.92	-0.10	63.32	0.0	0.0	0.0
		-1.127e+04	0.0	-0.26	0.0	60.0	0.92	-90.24	63.32	0.0	3799.03	-2929.39
						120.0	0.92	-180.38	63.32	0.0	7598.07	-1.127e+04
190	7	0.0	0.0	-0.19	-180.28	0.0	-0.92	0.10	-63.32	0.0	0.0	0.0
		-1.037e+04	-7598.07	0.26	0.0	60.0	-0.92	-90.04	-63.32	0.0	-3799.03	-2479.04
						120.0	-0.92	-180.18	-63.32	0.0	-7598.07	-1.037e+04
190	29	7.99	1531.07	-0.99	-180.28	0.0	-29.54	7.80	24.00	0.0	0.0	0.0
		-1.001e+04	0.0	-0.33	0.0	60.0	-29.54	-82.34	24.00	0.0	765.54	-2302.27

						120.0	-29.54	-172.49	24.00	0.0	1531.07	-1.001e+04
190	30	0.0	2879.81	1.09	-180.28	0.0	26.48	-6.70	12.76	0.0	0.0	0.0
		-1.175e+04	0.0	0.12	0.0	60.0	26.48	-96.84	12.76	0.0	1439.90	-3171.94
						120.0	26.48	-186.98	12.76	0.0	2879.81	-1.175e+04
190	31	16.21	0.0	-0.97	-180.28	0.0	-26.48	6.70	-12.76	0.0	0.0	0.0
		-9881.40	-2879.81	-0.12	0.0	60.0	-26.48	-83.44	-12.76	0.0	-1439.90	-2236.49
						120.0	-26.48	-173.58	-12.76	0.0	-2879.81	-9881.40
190	32	0.0	0.0	1.11	-180.28	0.0	29.54	-7.80	-24.00	0.0	0.0	0.0
		-1.162e+04	-1531.07	0.33	0.0	60.0	29.54	-97.94	-24.00	0.0	-765.54	-3106.15
						120.0	29.54	-188.08	-24.00	0.0	-1531.07	-1.162e+04
190	38	0.0	4381.34	0.20	-180.28	0.0	0.32	0.01	36.51	0.0	0.0	0.0
		-1.106e+04	0.0	-0.15	0.0	60.0	0.32	-90.13	36.51	0.0	2190.67	-2826.99
						120.0	0.32	-180.27	36.51	0.0	4381.34	-1.106e+04
190	39	0.0	0.0	-0.07	-180.28	0.0	-0.32	-0.01	-36.51	0.0	0.0	0.0
		-1.057e+04	-4381.34	0.16	0.0	60.0	-0.32	-90.15	-36.51	0.0	-2190.67	-2581.44
						120.0	-0.32	-180.29	-36.51	0.0	-4381.34	-1.057e+04
190	54	0.0	1743.72	0.56	-180.28	0.0	9.73	-3.08	14.53	0.0	0.0	0.0
		-1.126e+04	0.0	0.12	0.0	60.0	9.73	-93.22	14.53	0.0	871.86	-2925.99
						120.0	9.73	-183.36	14.53	0.0	1743.72	-1.126e+04
190	61	0.0	885.20	-0.49	-180.28	0.0	-15.84	4.16	13.82	0.0	0.0	0.0
		-1.039e+04	0.0	-0.18	0.0	60.0	-15.84	-85.98	13.82	0.0	442.60	-2491.41
						120.0	-15.84	-176.12	13.82	0.0	885.20	-1.039e+04
190	62	0.0	1658.68	0.61	-180.28	0.0	14.13	-3.55	7.38	0.0	0.0	0.0
		-1.132e+04	0.0	0.06	0.0	60.0	14.13	-93.69	7.38	0.0	829.34	-2954.09
						120.0	14.13	-183.83	7.38	0.0	1658.68	-1.132e+04
190	64	0.0	0.0	0.62	-180.28	0.0	15.84	-4.16	-13.82	0.0	0.0	0.0
		-1.124e+04	-885.20	0.18	0.0	60.0	15.84	-94.31	-13.82	0.0	-442.60	-2917.01
						120.0	15.84	-184.45	-13.82	0.0	-885.20	-1.124e+04
190	69	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.36e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
190	70	0.0	0.0	0.10	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	2.44e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
190	71	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.36e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
190	72	0.0	0.0	0.07	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	2.40e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
190	73	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.36e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
190	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	2.39e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
191	1	0.0	0.0	0.06	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	3.43e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
191	2	0.0	0.0	0.14	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	3.57e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
191	10	0.0	7490.59	0.30	-180.28	0.0	2.21	-0.55	62.42	0.0	0.0	0.0
		-1.041e+04	0.0	-0.26	0.0	60.0	2.21	-90.69	62.42	0.0	3745.29	-2499.24
						120.0	2.21	-180.83	62.42	0.0	7490.59	-1.041e+04
191	11	0.0	0.0	-0.17	-180.28	0.0	-2.21	0.55	-62.42	0.0	0.0	0.0
		-1.123e+04	-7490.59	0.26	0.0	60.0	-2.21	-89.59	-62.42	0.0	-3745.29	-2909.19
						120.0	-2.21	-179.73	-62.42	0.0	-7490.59	-1.123e+04
191	29	0.0	1309.21	-0.93	-180.28	0.0	-27.74	7.04	10.91	0.0	0.0	0.0
		-1.156e+04	0.0	-0.41	0.0	60.0	-27.74	-83.10	10.91	0.0	654.60	-3074.86
						120.0	-27.74	-173.24	10.91	0.0	1309.21	-1.156e+04
191	30	10.53	3030.25	1.02	-180.28	0.0	24.37	-6.18	25.25	0.0	0.0	0.0
		-9972.31	0.0	0.20	0.0	60.0	24.37	-96.32	25.25	0.0	1515.13	-2281.94
						120.0	24.37	-186.46	25.25	0.0	3030.25	-9972.31
191	31	0.0	0.0	-0.89	-180.28	0.0	-24.37	6.18	-25.25	0.0	0.0	0.0
		-1.166e+04	-3030.25	-0.20	0.0	60.0	-24.37	-83.96	-25.25	0.0	-1515.13	-3126.48
						120.0	-24.37	-174.10	-25.25	0.0	-3030.25	-1.166e+04
191	32	4.08	0.0	1.05	-180.28	0.0	27.74	-7.04	-10.91	0.0	0.0	0.0
		-1.008e+04	-1309.21	0.41	0.0	60.0	27.74	-97.18	-10.91	0.0	-654.60	-2333.57
						120.0	27.74	-187.32	-10.91	0.0	-1309.21	-1.008e+04
191	42	0.0	4318.72	0.18	-180.28	0.0	1.02	-0.24	35.99	0.0	0.0	0.0
		-1.059e+04	0.0	-0.15	0.0	60.0	1.02	-90.38	35.99	0.0	2159.36	-2592.90
						120.0	1.02	-180.52	35.99	0.0	4318.72	-1.059e+04
191	43	0.0	0.0	-0.06	-180.28	0.0	-1.02	0.24	-35.99	0.0	0.0	0.0
		-1.104e+04	-4318.72	0.16	0.0	60.0	-1.02	-89.90	-35.99	0.0	-2159.36	-2815.52
						120.0	-1.02	-180.04	-35.99	0.0	-4318.72	-1.104e+04
191	61	0.0	757.86	-0.46	-180.28	0.0	-14.79	3.74	6.32	0.0	0.0	0.0

		-1.121e+04	0.0	-0.22	0.0	60.0	-14.79	-86.40	6.32	0.0	378.93	-2899.35
						120.0	-14.79	-176.54	6.32	0.0	757.86	-1.121e+04
191	63	0.0	0.0	-0.44	-180.28	0.0	-12.91	3.25	-14.54	0.0	0.0	0.0
		-1.127e+04	-1744.57	-0.10	0.0	60.0	-12.91	-86.89	-14.54	0.0	-872.28	-2928.40
						120.0	-12.91	-177.03	-14.54	0.0	-1744.57	-1.127e+04
191	64	0.0	0.0	0.58	-180.28	0.0	14.79	-3.74	-6.32	0.0	0.0	0.0
		-1.043e+04	-757.86	0.23	0.0	60.0	14.79	-93.88	-6.32	0.0	-378.93	-2509.08
						120.0	14.79	-184.02	-6.32	0.0	-757.86	-1.043e+04
191	69	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.64e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
191	70	0.0	0.0	0.10	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	2.73e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
191	71	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.64e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
191	72	0.0	0.0	0.07	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	2.69e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
191	73	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.64e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
191	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	2.67e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
192	1	0.0	0.0	0.06	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	3.32e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
192	2	0.0	0.0	0.13	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	3.46e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
192	10	0.0	7481.09	0.22	-180.28	0.0	1.25	0.22	57.36	0.0	0.0	0.0
		-1.079e+04	0.0	-0.24	0.0	60.0	1.25	-89.92	57.36	0.0	3740.54	-2691.11
						120.0	1.25	-180.06	57.36	0.0	7481.09	-1.079e+04
192	11	0.0	0.0	-0.10	-180.28	0.0	-1.25	-0.22	-57.36	0.0	0.0	0.0
		-1.084e+04	-7481.09	0.24	0.0	60.0	-1.25	-90.36	-57.36	0.0	-3740.54	-2717.32
						120.0	-1.25	-180.50	-57.36	0.0	-7481.09	-1.084e+04
192	22	8.31	2841.41	0.84	-180.28	0.0	16.93	-5.51	23.68	0.0	0.0	0.0
		-1.001e+04	0.0	0.30	0.0	60.0	16.93	-95.65	23.68	0.0	1420.71	-2299.71
						120.0	16.93	-185.79	23.68	0.0	2841.41	-1.001e+04
192	23	0.0	0.0	-0.72	-180.28	0.0	-16.93	5.51	-23.68	0.0	0.0	0.0
		-1.163e+04	-2841.41	-0.29	0.0	60.0	-16.93	-84.63	-23.68	0.0	-1420.71	-3108.71
						120.0	-16.93	-174.77	-23.68	0.0	-2841.41	-1.163e+04
192	29	8.29	1159.24	-0.88	-180.28	0.0	-25.61	6.74	26.25	0.0	0.0	0.0
		-1.001e+04	0.0	-0.47	0.0	60.0	-25.61	-83.40	26.25	0.0	579.62	-2299.84
						120.0	-25.61	-173.54	26.25	0.0	1159.24	-1.001e+04
192	32	0.0	0.0	1.00	-180.28	0.0	25.61	-6.74	-26.25	0.0	0.0	0.0
		-1.163e+04	-1159.24	0.48	0.0	60.0	25.61	-96.88	-26.25	0.0	-579.62	-3108.58
						120.0	25.61	-187.02	-26.25	0.0	-1159.24	-1.163e+04
192	42	0.0	4312.44	0.14	-180.28	0.0	0.48	0.21	33.08	0.0	0.0	0.0
		-1.079e+04	0.0	-0.14	0.0	60.0	0.48	-89.93	33.08	0.0	2156.22	-2691.45
						120.0	0.48	-180.07	33.08	0.0	4312.44	-1.079e+04
192	43	0.0	0.0	-0.02	-180.28	0.0	-0.48	-0.21	-33.08	0.0	0.0	0.0
		-1.084e+04	-4312.44	0.15	0.0	60.0	-0.48	-90.35	-33.08	0.0	-2156.22	-2716.97
						120.0	-0.48	-180.49	-33.08	0.0	-4312.44	-1.084e+04
192	55	0.0	0.0	-0.35	-180.28	0.0	-9.12	2.94	-13.61	0.0	0.0	0.0
		-1.125e+04	-1633.07	-0.15	0.0	60.0	-9.12	-87.20	-13.61	0.0	-816.54	-2923.05
						120.0	-9.12	-177.34	-13.61	0.0	-1633.07	-1.125e+04
192	61	0.0	671.97	-0.43	-180.28	0.0	-13.59	3.58	15.11	0.0	0.0	0.0
		-1.039e+04	0.0	-0.26	0.0	60.0	-13.59	-86.56	15.11	0.0	335.99	-2489.19
						120.0	-13.59	-176.70	15.11	0.0	671.97	-1.039e+04
192	62	0.0	1812.81	0.52	-180.28	0.0	11.61	-2.87	5.60	0.0	0.0	0.0
		-1.116e+04	0.0	0.14	0.0	60.0	11.61	-93.02	5.60	0.0	906.41	-2876.70
						120.0	11.61	-183.16	5.60	0.0	1812.81	-1.116e+04
192	64	0.0	0.0	0.56	-180.28	0.0	13.59	-3.58	-15.11	0.0	0.0	0.0
		-1.125e+04	-671.97	0.26	0.0	60.0	13.59	-93.72	-15.11	0.0	-335.99	-2919.24
						120.0	13.59	-183.86	-15.11	0.0	-671.97	-1.125e+04
192	69	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.55e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
192	70	0.0	0.0	0.10	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	2.65e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
192	71	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.55e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93

192	72	0.0	0.0	0.07	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	2.60e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	0.0-1.256e+04
192	73	0.0	0.0	0.05	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.55e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
192	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	2.58e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	0.0-1.082e+04
193	1	0.0	0.0	0.05	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	2.74e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	0.0-1.066e+04
193	2	0.0	0.0	0.12	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	2.86e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	0.0-2.375e+04
193	10	0.0	7405.85	0.37	-180.28	0.0	0.56	0.68	61.72	0.0	0.0	0.0
		-1.074e+04	0.0	-0.23	0.0	60.0	0.56	-89.46	61.72	0.0	3702.93	-2663.57
						120.0	0.56	-179.60	61.72	0.0	7405.85-1.074e+04	
193	11	0.0	0.0	-0.26	-180.28	0.0	-0.56	-0.68	-61.72	0.0	0.0	0.0
		-1.090e+04	-7405.85	0.24	0.0	60.0	-0.56	-90.82	-61.72	0.0	-3702.93	-2744.85
						120.0	-0.56	-180.96	-61.72	0.0	-7405.85-1.090e+04	
193	21	10.60	1560.32	-0.67	-180.28	0.0	-20.19	7.05	22.45	0.0	0.0	0.0
		-9971.26	0.0	-0.51	0.0	60.0	-20.19	-83.09	22.45	0.0	780.16	-2281.42
						120.0	-20.19	-173.23	22.45	0.0	1560.32	-9971.26
193	24	0.0	0.0	0.78	-180.28	0.0	20.19	-7.05	-22.45	0.0	0.0	0.0
		-1.166e+04	-1560.32	0.51	0.0	60.0	20.19	-97.19	-22.45	0.0	-780.16	-3127.01
						120.0	20.19	-187.33	-22.45	0.0	-1560.32-1.166e+04	
193	29	7.03	1073.71	-0.76	-180.28	0.0	-23.86	6.57	8.95	0.0	0.0	0.0
		-1.003e+04	0.0	-0.51	0.0	60.0	-23.86	-83.57	8.95	0.0	536.85	-2309.98
						120.0	-23.86	-173.71	8.95	0.0	1073.71-1.003e+04	
193	32	0.0	0.0	0.88	-180.28	0.0	23.86	-6.57	-8.95	0.0	0.0	0.0
		-1.161e+04	-1073.71	0.51	0.0	60.0	23.86	-96.71	-8.95	0.0	-536.85	-3098.44
						120.0	23.86	-186.85	-8.95	0.0	-1073.71-1.161e+04	
193	42	0.0	4268.24	0.22	-180.28	0.0	0.09	0.47	35.57	0.0	0.0	0.0
		-1.076e+04	0.0	-0.14	0.0	60.0	0.09	-89.67	35.57	0.0	2134.12	-2675.82
						120.0	0.09	-179.81	35.57	0.0	4268.24-1.076e+04	
193	43	0.0	0.0	-0.11	-180.28	0.0	-0.09	-0.47	-35.57	0.0	0.0	0.0
		-1.087e+04	-4268.24	0.14	0.0	60.0	-0.09	-90.61	-35.57	0.0	-2134.12	-2732.60
						120.0	-0.09	-180.75	-35.57	0.0	-4268.24-1.087e+04	
193	54	0.0	1545.70	0.46	-180.28	0.0	9.06	-3.03	7.56	0.0	0.0	0.0
		-1.118e+04	0.0	0.16	0.0	60.0	9.06	-93.17	7.56	0.0	772.85	-2885.98
						120.0	9.06	-183.31	7.56	0.0	1545.70-1.118e+04	
193	56	0.0	0.0	0.44	-180.28	0.0	11.10	-3.87	-12.88	0.0	0.0	0.0
		-1.128e+04	-906.68	0.28	0.0	60.0	11.10	-94.01	-12.88	0.0	-453.34	-2936.40
						120.0	11.10	-184.15	-12.88	0.0	-906.68-1.128e+04	
193	61	0.0	623.04	-0.38	-180.28	0.0	-12.66	3.51	5.19	0.0	0.0	0.0
		-1.040e+04	0.0	-0.28	0.0	60.0	-12.66	-86.63	5.19	0.0	311.52	-2493.52
						120.0	-12.66	-176.77	5.19	0.0	623.04-1.040e+04	
193	64	0.0	0.0	0.49	-180.28	0.0	12.66	-3.51	-5.19	0.0	0.0	0.0
		-1.124e+04	-623.04	0.28	0.0	60.0	12.66	-93.65	-5.19	0.0	-311.52	-2914.91
						120.0	12.66	-183.79	-5.19	0.0	-623.04-1.124e+04	
193	69	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.10e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
193	70	0.0	0.0	0.09	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	2.18e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0-1.693e+04	
193	71	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.10e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
193	72	0.0	0.0	0.06	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	2.14e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	0.0-1.256e+04
193	73	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.10e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
193	74	0.0	0.0	0.06	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	2.13e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	0.0-1.082e+04
194	1	0.0	0.0	0.05	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	1.69e-03	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	0.0-1.066e+04
194	2	0.0	0.0	0.11	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	1.75e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	0.0-2.375e+04
194	10	0.0	7323.36	0.20	-180.28	0.0	0.06	3.75	55.89	0.0	0.0	0.0
		-1.037e+04	0.0	-0.24	0.0	60.0	0.06	-86.39	55.89	0.0	3661.68	-2479.09

						120.0	0.06	-176.53	55.89	0.0	7323.36	-1.037e+04
194	11	0.0	0.0	-0.10	-180.28	0.0	-0.06	-3.75	-55.89	0.0	0.0	0.0
		-1.127e+04	-7323.36	0.24	0.0	60.0	-0.06	-93.89	-55.89	0.0	-3661.68	-2929.33
						120.0	-0.06	-184.03	-55.89	0.0	-7323.36	-1.127e+04
194	22	12.72	2560.95	0.69	-180.28	0.0	16.09	-6.12	21.34	0.0	0.0	0.0
		-9937.27	0.0	0.28	0.0	60.0	16.09	-96.26	21.34	0.0	1280.48	-2264.42
						120.0	16.09	-186.40	21.34	0.0	2560.95	-9937.27
194	23	0.0	0.0	-0.60	-180.28	0.0	-16.09	6.12	-21.34	0.0	0.0	0.0
		-1.170e+04	-2560.95	-0.28	0.0	60.0	-16.09	-84.02	-21.34	0.0	-1280.48	-3144.00
						120.0	-16.09	-174.16	-21.34	0.0	-2560.95	-1.170e+04
194	29	0.0	1075.90	-0.75	-180.28	0.0	-23.29	-5.17	26.11	0.0	0.0	0.0
		-1.144e+04	0.0	-0.51	0.0	60.0	-23.29	-95.31	26.11	0.0	537.95	-3014.38
						120.0	-23.29	-185.45	26.11	0.0	1075.90	-1.144e+04
194	32	0.0	0.0	0.85	-180.28	0.0	23.29	5.17	-26.11	0.0	0.0	0.0
		-1.020e+04	-1075.90	0.51	0.0	60.0	23.29	-84.97	-26.11	0.0	-537.95	-2394.05
						120.0	23.29	-175.11	-26.11	0.0	-1075.90	-1.020e+04
194	42	0.0	4220.08	0.12	-180.28	0.0	-0.19	2.07	32.22	0.0	0.0	0.0
		-1.057e+04	0.0	-0.14	0.0	60.0	-0.19	-88.07	32.22	0.0	2110.04	-2579.96
						120.0	-0.19	-178.21	32.22	0.0	4220.08	-1.057e+04
194	43	0.0	0.0	-0.03	-180.28	0.0	0.19	-2.07	-32.22	0.0	0.0	0.0
		-1.107e+04	-4220.08	0.14	0.0	60.0	0.19	-92.21	-32.22	0.0	-2110.04	-2828.47
						120.0	0.19	-182.35	-32.22	0.0	-4220.08	-1.107e+04
194	55	0.0	0.0	-0.29	-180.28	0.0	-8.91	3.39	-12.23	0.0	0.0	0.0
		-1.131e+04	-1467.84	-0.14	0.0	60.0	-8.91	-86.76	-12.23	0.0	-733.92	-2948.55
						120.0	-8.91	-176.90	-12.23	0.0	-1467.84	-1.131e+04
194	61	0.0	624.23	-0.37	-180.28	0.0	-12.51	-2.74	15.02	0.0	0.0	0.0
		-1.115e+04	0.0	-0.28	0.0	60.0	-12.51	-92.88	15.02	0.0	312.12	-2868.77
						120.0	-12.51	-183.02	15.02	0.0	624.23	-1.115e+04
194	64	0.0	0.0	0.47	-180.28	0.0	12.51	2.74	-15.02	0.0	0.0	0.0
		-1.049e+04	-624.23	0.28	0.0	60.0	12.51	-87.40	-15.02	0.0	-312.12	-2539.65
						120.0	12.51	-177.54	-15.02	0.0	-624.23	-1.049e+04
194	69	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	1.30e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
194	70	0.0	0.0	0.08	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	1.34e-03	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
194	71	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	1.30e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
194	72	0.0	0.0	0.06	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	1.32e-03	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
194	73	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	1.30e-03	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
194	74	0.0	0.0	0.05	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	1.31e-03	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
195	1	0.0	0.0	0.05	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	8.96e-04	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
195	2	0.0	0.0	0.11	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	1.00e-03	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
195	3	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	6.89e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
195	10	0.0	7298.45	0.21	-180.28	0.0	-0.69	-5.03	60.82	0.0	0.0	0.0
		-1.060e+04	0.0	-0.24	0.0	60.0	-0.69	-95.17	60.82	0.0	3649.23	-2597.47
						120.0	-0.69	-185.31	60.82	0.0	7298.45	-1.060e+04
195	11	0.0	0.0	-0.11	-180.28	0.0	0.69	5.03	-60.82	0.0	0.0	0.0
		-1.103e+04	-7298.45	0.24	0.0	60.0	0.69	-85.11	-60.82	0.0	-3649.23	-2810.96
						120.0	0.69	-175.25	-60.82	0.0	-7298.45	-1.103e+04
195	21	12.60	1670.53	-0.54	-180.28	0.0	-19.75	5.27	13.92	0.0	0.0	0.0
		-9939.15	0.0	-0.53	0.0	60.0	-19.75	-84.87	13.92	0.0	835.27	-2265.36
						120.0	-19.75	-175.01	13.92	0.0	1670.53	-9939.15
195	24	0.0	0.0	0.64	-180.28	0.0	19.75	-5.27	-13.92	0.0	0.0	0.0
		-1.169e+04	-1670.53	0.53	0.0	60.0	19.75	-95.41	-13.92	0.0	-835.27	-3143.06
						120.0	19.75	-185.55	-13.92	0.0	-1670.53	-1.169e+04
195	29	6.09	1023.64	-0.63	-180.28	0.0	-24.39	4.40	8.53	0.0	0.0	0.0
		-1.004e+04	0.0	-0.56	0.0	60.0	-24.39	-85.74	8.53	0.0	511.82	-2317.47
						120.0	-24.39	-175.88	8.53	0.0	1023.64	-1.004e+04
195	32	0.0	0.0	0.73	-180.28	0.0	24.39	-4.40	-8.53	0.0	0.0	0.0
		-1.159e+04	-1023.64	0.56	0.0	60.0	24.39	-94.54	-8.53	0.0	-511.82	-3090.95
						120.0	24.39	-184.68	-8.53	0.0	-1023.64	-1.159e+04
195	42	0.0	4204.81	0.13	-180.28	0.0	-0.60	-2.82	35.04	0.0	0.0	0.0

		-1.069e+04	0.0	-0.14	0.0	60.0	-0.60	-92.96	35.04	0.0	2102.40	-2640.29
						120.0	-0.60	-183.10	35.04	0.0	4204.81	-1.069e+04
195	43	0.0	0.0	-0.04	-180.28	0.0	0.60	2.82	-35.04	0.0	0.0	0.0
		-1.094e+04	-4204.81	0.14	0.0	60.0	0.60	-87.32	-35.04	0.0	-2102.40	-2768.14
						120.0	0.60	-177.46	-35.04	0.0	-4204.81	-1.094e+04
195	56	0.0	0.0	0.36	-180.28	0.0	11.11	-2.92	-8.12	0.0	0.0	0.0
		-1.131e+04	-973.84	0.29	0.0	60.0	11.11	-93.06	-8.12	0.0	-486.92	-2949.48
						120.0	11.11	-183.20	-8.12	0.0	-973.84	-1.131e+04
195	61	0.0	594.88	-0.31	-180.28	0.0	-13.37	2.34	4.96	0.0	0.0	0.0
		-1.040e+04	0.0	-0.30	0.0	60.0	-13.37	-87.80	4.96	0.0	297.44	-2493.94
						120.0	-13.37	-177.94	4.96	0.0	594.88	-1.040e+04
195	64	0.0	0.0	0.41	-180.28	0.0	13.37	-2.34	-4.96	0.0	0.0	0.0
		-1.124e+04	-594.88	0.31	0.0	60.0	13.37	-92.48	-4.96	0.0	-297.44	-2914.48
						120.0	13.37	-182.62	-4.96	0.0	-594.88	-1.124e+04
195	69	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	6.89e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
195	70	0.0	0.0	0.08	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	7.60e-04	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
195	71	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	6.89e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
195	72	0.0	0.0	0.06	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	7.25e-04	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
195	73	0.0	0.0	0.04	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	6.89e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
195	74	0.0	0.0	0.05	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	7.11e-04	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
196	1	0.0	0.0	0.04	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	3.06e-04	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	-1.066e+04
196	2	0.0	0.0	0.11	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	4.36e-04	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	-2.375e+04
196	4	0.0	0.0	0.10	-354.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.129e+04	0.0	3.65e-04	0.0	60.0	0.0	-177.40	0.0	0.0	0.0	-5322.13
						120.0	0.0	-354.81	0.0	0.0	0.0	-2.129e+04
196	10	0.0	7328.32	0.19	-180.28	0.0	-1.62	2.02	56.30	0.0	0.0	0.0
		-1.057e+04	0.0	-0.24	0.0	60.0	-1.62	-88.12	56.30	0.0	3664.16	-2582.84
						120.0	-1.62	-178.26	56.30	0.0	7328.32	-1.057e+04
196	11	0.0	0.0	-0.09	-180.28	0.0	1.62	-2.02	-56.30	0.0	0.0	0.0
		-1.106e+04	-7328.32	0.24	0.0	60.0	1.62	-92.16	-56.30	0.0	-3664.16	-2825.59
						120.0	1.62	-182.30	-56.30	0.0	-7328.32	-1.106e+04
196	21	10.43	1733.76	-0.45	-180.28	0.0	-19.42	7.02	20.76	0.0	0.0	0.0
		-9973.91	0.0	-0.54	0.0	60.0	-19.42	-83.12	20.76	0.0	866.88	-2282.74
						120.0	-19.42	-173.26	20.76	0.0	1733.76	-9973.91
196	24	0.0	0.0	0.54	-180.28	0.0	19.42	-7.02	-20.76	0.0	0.0	0.0
		-1.166e+04	-1733.76	0.54	0.0	60.0	19.42	-97.16	-20.76	0.0	-866.88	-3125.68
						120.0	19.42	-187.31	-20.76	0.0	-1733.76	-1.166e+04
196	29	5.56	1158.65	-0.53	-180.28	0.0	-26.76	6.38	25.56	0.0	0.0	0.0
		-1.005e+04	0.0	-0.58	0.0	60.0	-26.76	-83.76	25.56	0.0	579.33	-2321.67
						120.0	-26.76	-173.91	25.56	0.0	1158.65	-1.005e+04
196	32	0.0	0.0	0.62	-180.28	0.0	26.76	-6.38	-25.56	0.0	0.0	0.0
		-1.158e+04	-1158.65	0.58	0.0	60.0	26.76	-96.52	-25.56	0.0	-579.33	-3086.75
						120.0	26.76	-186.66	-25.56	0.0	-1158.65	-1.158e+04
196	42	0.0	4221.17	0.12	-180.28	0.0	-1.11	1.20	32.46	0.0	0.0	0.0
		-1.067e+04	0.0	-0.14	0.0	60.0	-1.11	-88.94	32.46	0.0	2110.59	-2632.42
						120.0	-1.11	-179.08	32.46	0.0	4221.17	-1.067e+04
196	43	0.0	0.0	-0.02	-180.28	0.0	1.11	-1.20	-32.46	0.0	0.0	0.0
		-1.096e+04	-4221.17	0.14	0.0	60.0	1.11	-91.34	-32.46	0.0	-2110.59	-2776.00
						120.0	1.11	-181.48	-32.46	0.0	-4221.17	-1.096e+04
196	56	0.0	0.0	0.31	-180.28	0.0	11.02	-3.94	-11.85	0.0	0.0	0.0
		-1.129e+04	-1012.57	0.29	0.0	60.0	11.02	-94.08	-11.85	0.0	-506.28	-2940.85
						120.0	11.02	-184.22	-11.85	0.0	-1012.57	-1.129e+04
196	61	0.0	674.15	-0.26	-180.28	0.0	-14.97	3.51	14.67	0.0	0.0	0.0
		-1.040e+04	0.0	-0.31	0.0	60.0	-14.97	-86.63	14.67	0.0	337.08	-2493.87
						120.0	-14.97	-176.78	14.67	0.0	674.15	-1.040e+04
196	64	0.0	0.0	0.35	-180.28	0.0	14.97	-3.51	-14.67	0.0	0.0	0.0
		-1.124e+04	-674.15	0.31	0.0	60.0	14.97	-93.65	-14.67	0.0	-337.08	-2914.55
						120.0	14.97	-183.79	-14.67	0.0	-674.15	-1.124e+04
196	69	0.0	0.0	0.03	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.36e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93

196	70	0.0	0.0	0.08	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	3.22e-04	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	0.0-1.693e+04
196	71	0.0	0.0	0.03	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.36e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
196	72	0.0	0.0	0.06	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	2.79e-04	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	0.0-1.256e+04
196	73	0.0	0.0	0.03	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	2.36e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
196	74	0.0	0.0	0.05	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	2.61e-04	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	0.0-1.082e+04
197	1	0.0	0.0	0.04	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-1.10e-04	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65
						120.0	0.0	-177.64	0.0	0.0	0.0	0.0-1.066e+04
197	2	0.0	0.0	0.11	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	1.76e-05	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	0.0-2.375e+04
197	10	0.0	7487.50	0.15	-180.28	0.0	-2.13	-4.39	58.73	0.0	0.0	0.0
		-1.096e+04	0.0	-0.25	0.0	60.0	-2.13	-94.53	58.73	0.0	3743.75	-2774.61
						120.0	-2.13	-184.67	58.73	0.0	7487.50	-1.096e+04
197	11	0.0	0.0	-0.06	-180.28	0.0	2.13	4.39	-58.73	0.0	0.0	0.0
		-1.068e+04	-7487.50	0.25	0.0	60.0	2.13	-85.75	-58.73	0.0	-3743.75	-2633.81
						120.0	2.13	-175.89	-58.73	0.0	-7487.50	-1.068e+04
197	22	0.0	2568.54	0.43	-180.28	0.0	12.52	-6.49	14.93	0.0	0.0	0.0
		-1.160e+04	0.0	0.30	0.0	60.0	12.52	-96.63	14.93	0.0	1284.27	-3093.39
						120.0	12.52	-186.77	14.93	0.0	2568.54	-1.160e+04
197	23	6.39	0.0	-0.34	-180.28	0.0	-12.52	6.49	-14.93	0.0	0.0	0.0
		-1.004e+04	-2568.54	-0.30	0.0	60.0	-12.52	-83.65	-14.93	0.0	-1284.27	-2315.03
						120.0	-12.52	-173.79	-14.93	0.0	-2568.54	-1.004e+04
197	29	0.0	1447.36	-0.43	-180.28	0.0	-29.10	4.53	24.28	0.0	0.0	0.0
		-1.156e+04	0.0	-0.56	0.0	60.0	-29.10	-85.61	24.28	0.0	723.68	-3076.40
						120.0	-29.10	-175.75	24.28	0.0	1447.36	-1.156e+04
197	32	4.27	0.0	0.52	-180.28	0.0	29.10	-4.53	-24.28	0.0	0.0	0.0
		-1.007e+04	-1447.36	0.56	0.0	60.0	29.10	-94.67	-24.28	0.0	-723.68	-2332.03
						120.0	29.10	-184.81	-24.28	0.0	-1447.36	-1.007e+04
197	42	0.0	4312.45	0.10	-180.28	0.0	-1.37	-2.48	33.87	0.0	0.0	0.0
		-1.090e+04	0.0	-0.15	0.0	60.0	-1.37	-92.62	33.87	0.0	2156.22	-2746.00
						120.0	-1.37	-182.76	33.87	0.0	4312.45	-1.090e+04
197	43	0.0	0.0	-0.01	-180.28	0.0	1.37	2.48	-33.87	0.0	0.0	0.0
		-1.073e+04	-4312.45	0.15	0.0	60.0	1.37	-87.66	-33.87	0.0	-2156.22	-2662.42
						120.0	1.37	-177.80	-33.87	0.0	-4312.45	-1.073e+04
197	54	0.0	1468.31	0.25	-180.28	0.0	7.09	-3.65	8.71	0.0	0.0	0.0
		-1.126e+04	0.0	0.16	0.0	60.0	7.09	-93.80	8.71	0.0	734.15	-2923.49
						120.0	7.09	-183.94	8.71	0.0	1468.31	-1.126e+04
197	61	0.0	842.62	-0.21	-180.28	0.0	-16.50	2.49	13.92	0.0	0.0	0.0
		-1.123e+04	0.0	-0.30	0.0	60.0	-16.50	-87.65	13.92	0.0	421.31	-2911.01
						120.0	-16.50	-177.79	13.92	0.0	842.62	-1.123e+04
197	63	0.0	0.0	-0.19	-180.28	0.0	-13.02	3.45	-7.02	0.0	0.0	0.0
		-1.112e+04	-1670.35	-0.17	0.0	60.0	-13.02	-86.69	-7.02	0.0	-835.17	-2853.86
						120.0	-13.02	-176.83	-7.02	0.0	-1670.35	-1.112e+04
197	64	0.0	0.0	0.29	-180.28	0.0	16.50	-2.49	-13.92	0.0	0.0	0.0
		-1.040e+04	-842.62	0.30	0.0	60.0	16.50	-92.63	-13.92	0.0	-421.31	-2497.41
						120.0	16.50	-182.77	-13.92	0.0	-842.62	-1.040e+04
197	69	0.0	0.0	0.03	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-8.43e-05	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
197	70	0.0	0.0	0.07	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	0.0	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	0.0-1.693e+04
197	71	0.0	0.0	0.03	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-8.43e-05	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
197	72	0.0	0.0	0.05	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-4.19e-05	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	0.0-1.256e+04
197	73	0.0	0.0	0.03	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-8.43e-05	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
197	74	0.0	0.0	0.04	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-5.89e-05	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	0.0-1.082e+04
198	1	0.0	0.0	0.03	-177.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.066e+04	0.0	-3.51e-04	0.0	60.0	0.0	-88.82	0.0	0.0	0.0	-2664.65

						120.0	0.0	-177.64	0.0	0.0	0.0	0.0	-1.066e+04
198	2	0.0	0.0	0.09	-395.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.375e+04	0.0	-2.53e-04	0.0	60.0	0.0	-197.90	0.0	0.0	0.0	0.0	-5937.05
						120.0	0.0	-395.80	0.0	0.0	0.0	0.0	-2.375e+04
198	10	0.0	7762.28	0.11	-180.28	0.0	-1.55	-3.55	62.20	0.0	0.0	0.0	0.0
		-1.124e+04	0.0	-0.27	0.0	60.0	-1.55	-93.69	62.20	0.0	3881.14	-2917.31	
						120.0	-1.55	-183.83	62.20	0.0	7762.28	-1.124e+04	
198	11	0.0	0.0	-0.03	-180.28	0.0	1.55	3.55	-62.20	0.0	0.0	0.0	0.0
		-1.039e+04	-7762.28	0.27	0.0	60.0	1.55	-86.59	-62.20	0.0	-3881.14	-2491.12	
						120.0	1.55	-176.73	-62.20	0.0	-7762.28	-1.039e+04	
198	29	0.0	1785.98	-0.33	-180.28	0.0	-30.22	4.98	23.18	0.0	0.0	0.0	0.0
		-1.022e+04	0.0	-0.49	0.0	60.0	-30.22	-85.16	23.18	0.0	892.99	-2405.20	
						120.0	-30.22	-175.30	23.18	0.0	1785.98	-1.022e+04	
198	30	0.0	2781.77	0.38	-180.28	0.0	24.37	-6.12	14.88	0.0	0.0	0.0	0.0
		-1.155e+04	0.0	0.27	0.0	60.0	24.37	-96.26	14.88	0.0	1390.88	-3071.15	
						120.0	24.37	-186.40	14.88	0.0	2781.77	-1.155e+04	
198	31	3.61	0.0	-0.31	-180.28	0.0	-24.37	6.12	-14.88	0.0	0.0	0.0	0.0
		-1.008e+04	-2781.77	-0.27	0.0	60.0	-24.37	-84.02	-14.88	0.0	-1390.88	-2337.27	
						120.0	-24.37	-174.17	-14.88	0.0	-2781.77	-1.008e+04	
198	32	0.0	0.0	0.41	-180.28	0.0	30.22	-4.98	-23.18	0.0	0.0	0.0	0.0
		-1.141e+04	-1785.98	0.49	0.0	60.0	30.22	-95.12	-23.18	0.0	-892.99	-3003.23	
						120.0	30.22	-185.26	-23.18	0.0	-1785.98	-1.141e+04	
198	42	0.0	4470.97	0.07	-180.28	0.0	-1.00	-2.00	35.87	0.0	0.0	0.0	0.0
		-1.106e+04	0.0	-0.16	0.0	60.0	-1.00	-92.14	35.87	0.0	2235.49	-2824.49	
						120.0	-1.00	-182.29	35.87	0.0	4470.97	-1.106e+04	
198	43	0.0	0.0	5.23e-03	-180.28	0.0	1.00	2.00	-35.87	0.0	0.0	0.0	0.0
		-1.058e+04	-4470.97	0.16	0.0	60.0	1.00	-88.14	-35.87	0.0	-2235.49	-2583.94	
						120.0	1.00	-178.28	-35.87	0.0	-4470.97	-1.058e+04	
198	61	0.0	1039.73	-0.16	-180.28	0.0	-17.26	2.79	13.28	0.0	0.0	0.0	0.0
		-1.048e+04	0.0	-0.27	0.0	60.0	-17.26	-87.35	13.28	0.0	519.86	-2536.86	
						120.0	-17.26	-177.49	13.28	0.0	1039.73	-1.048e+04	
198	62	0.0	1593.05	0.22	-180.28	0.0	13.86	-3.43	8.66	0.0	0.0	0.0	0.0
		-1.123e+04	0.0	0.14	0.0	60.0	13.86	-93.57	8.66	0.0	796.53	-2910.14	
						120.0	13.86	-183.71	8.66	0.0	1593.05	-1.123e+04	
198													

		-1.103e+04	-4697.93	0.19	0.0	60.0	2.33	-91.92	-37.97	0.0	-2348.97	-2810.93
						120.0	2.33	-182.06	-37.97	0.0	-4697.93	-1.103e+04
199	56	0.0	0.0	0.14	-180.28	0.0	8.21	2.55	-13.54	0.0	0.0	0.0
		-1.051e+04	-1151.94	0.18	0.0	60.0	8.21	-87.59	-13.54	0.0	-575.97	-2551.48
						120.0	8.21	-177.74	-13.54	0.0	-1151.94	-1.051e+04
199	61	0.0	1207.23	-0.11	-180.28	0.0	-17.02	-2.95	13.08	0.0	0.0	0.0
		-1.040e+04	0.0	-0.21	0.0	60.0	-17.02	-93.09	13.08	0.0	603.62	-2493.44
						120.0	-17.02	-183.23	13.08	0.0	1207.23	-1.040e+04
199	64	0.0	0.0	0.17	-180.28	0.0	17.02	2.95	-13.08	0.0	0.0	0.0
		-1.124e+04	-1207.23	0.21	0.0	60.0	17.02	-87.19	-13.08	0.0	-603.62	-2914.98
						120.0	17.02	-177.33	-13.08	0.0	-1207.23	-1.124e+04
199	69	0.0	0.0	0.02	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-3.21e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
199	70	0.0	0.0	0.05	-282.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.693e+04	0.0	-2.93e-04	0.0	60.0	0.0	-141.04	0.0	0.0	0.0	-4231.33
						120.0	0.0	-282.09	0.0	0.0	0.0	-1.693e+04
199	71	0.0	0.0	0.02	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-3.21e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
199	72	0.0	0.0	0.03	-209.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.256e+04	0.0	-3.07e-04	0.0	60.0	0.0	-104.68	0.0	0.0	0.0	-3140.53
						120.0	0.0	-209.37	0.0	0.0	0.0	-1.256e+04
199	73	0.0	0.0	0.02	-136.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8198.93	0.0	-3.21e-04	0.0	60.0	0.0	-68.32	0.0	0.0	0.0	-2049.73
						120.0	0.0	-136.65	0.0	0.0	0.0	-8198.93
199	74	0.0	0.0	0.03	-180.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.082e+04	0.0	-3.13e-04	0.0	60.0	0.0	-90.14	0.0	0.0	0.0	-2704.21
						120.0	0.0	-180.28	0.0	0.0	0.0	-1.082e+04
200	1	0.0	0.0	9.19e-03	-145.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-9675.81	0.0	-3.10e-04	0.0	60.0	0.0	-84.53	0.0	0.0	0.0	-2652.95
						120.0	0.0	-145.66	0.0	0.0	0.0	-9675.81
200	2	0.0	0.0	0.05	-319.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.140e+04	0.0	-3.48e-04	0.0	60.0	0.0	-187.67	0.0	0.0	0.0	-5909.15
						120.0	0.0	-319.54	0.0	0.0	0.0	-2.140e+04
200	6	0.0	7342.64	0.05	-146.82	0.0	-0.69	1.64	61.19	0.0	0.0	0.0
		-9985.26	0.0	-0.34	0.0	60.0	-0.69	-84.01	61.19	0.0	3671.32	-2790.26
						120.0	-0.69	-145.19	61.19	0.0	7342.64	-9985.26
200	7	0.0	0.0	-0.02	-146.82	0.0	0.69	-1.64	-61.19	0.0	0.0	0.0
		-9592.12	-7342.64	0.34	0.0	60.0	0.69	-87.29	-61.19	0.0	-3671.32	-2593.69
						120.0	0.69	-148.46	-61.19	0.0	-7342.64	-9592.12
200	29	0.0	1981.98	-0.15	-146.82	0.0	-25.55	-4.33	19.83	0.0	0.0	0.0
		-1.051e+04	0.0	-0.22	0.0	60.0	-25.55	-89.98	19.83	0.0	990.99	-3054.70
						120.0	-25.55	-151.16	19.83	0.0	1981.98	-1.051e+04
200	32	0.0	0.0	0.17	-146.82	0.0	25.55	4.33	-19.83	0.0	0.0	0.0
		-9063.24	-1981.98	0.22	0.0	60.0	25.55	-81.32	-19.83	0.0	-990.99	-2329.25
						120.0	25.55	-142.49	-19.83	0.0	-1981.98	-9063.24
200	38	0.0	4233.73	0.03	-146.82	0.0	-0.40	0.94	35.28	0.0	0.0	0.0
		-9901.09	0.0	-0.20	0.0	60.0	-0.40	-84.72	35.28	0.0	2116.87	-2748.17
						120.0	-0.40	-145.89	35.28	0.0	4233.73	-9901.09
200	39	0.0	0.0	-6.20e-03	-146.82	0.0	0.40	-0.94	-35.28	0.0	0.0	0.0
		-9676.29	-4233.73	0.19	0.0	60.0	0.40	-86.59	-35.28	0.0	-2116.87	-2635.77
						120.0	0.40	-147.76	-35.28	0.0	-4233.73	-9676.29
200	61	0.0	1145.62	-0.07	-146.82	0.0	-14.66	-2.47	11.41	0.0	0.0	0.0
		-1.020e+04	0.0	-0.12	0.0	60.0	-14.66	-88.12	11.41	0.0	572.81	-2898.91
						120.0	-14.66	-149.29	11.41	0.0	1145.62	-1.020e+04
200	64	0.0	0.0	0.10	-146.82	0.0	14.66	2.47	-11.41	0.0	0.0	0.0
		-9374.80	-1145.62	0.12	0.0	60.0	14.66	-83.18	-11.41	0.0	-572.81	-2485.03
						120.0	14.66	-144.35	-11.41	0.0	-1145.62	-9374.80
200	69	0.0	0.0	7.07e-03	-112.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7442.93	0.0	-2.39e-04	0.0	60.0	0.0	-65.02	0.0	0.0	0.0	-2040.73
						120.0	0.0	-112.05	0.0	0.0	0.0	-7442.93
200	70	0.0	0.0	0.03	-227.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.526e+04	0.0	-2.64e-04	0.0	60.0	0.0	-133.78	0.0	0.0	0.0	-4211.53
						120.0	0.0	-227.97	0.0	0.0	0.0	-1.526e+04
200	71	0.0	0.0	7.07e-03	-112.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7442.93	0.0	-2.39e-04	0.0	60.0	0.0	-65.02	0.0	0.0	0.0	-2040.73
						120.0	0.0	-112.05	0.0	0.0	0.0	-7442.93
200	72	0.0	0.0	0.02	-170.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.135e+04	0.0	-2.51e-04	0.0	60.0	0.0	-99.40	0.0	0.0	0.0	-3126.13
						120.0	0.0	-170.01	0.0	0.0	0.0	-1.135e+04
200	73	0.0	0.0	7.07e-03	-112.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7442.93	0.0	-2.39e-04	0.0	60.0	0.0	-65.02	0.0	0.0	0.0	-2040.73
						120.0	0.0	-112.05	0.0	0.0	0.0	-7442.93
200	74	0.0	0.0	0.01	-146.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-9788.69	0.0	-2.46e-04	0.0	60.0	0.0	-85.65	0.0	0.0	0.0	-2691.97
						120.0	0.0	-146.82	0.0	0.0	0.0	-9788.69

201	1	0.0	0.0	-0.09	-146.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-9700.33	0.0	-3.10e-04	0.0	60.0	0.0	-84.74	0.0	0.0	0.0	-2659.08
						120.0	0.0	-146.07	0.0	0.0	0.0	-9700.33
201	2	0.0	0.0	-0.06	-320.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.146e+04	0.0	-3.48e-04	0.0	60.0	0.0	-188.16	0.0	0.0	0.0	-5923.77
						120.0	0.0	-320.52	0.0	0.0	0.0	-2.146e+04
201	3	0.0	0.0	-0.07	-112.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7461.79	0.0	-2.39e-04	0.0	60.0	0.0	-65.18	0.0	0.0	0.0	-2045.45
						120.0	0.0	-112.36	0.0	0.0	0.0	-7461.79
201	9	0.0	0.0	-0.16	-147.25	0.0	-32.83	7.00	-19.07	0.0	0.0	0.0
		-1.065e+04	-2287.82	0.15	0.0	60.0	-32.83	-78.87	-19.07	0.0	-1143.91	-3118.42
						120.0	-32.83	-140.25	-19.07	0.0	-2287.82	-1.065e+04
201	10	0.0	194.80	-0.16	-147.25	0.0	-33.40	5.57	1.62	0.0	0.0	0.0
		-1.048e+04	0.0	0.11	0.0	60.0	-33.40	-80.30	1.62	0.0	97.40	-3032.32
						120.0	-33.40	-141.69	1.62	0.0	194.80	-1.048e+04
201	11	0.0	0.0	0.03	-147.25	0.0	33.40	-5.57	-1.62	0.0	0.0	0.0
		-9146.47	-194.80	-0.11	0.0	60.0	33.40	-91.43	-1.62	0.0	-97.40	-2364.45
						120.0	33.40	-152.82	-1.62	0.0	-194.80	-9146.47
201	12	7.00	2287.82	0.04	-147.25	0.0	32.83	-7.00	19.07	0.0	0.0	0.0
		-8974.27	0.0	-0.16	0.0	60.0	32.83	-92.87	19.07	0.0	1143.91	-2278.35
						120.0	32.83	-154.25	19.07	0.0	2287.82	-8974.27
201	29	0.0	0.0	-0.10	-147.25	0.0	-8.98	4.28	-37.10	0.0	0.0	0.0
		-1.033e+04	-4451.64	0.12	0.0	60.0	-8.98	-81.59	-37.10	0.0	-2225.82	-2954.98
						120.0	-8.98	-142.98	-37.10	0.0	-4451.64	-1.033e+04
201	32	0.0	4451.64	-0.02	-147.25	0.0	8.98	-4.28	37.10	0.0	0.0	0.0
		-9301.15	0.0	-0.12	0.0	60.0	8.98	-90.14	37.10	0.0	2225.82	-2441.79
						120.0	8.98	-151.53	37.10	0.0	4451.64	-9301.15
201	41	0.0	0.0	-0.12	-147.25	0.0	-18.92	4.02	-10.92	0.0	0.0	0.0
		-1.030e+04	-1310.96	0.09	0.0	60.0	-18.92	-81.85	-10.92	0.0	-655.48	-2939.61
						120.0	-18.92	-143.23	-10.92	0.0	-1310.96	-1.030e+04
201	42	0.0	117.55	-0.12	-147.25	0.0	-19.25	3.21	0.98	0.0	0.0	0.0
		-1.020e+04	0.0	0.06	0.0	60.0	-19.25	-82.66	0.98	0.0	58.77	-2890.78
						120.0	-19.25	-144.05	0.98	0.0	117.55	-1.020e+04
201	43	0.0	0.0	-5.87e-03	-147.25	0.0	19.25	-3.21	-0.98	0.0	0.0	0.0
		-9429.55	-117.55	-0.06	0.0	60.0	19.25	-89.07	-0.98	0.0	-58.77	-2505.99
						120.0	19.25	-150.46	-0.98	0.0	-117.55	-9429.55
201	55	0.0	0.0	-0.05	-147.25	0.0	6.23	0.06	-4.24	0.0	0.0	0.0
		-9821.33	-509.07	-0.04	0.0	60.0	6.23	-85.81	-4.24	0.0	-254.54	-2701.88
						120.0	6.23	-147.19	-4.24	0.0	-509.07	-9821.33
201	61	0.0	0.0	-0.08	-147.25	0.0	-5.18	2.44	-21.33	0.0	0.0	0.0
		-1.011e+04	-2559.85	0.07	0.0	60.0	-5.18	-83.43	-21.33	0.0	-1279.93	-2844.80
						120.0	-5.18	-144.81	-21.33	0.0	-2559.85	-1.011e+04
201	64	0.0	2559.85	-0.04	-147.25	0.0	5.18	-2.44	21.33	0.0	0.0	0.0
		-9521.51	0.0	-0.07	0.0	60.0	5.18	-88.31	21.33	0.0	1279.93	-2551.97
						120.0	5.18	-149.69	21.33	0.0	2559.85	-9521.51
201	69	0.0	0.0	-0.07	-112.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7461.79	0.0	-2.39e-04	0.0	60.0	0.0	-65.18	0.0	0.0	0.0	-2045.45
						120.0	0.0	-112.36	0.0	0.0	0.0	-7461.79
201	70	0.0	0.0	-0.05	-228.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.530e+04	0.0	-2.64e-04	0.0	60.0	0.0	-134.13	0.0	0.0	0.0	-4221.91
						120.0	0.0	-228.66	0.0	0.0	0.0	-1.530e+04
201	71	0.0	0.0	-0.07	-112.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7461.79	0.0	-2.39e-04	0.0	60.0	0.0	-65.18	0.0	0.0	0.0	-2045.45
						120.0	0.0	-112.36	0.0	0.0	0.0	-7461.79
201	72	0.0	0.0	-0.06	-170.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.138e+04	0.0	-2.51e-04	0.0	60.0	0.0	-99.66	0.0	0.0	0.0	-3133.68
						120.0	0.0	-170.51	0.0	0.0	0.0	-1.138e+04
201	73	0.0	0.0	-0.07	-112.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7461.79	0.0	-2.39e-04	0.0	60.0	0.0	-65.18	0.0	0.0	0.0	-2045.45
						120.0	0.0	-112.36	0.0	0.0	0.0	-7461.79
201	74	0.0	0.0	-0.06	-147.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-9814.34	0.0	-2.46e-04	0.0	60.0	0.0	-85.87	0.0	0.0	0.0	-2698.39
						120.0	0.0	-147.25	0.0	0.0	0.0	-9814.34
202	1	0.0	0.0	-0.09	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	-6.11e-05	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.72
						120.0	0.0	-178.45	0.0	0.0	0.0	-1.071e+04
202	2	0.0	0.0	-0.06	-397.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	-1.11e-04	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.83
						120.0	0.0	-397.73	0.0	0.0	0.0	-2.386e+04
202	5	0.0	1309.10	-0.19	-181.12	0.0	-33.71	6.33	10.91	0.0	0.0	0.0
		-1.170e+04	0.0	0.33	0.0	60.0	-33.71	-84.23	10.91	0.0	654.55	-3134.14
						120.0	-33.71	-174.80	10.91	0.0	1309.10	-1.170e+04
202	8	9.71	0.0	0.06	-181.12	0.0	33.71	-6.33	-10.91	0.0	0.0	0.0
		-1.003e+04	-1309.10	-0.33	0.0	60.0	33.71	-96.89	-10.91	0.0	-654.55	-2299.54
						120.0	33.71	-187.45	-10.91	0.0	-1309.10	-1.003e+04
202	10	0.0	3210.62	-0.18	-181.12	0.0	-32.97	6.29	26.76	0.0	0.0	0.0
		-1.171e+04	0.0	0.25	0.0	60.0	-32.97	-84.27	26.76	0.0	1605.31	-3136.43

						120.0	-32.97	-174.84	26.76	0.0	3210.62	-1.171e+04
202	11	10.00	0.0	0.05	-181.12	0.0	32.97	-6.29	-26.76	0.0	0.0	0.0
		-1.003e+04	-3210.62	-0.25	0.0	60.0	32.97	-96.85	-26.76	0.0	-1605.31	-2297.24
						120.0	32.97	-187.41	-26.76	0.0	-3210.62	-1.003e+04
202	30	0.0	5419.11	-0.09	-181.12	0.0	-8.87	0.82	45.16	0.0	0.0	0.0
		-1.125e+04	0.0	-0.12	0.0	60.0	-8.87	-89.74	45.16	0.0	2709.55	-2906.82
						120.0	-8.87	-180.31	45.16	0.0	5419.11	-1.125e+04
202	31	0.0	0.0	-0.04	-181.12	0.0	8.87	-0.82	-45.16	0.0	0.0	0.0
		-1.049e+04	-5419.11	0.12	0.0	60.0	8.87	-91.38	-45.16	0.0	-2709.55	-2526.86
						120.0	8.87	-181.94	-45.16	0.0	-5419.11	-1.049e+04
202	37	0.0	746.49	-0.14	-181.12	0.0	-19.42	3.64	6.22	0.0	0.0	0.0
		-1.135e+04	0.0	0.19	0.0	60.0	-19.42	-86.92	6.22	0.0	373.24	-2956.66
						120.0	-19.42	-177.48	6.22	0.0	746.49	-1.135e+04
202	40	0.0	0.0	9.03e-03	-181.12	0.0	19.42	-3.64	-6.22	0.0	0.0	0.0
		-1.039e+04	-746.49	-0.19	0.0	60.0	19.42	-94.20	-6.22	0.0	-373.24	-2477.02
						120.0	19.42	-184.77	-6.22	0.0	-746.49	-1.039e+04
202	42	0.0	1839.68	-0.13	-181.12	0.0	-18.99	3.62	15.33	0.0	0.0	0.0
		-1.135e+04	0.0	0.14	0.0	60.0	-18.99	-86.94	15.33	0.0	919.84	-2957.89
						120.0	-18.99	-177.50	15.33	0.0	1839.68	-1.135e+04
202	60	0.0	653.65	-0.05	-181.12	0.0	2.20	0.06	5.45	0.0	0.0	0.0
		-1.086e+04	0.0	-0.07	0.0	60.0	2.20	-90.50	5.45	0.0	326.82	-2713.27
						120.0	2.20	-181.07	5.45	0.0	653.65	-1.086e+04
202	62	0.0	3114.43	-0.08	-181.12	0.0	-5.11	0.49	25.95	0.0	0.0	0.0
		-1.108e+04	0.0	-0.07	0.0	60.0	-5.11	-90.07	25.95	0.0	1557.22	-2825.13
						120.0	-5.11	-180.64	25.95	0.0	3114.43	-1.108e+04
202	63	0.0	0.0	-0.05	-181.12	0.0	5.11	-0.49	-25.95	0.0	0.0	0.0
		-1.065e+04	-3114.43	0.07	0.0	60.0	5.11	-91.05	-25.95	0.0	-1557.22	-2608.55
						120.0	5.11	-181.61	-25.95	0.0	-3114.43	-1.065e+04
202	69	0.0	0.0	-0.07	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.12	0.0	-4.70e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.02
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.12
202	70	0.0	0.0	-0.05	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	-8.04e-05	0.0	60.0	0.0	-141.73	0.0	0.0	0.0	-4251.76
						120.0	0.0	-283.45	0.0	0.0	0.0	-1.701e+04
202	71	0.0	0.0	-0.07	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.12	0.0	-4.70e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.02
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.12
202	72	0.0	0.0	-0.06	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	-6.37e-05	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.39
						120.0	0.0	-210.36	0.0	0.0	0.0	-1.262e+04
202	73	0.0	0.0	-0.07	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.12	0.0	-4.70e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.02
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.12
202	74	0.0	0.0	-0.07	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	-5.70e-05	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.84
						120.0	0.0	-181.12	0.0	0.0	0.0	-1.087e+04
203	1	0.0	0.0	-0.10	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	6.33e-05	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	-1.071e+04
203	2	0.0	0.0	-0.07	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	1.27e-05	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	-2.386e+04
203	5	0.0	1530.07	-0.23	-181.12	0.0	-34.76	6.80	12.75	0.0	0.0	0.0
		-1.168e+04	0.0	0.41	0.0	60.0	-34.76	-83.76	12.75	0.0	765.03	-3124.91
						120.0	-34.76	-174.32	12.75	0.0	1530.07	-1.168e+04
203	8	8.56	0.0	0.08	-181.12	0.0	34.76	-6.80	-12.75	0.0	0.0	0.0
		-1.005e+04	-1530.07	-0.40	0.0	60.0	34.76	-97.36	-12.75	0.0	-765.03	-2308.73
						120.0	34.76	-187.92	-12.75	0.0	-1530.07	-1.005e+04
203	10	0.0	3471.76	-0.22	-181.12	0.0	-33.86	6.16	28.93	0.0	0.0	0.0
		-1.169e+04	0.0	0.30	0.0	60.0	-33.86	-84.40	28.93	0.0	1735.88	-3128.77
						120.0	-33.86	-174.96	28.93	0.0	3471.76	-1.169e+04
203	11	9.04	0.0	0.07	-181.12	0.0	33.86	-6.16	-28.93	0.0	0.0	0.0
		-1.004e+04	-3471.76	-0.30	0.0	60.0	33.86	-96.72	-28.93	0.0	-1735.88	-2304.87
						120.0	33.86	-187.28	-28.93	0.0	-3471.76	-1.004e+04
203	30	0.0	5573.41	-0.11	-181.12	0.0	-9.10	0.78	46.45	0.0	0.0	0.0
		-1.124e+04	0.0	-0.15	0.0	60.0	-9.10	-89.78	46.45	0.0	2786.71	-2904.53
						120.0	-9.10	-180.34	46.45	0.0	5573.41	-1.124e+04
203	31	0.0	0.0	-0.04	-181.12	0.0	9.10	-0.78	-46.45	0.0	0.0	0.0
		-1.049e+04	-5573.41	0.15	0.0	60.0	9.10	-91.34	-46.45	0.0	-2786.71	-2529.10
						120.0	9.10	-181.90	-46.45	0.0	-5573.41	-1.049e+04
203	37	0.0	873.68	-0.16	-181.12	0.0	-20.00	3.91	7.28	0.0	0.0	0.0
		-1.134e+04	0.0	0.23	0.0	60.0	-20.00	-86.65	7.28	0.0	436.84	-2951.20
						120.0	-20.00	-177.21	7.28	0.0	873.68	-1.134e+04
203	40	0.0	0.0	0.01	-181.12	0.0	20.00	-3.91	-7.28	0.0	0.0	0.0
		-1.040e+04	-873.68	-0.23	0.0	60.0	20.00	-94.47	-7.28	0.0	-436.84	-2482.44
						120.0	20.00	-185.03	-7.28	0.0	-873.68	-1.040e+04
203	42	0.0	1989.62	-0.16	-181.12	0.0	-19.48	3.54	16.58	0.0	0.0	0.0

		-1.134e+04	0.0	0.17	0.0	60.0	-19.48	-87.02	16.58	0.0	994.81	-2953.36
						120.0	-19.48	-177.58	16.58	0.0	1989.62	-1.134e+04
203	52	0.0	204.02	-0.02	-181.12	0.0	8.39	-2.60	1.70	0.0	0.0	0.0
		-1.118e+04	0.0	-0.19	0.0	60.0	8.39	-93.16	1.70	0.0	102.01	-2873.03
						120.0	8.39	-183.72	1.70	0.0	204.02	-1.118e+04
203	62	0.0	3202.36	-0.10	-181.12	0.0	-5.24	0.46	26.69	0.0	0.0	0.0
		-1.108e+04	0.0	-0.09	0.0	60.0	-5.24	-90.10	26.69	0.0	1601.18	-2824.01
						120.0	-5.24	-180.66	26.69	0.0	3202.36	-1.108e+04
203	63	0.0	0.0	-0.05	-181.12	0.0	5.24	-0.46	-26.69	0.0	0.0	0.0
		-1.065e+04	-3202.36	0.09	0.0	60.0	5.24	-91.02	-26.69	0.0	-1601.18	-2609.63
						120.0	5.24	-181.58	-26.69	0.0	-3202.36	-1.065e+04
203	69	0.0	0.0	-0.08	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	4.87e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
203	70	0.0	0.0	-0.06	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	1.50e-05	0.0	60.0	0.0	-141.72	0.0	0.0	0.0	-4251.73
						120.0	0.0	-283.45	0.0	0.0	0.0	-1.701e+04
203	71	0.0	0.0	-0.08	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	4.87e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
203	72	0.0	0.0	-0.07	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	3.18e-05	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	-1.262e+04
203	73	0.0	0.0	-0.08	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	4.87e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
203	74	0.0	0.0	-0.07	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	3.86e-05	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	-1.087e+04
204	1	0.0	0.0	-0.12	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	6.29e-05	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	-1.071e+04
204	2	0.0	0.0	-0.09	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	2.33e-05	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	-2.386e+04
204	3	0.0	0.0	-0.09	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	4.84e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
204	5	0.0	1388.87	-0.27	-181.12	0.0	-40.16	7.14	11.57	0.0	0.0	0.0
		-1.163e+04	0.0	0.35	0.0	60.0	-40.16	-83.42	11.57	0.0	694.44	-3099.59
						120.0	-40.16	-173.98	11.57	0.0	1388.87	-1.163e+04
204	8	5.40	0.0	0.10	-181.12	0.0	40.16	-7.14	-11.57	0.0	0.0	0.0
		-1.010e+04	-1388.87	-0.35	0.0	60.0	40.16	-97.70	-11.57	0.0	-694.44	-2334.05
						120.0	40.16	-188.26	-11.57	0.0	-1388.87	-1.010e+04
204	9	0.0	322.70	-0.27	-181.12	0.0	-39.85	7.28	2.69	0.0	0.0	0.0
		-1.174e+04	0.0	0.39	0.0	60.0	-39.85	-83.28	2.69	0.0	161.35	-3153.81
						120.0	-39.85	-173.84	2.69	0.0	322.70	-1.174e+04
204	12	12.17	0.0	0.10	-181.12	0.0	39.85	-7.28	-2.69	0.0	0.0	0.0
		-9993.31	-322.70	-0.39	0.0	60.0	39.85	-97.84	-2.69	0.0	-161.35	-2279.83
						120.0	39.85	-188.40	-2.69	0.0	-322.70	-9993.31
204	30	0.0	5607.66	-0.13	-181.12	0.0	-10.56	0.28	46.73	0.0	0.0	0.0
		-1.090e+04	0.0	-0.16	0.0	60.0	-10.56	-90.28	46.73	0.0	2803.83	-2733.81
						120.0	-10.56	-180.84	46.73	0.0	5607.66	-1.090e+04
204	31	0.0	0.0	-0.04	-181.12	0.0	10.56	-0.28	-46.73	0.0	0.0	0.0
		-1.083e+04	-5607.66	0.16	0.0	60.0	10.56	-90.84	-46.73	0.0	-2803.83	-2699.83
						120.0	10.56	-181.40	-46.73	0.0	-5607.66	-1.083e+04
204	37	0.0	792.81	-0.19	-181.12	0.0	-23.10	4.10	6.61	0.0	0.0	0.0
		-1.131e+04	0.0	0.19	0.0	60.0	-23.10	-86.46	6.61	0.0	396.40	-2936.66
						120.0	-23.10	-177.02	6.61	0.0	792.81	-1.131e+04
204	40	0.0	0.0	0.02	-181.12	0.0	23.10	-4.10	-6.61	0.0	0.0	0.0
		-1.043e+04	-792.81	-0.19	0.0	60.0	23.10	-94.66	-6.61	0.0	-396.40	-2496.98
						120.0	23.10	-185.22	-6.61	0.0	-792.81	-1.043e+04
204	41	0.0	179.36	-0.19	-181.12	0.0	-22.92	4.18	1.49	0.0	0.0	0.0
		-1.137e+04	0.0	0.22	0.0	60.0	-22.92	-86.38	1.49	0.0	89.68	-2967.55
						120.0	-22.92	-176.94	1.49	0.0	179.36	-1.137e+04
204	43	0.0	0.0	0.02	-181.12	0.0	22.48	-3.58	-16.03	0.0	0.0	0.0
		-1.044e+04	-1923.73	-0.14	0.0	60.0	22.48	-94.14	-16.03	0.0	-961.87	-2501.89
						120.0	22.48	-184.70	-16.03	0.0	-1923.73	-1.044e+04
204	62	0.0	3222.76	-0.11	-181.12	0.0	-6.09	0.17	26.86	0.0	0.0	0.0
		-1.089e+04	0.0	-0.09	0.0	60.0	-6.09	-90.39	26.86	0.0	1611.38	-2727.00
						120.0	-6.09	-180.95	26.86	0.0	3222.76	-1.089e+04
204	63	0.0	0.0	-0.06	-181.12	0.0	6.09	-0.17	-26.86	0.0	0.0	0.0
		-1.085e+04	-3222.76	0.09	0.0	60.0	6.09	-90.73	-26.86	0.0	-1611.38	-2706.64
						120.0	6.09	-181.29	-26.86	0.0	-3222.76	-1.085e+04
204	69	0.0	0.0	-0.09	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	4.84e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01

204	70	0.0	0.0	-0.07	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	2.20e-05	0.0	60.0	0.0	-141.72	0.0	0.0	0.0	-4251.73
						120.0	0.0	-283.45	0.0	0.0	0.0	0.0-1.701e+04
204	71	0.0	0.0	-0.09	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	4.84e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
204	72	0.0	0.0	-0.08	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	3.52e-05	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	0.0-1.262e+04
204	73	0.0	0.0	-0.09	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	4.84e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
204	74	0.0	0.0	-0.09	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	4.05e-05	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	0.0-1.087e+04
205	1	0.0	0.0	-0.14	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	-6.24e-05	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	0.0-1.071e+04
205	2	0.0	0.0	-0.11	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	-7.94e-05	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	0.0-2.386e+04
205	5	16.10	851.59	-0.32	-181.12	0.0	-46.02	7.81	-14.46	0.0	0.0	0.0
		-9930.49	0.0	0.17	0.0	60.0	-46.02	-82.75	-14.46	0.0	425.80	-2248.43
						120.0	-46.02	-173.31	-14.46	0.0	851.59	-9930.49
205	8	0.0	0.0	0.12	-181.12	0.0	46.02	-7.81	14.46	0.0	0.0	0.0
		-1.180e+04	-851.59	-0.17	0.0	60.0	46.02	-98.37	14.46	0.0	-425.80	-3185.21
						120.0	46.02	-188.93	14.46	0.0	-851.59	-1.180e+04
205	10	17.54	2830.36	-0.32	-181.12	0.0	-44.80	6.83	2.03	0.0	0.0	0.0
		-9907.44	0.0	0.10	0.0	60.0	-44.80	-83.73	2.03	0.0	1415.18	-2236.90
						120.0	-44.80	-174.29	2.03	0.0	2830.36	-9907.44
205	11	0.0	0.0	0.12	-181.12	0.0	44.80	-6.83	-2.03	0.0	0.0	0.0
		-1.183e+04	-2830.36	-0.10	0.0	60.0	44.80	-97.39	-2.03	0.0	-1415.18	-3196.74
						120.0	44.80	-187.95	-2.03	0.0	-2830.36	-1.183e+04
205	30	0.0	5511.88	-0.16	-181.12	0.0	-12.11	0.28	39.47	0.0	0.0	0.0
		-1.037e+04	0.0	-0.15	0.0	60.0	-12.11	-90.28	39.47	0.0	2755.94	-2466.55
						120.0	-12.11	-180.84	39.47	0.0	5511.88	-1.037e+04
205	31	0.0	0.0	-0.04	-181.12	0.0	12.11	-0.28	-39.47	0.0	0.0	0.0
		-1.137e+04	-5511.88	0.15	0.0	60.0	12.11	-90.84	-39.47	0.0	-2755.94	-2967.09
						120.0	12.11	-181.40	-39.47	0.0	-5511.88	-1.137e+04
205	37	0.0	484.16	-0.23	-181.12	0.0	-26.47	4.48	-8.26	0.0	0.0	0.0
		-1.033e+04	0.0	0.09	0.0	60.0	-26.47	-86.08	-8.26	0.0	242.08	-2448.01
						120.0	-26.47	-176.64	-8.26	0.0	484.16	-1.033e+04
205	40	0.0	0.0	0.03	-181.12	0.0	26.47	-4.48	8.26	0.0	0.0	0.0
		-1.140e+04	-484.16	-0.09	0.0	60.0	26.47	-95.04	8.26	0.0	-242.08	-2985.63
						120.0	26.47	-185.60	8.26	0.0	-484.16	-1.140e+04
205	43	0.0	0.0	0.02	-181.12	0.0	25.77	-3.92	-1.22	0.0	0.0	0.0
		-1.142e+04	-1622.47	-0.05	0.0	60.0	25.77	-94.48	-1.22	0.0	-811.23	-2992.25
						120.0	25.77	-185.04	-1.22	0.0	-1622.47	-1.142e+04
205	52	0.0	463.50	-7.31e-03	-181.12	0.0	15.46	-3.97	3.86	0.0	0.0	0.0
		-1.039e+04	0.0	-0.10	0.0	60.0	15.46	-94.54	3.86	0.0	231.75	-2478.34
						120.0	15.46	-185.10	3.86	0.0	463.50	-1.039e+04
205	62	0.0	3169.69	-0.14	-181.12	0.0	-6.98	0.16	22.72	0.0	0.0	0.0
		-1.058e+04	0.0	-0.09	0.0	60.0	-6.98	-90.40	22.72	0.0	1584.85	-2573.38
						120.0	-6.98	-180.96	22.72	0.0	3169.69	-1.058e+04
205	63	0.0	0.0	-0.07	-181.12	0.0	6.98	-0.16	-22.72	0.0	0.0	0.0
		-1.115e+04	-3169.69	0.09	0.0	60.0	6.98	-90.72	-22.72	0.0	-1584.85	-2860.26
						120.0	6.98	-181.28	-22.72	0.0	-3169.69	-1.115e+04
205	69	0.0	0.0	-0.11	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-4.80e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
205	70	0.0	0.0	-0.09	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	-5.94e-05	0.0	60.0	0.0	-141.72	0.0	0.0	0.0	-4251.73
						120.0	0.0	-283.45	0.0	0.0	0.0	0.0-1.701e+04
205	71	0.0	0.0	-0.11	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-4.80e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
205	72	0.0	0.0	-0.10	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	-5.37e-05	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	0.0-1.262e+04
205	73	0.0	0.0	-0.11	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-4.80e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
205	74	0.0	0.0	-0.10	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	-5.14e-05	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	0.0-1.087e+04
206	1	0.0	0.0	-0.16	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	-3.12e-04	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70

						120.0	0.0	-178.45	0.0	0.0	0.0	0.0	0.0	-1.071e+04
206	2	0.0	0.0	-0.14	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	-2.95e-04	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	0.0	0.0	-2.386e+04
206	5	0.0	224.64	-0.37	-181.12	0.0	-48.55	-8.52	-8.89	0.0	0.0	0.0	0.0	0.0
		-1.189e+04	0.0	-0.03	0.0	60.0	-48.55	-99.09	-8.89	0.0	112.32	-3228.29		
						120.0	-48.55	-189.65	-8.89	0.0	224.64	-1.189e+04		
206	8	21.48	0.0	0.14	-181.12	0.0	48.55	8.52	8.89	0.0	0.0	0.0	0.0	0.0
		-9844.33	-224.64	0.03	0.0	60.0	48.55	-82.04	8.89	0.0	-112.32	-2205.35		
						120.0	48.55	-172.60	8.89	0.0	-224.64	-9844.33		
206	9	0.0	0.0	-0.38	-181.12	0.0	-48.32	-8.63	-18.34	0.0	0.0	0.0	0.0	0.0
		-1.190e+04	-908.68	0.03	0.0	60.0	-48.32	-99.19	-18.34	0.0	-454.34	-3234.55		
						120.0	-48.32	-189.75	-18.34	0.0	-908.68	-1.190e+04		
206	12	22.27	908.68	0.14	-181.12	0.0	48.32	8.63	18.34	0.0	0.0	0.0	0.0	0.0
		-9831.82	0.0	-0.03	0.0	60.0	48.32	-81.93	18.34	0.0	454.34	-2199.09		
						120.0	48.32	-172.49	18.34	0.0	908.68	-9831.82		
206	30	0.0	5376.02	-0.19	-181.12	0.0	-12.47	-1.66	41.57	0.0	0.0	0.0	0.0	0.0
		-1.107e+04	0.0	-0.11	0.0	60.0	-12.47	-92.22	41.57	0.0	2688.01	-2816.61		
						120.0	-12.47	-182.78	41.57	0.0	5376.02	-1.107e+04		
206	31	0.0	0.0	-0.05	-181.12	0.0	12.47	1.66	-41.57	0.0	0.0	0.0	0.0	0.0
		-1.067e+04	-5376.02	0.11	0.0	60.0	12.47	-88.90	-41.57	0.0	-2688.01	-2617.03		
						120.0	12.47	-179.46	-41.57	0.0	-5376.02	-1.067e+04		
206	37	0.0	128.18	-0.27	-181.12	0.0	-27.93	-4.90	-5.11	0.0	0.0	0.0	0.0	0.0
		-1.146e+04	0.0	-0.01	0.0	60.0	-27.93	-95.46	-5.11	0.0	64.09	-3010.95		
						120.0	-27.93	-186.02	-5.11	0.0	128.18	-1.146e+04		
206	40	0.0	0.0	0.03	-181.12	0.0	27.93	4.90	5.11	0.0	0.0	0.0	0.0	0.0
		-1.028e+04	-128.18	0.01	0.0	60.0	27.93	-85.66	5.11	0.0	-64.09	-2422.69		
						120.0	27.93	-176.22	5.11	0.0	-128.18	-1.028e+04		
206	41	0.0	0.0	-0.27	-181.12	0.0	-27.80	-4.96	-10.55	0.0	0.0	0.0	0.0	0.0
		-1.146e+04	-524.64	0.02	0.0	60.0	-27.80	-95.52	-10.55	0.0	-262.32	-3014.55		
						120.0	-27.80	-186.08	-10.55	0.0	-524.64	-1.146e+04		
206	51	0.0	0.0	-9.58e-03	-181.12	0.0	17.08	-4.38	-9.86	0.0	0.0	0.0	0.0	0.0
		-1.139e+04	-1183.14	0.02	0.0	60.0	17.08	-94.94	-9.86	0.0	-591.57	-2979.77		
						120.0	17.08	-185.50	-9.86	0.0	-1183.14	-1.139e+04		
206	62	0.0	3095.65	-0.16	-181.12	0.0	-7.17	-0.96	23.94	0.0	0.0	0.0	0.0	0.0
		-1.098e+04	0.0	-0.07	0.0	60.0	-7.17	-91.52	23.94	0.0	1547.82	-2774.18		
						120.0	-7.17	-182.08	23.94	0.0	3095.65	-1.098e+04		
206	63	0.0	0.0	-0.08	-181.12	0.0	7.17	0.96	-23.94	0.0	0.0	0.0	0.0	0.0
		-1.075e+04	-3095.65	0.07	0.0	60.0	7.17	-89.60	-23.94	0.0	-1547.82	-2659.46		
						120.0	7.17	-180.17	-23.94	0.0	-3095.65	-1.075e+04		
206	69	0.0	0.0	-0.12	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-2.40e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	0.0	0.0	-8236.01
206	70	0.0	0.0	-0.11	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	-2.29e-04	0.0	60.0	0.0	-141.72	0.0	0.0	0.0	0.0	0.0	-4251.73
						120.0	0.0	-283.45	0.0	0.0	0.0	0.0	0.0	-1.701e+04
206	71	0.0	0.0	-0.12	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-2.40e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	0.0	0.0	-8236.01
206	72	0.0	0.0	-0.12	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	-2.35e-04	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	0.0	0.0	-1.262e+04
206	73	0.0	0.0	-0.12	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-2.40e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	0.0	0.0	-8236.01
206	74	0.0	0.0	-0.12	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	-2.37e-04	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	0.0	0.0	-1.087e+04
207	1	0.0	0.0	-0.16	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	5.99e-04	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	0.0	0.0	-1.071e+04
207	2	0.0	0.0	-0.14	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	6.84e-04	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	0.0	0.0	-2.386e+04
207	5	0.0	0.0	-0.36	-181.12	0.0	-46.56	-8.47	-12.43	0.0	0.0	0.0	0.0	0.0
		-1.188e+04	-1491.08	-0.45	0.0	60.0	-46.56	-99.03	-12.43	0.0	-745.54	-3224.80		
						120.0	-46.56	-189.59	-12.43	0.0	-1491.08	-1.188e+04		
207	8	21.05	1491.08	0.13	-181.12	0.0	46.56	8.47	12.43	0.0	0.0	0.0	0.0	0.0
		-9851.31	0.0	0.45	0.0	60.0	46.56	-82.09	12.43	0.0	745.54	-2208.83		
						120.0	46.56	-172.65	12.43	0.0	1491.08	-9851.31		
207	9	0.0	0.0	-0.36	-181.12	0.0	-46.57	-8.11	-20.81	0.0	0.0	0.0	0.0	0.0
		-1.184e+04	-2496.75	-0.42	0.0	60.0	-46.57	-98.67	-20.81	0.0	-1248.38	-3203.47		
						120.0	-46.57	-189.23	-20.81	0.0	-2496.75	-1.184e+04		
207	12	18.38	2496.75	0.13	-181.12	0.0	46.57	8.11	20.81	0.0	0.0	0.0	0.0	0.0
		-9893.97	0.0	0.42	0.0	60.0	46.57	-82.45	20.81	0.0	1248.38	-2230.16		
						120.0	46.57	-173.01	20.81	0.0	2496.75	-9893.97		
207	29	0.0	0.0	-0.19	-181.12	0.0	-16.03	-1.94	-43.26	0.0	0.0	0.0	0.0	0.0

		-1.110e+04	-5190.95	0.07	0.0	60.0	-16.03	-92.50	-43.26	0.0	-2595.48	-2833.41
						120.0	-16.03	-183.06	-43.26	0.0	-5190.95	-1.110e+04
207	32	0.0	5190.95	-0.04	-181.12	0.0	16.03	1.94	43.26	0.0	0.0	0.0
		-1.063e+04	0.0	-0.07	0.0	60.0	16.03	-88.62	43.26	0.0	2595.48	-2600.23
						120.0	16.03	-179.18	43.26	0.0	5190.95	-1.063e+04
207	37	0.0	0.0	-0.26	-181.12	0.0	-26.80	-4.87	-7.18	0.0	0.0	0.0
		-1.145e+04	-862.00	-0.26	0.0	60.0	-26.80	-95.44	-7.18	0.0	-431.00	-3009.29
						120.0	-26.80	-186.00	-7.18	0.0	-862.00	-1.145e+04
207	41	0.0	0.0	-0.26	-181.12	0.0	-26.81	-4.67	-12.01	0.0	0.0	0.0
		-1.143e+04	-1440.66	-0.24	0.0	60.0	-26.81	-95.23	-12.01	0.0	-720.33	-2997.20
						120.0	-26.81	-185.79	-12.01	0.0	-1440.66	-1.143e+04
207	42	0.0	243.92	-0.26	-181.12	0.0	-26.02	-4.86	2.03	0.0	0.0	0.0
		-1.145e+04	0.0	-0.30	0.0	60.0	-26.02	-95.42	2.03	0.0	121.96	-3008.13
						120.0	-26.02	-185.98	2.03	0.0	243.92	-1.145e+04
207	44	0.0	1440.66	0.02	-181.12	0.0	26.81	4.67	12.01	0.0	0.0	0.0
		-1.031e+04	0.0	0.24	0.0	60.0	26.81	-85.89	12.01	0.0	720.33	-2436.44
						120.0	26.81	-176.45	12.01	0.0	1440.66	-1.031e+04
207	61	0.0	0.0	-0.16	-181.12	0.0	-9.23	-1.13	-24.89	0.0	0.0	0.0
		-1.100e+04	-2987.16	0.04	0.0	60.0	-9.23	-91.69	-24.89	0.0	-1493.58	-2784.36
						120.0	-9.23	-182.25	-24.89	0.0	-2987.16	-1.100e+04
207	64	0.0	2987.16	-0.07	-181.12	0.0	9.23	1.13	24.89	0.0	0.0	0.0
		-1.073e+04	0.0	-0.04	0.0	60.0	9.23	-89.43	24.89	0.0	1493.58	-2649.28
						120.0	9.23	-180.00	24.89	0.0	2987.16	-1.073e+04
207	69	0.0	0.0	-0.12	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	4.61e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
207	70	0.0	0.0	-0.11	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	5.18e-04	0.0	60.0	0.0	-141.72	0.0	0.0	0.0	-4251.73
						120.0	0.0	-283.45	0.0	0.0	0.0	-1.701e+04
207	71	0.0	0.0	-0.12	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	4.61e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
207	72	0.0	0.0	-0.11	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	4.89e-04	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	-1.262e+04
207	73	0.0	0.0	-0.12	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	4.61e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
207	74	0.0	0.0	-0.12	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	4.78e-04	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	-1.087e+04
208	1	0.0	0.0	-0.16	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	1.07e-03	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	-1.071e+04
208	2	0.0	0.0	-0.13	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	1.18e-03	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	-2.386e+04
208	9	16.12	0.0	-0.35	-181.12	0.0	-42.54	7.81	-23.05	0.0	0.0	0.0
		-9930.10	-2766.54	-0.50	0.0	60.0	-42.54	-82.75	-23.05	0.0	-1383.27	-2248.23
						120.0	-42.54	-173.31	-23.05	0.0	-2766.54	-9930.10
208	12	0.0	2766.54	0.11	-181.12	0.0	42.54	-7.81	23.05	0.0	0.0	0.0
		-1.180e+04	0.0	0.50	0.0	60.0	42.54	-98.37	23.05	0.0	1383.27	-3185.41
						120.0	42.54	-188.93	23.05	0.0	2766.54	-1.180e+04
208	18	18.85	2777.50	-0.33	-181.12	0.0	-34.68	8.17	0.49	0.0	0.0	0.0
		-9886.49	0.0	0.10	0.0	60.0	-34.68	-82.39	0.49	0.0	1388.75	-2226.43
						120.0	-34.68	-172.95	0.49	0.0	2777.50	-9886.49
208	19	0.0	0.0	0.09	-181.12	0.0	34.68	-8.17	-0.49	0.0	0.0	0.0
		-1.185e+04	-2777.50	-0.09	0.0	60.0	34.68	-98.73	-0.49	0.0	-1388.75	-3207.21
						120.0	34.68	-189.29	-0.49	0.0	-2777.50	-1.185e+04
208	34	0.0	5134.48	-0.18	-181.12	0.0	-8.76	2.73	35.99	0.0	0.0	0.0
		-1.054e+04	0.0	-0.19	0.0	60.0	-8.76	-87.83	35.99	0.0	2567.24	-2553.28
						120.0	-8.76	-178.40	35.99	0.0	5134.48	-1.054e+04
208	35	0.0	0.0	-0.05	-181.12	0.0	8.76	-2.73	-35.99	0.0	0.0	0.0
		-1.119e+04	-5134.48	0.19	0.0	60.0	8.76	-93.29	-35.99	0.0	-2567.24	-2880.36
						120.0	8.76	-183.85	-35.99	0.0	-5134.48	-1.119e+04
208	41	0.0	0.0	-0.25	-181.12	0.0	-24.49	4.50	-13.31	0.0	0.0	0.0
		-1.033e+04	-1596.98	-0.29	0.0	60.0	-24.49	-86.06	-13.31	0.0	-798.49	-2447.02
						120.0	-24.49	-176.62	-13.31	0.0	-1596.98	-1.033e+04
208	44	0.0	1596.98	0.02	-181.12	0.0	24.49	-4.50	13.31	0.0	0.0	0.0
		-1.141e+04	0.0	0.29	0.0	60.0	24.49	-95.06	13.31	0.0	798.49	-2986.61
						120.0	24.49	-185.62	13.31	0.0	1596.98	-1.141e+04
208	51	0.0	0.0	8.98e-03	-181.12	0.0	20.00	-4.71	-0.26	0.0	0.0	0.0
		-1.143e+04	-1598.36	-0.05	0.0	60.0	20.00	-95.27	-0.26	0.0	-799.18	-2999.57
						120.0	20.00	-185.83	-0.26	0.0	-1598.36	-1.143e+04
208	52	0.0	31.35	8.49e-03	-181.12	0.0	20.62	-4.61	13.32	0.0	0.0	0.0
		-1.142e+04	0.0	-0.13	0.0	60.0	20.62	-95.17	13.32	0.0	15.68	-2993.42
						120.0	20.62	-185.73	13.32	0.0	31.35	-1.142e+04

208	66	0.0 -1.068e+04	2951.24 0.0	-0.16 -0.11	-181.12 0.0	0.0 60.0 120.0	-5.05 -5.05 -5.05	1.57 -88.99 -179.55	20.68 20.68 20.68	0.0 0.0 0.0	0.0 1475.62 2951.24	0.0 -2622.66 -1.068e+04
208	67	0.0 -1.106e+04	0.0 -2951.24	-0.08 0.11	-181.12 0.0	0.0 60.0 120.0	5.05 5.05 5.05	-1.57 -92.13 -182.69	-20.68 -20.68 -20.68	0.0 0.0 0.0	0.0 -1475.62 -2951.24	0.0 -2810.97 -1.106e+04
208	69	0.0 -8236.01	0.0 0.0	-0.12 8.23e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -68.63 -137.27	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2059.00 -8236.01
208	70	0.0 -1.701e+04	0.0 0.0	-0.11 8.97e-04	-283.45 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -141.72 -283.45	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -4251.73 -1.701e+04
208	71	0.0 -8236.01	0.0 0.0	-0.12 8.23e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -68.63 -137.27	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2059.00 -8236.01
208	72	0.0 -1.262e+04	0.0 0.0	-0.11 8.60e-04	-210.36 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -105.18 -210.36	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -3155.36 -1.262e+04
208	73	0.0 -8236.01	0.0 0.0	-0.12 8.23e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -68.63 -137.27	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2059.00 -8236.01
208	74	0.0 -1.087e+04	0.0 0.0	-0.12 8.45e-04	-181.12 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -90.56 -181.12	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2716.82 -1.087e+04
209	1	0.0 -1.071e+04	0.0 0.0	-0.16 9.96e-04	-178.45 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -89.22 -178.45	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2676.70 -1.071e+04
209	2	0.0 -2.386e+04	0.0 0.0	-0.14 1.09e-03	-397.72 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -198.86 -397.72	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -5965.79 -2.386e+04
209	17	0.0 -1.184e+04	0.0 -117.87	-0.35 0.22	-181.12 0.0	0.0 60.0 120.0	-39.37 -39.37 -39.37	-8.14 -98.70 -189.26	-0.98 -0.98 -0.98	0.0 0.0 0.0	0.0 -58.93 -117.87	0.0 -3205.17 -1.184e+04
209	18	0.0 -1.191e+04	2724.61 0.0	-0.34 0.08	-181.12 0.0	0.0 60.0 120.0	-38.44 -38.44 -38.44	-8.71 -99.27 -189.83	22.71 22.71 22.71	0.0 0.0 0.0	0.0 1362.31 2724.61	0.0 -3239.32 -1.191e+04
209	19	22.86 -9822.28	0.0 -2724.61	0.10 -0.08	-181.12 0.0	0.0 60.0 120.0	38.44 38.44 38.44	8.71 -81.85 -172.41	-22.71 -22.71 -22.71	0.0 0.0 0.0	0.0 -1362.31 -2724.61	0.0 -2194.32 -9822.28
209	20	18.59 -9890.57	117.87 0.0	0.10 -0.22	-181.12 0.0	0.0 60.0 120.0	39.37 39.37 39.37	8.14 -82.42 -172.98	0.98 0.98 0.98	0.0 0.0 0.0	0.0 58.93 117.87	0.0 -2228.46 -9890.57
209	29	0.0 -1.048e+04	0.0 -5147.44	-0.19 0.08	-181.12 0.0	0.0 60.0 120.0	-12.90 -12.90 -12.90	3.20 -87.36 -177.92	-42.90 -42.90 -42.90	0.0 0.0 0.0	0.0 -2573.72 -5147.44	0.0 -2524.92 -1.048e+04
209	32	0.0 -1.125e+04	5147.44 0.0	-0.05 -0.08	-181.12 0.0	0.0 60.0 120.0	12.90 12.90 12.90	-3.20 -93.76 -184.32	42.90 42.90 42.90	0.0 0.0 0.0	0.0 2573.72 5147.44	0.0 -2908.71 -1.125e+04
209	49	0.0 -1.143e+04	0.0 -65.58	-0.25 0.13	-181.12 0.0	0.0 60.0 120.0	-22.70 -22.70 -22.70	-4.69 -95.25 -185.81	-0.55 -0.55 -0.55	0.0 0.0 0.0	0.0 -32.79 -65.58	0.0 -2998.44 -1.143e+04
209	50	0.0 -1.147e+04	1568.04 0.0	-0.25 0.05	-181.12 0.0	0.0 60.0 120.0	-22.17 -22.17 -22.17	-5.02 -95.58 -186.14	13.07 13.07 13.07	0.0 0.0 0.0	0.0 784.02 1568.04	0.0 -3018.07 -1.147e+04
209	52	0.0 -1.030e+04	65.58 0.0	0.01 -0.13	-181.12 0.0	0.0 60.0 120.0	22.70 22.70 22.70	4.69 -85.87 -176.43	0.55 0.55 0.55	0.0 0.0 0.0	0.0 32.79 65.58	0.0 -2435.20 -1.030e+04
209	61	0.0 -1.065e+04	0.0 -2960.62	-0.16 0.05	-181.12 0.0	0.0 60.0 120.0	-7.43 -7.43 -7.43	1.84 -88.72 -179.28	-24.67 -24.67 -24.67	0.0 0.0 0.0	0.0 -1480.31 -2960.62	0.0 -2606.46 -1.065e+04
209	64	0.0 -1.109e+04	2960.62 0.0	-0.08 -0.05	-181.12 0.0	0.0 60.0 120.0	7.43 7.43 7.43	-1.84 -92.40 -182.96	24.67 24.67 24.67	0.0 0.0 0.0	0.0 1480.31 2960.62	0.0 -2827.18 -1.109e+04
209	69	0.0 -8236.01	0.0 0.0	-0.13 7.66e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -68.63 -137.27	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2059.00 -8236.01
209	70	0.0 -1.701e+04	0.0 0.0	-0.11 8.26e-04	-283.45 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -141.72 -283.45	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -4251.73 -1.701e+04
209	71	0.0 -8236.01	0.0 0.0	-0.13 7.66e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -68.63 -137.27	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2059.00 -8236.01
209	72	0.0 -1.262e+04	0.0 0.0	-0.12 7.96e-04	-210.36 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -105.18 -210.36	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -3155.36 -1.262e+04
209	73	0.0 -8236.01	0.0 0.0	-0.13 7.66e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -68.63 -137.27	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2059.00 -8236.01

					120.0	0.0	-137.27	0.0	0.0	0.0	0.0	-8236.01
209	74	0.0	0.0	-0.12	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	7.84e-04	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	0.0-1.087e+04
210	1	0.0	0.0	-0.17	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	3.76e-04	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	0.0-1.071e+04
210	2	0.0	0.0	-0.15	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	4.02e-04	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	0.0-2.386e+04
210	13	0.0	431.18	-0.36	-181.12	0.0	-43.26	9.12	3.59	0.0	0.0	0.0
		-1.190e+04	0.0	0.08	0.0	60.0	-43.26	-81.44	3.59	0.0	215.59	-3231.00
						120.0	-43.26	-172.00	3.59	0.0	431.18	-1.190e+04
210	16	21.82	0.0	0.11	-181.12	0.0	43.26	-9.12	-3.59	0.0	0.0	0.0
		-9838.92	-431.18	-0.08	0.0	60.0	43.26	-99.68	-3.59	0.0	-215.59	-2202.64
						120.0	43.26	-190.24	-3.59	0.0	-431.18	-9838.92
210	17	0.0	0.0	-0.36	-181.12	0.0	-43.16	8.50	-4.89	0.0	0.0	0.0
		-1.197e+04	-586.42	0.12	0.0	60.0	-43.16	-82.06	-4.89	0.0	-293.21	-3267.74
						120.0	-43.16	-172.62	-4.89	0.0	-586.42	-1.197e+04
210	20	26.41	586.42	0.11	-181.12	0.0	43.16	-8.50	4.89	0.0	0.0	0.0
		-9765.43	0.0	-0.12	0.0	60.0	43.16	-99.06	4.89	0.0	293.21	-2165.90
						120.0	43.16	-189.63	4.89	0.0	586.42	-9765.43
210	29	0.0	0.0	-0.19	-181.12	0.0	-12.16	1.04	-43.62	0.0	0.0	0.0
		-1.074e+04	-5234.44	0.05	0.0	60.0	-12.16	-89.52	-43.62	0.0	-2617.22	-2654.49
						120.0	-12.16	-180.08	-43.62	0.0	-5234.44	-1.074e+04
210	32	0.0	5234.44	-0.06	-181.12	0.0	12.16	-1.04	43.62	0.0	0.0	0.0
		-1.099e+04	0.0	-0.05	0.0	60.0	12.16	-91.60	43.62	0.0	2617.22	-2779.15
						120.0	12.16	-182.16	43.62	0.0	5234.44	-1.099e+04
210	45	0.0	249.17	-0.26	-181.12	0.0	-24.94	5.26	2.08	0.0	0.0	0.0
		-1.146e+04	0.0	0.05	0.0	60.0	-24.94	-85.30	2.08	0.0	124.58	-3013.33
						120.0	-24.94	-175.87	2.08	0.0	249.17	-1.146e+04
210	46	0.0	773.57	-0.26	-181.12	0.0	-24.22	4.94	6.45	0.0	0.0	0.0
		-1.150e+04	0.0	0.04	0.0	60.0	-24.22	-85.62	6.45	0.0	386.78	-3032.18
						120.0	-24.22	-176.18	6.45	0.0	773.57	-1.150e+04
210	48	0.0	0.0	0.01	-181.12	0.0	24.94	-5.26	-2.08	0.0	0.0	0.0
		-1.027e+04	-249.17	-0.05	0.0	60.0	24.94	-95.82	-2.08	0.0	-124.58	-2420.31
						120.0	24.94	-186.38	-2.08	0.0	-249.17	-1.027e+04
210	49	0.0	0.0	-0.26	-181.12	0.0	-24.89	4.90	-2.80	0.0	0.0	0.0
		-1.150e+04	-336.46	0.07	0.0	60.0	-24.89	-85.66	-2.80	0.0	-168.23	-3034.43
						120.0	-24.89	-176.22	-2.80	0.0	-336.46	-1.150e+04
210	61	0.0	0.0	-0.16	-181.12	0.0	-7.00	0.60	-25.11	0.0	0.0	0.0
		-1.080e+04	-3013.41	0.03	0.0	60.0	-7.00	-89.96	-25.11	0.0	-1506.70	-2680.92
						120.0	-7.00	-180.52	-25.11	0.0	-3013.41	-1.080e+04
210	64	0.0	3013.41	-0.09	-181.12	0.0	7.00	-0.60	25.11	0.0	0.0	0.0
		-1.094e+04	0.0	-0.03	0.0	60.0	7.00	-91.16	25.11	0.0	1506.70	-2752.72
						120.0	7.00	-181.72	25.11	0.0	3013.41	-1.094e+04
210	69	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	2.89e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
210	70	0.0	0.0	-0.12	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	3.07e-04	0.0	60.0	0.0	-141.72	0.0	0.0	0.0	-4251.73
						120.0	0.0	-283.45	0.0	0.0	0.0	0.0-1.701e+04
210	71	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	2.89e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
210	72	0.0	0.0	-0.12	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	2.98e-04	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	0.0-1.262e+04
210	73	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	2.89e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
210	74	0.0	0.0	-0.13	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	2.95e-04	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	0.0-1.087e+04
211	1	0.0	0.0	-0.18	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	-2.54e-04	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	0.0-1.071e+04
211	2	0.0	0.0	-0.16	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	-3.26e-04	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	0.0-2.386e+04
211	13	0.0	0.0	-0.37	-181.12	0.0	-45.60	-9.31	1.37	0.0	0.0	0.0
		-1.198e+04	-1036.82	0.03	0.0	60.0	-45.60	-99.87	1.37	0.0	-518.41	-3275.39
						120.0	-45.60	-190.43	1.37	0.0	-1036.82	-1.198e+04
211	16	27.37	1036.82	0.11	-181.12	0.0	45.60	9.31	-1.37	0.0	0.0	0.0
		-9750.14	0.0	-0.03	0.0	60.0	45.60	-81.25	-1.37	0.0	518.41	-2158.25
						120.0	45.60	-171.81	-1.37	0.0	1036.82	-9750.14
211	17	0.0	0.0	-0.37	-181.12	0.0	-45.45	-9.00	-7.84	0.0	0.0	0.0

		-1.199e+04	-2142.28	0.08	0.0	60.0	-45.45	-99.56	-7.84	0.0	-1071.14	-3277.60
						120.0	-45.45	-190.12	-7.84	0.0	-2142.28	-1.199e+04
211	20	27.65	2142.28	0.11	-181.12	0.0	45.45	9.00	7.84	0.0	0.0	0.0
		-9745.72	0.0	-0.08	0.0	60.0	45.45	-81.56	7.84	0.0	1071.14	-2156.04
						120.0	45.45	-172.12	7.84	0.0	2142.28	-9745.72
211	29	0.0	0.0	-0.19	-181.12	0.0	-11.68	2.71	-44.97	0.0	0.0	0.0
		-1.068e+04	-5395.81	0.04	0.0	60.0	-11.68	-87.85	-44.97	0.0	-2697.91	-2623.75
						120.0	-11.68	-178.41	-44.97	0.0	-5395.81	-1.068e+04
211	32	0.0	5395.81	-0.08	-181.12	0.0	11.68	-2.71	44.97	0.0	0.0	0.0
		-1.105e+04	0.0	-0.04	0.0	60.0	11.68	-93.27	44.97	0.0	2697.91	-2809.89
						120.0	11.68	-183.83	44.97	0.0	5395.81	-1.105e+04
211	45	0.0	0.0	-0.27	-181.12	0.0	-26.30	-5.37	0.79	0.0	0.0	0.0
		-1.151e+04	-597.57	0.02	0.0	60.0	-26.30	-95.93	0.79	0.0	-298.78	-3038.88
						120.0	-26.30	-186.49	0.79	0.0	-597.57	-1.151e+04
211	48	0.0	597.57	8.15e-03	-181.12	0.0	26.30	5.37	-0.79	0.0	0.0	0.0
		-1.022e+04	0.0	-0.02	0.0	60.0	26.30	-85.19	-0.79	0.0	298.78	-2394.76
						120.0	26.30	-175.75	-0.79	0.0	597.57	-1.022e+04
211	49	0.0	0.0	-0.27	-181.12	0.0	-26.21	-5.19	-4.51	0.0	0.0	0.0
		-1.151e+04	-1234.21	0.05	0.0	60.0	-26.21	-95.75	-4.51	0.0	-617.11	-3040.15
						120.0	-26.21	-186.31	-4.51	0.0	-1234.21	-1.151e+04
211	61	0.0	0.0	-0.16	-181.12	0.0	-6.73	1.56	-25.90	0.0	0.0	0.0
		-1.076e+04	-3108.30	0.03	0.0	60.0	-6.73	-89.00	-25.90	0.0	-1554.15	-2662.93
						120.0	-6.73	-179.56	-25.90	0.0	-3108.30	-1.076e+04
211	64	0.0	3108.30	-0.10	-181.12	0.0	6.73	-1.56	25.90	0.0	0.0	0.0
		-1.098e+04	0.0	-0.03	0.0	60.0	6.73	-92.12	25.90	0.0	1554.15	-2770.71
						120.0	6.73	-182.68	25.90	0.0	3108.30	-1.098e+04
211	69	0.0	0.0	-0.14	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-1.95e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
211	70	0.0	0.0	-0.12	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	-2.43e-04	0.0	60.0	0.0	-141.72	0.0	0.0	0.0	-4251.73
						120.0	0.0	-283.45	0.0	0.0	0.0	-1.701e+04
211	71	0.0	0.0	-0.14	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-1.95e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
211	72	0.0	0.0	-0.13	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	-2.19e-04	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	-1.262e+04
211	73	0.0	0.0	-0.14	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-1.95e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
211	74	0.0	0.0	-0.13	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	-2.10e-04	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	-1.087e+04
212	1	0.0	0.0	-0.17	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	3.25e-04	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	-1.071e+04
212	2	0.0	0.0	-0.15	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	1.98e-04	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	-2.386e+04
212	13	21.21	0.0	-0.35	-181.12	0.0	-45.67	9.01	4.66	0.0	0.0	0.0
		-9848.67	-1500.23	0.16	0.0	60.0	-45.67	-81.55	4.66	0.0	-750.11	-2207.52
						120.0	-45.67	-172.11	4.66	0.0	-1500.23	-9848.67
212	16	0.0	1500.23	0.09	-181.12	0.0	45.67	-9.01	-4.66	0.0	0.0	0.0
		-1.189e+04	0.0	-0.16	0.0	60.0	45.67	-99.57	-4.66	0.0	750.11	-3226.12
						120.0	45.67	-190.13	-4.66	0.0	1500.23	-1.189e+04
212	18	26.00	485.92	-0.35	-181.12	0.0	-44.12	8.37	21.21	0.0	0.0	0.0
		-9772.10	0.0	0.10	0.0	60.0	-44.12	-82.19	21.21	0.0	242.96	-2169.23
						120.0	-44.12	-172.75	21.21	0.0	485.92	-9772.10
212	19	0.0	0.0	0.10	-181.12	0.0	44.12	-8.37	-21.21	0.0	0.0	0.0
		-1.196e+04	-485.92	-0.10	0.0	60.0	44.12	-98.93	-21.21	0.0	-242.96	-3264.41
						120.0	44.12	-189.50	-21.21	0.0	-485.92	-1.196e+04
212	29	0.0	0.0	-0.18	-181.12	0.0	-11.10	-0.72	-45.56	0.0	0.0	0.0
		-1.126e+04	-5467.47	0.07	0.0	60.0	-11.10	-91.29	-45.56	0.0	-2733.74	-2910.85
						120.0	-11.10	-181.85	-45.56	0.0	-5467.47	-1.126e+04
212	32	0.0	5467.47	-0.08	-181.12	0.0	11.10	0.72	45.56	0.0	0.0	0.0
		-1.048e+04	0.0	-0.07	0.0	60.0	11.10	-89.84	45.56	0.0	2733.74	-2522.79
						120.0	11.10	-180.40	45.56	0.0	5467.47	-1.048e+04
212	45	0.0	0.0	-0.25	-181.12	0.0	-26.34	5.20	2.70	0.0	0.0	0.0
		-1.028e+04	-864.84	0.10	0.0	60.0	-26.34	-85.37	2.70	0.0	-432.42	-2422.90
						120.0	-26.34	-175.93	2.70	0.0	-864.84	-1.028e+04
212	48	0.0	864.84	6.69e-03	-181.12	0.0	26.34	-5.20	-2.70	0.0	0.0	0.0
		-1.146e+04	0.0	-0.09	0.0	60.0	26.34	-95.76	-2.70	0.0	432.42	-3010.74
						120.0	26.34	-186.32	-2.70	0.0	864.84	-1.146e+04
212	51	0.0	0.0	7.02e-03	-181.12	0.0	25.45	-4.83	-12.22	0.0	0.0	0.0
		-1.150e+04	-277.72	-0.05	0.0	60.0	25.45	-95.39	-12.22	0.0	-138.86	-3032.49
						120.0	25.45	-185.95	-12.22	0.0	-277.72	-1.150e+04

212	53	0.0 -1.106e+04	0.0 -1142.56	-0.15 -0.07	-181.12 0.0	0.0 60.0 120.0	-6.69 -6.69 -6.69	-0.65 -91.21 -181.77	-9.52 -9.52 -9.52	0.0 0.0 0.0	0.0 -571.28 -1142.56	0.0 -2814.99 -1.106e+04
212	61	0.0 -1.109e+04	0.0 -3147.43	-0.16 0.04	-181.12 0.0	0.0 60.0 120.0	-6.38 -6.38 -6.38	-0.43 -90.99 -181.55	-26.23 -26.23 -26.23	0.0 0.0 0.0	0.0 -1573.72 -3147.43	0.0 -2828.16 -1.109e+04
212	64	0.0 -1.064e+04	3147.43 0.0	-0.10 -0.04	-181.12 0.0	0.0 60.0 120.0	6.38 6.38 6.38	0.43 -90.13 -180.69	26.23 26.23 26.23	0.0 0.0 0.0	0.0 1573.72 3147.43	0.0 -2605.48 -1.064e+04
212	69	0.0 -8236.01	0.0 0.0	-0.13 2.50e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -68.63 -137.27	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2059.00 -8236.01
212	70	0.0 -1.701e+04	0.0 0.0	-0.11 1.65e-04	-283.45 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -141.72 -283.45	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -4251.73 -1.701e+04
212	71	0.0 -8236.01	0.0 0.0	-0.13 2.50e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -68.63 -137.27	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2059.00 -8236.01
212	72	0.0 -1.262e+04	0.0 0.0	-0.12 2.07e-04	-210.36 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -105.18 -210.36	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -3155.36 -1.262e+04
212	73	0.0 -8236.01	0.0 0.0	-0.13 2.50e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -68.63 -137.27	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2059.00 -8236.01
212	74	0.0 -1.087e+04	0.0 0.0	-0.13 2.24e-04	-181.12 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -90.56 -181.12	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2716.82 -1.087e+04
213	1	0.0 -1.071e+04	0.0 0.0	-0.17 5.74e-04	-178.45 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -89.22 -178.45	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2676.70 -1.071e+04
213	2	0.0 -2.386e+04	0.0 0.0	-0.14 4.20e-04	-397.72 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -198.86 -397.72	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -5965.79 -2.386e+04
213	13	0.0 -1.183e+04	0.0 -1868.19	-0.33 -0.39	-181.12 0.0	0.0 60.0 120.0	-44.04 -44.04 -44.04	8.32 -82.24 -172.80	-15.57 -15.57 -15.57	0.0 0.0 0.0	0.0 -934.10 -1868.19	0.0 -3198.01 -1.183e+04
213	16	17.70 -9904.89	1868.19 0.0	0.08 0.39	-181.12 0.0	0.0 60.0 120.0	44.04 44.04 44.04	-8.32 -98.88 -189.44	15.57 15.57 15.57	0.0 0.0 0.0	0.0 934.10 1868.19	0.0 -2235.62 -9904.89
213	18	0.0 -1.187e+04	116.74 0.0	-0.33 -0.49	-181.12 0.0	0.0 60.0 120.0	-42.27 -42.27 -42.27	8.35 -82.21 -172.77	0.97 0.97 0.97	0.0 0.0 0.0	0.0 58.37 116.74	0.0 -3217.80 -1.187e+04
213	19	20.17 -9865.31	0.0 -116.74	0.08 0.49	-181.12 0.0	0.0 60.0 120.0	42.27 42.27 42.27	-8.35 -98.91 -189.47	-0.97 -0.97 -0.97	0.0 0.0 0.0	0.0 -58.37 -116.74	0.0 -2215.83 -9865.31
213	29	0.0 -1.058e+04	0.0 -5521.80	-0.17 0.09	-181.12 0.0	0.0 60.0 120.0	-10.05 -10.05 -10.05	-2.39 -92.95 -183.51	-46.02 -46.02 -46.02	0.0 0.0 0.0	0.0 -2760.90 -5521.80	0.0 -2573.29 -1.058e+04
213	32	0.0 -1.115e+04	5521.80 0.0	-0.08 -0.09	-181.12 0.0	0.0 60.0 120.0	10.05 10.05 10.05	2.39 -88.17 -178.73	46.02 46.02 46.02	0.0 0.0 0.0	0.0 2760.90 5521.80	0.0 -2860.35 -1.115e+04
213	40	0.0 -1.129e+04	1301.84 0.0	-0.04 0.34	-181.12 0.0	0.0 60.0 120.0	15.29 15.29 15.29	3.35 -87.21 -177.77	10.85 10.85 10.85	0.0 0.0 0.0	0.0 650.92 1301.84	0.0 -2927.97 -1.129e+04
213	45	0.0 -1.142e+04	0.0 -1077.03	-0.24 -0.23	-181.12 0.0	0.0 60.0 120.0	-25.39 -25.39 -25.39	4.80 -85.77 -176.33	-8.98 -8.98 -8.98	0.0 0.0 0.0	0.0 -538.51 -1077.03	0.0 -2994.45 -1.142e+04
213	48	0.0 -1.031e+04	1077.03 0.0	-5.53e-03 0.23	-181.12 0.0	0.0 60.0 120.0	25.39 25.39 25.39	-4.80 -95.36 -185.92	8.98 8.98 8.98	0.0 0.0 0.0	0.0 538.51 1077.03	0.0 -2439.19 -1.031e+04
213	50	0.0 -1.144e+04	64.16 0.0	-0.24 -0.28	-181.12 0.0	0.0 60.0 120.0	-24.38 -24.38 -24.38	4.81 -85.75 -176.31	0.53 0.53 0.53	0.0 0.0 0.0	0.0 32.08 64.16	0.0 -3005.65 -1.144e+04
213	61	0.0 -1.070e+04	0.0 -3177.21	-0.15 0.05	-181.12 0.0	0.0 60.0 120.0	-5.78 -5.78 -5.78	-1.37 -91.93 -182.49	-26.48 -26.48 -26.48	0.0 0.0 0.0	0.0 -1588.61 -3177.21	0.0 -2634.45 -1.070e+04
213	64	0.0 -1.103e+04	3177.21 0.0	-0.10 -0.05	-181.12 0.0	0.0 60.0 120.0	5.78 5.78 5.78	1.37 -89.19 -179.75	26.48 26.48 26.48	0.0 0.0 0.0	0.0 1588.61 3177.21	0.0 -2799.19 -1.103e+04
213	69	0.0 -8236.01	0.0 0.0	-0.13 4.42e-04	-137.27 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -68.63 -137.27	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -2059.00 -8236.01
213	70	0.0 -1.701e+04	0.0 0.0	-0.11 3.39e-04	-283.45 0.0	0.0 60.0 120.0	0.0 0.0 0.0	0.0 -141.72 -283.45	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 -4251.73 -1.701e+04
213	71	0.0 -8236.01	0.0 0.0	-0.13 4.42e-04	-137.27 0.0	0.0 60.0	0.0 0.0	0.0 -68.63	0.0 0.0	0.0 0.0	0.0 0.0	0.0 -2059.00

					120.0	0.0	-137.27	0.0	0.0	0.0	0.0	-8236.01
213	72	0.0	0.0	-0.12	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	3.90e-04	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	0.0-1.262e+04
213	73	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	4.42e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
213	74	0.0	0.0	-0.12	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	4.11e-04	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	0.0-1.087e+04
214	1	0.0	0.0	-0.17	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	4.95e-04	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	0.0-1.071e+04
214	2	0.0	0.0	-0.14	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	3.42e-04	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	0.0-2.386e+04
214	13	16.16	0.0	-0.31	-181.12	0.0	-41.61	7.82	8.60	0.0	0.0	0.0
		-9929.45	-2005.14	-0.43	0.0	60.0	-41.61	-82.75	8.60	0.0	-1002.57	-2247.91
						120.0	-41.61	-173.31	8.60	0.0	-2005.14	-9929.45
214	16	0.0	2005.14	0.07	-181.12	0.0	41.61	-7.82	-8.60	0.0	0.0	0.0
		-1.181e+04	0.0	0.43	0.0	60.0	41.61	-98.38	-8.60	0.0	1002.57	-3185.73
						120.0	41.61	-188.94	-8.60	0.0	2005.14	-1.181e+04
214	29	0.0	0.0	-0.17	-181.12	0.0	-9.27	0.89	-36.87	0.0	0.0	0.0
		-1.076e+04	-5506.62	0.10	0.0	60.0	-9.27	-89.67	-36.87	0.0	-2753.31	-2663.55
						120.0	-9.27	-180.23	-36.87	0.0	-5506.62	-1.076e+04
214	32	0.0	5506.62	-0.08	-181.12	0.0	9.27	-0.89	36.87	0.0	0.0	0.0
		-1.097e+04	0.0	-0.10	0.0	60.0	9.27	-91.45	36.87	0.0	2753.31	-2770.08
						120.0	9.27	-182.01	36.87	0.0	5506.62	-1.097e+04
214	45	0.0	0.0	-0.23	-181.12	0.0	-23.99	4.51	4.98	0.0	0.0	0.0
		-1.033e+04	-1156.06	-0.25	0.0	60.0	-23.99	-86.05	4.98	0.0	-578.03	-2446.43
						120.0	-23.99	-176.61	4.98	0.0	-1156.06	-1.033e+04
214	48	0.0	1156.06	-0.01	-181.12	0.0	23.99	-4.51	-4.98	0.0	0.0	0.0
		-1.141e+04	0.0	0.25	0.0	60.0	23.99	-95.07	-4.98	0.0	578.03	-2987.20
						120.0	23.99	-185.63	-4.98	0.0	1156.06	-1.141e+04
214	61	0.0	0.0	-0.15	-181.12	0.0	-5.34	0.51	-21.17	0.0	0.0	0.0
		-1.081e+04	-3168.08	0.05	0.0	60.0	-5.34	-90.05	-21.17	0.0	-1584.04	-2686.16
						120.0	-5.34	-180.61	-21.17	0.0	-3168.08	-1.081e+04
214	64	0.0	3168.08	-0.10	-181.12	0.0	5.34	-0.51	21.17	0.0	0.0	0.0
		-1.093e+04	0.0	-0.05	0.0	60.0	5.34	-91.07	21.17	0.0	1584.04	-2747.48
						120.0	5.34	-181.63	21.17	0.0	3168.08	-1.093e+04
214	69	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	3.81e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
214	70	0.0	0.0	-0.11	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	2.79e-04	0.0	60.0	0.0	-141.72	0.0	0.0	0.0	-4251.73
						120.0	0.0	-283.45	0.0	0.0	0.0	0.0-1.701e+04
214	71	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	3.81e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
214	72	0.0	0.0	-0.12	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	3.30e-04	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	0.0-1.262e+04
214	73	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	3.81e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
214	74	0.0	0.0	-0.12	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	3.50e-04	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	0.0-1.087e+04
215	1	0.0	0.0	-0.17	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	8.61e-05	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	0.0-1.071e+04
215	2	0.0	0.0	-0.14	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	-3.66e-05	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	0.0-2.386e+04
215	13	0.0	0.0	-0.30	-181.12	0.0	-39.23	-7.48	-15.72	0.0	0.0	0.0
		-1.176e+04	-1886.03	-0.43	0.0	60.0	-39.23	-98.04	-15.72	0.0	-943.01	-3165.65
						120.0	-39.23	-188.60	-15.72	0.0	-1886.03	-1.176e+04
215	16	13.65	1886.03	0.05	-181.12	0.0	39.23	7.48	15.72	0.0	0.0	0.0
		-9969.61	0.0	0.43	0.0	60.0	39.23	-83.08	15.72	0.0	943.01	-2267.99
						120.0	39.23	-173.64	15.72	0.0	1886.03	-9969.61
215	18	0.0	72.43	-0.30	-181.12	0.0	-36.86	-7.50	0.60	0.0	0.0	0.0
		-1.177e+04	0.0	-0.53	0.0	60.0	-36.86	-98.06	0.60	0.0	36.21	-3166.73
						120.0	-36.86	-188.62	0.60	0.0	72.43	-1.177e+04
215	19	13.79	0.0	0.05	-181.12	0.0	36.86	7.50	-0.60	0.0	0.0	0.0
		-9967.47	-72.43	0.53	0.0	60.0	36.86	-83.06	-0.60	0.0	-36.21	-2266.91
						120.0	36.86	-173.62	-0.60	0.0	-72.43	-9967.47
215	29	0.0	0.0	-0.16	-181.12	0.0	-9.19	3.25	-45.22	0.0	0.0	0.0

		-1.048e+04	-5426.76	0.08	0.0	60.0	-9.19	-87.31	-45.22	0.0	-2713.38	-2521.95
						120.0	-9.19	-177.87	-45.22	0.0	-5426.76	-1.048e+04
215	32	0.0	5426.76	-0.09	-181.12	0.0	9.19	-3.25	45.22	0.0	0.0	0.0
		-1.126e+04	0.0	-0.08	0.0	60.0	9.19	-93.81	45.22	0.0	2713.38	-2911.69
						120.0	9.19	-184.37	45.22	0.0	5426.76	-1.126e+04
215	45	0.0	0.0	-0.23	-181.12	0.0	-22.62	-4.31	-9.06	0.0	0.0	0.0
		-1.138e+04	-1087.50	-0.25	0.0	60.0	-22.62	-94.87	-9.06	0.0	-543.75	-2975.54
						120.0	-22.62	-185.43	-9.06	0.0	-1087.50	-1.138e+04
215	48	0.0	1087.50	-0.03	-181.12	0.0	22.62	4.31	9.06	0.0	0.0	0.0
		-1.035e+04	0.0	0.25	0.0	60.0	22.62	-86.25	9.06	0.0	543.75	-2458.10
						120.0	22.62	-176.81	9.06	0.0	1087.50	-1.035e+04
215	50	0.0	38.50	-0.22	-181.12	0.0	-21.25	-4.32	0.32	0.0	0.0	0.0
		-1.139e+04	0.0	-0.30	0.0	60.0	-21.25	-94.88	0.32	0.0	19.25	-2976.10
						120.0	-21.25	-185.44	0.32	0.0	38.50	-1.139e+04
215	61	0.0	0.0	-0.15	-181.12	0.0	-5.29	1.86	-26.02	0.0	0.0	0.0
		-1.064e+04	-3122.90	0.05	0.0	60.0	-5.29	-88.70	-26.02	0.0	-1561.45	-2604.95
						120.0	-5.29	-179.26	-26.02	0.0	-3122.90	-1.064e+04
215	64	0.0	3122.90	-0.10	-181.12	0.0	5.29	-1.86	26.02	0.0	0.0	0.0
		-1.109e+04	0.0	-0.05	0.0	60.0	5.29	-92.43	26.02	0.0	1561.45	-2828.69
						120.0	5.29	-182.99	26.02	0.0	3122.90	-1.109e+04
215	69	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	6.62e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
215	70	0.0	0.0	-0.11	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	-1.56e-05	0.0	60.0	0.0	-141.72	0.0	0.0	0.0	-4251.73
						120.0	0.0	-283.45	0.0	0.0	0.0	-1.701e+04
215	71	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	6.62e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
215	72	0.0	0.0	-0.12	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	2.53e-05	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	-1.262e+04
215	73	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	6.62e-05	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
215	74	0.0	0.0	-0.13	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	4.17e-05	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	-1.087e+04
216	1	0.0	0.0	-0.18	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	-6.52e-04	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	-1.071e+04
216	2	0.0	0.0	-0.15	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	-7.16e-04	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	-2.386e+04
216	4	0.0	0.0	-0.11	-356.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.139e+04	0.0	-5.66e-04	0.0	60.0	0.0	-178.27	0.0	0.0	0.0	-5348.09
						120.0	0.0	-356.54	0.0	0.0	0.0	-2.139e+04
216	13	3.01	0.0	-0.29	-181.12	0.0	-37.27	6.06	5.73	0.0	0.0	0.0
		-1.014e+04	-1559.33	-0.40	0.0	60.0	-37.27	-84.50	5.73	0.0	-779.67	-2353.10
						120.0	-37.27	-175.06	5.73	0.0	-1559.33	-1.014e+04
216	16	0.0	1559.33	0.03	-181.12	0.0	37.27	-6.06	-5.73	0.0	0.0	0.0
		-1.159e+04	0.0	0.40	0.0	60.0	37.27	-96.62	-5.73	0.0	779.67	-3080.54
						120.0	37.27	-187.18	-5.73	0.0	1559.33	-1.159e+04
216	17	10.56	0.0	-0.29	-181.12	0.0	-36.58	7.07	-3.14	0.0	0.0	0.0
		-1.002e+04	-2622.95	-0.35	0.0	60.0	-36.58	-83.49	-3.14	0.0	-1311.48	-2292.74
						120.0	-36.58	-174.05	-3.14	0.0	-2622.95	-1.002e+04
216	20	0.0	2622.95	0.03	-181.12	0.0	36.58	-7.07	3.14	0.0	0.0	0.0
		-1.172e+04	0.0	0.35	0.0	60.0	36.58	-97.63	3.14	0.0	1311.48	-3140.90
						120.0	36.58	-188.19	3.14	0.0	2622.95	-1.172e+04
216	33	0.0	0.0	-0.18	-181.12	0.0	-13.81	3.65	-38.85	0.0	0.0	0.0
		-1.043e+04	-5335.74	0.07	0.0	60.0	-13.81	-86.91	-38.85	0.0	-2667.87	-2498.00
						120.0	-13.81	-177.47	-38.85	0.0	-5335.74	-1.043e+04
216	36	0.0	5335.74	-0.08	-181.12	0.0	13.81	-3.65	38.85	0.0	0.0	0.0
		-1.130e+04	0.0	-0.07	0.0	60.0	13.81	-94.21	38.85	0.0	2667.87	-2935.64
						120.0	13.81	-184.77	38.85	0.0	5335.74	-1.130e+04
216	45	0.0	0.0	-0.22	-181.12	0.0	-21.49	3.50	3.32	0.0	0.0	0.0
		-1.045e+04	-899.28	-0.23	0.0	60.0	-21.49	-87.07	3.32	0.0	-449.64	-2507.09
						120.0	-21.49	-177.63	3.32	0.0	-899.28	-1.045e+04
216	47	0.0	397.96	-0.04	-181.12	0.0	19.61	-4.07	-7.49	0.0	0.0	0.0
		-1.136e+04	0.0	0.23	0.0	60.0	19.61	-94.63	-7.49	0.0	198.98	-2961.26
						120.0	19.61	-185.20	-7.49	0.0	397.96	-1.136e+04
216	48	0.0	899.28	-0.04	-181.12	0.0	21.49	-3.50	-3.32	0.0	0.0	0.0
		-1.129e+04	0.0	0.23	0.0	60.0	21.49	-94.06	-3.32	0.0	449.64	-2926.55
						120.0	21.49	-184.62	-3.32	0.0	899.28	-1.129e+04
216	65	0.0	0.0	-0.16	-181.12	0.0	-7.96	2.10	-22.35	0.0	0.0	0.0
		-1.062e+04	-3070.98	0.05	0.0	60.0	-7.96	-88.46	-22.35	0.0	-1535.49	-2590.97
						120.0	-7.96	-179.02	-22.35	0.0	-3070.98	-1.062e+04

216	68	0.0	3070.98	-0.10	-181.12	0.0	7.96	-2.10	22.35	0.0	0.0	0.0
		-1.112e+04	0.0	-0.05	0.0	60.0	7.96	-92.66	22.35	0.0	1535.49	-2842.67
						120.0	7.96	-183.22	22.35	0.0	3070.98	-1.112e+04
216	69	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-5.01e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
216	70	0.0	0.0	-0.12	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	-5.44e-04	0.0	60.0	0.0	-141.72	0.0	0.0	0.0	-4251.73
						120.0	0.0	-283.45	0.0	0.0	0.0	-1.701e+04
216	71	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-5.01e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
216	72	0.0	0.0	-0.13	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	-5.23e-04	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	-1.262e+04
216	73	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-5.01e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
216	74	0.0	0.0	-0.13	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	-5.14e-04	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	-1.087e+04
217	1	0.0	0.0	-0.16	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	-1.32e-03	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	-1.071e+04
217	2	0.0	0.0	-0.15	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	-1.15e-03	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.79
						120.0	0.0	-397.72	0.0	0.0	0.0	-2.386e+04
217	13	0.0	0.0	-0.26	-181.12	0.0	-35.22	-6.47	-13.56	0.0	0.0	0.0
		-1.164e+04	-1626.89	-0.42	0.0	60.0	-35.22	-97.03	-13.56	0.0	-813.44	-3104.88
						120.0	-35.22	-187.59	-13.56	0.0	-1626.89	-1.164e+04
217	16	6.06	1626.89	0.02	-181.12	0.0	35.22	6.47	13.56	0.0	0.0	0.0
		-1.009e+04	0.0	0.41	0.0	60.0	35.22	-84.09	13.56	0.0	813.44	-2328.75
						120.0	35.22	-174.65	13.56	0.0	1626.89	-1.009e+04
217	33	0.0	0.0	-0.17	-181.12	0.0	-13.80	-1.56	-44.25	0.0	0.0	0.0
		-1.105e+04	-5309.77	0.05	0.0	60.0	-13.80	-92.12	-44.25	0.0	-2654.88	-2810.33
						120.0	-13.80	-182.68	-44.25	0.0	-5309.77	-1.105e+04
217	36	0.0	5309.77	-0.08	-181.12	0.0	13.80	1.56	44.25	0.0	0.0	0.0
		-1.068e+04	0.0	-0.06	0.0	60.0	13.80	-89.00	44.25	0.0	2654.88	-2623.31
						120.0	13.80	-179.56	44.25	0.0	5309.77	-1.068e+04
217	45	0.0	0.0	-0.20	-181.12	0.0	-20.31	-3.73	-7.82	0.0	0.0	0.0
		-1.131e+04	-938.19	-0.24	0.0	60.0	-20.31	-94.29	-7.82	0.0	-469.09	-2940.59
						120.0	-20.31	-184.85	-7.82	0.0	-938.19	-1.131e+04
217	48	0.0	938.19	-0.04	-181.12	0.0	20.31	3.73	7.82	0.0	0.0	0.0
		-1.042e+04	0.0	0.24	0.0	60.0	20.31	-86.83	7.82	0.0	469.09	-2493.05
						120.0	20.31	-177.39	7.82	0.0	938.19	-1.042e+04
217	50	0.0	148.28	-0.20	-181.12	0.0	-18.85	-3.68	1.24	0.0	0.0	0.0
		-1.131e+04	0.0	-0.26	0.0	60.0	-18.85	-94.24	1.24	0.0	74.14	-2937.51
						120.0	-18.85	-184.80	1.24	0.0	148.28	-1.131e+04
217	65	0.0	0.0	-0.15	-181.12	0.0	-7.95	-0.90	-25.47	0.0	0.0	0.0
		-1.098e+04	-3056.47	0.04	0.0	60.0	-7.95	-91.46	-25.47	0.0	-1528.23	-2770.94
						120.0	-7.95	-182.02	-25.47	0.0	-3056.47	-1.098e+04
217	68	0.0	3056.47	-0.10	-181.12	0.0	7.95	0.90	25.47	0.0	0.0	0.0
		-1.076e+04	0.0	-0.04	0.0	60.0	7.95	-89.66	25.47	0.0	1528.23	-2662.70
						120.0	7.95	-180.22	25.47	0.0	3056.47	-1.076e+04
217	69	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-1.02e-03	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
217	70	0.0	0.0	-0.11	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	-9.04e-04	0.0	60.0	0.0	-141.72	0.0	0.0	0.0	-4251.73
						120.0	0.0	-283.45	0.0	0.0	0.0	-1.701e+04
217	71	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-1.02e-03	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
217	72	0.0	0.0	-0.12	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	-9.61e-04	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	-1.262e+04
217	73	0.0	0.0	-0.13	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-1.02e-03	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
217	74	0.0	0.0	-0.12	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	-9.84e-04	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	-1.087e+04
218	1	0.0	0.0	-0.12	-178.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.071e+04	0.0	-1.29e-03	0.0	60.0	0.0	-89.22	0.0	0.0	0.0	-2676.70
						120.0	0.0	-178.45	0.0	0.0	0.0	-1.071e+04
218	2	0.0	0.0	-0.09	-397.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.386e+04	0.0	-7.71e-04	0.0	60.0	0.0	-198.86	0.0	0.0	0.0	-5965.79

						120.0	0.0	-397.72	0.0	0.0	0.0-2.386e+04
218	13	0.0	0.0	-0.21	-181.12	0.0	-30.31	6.36	12.77	0.0	0.0
		-1.163e+04	-2337.42	-0.54	0.0	60.0	-30.31	-84.20	12.77	0.0	-1168.71 -3098.38
						120.0	-30.31	-174.76	12.77	0.0	-2337.42-1.163e+04
218	16	5.24	2337.42	0.03	-181.12	0.0	30.31	-6.36	-12.77	0.0	0.0
		-1.010e+04	0.0	0.53	0.0	60.0	30.31	-96.92	-12.77	0.0	1168.71 -2335.26
						120.0	30.31	-187.48	-12.77	0.0	2337.42-1.010e+04
218	18	0.0	0.0	-0.21	-181.12	0.0	-28.23	5.82	27.92	0.0	0.0
		-1.164e+04	-519.91	-0.62	0.0	60.0	-28.23	-84.75	27.92	0.0	-259.95 -3102.81
						120.0	-28.23	-175.31	27.92	0.0	-519.91-1.164e+04
218	19	5.80	519.91	0.04	-181.12	0.0	28.23	-5.82	-27.92	0.0	0.0
		-1.010e+04	0.0	0.62	0.0	60.0	28.23	-96.38	-27.92	0.0	259.95 -2330.83
						120.0	28.23	-186.94	-27.92	0.0	519.91-1.010e+04
218	33	0.0	0.0	-0.12	-181.12	0.0	-12.13	2.87	-34.47	0.0	0.0
		-1.096e+04	-5298.07	0.07	0.0	60.0	-12.13	-87.69	-34.47	0.0	-2649.04 -2765.26
						120.0	-12.13	-178.25	-34.47	0.0	-5298.07-1.096e+04
218	36	0.0	5298.07	-0.05	-181.12	0.0	12.13	-2.87	34.47	0.0	0.0
		-1.077e+04	0.0	-0.07	0.0	60.0	12.13	-93.43	34.47	0.0	2649.04 -2668.38
						120.0	12.13	-183.99	34.47	0.0	5298.07-1.077e+04
218	45	0.0	0.0	-0.16	-181.12	0.0	-17.47	3.66	7.38	0.0	0.0
		-1.131e+04	-1347.52	-0.31	0.0	60.0	-17.47	-86.90	7.38	0.0	-673.76 -2936.68
						120.0	-17.47	-177.46	7.38	0.0	-1347.52-1.131e+04
218	48	0.0	1347.52	-0.02	-181.12	0.0	17.47	-3.66	-7.38	0.0	0.0
		-1.043e+04	0.0	0.31	0.0	60.0	17.47	-94.23	-7.38	0.0	673.76 -2496.96
						120.0	17.47	-184.79	-7.38	0.0	1347.52-1.043e+04
218	50	0.0	0.0	-0.16	-181.12	0.0	-16.28	3.36	16.09	0.0	0.0
		-1.131e+04	-303.22	-0.36	0.0	60.0	-16.28	-87.20	16.09	0.0	-151.61 -2939.22
						120.0	-16.28	-177.76	16.09	0.0	-303.22-1.131e+04
218	52	0.0	1930.46	-0.02	-181.12	0.0	17.44	-3.71	-2.53	0.0	0.0
		-1.046e+04	0.0	0.29	0.0	60.0	17.44	-94.27	-2.53	0.0	965.23 -2515.31
						120.0	17.44	-184.83	-2.53	0.0	1930.46-1.046e+04
218	65	0.0	0.0	-0.11	-181.12	0.0	-6.99	1.64	-19.81	0.0	0.0
		-1.092e+04	-3047.12	0.04	0.0	60.0	-6.99	-88.92	-19.81	0.0	-1523.56 -2745.59
						120.0	-6.99	-179.48	-19.81	0.0	-3047.12-1.092e+04
218	68	0.0	3047.12	-0.07	-181.12	0.0	6.99	-1.64	19.81	0.0	0.0
		-1.081e+04	0.0	-0.04	0.0	60.0	6.99	-92.20	19.81	0.0	1523.56 -2688.05
						120.0	6.99	-182.76	19.81	0.0	3047.12-1.081e+04
218	69	0.0	0.0	-0.09	-137.27	0.0	0.0	0.0	0		

		-1.081e+04	0.0	-0.07	0.0	60.0	10.12	-90.09	43.57	0.0	2614.26	-2688.79
						120.0	10.12	-180.65	43.57	0.0	5228.53	-1.081e+04
219	42	0.0	0.0	-0.09	-181.12	0.0	-5.64	2.07	-0.05	0.0	0.0	0.0
		-1.062e+04	-6.22	-0.34	0.0	60.0	-5.64	-88.49	-0.05	0.0	-3.11	-2592.43
						120.0	-5.64	-179.05	-0.05	0.0	-6.22	-1.062e+04
219	49	0.0	0.0	-0.11	-181.12	0.0	-15.21	-3.41	-16.22	0.0	0.0	0.0
		-1.128e+04	-1945.94	-0.30	0.0	60.0	-15.21	-93.97	-16.22	0.0	-972.97	-2921.54
						120.0	-15.21	-184.53	-16.22	0.0	-1945.94	-1.128e+04
219	50	0.0	0.0	-0.12	-181.12	0.0	-14.37	-3.89	-2.90	0.0	0.0	0.0
		-1.133e+04	-348.35	-0.36	0.0	60.0	-14.37	-94.46	-2.90	0.0	-174.18	-2950.49
						120.0	-14.37	-185.02	-2.90	0.0	-348.35	-1.133e+04
219	52	0.0	1945.94	9.41e-03	-181.12	0.0	15.21	3.41	16.22	0.0	0.0	0.0
		-1.046e+04	0.0	0.29	0.0	60.0	15.21	-87.15	16.22	0.0	972.97	-2512.10
						120.0	15.21	-177.71	16.22	0.0	1945.94	-1.046e+04
219	65	0.0	0.0	-0.07	-181.12	0.0	-5.83	-0.29	-25.06	0.0	0.0	0.0
		-1.090e+04	-3006.80	0.04	0.0	60.0	-5.83	-90.85	-25.06	0.0	-1503.40	-2734.32
						120.0	-5.83	-181.41	-25.06	0.0	-3006.80	-1.090e+04
219	68	0.0	3006.80	-0.04	-181.12	0.0	5.83	0.29	25.06	0.0	0.0	0.0
		-1.083e+04	0.0	-0.04	0.0	60.0	5.83	-90.27	25.06	0.0	1503.40	-2699.32
						120.0	5.83	-180.83	25.06	0.0	3006.80	-1.083e+04
219	69	0.0	0.0	-0.06	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-9.21e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
219	70	0.0	0.0	-0.04	-283.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.701e+04	0.0	-5.42e-04	0.0	60.0	0.0	-141.72	0.0	0.0	0.0	-4251.73
						120.0	0.0	-283.45	0.0	0.0	0.0	-1.701e+04
219	71	0.0	0.0	-0.06	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-9.21e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
219	72	0.0	0.0	-0.05	-210.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.262e+04	0.0	-7.31e-04	0.0	60.0	0.0	-105.18	0.0	0.0	0.0	-3155.36
						120.0	0.0	-210.36	0.0	0.0	0.0	-1.262e+04
219	73	0.0	0.0	-0.06	-137.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-8236.01	0.0	-9.21e-04	0.0	60.0	0.0	-68.63	0.0	0.0	0.0	-2059.00
						120.0	0.0	-137.27	0.0	0.0	0.0	-8236.01
219	74	0.0	0.0	-0.05	-181.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.087e+04	0.0	-8.07e-04	0.0	60.0	0.0	-90.56	0.0	0.0	0.0	-2716.82
						120.0	0.0	-181.12	0.0	0.0	0.0	-1.087e+04
220	1	0.0	0.0	-0.04	-146.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-9699.91	0.0	-1.06e-03	0.0	60.0	0.0	-84.73	0.0	0.0	0.0	-2658.98
						120.0	0.0	-146.07	0.0	0.0	0.0	-9699.91
220	2	0.0	0.0	-0.01	-320.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-2.146e+04	0.0	-7.27e-04	0.0	60.0	0.0	-188.15	0.0	0.0	0.0	-5923.52
						120.0	0.0	-320.50	0.0	0.0	0.0	-2.146e+04
220	4	0.0	0.0	8.45e-03	-286.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.922e+04	0.0	-4.84e-04	0.0	60.0	0.0	-168.60	0.0	0.0	0.0	-5309.91
						120.0	0.0	-286.79	0.0	0.0	0.0	-1.922e+04
220	17	0.0	0.0	-0.11	-147.25	0.0	-24.22	6.91	-20.09	0.0	0.0	0.0
		-9164.26	-2410.60	-0.40	0.0	60.0	-24.22	-78.95	-20.09	0.0	-1205.30	-2373.46
						120.0	-24.22	-140.33	-20.09	0.0	-2410.60	-9164.26
220	18	6.32	19.01	-0.12	-147.25	0.0	-23.31	5.41	0.16	0.0	0.0	0.0
		-8984.68	0.0	-0.45	0.0	60.0	-23.31	-80.45	0.16	0.0	9.50	-2283.66
						120.0	-23.31	-141.83	0.16	0.0	19.01	-8984.68
220	19	0.0	0.0	0.07	-147.25	0.0	23.31	-5.41	-0.16	0.0	0.0	0.0
		-1.064e+04	-19.01	0.44	0.0	60.0	23.31	-91.28	-0.16	0.0	-9.50	-3112.89
						120.0	23.31	-152.66	-0.16	0.0	-19.01	-1.064e+04
220	20	0.0	2410.60	0.06	-147.25	0.0	24.22	-6.91	20.09	0.0	0.0	0.0
		-1.046e+04	0.0	0.40	0.0	60.0	24.22	-92.77	20.09	0.0	1205.30	-3023.10
						120.0	24.22	-154.16	20.09	0.0	2410.60	-1.046e+04
220	33	0.0	0.0	-0.04	-147.25	0.0	-8.65	4.34	-36.73	0.0	0.0	0.0
		-9891.38	-4408.08	-0.04	0.0	60.0	-8.65	-81.52	-36.73	0.0	-2204.04	-2737.01
						120.0	-8.65	-142.90	-36.73	0.0	-4408.08	-9891.38
220	36	0.0	4408.08	-0.01	-147.25	0.0	8.65	-4.34	36.73	0.0	0.0	0.0
		-9736.42	0.0	0.04	0.0	60.0	8.65	-90.21	36.73	0.0	2204.04	-2659.54
						120.0	8.65	-151.59	36.73	0.0	4408.08	-9736.42
220	49	0.0	0.0	-0.08	-147.25	0.0	-13.97	3.98	-11.58	0.0	0.0	0.0
		-9438.06	-1389.09	-0.23	0.0	60.0	-13.97	-81.88	-11.58	0.0	-694.54	-2510.35
						120.0	-13.97	-143.27	-11.58	0.0	-1389.09	-9438.06
220	51	0.0	0.0	0.03	-147.25	0.0	13.44	-3.13	-0.07	0.0	0.0	0.0
		-1.029e+04	-8.52	0.26	0.0	60.0	13.44	-88.99	-0.07	0.0	-4.26	-2936.96
						120.0	13.44	-150.38	-0.07	0.0	-8.52	-1.029e+04
220	52	0.0	1389.09	0.03	-147.25	0.0	13.97	-3.98	11.58	0.0	0.0	0.0
		-1.019e+04	0.0	0.23	0.0	60.0	13.97	-89.84	11.58	0.0	694.54	-2886.20
						120.0	13.97	-151.22	11.58	0.0	1389.09	-1.019e+04
220	65	0.0	0.0	-0.03	-147.25	0.0	-4.98	2.48	-21.14	0.0	0.0	0.0
		-9855.13	-2536.43	-0.02	0.0	60.0	-4.98	-83.39	-21.14	0.0	-1268.22	-2718.89
						120.0	-4.98	-144.77	-21.14	0.0	-2536.43	-9855.13

220	68	0.0	2536.43	-0.02	-147.25	0.0	4.98	-2.48	21.14	0.0	0.0	0.0
		-9772.68	0.0	0.02	0.0	60.0	4.98	-88.34	21.14	0.0	1268.22	-2677.66
						120.0	4.98	-149.72	21.14	0.0	2536.43	-9772.68
220	69	0.0	0.0	-0.03	-112.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7461.47	0.0	-8.12e-04	0.0	60.0	0.0	-65.18	0.0	0.0	0.0	-2045.37
						120.0	0.0	-112.36	0.0	0.0	0.0	-7461.47
220	70	0.0	0.0	-0.01	-228.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.530e+04	0.0	-5.93e-04	0.0	60.0	0.0	-134.12	0.0	0.0	0.0	-4221.73
						120.0	0.0	-228.65	0.0	0.0	0.0	-1.530e+04
220	71	0.0	0.0	-0.03	-112.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7461.47	0.0	-8.12e-04	0.0	60.0	0.0	-65.18	0.0	0.0	0.0	-2045.37
						120.0	0.0	-112.36	0.0	0.0	0.0	-7461.47
220	72	0.0	0.0	-0.02	-170.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-1.138e+04	0.0	-7.02e-04	0.0	60.0	0.0	-99.65	0.0	0.0	0.0	-3133.55
						120.0	0.0	-170.50	0.0	0.0	0.0	-1.138e+04
220	73	0.0	0.0	-0.03	-112.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-7461.47	0.0	-8.12e-04	0.0	60.0	0.0	-65.18	0.0	0.0	0.0	-2045.37
						120.0	0.0	-112.36	0.0	0.0	0.0	-7461.47
220	74	0.0	0.0	-0.02	-147.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		-9813.90	0.0	-7.46e-04	0.0	60.0	0.0	-85.86	0.0	0.0	0.0	-2698.28
						120.0	0.0	-147.25	0.0	0.0	0.0	-9813.90
221	1	-3.97e-05	0.0	0.03	-122.01	0.0	0.0	122.01	0.0	0.0	0.0	-1.300e+04
		-1.300e+04	0.0	-4.38e-04	0.0	84.9	0.0	84.40	0.0	0.0	0.0	-3911.89
						169.7	0.0	0.0	0.0	0.0	0.0	-3.97e-05
221	2	-3.97e-05	0.0	-0.06	-251.61	0.0	0.0	251.61	0.0	0.0	0.0	-2.766e+04
		-2.766e+04	0.0	-2.88e-04	0.0	84.9	0.0	181.61	0.0	0.0	0.0	-8494.11
						169.7	0.0	6.84e-06	0.0	0.0	0.0	-3.97e-05
221	3	-3.05e-05	0.0	0.02	-93.85	0.0	0.0	93.85	0.0	0.0	0.0	-1.000e+04
		-1.000e+04	0.0	-3.37e-04	0.0	84.9	0.0	64.93	0.0	0.0	0.0	-3009.14
						169.7	0.0	0.0	0.0	0.0	0.0	-3.05e-05
221	13	-3.05e-05	1.466e+04	-0.14	-119.77	0.0	26.30	124.37	-86.40	0.0	1.466e+04	-1.215e+04
		-1.215e+04	0.0	1.37	0.0	84.9	26.30	88.97	-86.40	0.0	7331.29	-3535.41
						169.7	26.30	4.60	-86.40	0.0	0.0	-3.05e-05
221	14	7.54	1.937e+04	-0.05	-119.77	0.0	14.83	127.16	-114.13	0.0	1.937e+04	-1.168e+04
		-1.168e+04	0.0	1.74	0.0	84.9	14.83	91.75	-114.13	0.0	9684.34	-3298.86
						169.7	14.83	7.39	-114.13	0.0	0.0	-3.05e-05
221	15	-3.05e-05	0.0	0.06	-119.77	0.0	-14.83	112.39	114.13	0.0	-1.937e+04	-1.419e+04
		-1.419e+04	-1.937e+04	-1.74	0.0	84.9	-14.83	76.98	114.13	0.0	-9684.34	-4552.31
						169.7	-14.83	-7.39	114.13	0.0	0.0	-3.05e-05
221	16	-3.05e-05	0.0	0.15	-119.77	0.0	-26.30	115.17	86.40	0.0	-1.466e+04	-1.371e+04
		-1.371e+04	-1.466e+04	-1.37	0.0	84.9	-26.30	79.77	86.40	0.0	-7331.29	-4315.77
						169.7	-26.30	-4.60	86.40	0.0	0.0	-3.05e-05
221	45	-3.05e-05	8456.98	-0.08	-119.77	0.0	15.16	122.43	-49.83	0.0	8456.98	-1.248e+04
		-1.248e+04	0.0	0.79	0.0	84.9	15.16	87.03	-49.83	0.0	4228.49	-3699.76
						169.7	15.16	2.66	-49.83	0.0	0.0	-3.05e-05
221	46	-3.05e-05	1.117e+04	-0.03	-119.77	0.0	8.57	124.02	-65.82	0.0	1.117e+04	-1.221e+04
		-1.221e+04	0.0	1.00	0.0	84.9	8.57	88.62	-65.82	0.0	5584.73	-3564.70
						169.7	8.57	4.25	-65.82	0.0	0.0	-3.05e-05
221	47	-3.05e-05	0.0	0.04	-119.77	0.0	-8.57	115.52	65.82	0.0	-1.117e+04	-1.365e+04
		-1.365e+04	-1.117e+04	-1.00	0.0	84.9	-8.57	80.11	65.82	0.0	-5584.73	-4286.48
						169.7	-8.57	-4.25	65.82	0.0	0.0	-3.05e-05
221	48	-3.05e-05	0.0	0.09	-119.77	0.0	-15.16	117.11	49.83	0.0	-8456.98	-1.338e+04
		-1.338e+04	-8456.98	-0.79	0.0	84.9	-15.16	81.71	49.83	0.0	-4228.49	-4151.42
						169.7	-15.16	-2.66	49.83	0.0	0.0	-3.05e-05
221	59	-3.05e-05	0.0	-0.06	-119.77	0.0	7.43	116.08	43.99	0.0	-7464.76	-1.356e+04
		-1.356e+04	-7464.76	-0.62	0.0	84.9	7.43	80.68	43.99	0.0	-3732.38	-4238.70
						169.7	7.43	-3.69	43.99	0.0	0.0	-3.05e-05
221	69	-3.05e-05	0.0	0.02	-93.85	0.0	0.0	93.85	0.0	0.0	0.0	-1.000e+04
		-1.000e+04	0.0	-3.37e-04	0.0	84.9	0.0	64.93	0.0	0.0	0.0	-3009.14
						169.7	0.0	0.0	0.0	0.0	0.0	-3.05e-05
221	70	-3.05e-05	0.0	-0.04	-180.25	0.0	0.0	180.25	0.0	0.0	0.0	-1.978e+04
		-1.978e+04	0.0	-2.37e-04	0.0	84.9	0.0	129.73	0.0	0.0	0.0	-6063.96
						169.7	0.0	4.64e-06	0.0	0.0	0.0	-3.05e-05
221	71	-3.05e-05	0.0	0.02	-93.85	0.0	0.0	93.85	0.0	0.0	0.0	-1.000e+04
		-1.000e+04	0.0	-3.37e-04	0.0	84.9	0.0	64.93	0.0	0.0	0.0	-3009.14
						169.7	0.0	0.0	0.0	0.0	0.0	-3.05e-05
221	72	-3.05e-05	0.0	0.01	-137.05	0.0	0.0	137.05	0.0	0.0	0.0	-1.489e+04
		-1.489e+04	0.0	-2.87e-04	0.0	84.9	0.0	97.33	0.0	0.0	0.0	-4536.55
						169.7	0.0	2.63e-06	0.0	0.0	0.0	-3.05e-05
221	73	-3.05e-05	0.0	0.02	-93.85	0.0	0.0	93.85	0.0	0.0	0.0	-1.000e+04
		-1.000e+04	0.0	-3.37e-04	0.0	84.9	0.0	64.93	0.0	0.0	0.0	-3009.14
						169.7	0.0	0.0	0.0	0.0	0.0	-3.05e-05
221	74	-3.05e-05	0.0	0.02	-119.77	0.0	0.0	119.77	0.0	0.0	0.0	-1.293e+04
		-1.293e+04	0.0	-3.07e-04	0.0	84.9	0.0	84.37	0.0	0.0	0.0	-3925.59
						169.7	0.0	1.83e-06	0.0	0.0	0.0	-3.05e-05
222	1	-3.97e-05	0.0	0.05	-122.00	0.0	0.0	122.00	0.0	0.0	0.0	-1.300e+04
		-1.300e+04	0.0	-3.53e-04	0.0	84.9	0.0	84.40	0.0	0.0	0.0	-3911.76

						169.7	0.0	0.0	0.0	0.0	0.0	-3.97e-05
222	2	-3.97e-05	0.0	-0.04	-251.60	0.0	0.0	251.60	0.0	0.0	0.0	-2.766e+04
		-2.766e+04	0.0	-3.26e-04	0.0	84.9	0.0	181.60	0.0	0.0	0.0	-8493.82
						169.7	0.0	2.05e-06	0.0	0.0	0.0	-3.97e-05
222	3	-3.05e-05	0.0	0.04	-93.85	0.0	0.0	93.85	0.0	0.0	0.0	-9999.73
		-9999.73	0.0	-2.72e-04	0.0	84.9	0.0	64.92	0.0	0.0	0.0	-3009.05
						169.7	0.0	0.0	0.0	0.0	0.0	-3.05e-05
222	5	-3.05e-05	0.0	-0.02	-119.77	0.0	29.13	111.95	166.11	0.0	0.0	-2.819e+04
		-1.225e+04	-2.819e+04	-2.64	0.0	84.9	29.13	76.55	166.11	0.0	0.0	-1.410e+04
						169.7	29.13	-7.81	166.11	0.0	0.0	-3.05e-05
222	6	12.08	0.0	-0.14	-119.77	0.0	40.84	115.72	136.54	0.0	0.0	-2.317e+04
		-1.161e+04	-2.317e+04	-2.21	0.0	84.9	40.84	80.31	136.54	0.0	0.0	-1.159e+04
						169.7	40.84	-4.05	136.54	0.0	0.0	-3.05e-05
222	7	-3.05e-05	2.317e+04	0.18	-119.77	0.0	-40.84	123.82	-136.54	0.0	0.0	2.317e+04
		-1.426e+04	0.0	2.21	0.0	84.9	-40.84	88.41	-136.54	0.0	0.0	1.159e+04
						169.7	-40.84	4.05	-136.54	0.0	0.0	-3.05e-05
222	8	-3.05e-05	2.819e+04	0.06	-119.77	0.0	-29.13	127.58	-166.11	0.0	0.0	2.819e+04
		-1.362e+04	0.0	2.64	0.0	84.9	-29.13	92.18	-166.11	0.0	0.0	1.410e+04
						169.7	-29.13	7.81	-166.11	0.0	0.0	-3.05e-05
222	22	14.63	661.29	-0.20	-119.77	0.0	30.01	124.26	-3.90	0.0	0.0	661.29
		-1.157e+04	0.0	-0.02	0.0	84.9	30.01	88.86	-3.90	0.0	0.0	330.65
						169.7	30.01	4.50	-3.90	0.0	0.0	-3.05e-05
222	23	-3.05e-05	0.0	0.24	-119.77	0.0	-30.01	115.27	3.90	0.0	0.0	-661.29
		-1.430e+04	-661.29	0.02	0.0	84.9	-30.01	79.87	3.90	0.0	0.0	-330.65
						169.7	-30.01	-4.50	3.90	0.0	0.0	-3.05e-05
222	37	-3.05e-05	0.0	0.01	-119.77	0.0	16.79	115.29	95.80	0.0	0.0	-1.626e+04
		-1.254e+04	-1.626e+04	-1.52	0.0	84.9	16.79	79.88	95.80	0.0	0.0	-8128.87
						169.7	16.79	-4.48	95.80	0.0	0.0	-3.05e-05
222	38	-3.05e-05	0.0	-0.07	-119.77	0.0	23.53	117.44	78.75	0.0	0.0	-1.336e+04
		-1.217e+04	-1.336e+04	-1.27	0.0	84.9	23.53	82.04	78.75	0.0	0.0	-6682.01
						169.7	23.53	-2.33	78.75	0.0	0.0	-3.05e-05
222	39	-3.05e-05	1.336e+04	0.11	-119.77	0.0	-23.53	122.09	-78.75	0.0	0.0	1.336e+04
		-1.369e+04	0.0	1.27	0.0	84.9	-23.53	86.69	-78.75	0.0	0.0	6682.01
						169.7	-23.53	2.33	-78.75	0.0	0.0	-3.05e-05
222	40	-3.05e-05	1.626e+04	0.04	-119.77	0.0	-16.79	124.25	-95.80	0.0	0.0	1.626e+04
		-1.333e+04	0.0	1.52	0.0	84.9	-16.79	88.84	-95.80	0.0	0.0	8128.87
						169.7	-16.79	4.48	-95.80	0.0	0.0	-3.05e-05
222	55	-3.05e-05	0.0	0.14	-119.77	0.0	-17.27	117.20	2.24	0.0	0.0	-379.62
		-1.371e+04	-379.62	8.04e-03	0.0	84.9	-17.27	81.79	2.24	0.0	0.0	-189.81
						169.7	-17.27	-2.57	2.24	0.0	0.0	-3.05e-05
222	56	-3.05e-05	9266.15	-0.07	-119.77	0.0	5.17	124.38	-54.60	0.0	0.0	9266.15
		-1.250e+04	0.0	0.84	0.0	84.9	5.17	88.98	-54.60	0.0	0.0	4633.07
						169.7	5.17	4.61	-54.60	0.0	0.0	-3.05e-05
222	69	-3.05e-05	0.0	0.04	-93.85	0.0	0.0	93.85	0.0	0.0	0.0	-9999.73
		-9999.73	0.0	-2.72e-04	0.0	84.9	0.0	64.92	0.0	0.0	0.0	-3009.05
						169.7	0.0	0.0	0.0	0.0	0.0	-3.05e-05
222	70	-3.05e-05	0.0	-0.02	-180.25	0.0	0.0	180.25	0.0	0.0	0.0	-1.977e+04
		-1.977e+04	0.0	-2.54e-04	0.0	84.9	0.0	129.72	0.0	0.0	0.0	-6063.75
						169.7	0.0	1.34e-06	0.0	0.0	0.0	-3.05e-05
222	71	-3.05e-05	0.0	0.04	-93.85	0.0	0.0	93.85	0.0	0.0	0.0	-9999.73
		-9999.73	0.0	-2.72e-04	0.0	84.9	0.0	64.92	0.0	0.0	0.0	-3009.05
						169.7	0.0	0.0	0.0	0.0	0.0	-3.05e-05
222	72	-3.05e-05	0.0	0.02	-137.05	0.0	0.0	137.05	0.0	0.0	0.0	-1.489e+04
		-1.489e+04	0.0	-2.63e-04	0.0	84.9	0.0	97.32	0.0	0.0	0.0	-4536.40
						169.7	0.0	0.0	0.0	0.0	0.0	-3.05e-05
222	73	-3.05e-05	0.0	0.04	-93.85	0.0	0.0	93.85	0.0	0.0	0.0	-9999.73
		-9999.73	0.0	-2.72e-04	0.0	84.9	0.0	64.92	0.0	0.0	0.0	-3009.05
						169.7	0.0	0.0	0.0	0.0	0.0	-3.05e-05
222	74	-3.05e-05	0.0	0.02	-119.77	0.0	0.0	119.77	0.0	0.0	0.0	-1.293e+04
		-1.293e+04	0.0	-2.66e-04	0.0	84.9	0.0	84.36	0.0	0.0	0.0	-3925.46
						169.7	0.0	0.0	0.0	0.0	0.0	-3.05e-05
223	1	-3.97e-05	0.0	0.02	-122.00	0.0	0.0	0.0	0.0	0.0	0.0	-3.97e-05
		-1.300e+04	0.0	-1.49e-03	0.0	84.9	0.0	-84.40	0.0	0.0	0.0	-3911.76
						169.7	0.0	-122.00	0.0	0.0	0.0	-1.300e+04
223	2	-3.97e-05	0.0	0.11	-251.60	0.0	0.0	0.0	0.0	0.0	0.0	-3.97e-05
		-2.766e+04	0.0	-1.03e-03	0.0	84.9	0.0	-181.60	0.0	0.0	0.0	-8493.82
						169.7	0.0	-251.60	0.0	0.0	0.0	-2.766e+04
223	3	-3.05e-05	0.0	0.02	-93.85	0.0	0.0	0.0	0.0	0.0	0.0	-3.05e-05
		-9999.73	0.0	-1.15e-03	0.0	84.9	0.0	-64.92	0.0	0.0	0.0	-3009.05
						169.7	0.0	-93.85	0.0	0.0	0.0	-9999.73
223	4	-3.05e-05	0.0	0.11	-223.45	0.0	0.0	0.0	0.0	0.0	0.0	-3.05e-05
		-2.466e+04	0.0	-6.84e-04	0.0	84.9	0.0	-162.12	0.0	0.0	0.0	-7591.10
						169.7	0.0	-223.45	0.0	0.0	0.0	-2.466e+04
223	17	-3.05e-05	0.0	-0.03	-119.77	0.0	-16.76	-7.61	-134.19	0.0	0.0	-3.05e-05
		-1.422e+04	-2.277e+04	1.99	0.0	84.9	-16.76	-91.97	-134.19	0.0	0.0	-1.139e+04
						169.7	-16.76	-127.38	-134.19	0.0	0.0	-2.277e+04
223	18	-3.05e-05	0.0	-0.13	-119.77	0.0	-28.68	-4.76	-101.93	0.0	0.0	-3.05e-05

		-1.374e+04	-1.730e+04	1.50	0.0	84.9	-28.68	-89.12	-101.93	0.0	-8649.10	-4329.05
						169.7	-28.68	-124.52	-101.93	0.0	-1.730e+04	-1.374e+04
223	19	-3.05e-05	1.730e+04	0.18	-119.77	0.0	28.68	4.76	101.93	0.0	0.0	-3.05e-05
		-1.213e+04	0.0	-1.50	0.0	84.9	28.68	-79.61	101.93	0.0	8649.10	-3521.87
						169.7	28.68	-115.01	101.93	0.0	1.730e+04	-1.213e+04
223	20	9.90	2.277e+04	0.08	-119.77	0.0	16.76	7.61	134.19	0.0	0.0	-3.05e-05
		-1.164e+04	0.0	-1.99	0.0	84.9	16.76	-76.76	134.19	0.0	1.139e+04	-3279.87
						169.7	16.76	-112.16	134.19	0.0	2.277e+04	-1.164e+04
223	49	-3.05e-05	0.0	0.01	-119.77	0.0	-9.68	-4.38	-77.39	0.0	0.0	-3.05e-05
		-1.368e+04	-1.313e+04	1.15	0.0	84.9	-9.68	-88.74	-77.39	0.0	-6566.55	-4296.99
						169.7	-9.68	-124.15	-77.39	0.0	-1.313e+04	-1.368e+04
223	50	-3.05e-05	0.0	-0.06	-119.77	0.0	-16.53	-2.76	-58.79	0.0	0.0	-3.05e-05
		-1.340e+04	-9976.87	0.86	0.0	84.9	-16.53	-87.12	-58.79	0.0	-4988.43	-4159.35
						169.7	-16.53	-122.52	-58.79	0.0	-9976.87	-1.340e+04
223	51	-3.05e-05	9976.87	0.11	-119.77	0.0	16.53	2.76	58.79	0.0	0.0	-3.05e-05
		-1.246e+04	0.0	-0.87	0.0	84.9	16.53	-81.61	58.79	0.0	4988.43	-3691.57
						169.7	16.53	-117.01	58.79	0.0	9976.87	-1.246e+04
223	52	-3.05e-05	1.313e+04	0.06	-119.77	0.0	9.68	4.38	77.39	0.0	0.0	-3.05e-05
		-1.219e+04	0.0	-1.15	0.0	84.9	9.68	-79.99	77.39	0.0	6566.55	-3553.93
						169.7	9.68	-115.39	77.39	0.0	1.313e+04	-1.219e+04
223	58	-3.05e-05	0.0	-0.06	-119.77	0.0	-7.22	-3.26	-13.50	0.0	0.0	-3.05e-05
		-1.349e+04	-2290.75	0.21	0.0	84.9	-7.22	-87.63	-13.50	0.0	-1145.37	-4202.47
						169.7	-7.22	-123.03	-13.50	0.0	-2290.75	-1.349e+04
223	69	-3.05e-05	0.0	0.02	-93.85	0.0	0.0	0.0	0.0	0.0	0.0	-3.05e-05
		-9999.73	0.0	-1.15e-03	0.0	84.9	0.0	-64.92	0.0	0.0	0.0	-3009.05
						169.7	0.0	-93.85	0.0	0.0	0.0	-9999.73
223	70	-3.05e-05	0.0	0.08	-180.25	0.0	0.0	0.0	0.0	0.0	0.0	-3.05e-05
		-1.977e+04	0.0	-8.39e-04	0.0	84.9	0.0	-129.72	0.0	0.0	0.0	-6063.75
						169.7	0.0	-180.25	0.0	0.0	0.0	-1.977e+04
223	71	-3.05e-05	0.0	0.02	-93.85	0.0	0.0	0.0	0.0	0.0	0.0	-3.05e-05
		-9999.73	0.0	-1.15e-03	0.0	84.9	0.0	-64.92	0.0	0.0	0.0	-3009.05
						169.7	0.0	-93.85	0.0	0.0	0.0	-9999.73
223	72	-3.05e-05	0.0	0.05	-137.05	0.0	0.0	0.0	0.0	0.0	0.0	-3.05e-05
		-1.489e+04	0.0	-9.93e-04	0.0	84.9	0.0	-97.32	0.0	0.0	0.0	-4536.40
						169.7	0.0	-137.05	0.0	0.0	0.0	-1.489e+04
223	73	-3.05e-05	0.0	0.02	-93.85	0.0	0.0	0.0	0.0	0.0	0.0	-3.05e-05
		-9999.73	0.0	-1.15e-03	0.0	84.9	0.0	-64.92	0.0	0.0	0.0	-3009.05
						169.7	0.0	-93.85	0.0	0.0	0.0	-9999.73
223	74	-3.05e-05	0.0	0.03	-119.77	0.0	0.0	0.0	0.0	0.0	0.0	-3.05e-05
		-1.293e+04	0.0	-1.06e-03	0.0	84.9	0.0	-84.36	0.0	0.0	0.0	-3925.46
						169.7	0.0	-119.77	0.0	0.0	0.0	-1.293e+04
224	1	-3.97e-05	0.0	-0.05	-122.01	0.0	0.0	0.0	0.0	0.0	0.0	-3.97e-05
		-1.300e+04	0.0	-4.39e-04	0.0	84.9	0.0	-84.40	0.0	0.0	0.0	-3911.89
						169.7	0.0	-122.01	0.0	0.0	0.0	-1.300e+04
224	2	-3.97e-05	0.0	0.05	-251.61	0.0	0.0	0.0	0.0	0.0	0.0	-3.97e-05
		-2.766e+04	0.0	-4.93e-04	0.0	84.9	0.0	-181.61	0.0	0.0	0.0	-8494.11
						169.7	0.0	-251.61	0.0	0.0	0.0	-2.766e+04
224	3	-3.05e-05	0.0	-0.04	-93.85	0.0	0.0	0.0	0.0	0.0	0.0	-3.05e-05
		-1.000e+04	0.0	-3.38e-04	0.0	84.9	0.0	-64.93	0.0	0.0	0.0	-3009.14
						169.7	0.0	-93.85	0.0	0.0	0.0	-1.000e+04
224	9	-3.05e-05	2.372e+04	-0.18	-119.77	0.0	-41.59	-4.62	139.78	0.0	0.0	-3.05e-05
		-1.372e+04	0.0	-2.50	0.0	84.9	-41.59	-88.98	139.78	0.0	1.186e+04	-4317.38
						169.7	-41.59	-124.39	139.78	0.0	2.372e+04	-1.372e+04
224	10	-3.05e-05	2.949e+04	-0.07	-119.77	0.0	-29.38	-7.62	173.77	0.0	0.0	-3.05e-05
		-1.423e+04	0.0	-2.99	0.0	84.9	-29.38	-91.99	173.77	0.0	1.474e+04	-4572.44
						169.7	-29.38	-127.39	173.77	0.0	2.949e+04	-1.423e+04
224	11	10.05	0.0	0.03	-119.77	0.0	29.38	7.62	-173.77	0.0	0.0	-3.05e-05
		-1.164e+04	-2.949e+04	2.99	0.0	84.9	29.38	-76.74	-173.77	0.0	-1.474e+04	-3278.74
						169.7	29.38	-112.15	-173.77	0.0	-2.949e+04	-1.164e+04
224	12	-3.05e-05	0.0	0.13	-119.77	0.0	41.59	4.62	-139.78	0.0	0.0	-3.05e-05
		-1.215e+04	-2.372e+04	2.50	0.0	84.9	41.59	-79.75	-139.78	0.0	-1.186e+04	-3533.80
						169.7	41.59	-115.15	-139.78	0.0	-2.372e+04	-1.215e+04
224	41	-3.05e-05	1.368e+04	-0.11	-119.77	0.0	-23.96	-2.66	80.62	0.0	0.0	-3.05e-05
		-1.338e+04	0.0	-1.44	0.0	84.9	-23.96	-87.02	80.62	0.0	6840.49	-4151.07
						169.7	-23.96	-122.43	80.62	0.0	1.368e+04	-1.338e+04
224	42	-3.05e-05	1.701e+04	-0.05	-119.77	0.0	-16.94	-4.37	100.21	0.0	0.0	-3.05e-05
		-1.367e+04	0.0	-1.73	0.0	84.9	-16.94	-88.74	100.21	0.0	8503.46	-4296.51
						169.7	-16.94	-124.14	100.21	0.0	1.701e+04	-1.367e+04
224	43	-3.05e-05	0.0	0.02	-119.77	0.0	16.94	4.37	-100.21	0.0	0.0	-3.05e-05
		-1.219e+04	-1.701e+04	1.73	0.0	84.9	16.94	-80.00	-100.21	0.0	-8503.46	-3554.67
						169.7	16.94	-115.40	-100.21	0.0	-1.701e+04	-1.219e+04
224	44	-3.05e-05	0.0	0.06	-119.77	0.0	23.96	2.66	-80.62	0.0	0.0	-3.05e-05
		-1.248e+04	-1.368e+04	1.44	0.0	84.9	23.96	-81.71	-80.62	0.0	-6840.49	-3700.11
						169.7	23.96	-117.11	-80.62	0.0	-1.368e+04	-1.248e+04
224	62	-3.05e-05	1.015e+04	0.05	-119.77	0.0	5.57	-3.91	59.79	0.0	0.0	-3.05e-05
		-1.360e+04	0.0	-0.96	0.0	84.9	5.57	-88.28	59.79	0.0	5073.21	-4257.46
						169.7	5.57	-123.68	59.79	0.0	1.015e+04	-1.360e+04

224	69	-3.05e-05 -1.000e+04	0.0 0.0	-0.04 -3.38e-04	-93.85 0.0	0.0 84.9	0.0 0.0	0.0 -64.93	0.0 0.0	0.0 0.0	0.0 0.0	-3.05e-05 -3009.14
						169.7	0.0	-93.85	0.0	0.0	0.0	0.0-1.000e+04
224	70	-3.05e-05 -1.978e+04	0.0 0.0	0.03 -3.73e-04	-180.25 0.0	0.0 84.9	0.0 0.0	0.0 -129.73	0.0 0.0	0.0 0.0	0.0 0.0	-3.05e-05 -6063.96
						169.7	0.0	-180.25	0.0	0.0	0.0	0.0-1.978e+04
224	71	-3.05e-05 -1.000e+04	0.0 0.0	-0.04 -3.38e-04	-93.85 0.0	0.0 84.9	0.0 0.0	0.0 -64.93	0.0 0.0	0.0 0.0	0.0 0.0	-3.05e-05 -3009.14
						169.7	0.0	-93.85	0.0	0.0	0.0	0.0-1.000e+04
224	72	-3.05e-05 -1.489e+04	0.0 0.0	-0.01 -3.56e-04	-137.05 0.0	0.0 84.9	0.0 0.0	0.0 -97.33	0.0 0.0	0.0 0.0	0.0 0.0	-3.05e-05 -4536.55
						169.7	0.0	-137.05	0.0	0.0	0.0	0.0-1.489e+04
224	73	-3.05e-05 -1.000e+04	0.0 0.0	-0.04 -3.38e-04	-93.85 0.0	0.0 84.9	0.0 0.0	0.0 -64.93	0.0 0.0	0.0 0.0	0.0 0.0	-3.05e-05 -3009.14
						169.7	0.0	-93.85	0.0	0.0	0.0	0.0-1.000e+04
224	74	-3.05e-05 -1.293e+04	0.0 0.0	-0.02 -3.48e-04	-119.77 0.0	0.0 84.9	0.0 0.0	0.0 -84.37	0.0 0.0	0.0 0.0	0.0 0.0	-3.05e-05 -3925.59
						169.7	0.0	-119.77	0.0	0.0	0.0	0.0-1.293e+04
225	1	9211.84 -7.702e+04	271.85 46.82	0.01 -1.11e-03	-830.25 0.0	0.0 50.8	-314.57 -314.57	1265.15 849.15	2.22 2.22	-1.711e+05 -1.711e+05	46.82 159.34	-7.702e+04 -2.337e+04
						101.5	-314.57	434.90	2.22	-1.711e+05	271.85	9211.84
225	2	5023.28 -9.960e+04	2159.86 1126.58	0.02 -7.91e-04	-888.37 0.0	0.0 50.8	-278.60 -278.60	1475.51 1030.29	-10.18 -10.18	-1.996e+05 -1.996e+05	2159.86 1643.22	-9.960e+04 -3.602e+04
						101.5	-278.60	587.14	-10.18	-1.996e+05	1126.58	5023.28
225	3	7086.03 -5.925e+04	209.12 36.02	9.95e-03 -8.53e-04	-638.66 0.0	0.0 50.8	-241.97 -241.97	973.19 653.19	1.71 1.71	-1.316e+05 -1.316e+05	36.02 122.57	-5.925e+04 -1.798e+04
						101.5	-241.97	334.54	1.71	-1.316e+05	209.12	7086.03
225	4	2897.47 -8.183e+04	2149.06 1063.85	0.01 -5.35e-04	-696.78 0.0	0.0 50.8	-206.01 -206.01	1183.56 834.33	-10.69 -10.69	-1.601e+05 -1.601e+05	2149.06 1606.45	-8.183e+04 -3.062e+04
						101.5	-206.01	486.78	-10.69	-1.601e+05	1063.85	2897.47
225	26	-1.232e+05 -5.859e+05	-3.706e+05 -1.034e+06	0.05 -0.09	-650.28 0.0	0.0 50.8	-1448.86 -1448.86	4878.97 4553.13	6547.86 6547.86	-1.496e+05 -1.496e+05	-1.034e+06 -7.025e+05	-5.859e+05 -3.463e+05
						101.5	-1448.86	4228.69	6547.86	-1.496e+05	-3.706e+05	-1.232e+05
225	27	4.583e+05 1.357e+05	1.035e+06 3.714e+05	-0.03 0.09	-650.28 0.0	0.0 50.8	979.30 979.30	-2848.44 -3174.28	-6549.41 -6549.41	-1.250e+05 -1.250e+05	1.035e+06 7.033e+05	4.583e+05 3.053e+05
						101.5	979.30	-3498.72	-6549.41	-1.250e+05	3.714e+05	1.357e+05
225	29	7.271e+05 2.015e+05	6.902e+05 2.371e+05	-0.05 -0.04	-650.28 0.0	0.0 50.8	412.96 412.96	-4854.40 -5180.25	-4459.07 -4459.07	-1.736e+05 -1.736e+05	6.902e+05 4.636e+05	7.271e+05 4.726e+05
						101.5	412.96	-5504.68	-4459.07	-1.736e+05	2.371e+05	2.015e+05
225	32	-1.890e+05 -8.547e+05	-2.363e+05 -6.892e+05	0.07 0.04	-650.28 0.0	0.0 50.8	-882.52 -882.52	6884.93 6559.09	4457.52 4457.52	-1.010e+05 -1.010e+05	-8.547e+05 -5.136e+05	-2.363e+05 -1.890e+05
						101.5	-882.52	6234.65	4457.52	-1.010e+05	-2.363e+05	-1.890e+05
225	34	-1.734e+05 -7.836e+05	-3.869e+05 -1.083e+06	0.06 -0.06	-650.28 0.0	0.0 50.8	-1317.71 -1317.71	6332.95 6007.11	6870.03 6870.03	-1.493e+05 -1.493e+05	-1.083e+06 -4.702e+05	-7.836e+05 -1.734e+05
						101.5	-1317.71	5682.67	6870.03	-1.493e+05	-3.869e+05	-1.734e+05
225	35	6.560e+05 1.859e+05	1.084e+06 3.877e+05	-0.04 0.06	-650.28 0.0	0.0 50.8	848.15 848.15	-4302.42 -4628.26	-6871.58 -6871.58	-1.254e+05 -1.254e+05	1.084e+06 7.356e+05	6.560e+05 4.292e+05
						101.5	848.15	-4952.70	-6871.58	-1.254e+05	3.877e+05	1.859e+05
225	46	-4554.12 -9.908e+04	-2.186e+05 -5.905e+05	0.02 -0.12	-650.28 0.0	0.0 50.8	-902.04 -902.04	1248.21 922.36	3674.48 3674.48	-1.919e+05 -1.919e+05	-5.905e+05 -4.045e+05	-9.908e+04 -4.356e+04
						101.5	-902.04	597.93	3674.48	-1.919e+05	-2.186e+05	-4554.12
225	47	1.705e+04 -2.845e+04	5.914e+05 2.194e+05	5.50e-03 0.12	-650.28 0.0	0.0 50.8	432.48 432.48	782.32 456.48	-3676.03 -3676.03	-8.272e+04 -8.272e+04	5.914e+05 4.054e+05	-2.845e+04 2553.17
						101.5	432.48	132.04	-3676.03	-8.272e+04	2.194e+05	1.705e+04
225	50	-1.280e+04 -1.314e+05	-2.214e+05 -5.984e+05	0.02 -0.11	-650.28 0.0	0.0 50.8	-881.35 -881.35	1485.37 1159.53	3726.86 3726.86	-1.921e+05 -1.921e+05	-5.984e+05 -4.099e+05	-1.314e+05 -6.384e+04
						101.5	-881.35	835.09	3726.86	-1.921e+05	-2.214e+05	-1.280e+04
225	51	2.630e+04 3857.90	5.994e+05 2.222e+05	3.86e-03 0.11	-650.28 0.0	0.0 50.8	411.79 411.79	545.16 219.32	-3728.41 -3728.41	-8.259e+04 -8.259e+04	5.994e+05 4.108e+05	3857.90 2.283e+04
						101.5	411.79	-105.12	-3728.41	-8.259e+04	2.222e+05	2.630e+04
225	61	3.654e+05 1.123e+05	3.579e+05 1.231e+05	-0.02 -0.02	-650.28 0.0	0.0 50.8	104.96 104.96	-2168.72 -2494.56	-2310.55 -2310.55	-1.574e+05 -1.574e+05	3.579e+05 2.405e+05	3.654e+05 2.471e+05
						101.5	104.96	-2819.00	-2310.55	-1.574e+05	1.231e+05	1.123e+05
225	64	-9.984e+04 -4.930e+05	-1.224e+05 -3.570e+05	0.04 0.02	-650.28 0.0	0.0 50.8	-574.53 -574.53	4199.25 3873.41	2309.00 2309.00	-1.172e+05 -1.172e+05	-3.570e+05 -2.397e+05	-4.930e+05 -2.882e+05
						101.5	-574.53	3548.97	2309.00	-1.172e+05	-1.224e+05	-9.984e+04
225	69	7086.03 -5.925e+04	209.12 36.02	9.95e-03 -8.53e-04	-638.66 0.0	0.0 50.8	-241.97 -241.97	973.19 653.19	1.71 1.71	-1.316e+05 -1.316e+05	36.02 122.57	-5.925e+04 -1.798e+04
						101.5	-241.97	334.54	1.71	-1.316e+05	209.12	7086.03
225	70	4293.65 -7.430e+04	1444.71 778.94	0.01 -6.41e-04	-677.40 0.0	0.0 50.8	-218.00 -218.00	1113.43 773.95	-6.56 -6.56	-1.506e+05 -1.506e+05	1444.71 1111.82	-7.430e+04 -2.641e+04
						101.5	-218.00	436.03	-6.56	-1.506e+05	778.94	4293.65
225	71	7086.03 -5.925e+04	209.12 36.02	9.95e-03 -8.53e-04	-638.66 0.0	0.0 50.8	-241.97 -241.97	973.19 653.19	1.71 1.71	-1.316e+05 -1.316e+05	36.02 122.57	-5.925e+04 -1.798e+04
						101.5	-241.97	334.54	1.71	-1.316e+05	209.12	7086.03
225	72	5689.84 -6.677e+04	740.36 494.03	0.01 -7.47e-04	-658.03 0.0	0.0 50.8	-229.99 -229.99	1043.31 713.57	-2.43 -2.43	-1.411e+05 -1.411e+05	740.36 617.20	-6.677e+04 -2.219e+04

							101.5	-229.99	385.28	-2.43	-1.411e+05	494.03	5689.84
225	73	7086.03	209.12	9.95e-03	-638.66	0.0	0.0	-241.97	973.19	1.71	-1.316e+05	36.02	-5.925e+04
		-5.925e+04	36.02	-8.53e-04	0.0	50.8	50.8	-241.97	653.19	1.71	-1.316e+05	122.57	-1.798e+04
						101.5	101.5	-241.97	334.54	1.71	-1.316e+05	209.12	7086.03
225	74	6248.32	458.62	0.01	-650.28	0.0	0.0	-234.78	1015.26	-0.77	-1.373e+05	458.62	-6.376e+04
		-6.376e+04	380.06	-7.89e-04	0.0	50.8	50.8	-234.78	689.42	-0.77	-1.373e+05	419.34	-2.051e+04
						101.5	101.5	-234.78	364.98	-0.77	-1.373e+05	380.06	6248.32
226	2	-1.805e+05	6401.43	0.04	-2150.56	0.0	0.0	-1687.62	-6251.47	15.89	3.443e+04	4884.25	-1.805e+05
		-8.802e+05	4884.25	6.85e-04	0.0	47.8	47.8	-1687.62	-7326.75	15.89	3.443e+04	5642.84	-5.047e+05
						95.5	95.5	-1687.62	-8402.03	15.89	3.443e+04	6401.43	-8.802e+05
226	3	-1.142e+05	3995.29	0.03	-1452.80	0.0	0.0	-1140.22	-3879.01	8.47	8792.44	3186.73	-1.142e+05
		-5.540e+05	3186.73	6.15e-04	0.0	47.8	47.8	-1140.22	-4605.41	8.47	8792.44	3591.01	-3.168e+05
						95.5	95.5	-1140.22	-5331.81	8.47	8792.44	3995.29	-5.540e+05
226	17	-4.333e+05	-2.717e+04	9.24e-03	-1505.18	0.0	0.0	-4610.53	-5751.75	-804.94	-1.371e+05	-2.717e+04	-4.333e+05
		-1.054e+06	-1.119e+05	-0.13	0.0	47.8	47.8	-4610.53	-6504.35	-804.94	-1.371e+05	-6.952e+04	-7.259e+05
						95.5	95.5	-4610.53	-7256.94	-804.94	-1.371e+05	-1.119e+05	-1.054e+06
226	20	1.921e+05	1.203e+05	0.05	-1505.18	0.0	0.0	2247.95	-2489.77	823.83	1.639e+05	3.384e+04	1.921e+05
		-1.176e+05	3.384e+04	0.13	0.0	47.8	47.8	2247.95	-3242.36	823.83	1.639e+05	7.709e+04	5.520e+04
						95.5	95.5	2247.95	-3994.95	823.83	1.639e+05	1.203e+05	-1.176e+05
226	34	-1.196e+05	-2.277e+05	3.19e-03	-1505.18	0.0	0.0	-8742.04	-4042.86	-2093.69	4.053e+05	-2.277e+05	-1.196e+05
		-5.776e+05	-3.956e+05	0.29	0.0	47.8	47.8	-8742.04	-4795.45	-2093.69	4.053e+05	-3.117e+05	-3.306e+05
						95.5	95.5	-8742.04	-5548.04	-2093.69	4.053e+05	-3.956e+05	-5.776e+05
226	35	-1.217e+05	4.041e+05	0.06	-1505.18	0.0	0.0	6379.46	-4198.66	2112.57	-3.785e+05	2.344e+05	-1.217e+05
		-5.944e+05	2.344e+05	-0.29	0.0	47.8	47.8	6379.46	-4951.26	2112.57	-3.785e+05	3.192e+05	-3.401e+05
						95.5	95.5	6379.46	-5703.85	2112.57	-3.785e+05	4.041e+05	-5.944e+05
226	49	-3.003e+05	-1.732e+04	0.01	-1505.18	0.0	0.0	-3248.10	-5057.69	-474.45	-6.729e+04	-1.732e+04	-3.003e+05
		-8.551e+05	-6.751e+04	-0.07	0.0	47.8	47.8	-3248.10	-5810.28	-474.45	-6.729e+04	-4.242e+04	-5.957e+05
						95.5	95.5	-3248.10	-6562.87	-474.45	-6.729e+04	-6.751e+04	-8.551e+05
226	52	5.904e+04	7.598e+04	0.04	-1505.18	0.0	0.0	885.52	-3183.83	493.33	9.408e+04	2.399e+04	5.904e+04
		-3.169e+05	2.399e+04	0.07	0.0	47.8	47.8	885.52	-3936.42	493.33	9.408e+04	4.999e+04	-1.110e+05
						95.5	95.5	885.52	-4689.02	493.33	9.408e+04	7.598e+04	-3.169e+05
226	66	-1.223e+05	-1.201e+05	0.01	-1505.18	0.0	0.0	-5247.02	-4088.04	-1154.61	2.196e+05	-1.201e+05	-1.223e+05
		-5.846e+05	-2.108e+05	0.15	0.0	47.8	47.8	-5247.02	-4840.63	-1154.61	2.196e+05	-1.654e+05	-3.355e+05
						95.5	95.5	-5247.02	-5593.22	-1154.61	2.196e+05	-2.108e+05	-5.846e+05
226	67	-1.189e+05	2.193e+05	0.04	-1505.18	0.0	0.0	2884.45	-4153.48	1173.50	-1.928e+05	1.268e+05	-1.189e+05
		-5.874e+05	1.268e+05	-0.15	0.0	47.8	47.8	2884.45	-4906.07	1173.50	-1.928e+05	1.730e+05	-3.352e+05
						95.5	95.5	2884.45	-5658.66	1173.50	-1.928e+05	2.193e+05	-5.874e+05
226	69	-1.142e+05	3995.29	0.03	-1452.80	0.0	0.0	-1140.22	-3879.01	8.47	8792.44	3186.73	-1.142e+05
		-5.540e+05	3186.73	6.15e-04	0.0	47.8	47.8	-1140.22	-4605.41	8.47	8792.44	3591.01	-3.168e+05
						95.5	95.5	-1140.22	-5331.81	8.47	8792.44	3995.29	-5.540e+05
226	70	-1.356e+05	4800.33	0.03	-1627.41	0.0	0.0	-1277.11	-4684.85	11.72	2.413e+04	3681.07	-1.356e+05
		-6.607e+05	3681.07	5.39e-04	0.0	47.8	47.8	-1277.11	-5498.55	11.72	2.413e+04	4240.70	-3.787e+05
						95.5	95.5	-1277.11	-6312.26	11.72	2.413e+04	4800.33	-6.607e+05
226	71	-1.142e+05	3995.29	0.03	-1452.80	0.0	0.0	-1140.22	-3879.01	8.47	8792.44	3186.73	-1.142e+05
		-5.540e+05	3186.73	6.15e-04	0.0	47.8	47.8	-1140.22	-4605.41	8.47	8792.44	3591.01	-3.168e+05
						95.5	95.5	-1140.22	-5331.81	8.47	8792.44	3995.29	-5.540e+05
226	72	-1.249e+05	4397.81	0.03	-1540.11	0.0	0.0	-1208.67	-4281.93	10.09	1.646e+04	3433.90	-1.249e+05
		-6.073e+05	3433.90	5.77e-04	0.0	47.8	47.8	-1208.67	-5051.98	10.09	1.646e+04	3915.85	-3.477e+05
						95.5	95.5	-1208.67	-5822.03	10.09	1.646e+04	4397.81	-6.073e+05
226	73	-1.142e+05	3995.29	0.03	-1452.80	0.0	0.0	-1140.22	-3879.01	8.47	8792.44	3186.73	-1.142e+05
		-5.540e+05	3186.73	6.15e-04	0.0	47.8	47.8	-1140.22	-4605.41	8.47	8792.44	3591.01	-3.168e+05
						95.5	95.5	-1140.22	-5331.81	8.47	8792.44	3995.29	-5.540e+05
226	74	-1.206e+05	4236.80	0.03	-1505.18	0.0	0.0	-1181.29	-4120.76	9.44	1.339e+04	3335.03	-1.206e+05
		-5.860e+05	3335.03	5.92e-04	0.0	47.8	47.8	-1181.29	-4873.35	9.44	1.339e+04	3785.92	-3.353e+05
						95.5	95.5	-1181.29	-5625.94	9.44	1.339e+04	4236.80	-5.860e+05
227	2	-2.938e+05	-5401.43	0.01	-2169.63	0.0	0.0	-2371.92	-7250.51	-24.68	6.410e+04	-5401.43	-2.938e+05
		-8.392e+05	-7018.21	1.17e-03	0.0	32.8	32.8	-2371.92	-8323.85	-24.68	6.410e+04	-6209.82	-5.487e+05
						65.5	65.5	-2371.92	-9420.14	-24.68	6.410e+04	-7018.21	-8.392e+05
227	3	-1.842e+05	-3866.88	6.58e-03	-1446.54	0.0	0.0	-1584.31	-4507.90	-17.39	2.327e+04	-3866.88	-1.842e+05
		-5.265e+05	-5005.89	8.45e-04	0.0	32.8	32.8	-1584.31	-5223.73	-17.39	2.327e+04	-4436.39	-3.435e+05
						65.5	65.5	-1584.31	-5954.44	-17.39	2.327e+04	-5005.89	-5.265e+05
227	18	-5.776e+05	4.351e+04	-0.02	-1504.36	0.0	0.0	-7481.97	-6482.56	1065.03	8.497e+04	-2.295e+04	-5.776e+05
		-1.051e+06	-2.295e+04	0.03	0.0	32.8	32.8	-7481.97	-7226.95	1065.03	8.497e+04	1.028e+04	-8.020e+05
						65.5	65.5	-7481.97	-7986.92	1065.03	8.497e+04	4.351e+04	-1.051e+06
227	19	1.875e+05	1.506e+04	0.03	-1504.36	0.0	0.0	4188.42	-3089.34	-1100.64	-2.489e+04	1.506e+04	1.875e+05
		-6.384e+04	-5.372e+04	-0.03	0.0	32.8	32.8	4188.42	-3833.72	-1100.64	-2.489e+04	-1.933e+04	7.415e+04
						65.5	65.5	4188.42	-4593.70	-1100.64	-2.489e+04	-5.372e+04	-6.384e+04
227	33	-2.667e+05	2.593e+05	3.95e-03	-1504.36	0.0	0.0	3645.35	-5100.75	-1128.98	-2.357e+05	2.593e+05	-2.667e+05
		-6.499e+05	1.891e+05	-0.06	0.0	32.8	32.8	3645.35	-5845.14	-1128.98	-2.357e+05	2.242e+05	-4.460e+05
						65.5	65.5	3645.35	-6605.12	-1128.98	-2.357e+05	1.891e+05	-6.499e+05
227	34	-3.458e+05	-1.405e+05	-3.65e-03	-1504.36	0.0	0.0	-9277.01	-5457.04	1505.93	2.821e+05	-2.342e+05	-3.458e+05
		-7.519e+05	-2.342e+05	0.07	0.0	32.8	32.8	-9277.01	-6201.43	1505.93	2.821e+05	-1.873e+05	-5.366e+05
						65.5	65.5	-9277.01	-6961.41	1505.93	2.821e+05	-1.405e+05	-7.519e+05
227	35	-4.426e+04	2.263e+05	0.02	-1504.36	0.0	0.0	5983.46	-4114.85	-1541.54	-2.220e+05	2.263e+05	-4.426e+04
		-3.629e+05	1.303e+05	-0.07	0.0	32.8	32.8	5983.46	-4859.24	-1541.54	-2.220e+05	1.783e+05	-1.913e+05
						65.5	65.5	5983.46	-5619.22	-1541.54	-2.220e+05	1.303e+05	-3.629e+05
227	36	-1.234e+05	-1.993e+05	0.01	-1504.36	0.0	0.0	-6938.90	-4471.14	1093.37	2.958e+05	-2.672e+05	-1.234e+05

		-4.650e+05	-2.672e+05	0.06	0.0	32.8	-6938.90	-5215.53	1093.37	2.958e+05	-2.333e+05	-2.819e+05
						65.5	-6938.90	-5975.51	1093.37	2.958e+05	-1.993e+05	-4.650e+05
227	50	-4.156e+05	2.448e+04	-8.17e-03	-1504.36	0.0	-4916.27	-5763.58	589.41	5.834e+04	-1.228e+04	-4.156e+05
		-8.420e+05	-1.228e+04	0.02	0.0	32.8	-4916.27	-6507.96	589.41	5.834e+04	6102.62	-6.165e+05
						65.5	-4916.27	-7267.94	589.41	5.834e+04	2.448e+04	-8.420e+05
227	51	2.551e+04	4395.08	0.02	-1504.36	0.0	1622.72	-3808.32	-625.02	1734.43	4395.08	2.551e+04
		-2.729e+05	-3.470e+04	-0.02	0.0	32.8	1622.72	-4552.70	-625.02	1734.43	-1.515e+04	-1.114e+05
						65.5	1622.72	-5312.68	-625.02	1734.43	-3.470e+04	-2.729e+05
227	65	-2.368e+05	1.385e+05	4.92e-03	-1504.36	0.0	1085.16	-4971.09	-598.13	-1.116e+05	1.385e+05	-2.368e+05
		-6.114e+05	1.016e+05	-0.03	0.0	32.8	1085.16	-5715.48	-598.13	-1.116e+05	1.201e+05	-4.118e+05
						65.5	1085.16	-6475.46	-598.13	-1.116e+05	1.016e+05	-6.114e+05
227	66	-2.816e+05	-7.790e+04	3.38e-03	-1504.36	0.0	-5727.29	-5169.52	800.94	1.639e+05	-1.275e+05	-2.816e+05
		-6.690e+05	-1.275e+05	0.04	0.0	32.8	-5727.29	-5913.91	800.94	1.639e+05	-1.027e+05	-4.630e+05
						65.5	-5727.29	-6673.88	800.94	1.639e+05	-7.790e+04	-6.690e+05
227	67	-1.085e+05	1.196e+05	0.01	-1504.36	0.0	2433.74	-4402.38	-836.55	-1.038e+05	1.196e+05	-1.085e+05
		-4.459e+05	6.768e+04	-0.03	0.0	32.8	2433.74	-5146.76	-836.55	-1.038e+05	9.364e+04	-2.649e+05
						65.5	2433.74	-5906.74	-836.55	-1.038e+05	6.768e+04	-4.459e+05
227	68	-1.533e+05	-1.118e+05	9.71e-03	-1504.36	0.0	-4378.71	-4600.80	562.52	1.717e+05	-1.464e+05	-1.533e+05
		-5.035e+05	-1.464e+05	0.03	0.0	32.8	-4378.71	-5345.19	562.52	1.717e+05	-1.291e+05	-3.161e+05
						65.5	-4378.71	-6105.17	562.52	1.717e+05	-1.118e+05	-5.035e+05
227	69	-1.842e+05	-3866.88	6.58e-03	-1446.54	0.0	-1584.31	-4507.90	-17.39	2.327e+04	-3866.88	-1.842e+05
		-5.265e+05	-5005.89	8.45e-04	0.0	32.8	-1584.31	-5223.73	-17.39	2.327e+04	-4436.39	-3.435e+05
						65.5	-1584.31	-5954.44	-17.39	2.327e+04	-5005.89	-5.265e+05
227	70	-2.204e+05	-4116.53	8.05e-03	-1639.29	0.0	-1792.52	-5434.73	-18.77	4.583e+04	-4116.53	-2.204e+05
		-6.297e+05	-5346.26	8.91e-04	0.0	32.8	-1792.52	-6245.73	-18.77	4.583e+04	-4731.40	-4.116e+05
						65.5	-1792.52	-7074.02	-18.77	4.583e+04	-5346.26	-6.297e+05
227	71	-1.842e+05	-3866.88	6.58e-03	-1446.54	0.0	-1584.31	-4507.90	-17.39	2.327e+04	-3866.88	-1.842e+05
		-5.265e+05	-5005.89	8.45e-04	0.0	32.8	-1584.31	-5223.73	-17.39	2.327e+04	-4436.39	-3.435e+05
						65.5	-1584.31	-5954.44	-17.39	2.327e+04	-5005.89	-5.265e+05
227	72	-2.023e+05	-3991.71	7.32e-03	-1542.91	0.0	-1688.42	-4971.31	-18.08	3.455e+04	-3991.71	-2.023e+05
		-5.781e+05	-5176.07	8.68e-04	0.0	32.8	-1688.42	-5734.73	-18.08	3.455e+04	-4583.89	-3.775e+05
						65.5	-1688.42	-6514.23	-18.08	3.455e+04	-5176.07	-5.781e+05
227	73	-1.842e+05	-3866.88	6.58e-03	-1446.54	0.0	-1584.31	-4507.90	-17.39	2.327e+04	-3866.88	-1.842e+05
		-5.265e+05	-5005.89	8.45e-04	0.0	32.8	-1584.31	-5223.73	-17.39	2.327e+04	-4436.39	-3.435e+05
						65.5	-1584.31	-5954.44	-17.39	2.327e+04	-5005.89	-5.265e+05
227	74	-1.950e+05	-3941.78	7.02e-03	-1504.36	0.0	-1646.78	-4785.95	-17.80	3.004e+04	-3941.78	-1.950e+05
		-5.574e+05	-5108.00	8.59e-04	0.0	32.8	-1646.78	-5530.33	-17.80	3.004e+04	-4524.89	-3.639e+05
						65.5	-1646.78	-6290.31	-17.80	3.004e+04	-5108.00	-5.574e+05
228	2	-6.440e+05	590.76	0.01	-1200.78	0.0	-3205.02	-9699.54	10.62	7.207e+04	213.65	-6.440e+05
		-1.010e+06	213.65	-4.87e-04	0.0	17.8	-3205.02	-1.030e+04	10.62	7.207e+04	402.20	-8.215e+05
						35.5	-3205.02	-1.090e+04	10.62	7.207e+04	590.76	-1.010e+06
228	3	-4.073e+05	341.28	6.48e-03	-800.12	0.0	-2134.16	-6079.91	7.27	2.513e+04	83.25	-4.073e+05
		-6.373e+05	83.25	-3.36e-04	0.0	17.8	-2134.16	-6479.97	7.27	2.513e+04	212.26	-5.188e+05
						35.5	-2134.16	-6880.03	7.27	2.513e+04	341.28	-6.373e+05
228	18	-8.744e+05	-4.435e+04	-8.84e-03	-832.24	0.0	-6470.74	-8156.04	461.90	3.671e+04	-5.466e+04	-8.744e+05
		-1.179e+06	-5.466e+04	-0.02	0.0	17.8	-6470.74	-8572.16	461.90	3.671e+04	-4.950e+04	-1.023e+06
						35.5	-6470.74	-8988.28	461.90	3.671e+04	-4.435e+04	-1.179e+06
228	19	1.397e+04	5.487e+04	0.02	-832.24	0.0	2030.18	-4722.05	-446.89	2.932e+04	5.487e+04	1.397e+04
		-1.684e+05	4.509e+04	0.02	0.0	17.8	2030.18	-5138.17	-446.89	2.932e+04	4.998e+04	7.354e+04
						35.5	2030.18	-5554.29	-446.89	2.932e+04	4.509e+04	-1.684e+05
228	22	-5.077e+05	-1.268e+05	4.86e-03	-832.24	0.0	-8743.60	-6745.02	1900.34	1.170e+05	-1.922e+05	-5.077e+05
		-7.619e+05	-1.922e+05	-0.03	0.0	17.8	-8743.60	-7161.14	1900.34	1.170e+05	-1.595e+05	-6.311e+05
						35.5	-8743.60	-7577.26	1900.34	1.170e+05	-1.268e+05	-7.619e+05
228	23	-3.527e+05	1.924e+05	8.81e-03	-832.24	0.0	4303.04	-6133.07	-1885.33	-5.099e+04	1.924e+05	-3.527e+05
		-5.853e+05	1.276e+05	0.03	0.0	17.8	4303.04	-6549.19	-1885.33	-5.099e+04	1.600e+05	-4.653e+05
						35.5	4303.04	-6965.31	-1885.33	-5.099e+04	1.276e+05	-5.853e+05
228	26	-5.869e+05	-1.190e+05	2.46e-03	-832.24	0.0	-9039.44	-7050.94	1890.11	1.049e+05	-1.847e+05	-5.869e+05
		-8.519e+05	-1.847e+05	-0.03	0.0	17.8	-9039.44	-7467.06	1890.11	1.049e+05	-1.519e+05	-7.157e+05
						35.5	-9039.44	-7883.18	1890.11	1.049e+05	-1.190e+05	-8.519e+05
228	27	-2.735e+05	1.849e+05	0.01	-832.24	0.0	4598.88	-5827.15	-1875.11	-3.888e+04	1.849e+05	-2.735e+05
		-4.952e+05	1.198e+05	0.03	0.0	17.8	4598.88	-6243.28	-1875.11	-3.888e+04	1.523e+05	-3.807e+05
						35.5	4598.88	-6659.40	-1875.11	-3.888e+04	1.198e+05	-4.952e+05
228	50	-6.860e+05	-2.487e+04	-2.18e-03	-832.24	0.0	-4581.31	-7427.63	245.12	3.520e+04	-2.994e+04	-6.860e+05
		-9.644e+05	-2.994e+04	-8.99e-03	0.0	17.8	-4581.31	-7843.75	245.12	3.520e+04	-2.740e+04	-8.215e+05
						35.5	-4581.31	-8259.88	245.12	3.520e+04	-2.487e+04	-9.644e+05
228	51	-1.744e+05	3.015e+04	0.02	-832.24	0.0	140.75	-5450.46	-230.12	3.083e+04	3.015e+04	-1.744e+05
		-3.827e+05	2.561e+04	8.30e-03	0.0	17.8	140.75	-5866.58	-230.12	3.083e+04	2.788e+04	-2.749e+05
						35.5	140.75	-6282.70	-230.12	3.083e+04	2.561e+04	-3.827e+05
228	54	-4.744e+05	-6.947e+04	5.71e-03	-832.24	0.0	-5680.64	-6613.67	1022.36	7.927e+04	-1.046e+05	-4.744e+05
		-7.240e+05	-1.046e+05	-0.02	0.0	17.8	-5680.64	-7029.79	1022.36	7.927e+04	-8.701e+04	-5.955e+05
						35.5	-5680.64	-7445.91	1022.36	7.927e+04	-6.947e+04	-7.240e+05
228	55	-3.859e+05	1.048e+05	7.95e-03	-832.24	0.0	1240.08	-6264.42	-1007.36	-1.325e+04	1.048e+05	-3.859e+05
		-6.231e+05	7.021e+04	0.02	0.0	17.8	1240.08	-6680.54	-1007.36	-1.325e+04	8.749e+04	-5.008e+05
						35.5	1240.08	-7096.66	-1007.36	-1.325e+04	7.021e+04	-6.231e+05
228	58	-5.201e+05	-6.519e+04	4.07e-03	-832.24	0.0	-5851.66	-6789.93	1015.56	7.259e+04	-1.004e+05	-5.201e+05
		-7.759e+05	-1.004e+05	-0.02	0.0	17.8	-5851.66	-7206.05	1015.56	7.259e+04	-8.281e+04	-6.443e+05
						35.5	-5851.66	-7622.17	1015.56	7.259e+04	-6.519e+04	-7.759e+05

228	59-3.403e+05 -5.713e+05	1.006e+05 6.593e+04	9.63e-03 0.02	-832.24 0.0	0.0 17.8	1411.10 1411.10	-6088.16 -6504.28	-1000.56 -1000.56	-6564.29 -6564.29	1.006e+05-3.403e+05 8.329e+04-4.521e+05
					35.5	1411.10	-6920.40	-1000.56	-6564.29	6.593e+04-5.713e+05
228	69-4.073e+05 -6.373e+05	341.28 83.25	6.48e-03 -3.36e-04	-800.12 0.0	0.0 17.8	-2134.16 -2134.16	-6079.91 -6479.97	7.27 7.27	2.513e+04 2.513e+04	83.25-4.073e+05 212.26-5.188e+05
					35.5	-2134.16	-6880.03	7.27	2.513e+04	341.28-6.373e+05
228	70-4.836e+05 -7.581e+05	439.34 153.53	7.65e-03 -3.70e-04	-907.20 0.0	0.0 17.8	-2421.24 -2421.24	-7277.02 -7730.62	8.05 8.05	5.140e+04 5.140e+04	153.53-4.836e+05 296.44-6.168e+05
					35.5	-2421.24	-8184.22	8.05	5.140e+04	439.34-7.581e+05
228	71-4.073e+05 -6.373e+05	341.28 83.25	6.48e-03 -3.36e-04	-800.12 0.0	0.0 17.8	-2134.16 -2134.16	-6079.91 -6479.97	7.27 7.27	2.513e+04 2.513e+04	83.25-4.073e+05 212.26-5.188e+05
					35.5	-2134.16	-6880.03	7.27	2.513e+04	341.28-6.373e+05
228	72-4.455e+05 -6.977e+05	390.31 118.39	7.06e-03 -3.53e-04	-853.66 0.0	0.0 17.8	-2277.70 -2277.70	-6678.47 -7105.30	7.66 7.66	3.826e+04 3.826e+04	118.39-4.455e+05 254.35-5.678e+05
					35.5	-2277.70	-7532.13	7.66	3.826e+04	390.31-6.977e+05
228	73-4.073e+05 -6.373e+05	341.28 83.25	6.48e-03 -3.36e-04	-800.12 0.0	0.0 17.8	-2134.16 -2134.16	-6079.91 -6479.97	7.27 7.27	2.513e+04 2.513e+04	83.25-4.073e+05 212.26-5.188e+05
					35.5	-2134.16	-6880.03	7.27	2.513e+04	341.28-6.373e+05
228	74-4.302e+05 -6.736e+05	370.70 104.33	6.83e-03 -3.46e-04	-832.24 0.0	0.0 17.8	-2220.28 -2220.28	-6439.04 -6855.17	7.50 7.50	3.301e+04 3.301e+04	104.33-4.302e+05 237.52-5.482e+05
					35.5	-2220.28	-7271.29	7.50	3.301e+04	370.70-6.736e+05
229	1-9.063e+05 -9.570e+05	976.37 957.97	4.19e-05 -6.64e-05	-161.15 0.0	0.0 2.8	-2695.54 -2695.54	-9144.08 -9224.66	3.35 3.35	3.820e+04 3.820e+04	957.97-9.063e+05 967.17-9.315e+05
					5.5	-2695.54	-9305.23	3.35	3.820e+04	976.37-9.570e+05
229	2-1.097e+06 -1.159e+06	932.60 915.57	5.13e-05 -7.22e-05	-186.04 0.0	0.0 2.8	-3103.95 -3103.95	-1.119e+04 -1.129e+04	3.10 3.10	8.361e+04 8.361e+04	915.57-1.097e+06 924.08-1.128e+06
					5.5	-3103.95	-1.138e+04	3.10	8.361e+04	932.60-1.159e+06
229	3-6.971e+05 -7.362e+05	751.05 736.90	3.22e-05 -5.11e-05	-123.96 0.0	0.0 2.8	-2073.49 -2073.49	-7033.91 -7095.89	2.57 2.57	2.938e+04 2.938e+04	736.90-6.971e+05 743.98-7.166e+05
					5.5	-2073.49	-7157.87	2.57	2.938e+04	751.05-7.362e+05
229	4-8.880e+05 -9.384e+05	707.29 694.50	4.16e-05 -5.68e-05	-148.85 0.0	0.0 2.8	-2481.91 -2481.91	-9083.72 -9158.14	2.33 2.33	7.480e+04 7.480e+04	694.50-8.880e+05 700.89-9.131e+05
					5.5	-2481.91	-9232.57	2.33	7.480e+04	707.29-9.384e+05
229	18-1.230e+06 -1.281e+06	1.223e+05 1.191e+05	-7.07e-03 -4.49e-03	-128.94 0.0	0.0 2.8	-5269.64 -5269.64	-9158.60 -9223.07	807.82 807.82	-3.991e+04 -3.991e+04	1.191e+05-1.230e+06 1.207e+05-1.255e+06
					5.5	-5269.64	-9227.54	807.82	-3.991e+04	1.223e+05-1.281e+06
229	19-2.405e+05 -2.724e+05	-1.177e+05 -1.208e+05	7.07e-03 4.39e-03	-128.94 0.0	0.0 2.8	959.29 959.29	-5729.15 -5793.62	-802.77 -802.77	1.168e+05 1.168e+05	-1.177e+05-2.405e+05 -1.193e+05-2.564e+05
					5.5	959.29	-5858.09	-802.77	1.168e+05	-1.208e+05-2.724e+05
229	26-9.091e+05 -9.538e+05	1.586e+05 1.457e+05	-1.84e-03 -0.02	-128.94 0.0	0.0 2.8	-8377.99 -8377.99	-8053.62 -8118.09	2468.83 2468.83	-2.398e+05 -2.398e+05	1.457e+05-9.091e+05 1.521e+05-9.313e+05
					5.5	-8377.99	-8182.56	2468.83	-2.398e+05	1.586e+05-9.538e+05
229	27-5.615e+05 -5.995e+05	-1.442e+05 -1.571e+05	1.84e-03 0.02	-128.94 0.0	0.0 2.8	4067.64 4067.64	-6834.12 -6898.59	-2463.78 -2463.78	3.167e+05 3.167e+05	-1.442e+05-5.615e+05 -1.506e+05-5.804e+05
					5.5	4067.64	-6963.06	-2463.78	3.167e+05	-1.571e+05-5.995e+05
229	34-9.345e+05 -9.797e+05	1.903e+05 1.817e+05	-1.96e-03 -0.02	-128.94 0.0	0.0 2.8	-8085.28 -8085.28	-8149.05 -8213.52	2002.51 2002.51	-2.674e+05 -2.674e+05	1.817e+05-9.345e+05 1.860e+05-9.570e+05
					5.5	-8085.28	-8277.99	2002.51	-2.674e+05	1.903e+05-9.797e+05
229	35-5.361e+05 -5.735e+05	-1.802e+05 -1.888e+05	1.97e-03 0.02	-128.94 0.0	0.0 2.8	3774.92 3774.92	-6738.69 -6803.16	-1997.47 -1997.47	3.443e+05 3.443e+05	-1.802e+05-5.361e+05 -1.845e+05-5.547e+05
					5.5	3774.92	-6867.63	-1997.47	3.443e+05	-1.888e+05-5.735e+05
229	50-1.020e+06 -1.067e+06	6.868e+04 6.702e+04	-4.03e-03 -2.36e-03	-128.94 0.0	0.0 2.8	-3868.36 -3868.36	-8431.31 -8495.78	437.19 437.19	-2745.92 -2745.92	6.702e+04-1.020e+06 6.785e+04-1.044e+06
					5.5	-3868.36	-8560.25	437.19	-2745.92	6.868e+04-1.067e+06
229	51-4.503e+05 -4.862e+05	-6.556e+04 -6.720e+04	4.04e-03 2.25e-03	-128.94 0.0	0.0 2.8	-441.99 -441.99	-6456.44 -6520.91	-432.15 -432.15	7.967e+04 7.967e+04	-6.556e+04-4.503e+05 -6.638e+04-4.682e+05
					5.5	-441.99	-6585.38	-432.15	7.967e+04	-6.720e+04-4.862e+05
229	58-8.351e+05 -8.783e+05	8.571e+04 7.891e+04	-1.06e-03 -8.92e-03	-128.94 0.0	0.0 2.8	-5457.29 -5457.29	-7793.10 -7857.57	1306.81 1306.81	-1.096e+05 -1.096e+05	7.891e+04-8.351e+05 8.231e+04-8.566e+05
					5.5	-5457.29	-7922.04	1306.81	-1.096e+05	8.571e+04-8.783e+05
229	59-6.356e+05 -6.750e+05	-7.746e+04 -8.423e+04	1.06e-03 8.81e-03	-128.94 0.0	0.0 2.8	1146.94 1146.94	-7094.64 -7159.11	-1301.77 -1301.77	1.865e+05 1.865e+05	-7.746e+04-6.356e+05 -8.084e+04-6.552e+05
					5.5	1146.94	-7223.58	-1301.77	1.865e+05	-8.423e+04-6.750e+05
229	66-8.487e+05 -8.922e+05	1.027e+05 9.830e+04	-1.11e-03 -8.49e-03	-128.94 0.0	0.0 2.8	-5302.81 -5302.81	-7844.83 -7909.30	1067.69 1067.69	-1.238e+05 -1.238e+05	9.830e+04-8.487e+05 1.005e+05-8.704e+05
					5.5	-5302.81	-7973.77	1067.69	-1.238e+05	1.027e+05-8.922e+05
229	67-6.219e+05 -6.610e+05	-9.684e+04 -1.012e+05	1.12e-03 8.39e-03	-128.94 0.0	0.0 2.8	992.46 992.46	-7042.91 -7107.38	-1062.64 -1062.64	2.007e+05 2.007e+05	-9.684e+04-6.219e+05 -9.902e+04-6.414e+05
					5.5	992.46	-7171.85	-1062.64	2.007e+05	-1.012e+05-6.610e+05
229	69-6.971e+05 -7.362e+05	751.05 736.90	3.22e-05 -5.11e-05	-123.96 0.0	0.0 2.8	-2073.49 -2073.49	-7033.91 -7095.89	2.57 2.57	2.938e+04 2.938e+04	736.90-6.971e+05 743.98-7.166e+05
					5.5	-2073.49	-7157.87	2.57	2.938e+04	751.05-7.362e+05
229	70-8.244e+05 -8.710e+05	721.88 708.63	3.85e-05 -5.49e-05	-140.55 0.0	0.0 2.8	-2345.77 -2345.77	-8400.45 -8470.73	2.41 2.41	5.966e+04 5.966e+04	708.63-8.244e+05 715.25-8.476e+05
					5.5	-2345.77	-8541.00	2.41	5.966e+04	721.88-8.710e+05
229	71-6.971e+05 -7.362e+05	751.05 736.90	3.22e-05 -5.11e-05	-123.96 0.0	0.0 2.8	-2073.49 -2073.49	-7033.91 -7095.89	2.57 2.57	2.938e+04 2.938e+04	736.90-6.971e+05 743.98-7.166e+05

						5.5	-2073.49	-7157.87	2.57	2.938e+04	751.05	-7.362e+05
229	72	-7.608e+05	736.47	3.54e-05	-132.26	0.0	-2209.63	-7717.18	2.49	4.452e+04	722.77	-7.608e+05
		-8.036e+05	722.77	-5.30e-05	0.0	2.8	-2209.63	-7783.31	2.49	4.452e+04	729.62	-7.821e+05
						5.5	-2209.63	-7849.44	2.49	4.452e+04	736.47	-8.036e+05
229	73	-6.971e+05	751.05	3.22e-05	-123.96	0.0	-2073.49	-7033.91	2.57	2.938e+04	736.90	-6.971e+05
		-7.362e+05	736.90	-5.11e-05	0.0	2.8	-2073.49	-7095.89	2.57	2.938e+04	743.98	-7.166e+05
						5.5	-2073.49	-7157.87	2.57	2.938e+04	751.05	-7.362e+05
229	74	-7.353e+05	742.30	3.41e-05	-128.94	0.0	-2155.18	-7443.87	2.52	3.846e+04	728.42	-7.353e+05
		-7.766e+05	728.42	-5.22e-05	0.0	2.8	-2155.18	-7508.34	2.52	3.846e+04	735.36	-7.559e+05
						5.5	-2155.18	-7572.81	2.52	3.846e+04	742.30	-7.766e+05
230	1	5.384e+04	1733.81	0.10	-2959.32	0.0	-2266.49	-5847.80	3.03	5.180e+04	1427.36	5.384e+04
		-6.862e+05	1427.36	-4.21e-04	0.0	50.5	-2266.49	-7327.46	3.03	5.180e+04	1580.58	-2.788e+05
						101.0	-2266.49	-8807.11	3.03	5.180e+04	1733.81	-6.862e+05
230	2	5.739e+04	1722.84	0.12	-3416.30	0.0	-2610.39	-7215.22	2.44	9.667e+04	1476.72	5.739e+04
		-8.439e+05	1476.72	-3.33e-04	0.0	50.5	-2610.39	-8923.37	2.44	9.667e+04	1599.78	-3.501e+05
						101.0	-2610.39	-1.063e+04	2.44	9.667e+04	1722.84	-8.439e+05
230	3	4.141e+04	1333.70	0.08	-2276.40	0.0	-1743.45	-4498.31	2.33	3.985e+04	1097.97	4.141e+04
		-5.279e+05	1097.97	-3.24e-04	0.0	50.5	-1743.45	-5636.50	2.33	3.985e+04	1215.83	-2.145e+05
						101.0	-1743.45	-6774.70	2.33	3.985e+04	1333.70	-5.279e+05
230	14	-3.355e+05	3.087e+04	0.04	-2367.79	0.0	-5039.43	-6530.11	460.10	-5.278e+04	-1280.02	-3.355e+05
		-1.114e+06	-1280.02	-0.18	0.0	50.5	-5039.43	-7714.01	460.10	-5.278e+04	1.480e+04	-6.950e+05
						101.0	-5039.43	-8897.91	460.10	-5.278e+04	3.087e+04	-1.114e+06
230	15	4.197e+05	3495.70	0.13	-2367.79	0.0	1414.96	-3013.47	-455.67	1.504e+05	3495.70	4.197e+05
		-4517.37	-2.821e+04	0.18	0.0	50.5	1414.96	-4197.37	-455.67	1.504e+05	-1.236e+04	2.375e+05
						101.0	1414.96	-5381.26	-455.67	1.504e+05	-2.821e+04	-4517.37
230	25	4.734e+04	-7.562e+05	0.06	-2367.79	0.0	2584.57	-4825.81	-3348.52	4.507e+05	-7.562e+05	4.734e+04
		-5.606e+05	-1.036e+06	0.07	0.0	50.5	2584.57	-6009.70	-3348.52	4.507e+05	-8.961e+05	-2.267e+05
						101.0	2584.57	-7193.60	-3348.52	4.507e+05	-1.036e+06	-5.606e+05
230	26	-1.701e+05	8.837e+05	0.08	-2367.79	0.0	-7259.40	-5694.58	3051.66	-3.426e+05	6.320e+05	-1.701e+05
		-8.639e+05	6.320e+05	-0.16	0.0	50.5	-7259.40	-6878.48	3051.66	-3.426e+05	7.578e+05	-4.871e+05
						101.0	-7259.40	-8062.37	3051.66	-3.426e+05	8.837e+05	-8.639e+05
230	27	2.543e+05	-6.298e+05	0.09	-2367.79	0.0	3634.93	-3849.00	-3047.23	4.402e+05	-6.298e+05	2.543e+05
		-2.550e+05	-8.810e+05	0.16	0.0	50.5	3634.93	-5032.90	-3047.23	4.402e+05	-7.554e+05	2.958e+04
						101.0	3634.93	-6216.80	-3047.23	4.402e+05	-8.810e+05	-2.550e+05
230	28	3.691e+04	1.039e+06	0.11	-2367.79	0.0	-6209.04	-4717.78	3352.95	-3.530e+05	7.584e+05	3.691e+04
		-5.582e+05	7.584e+05	-0.07	0.0	50.5	-6209.04	-5901.67	3352.95	-3.530e+05	8.985e+05	-2.308e+05
						101.0	-6209.04	-7085.57	3352.95	-3.530e+05	1.039e+06	-5.582e+05
230	46	-1.743e+05	3966.13	0.06	-2367.79	0.0	-3599.76	-5779.88	231.70	-4361.75	-1.031e+04	-1.743e+05
		-8.775e+05	-1.031e+04	-0.10	0.0	50.5	-3599.76	-6963.77	231.70	-4361.75	-3169.78	-4.960e+05
						101.0	-3599.76	-8147.67	231.70	-4361.75	3966.13	-8.775e+05
230	47	2.585e+05	1.252e+04	0.11	-2367.79	0.0	-24.71	-3763.70	-227.27	1.020e+05	1.252e+04	2.585e+05
		-2.413e+05	-1303.12	0.10	0.0	50.5	-24.71	-4947.60	-227.27	1.020e+05	5609.12	3.850e+04
						101.0	-24.71	-6131.50	-227.27	1.020e+05	-1303.12	-2.413e+05
230	57	4.061e+04	-4.024e+05	0.07	-2367.79	0.0	479.51	-4823.37	-1815.29	2.608e+05	-4.024e+05	4.061e+04
		-5.667e+05	-5.495e+05	0.04	0.0	50.5	479.51	-6007.27	-1815.29	2.608e+05	-4.760e+05	-2.332e+05
						101.0	479.51	-7191.16	-1815.29	2.608e+05	-5.495e+05	-5.667e+05
230	58	-7.575e+04	4.627e+05	0.08	-2367.79	0.0	-4709.49	-5283.64	1645.90	-1.574e+05	3.317e+05	-7.575e+04
		-7.284e+05	3.317e+05	-0.09	0.0	50.5	-4709.49	-6467.54	1645.90	-1.574e+05	3.972e+05	-3.722e+05
						101.0	-4709.49	-7651.43	1645.90	-1.574e+05	4.627e+05	-7.284e+05
230	59	1.600e+05	-3.295e+05	0.09	-2367.79	0.0	1085.02	-4259.94	-1641.47	2.551e+05	-3.295e+05	1.600e+05
		-3.904e+05	-4.600e+05	0.09	0.0	50.5	1085.02	-5443.84	-1641.47	2.551e+05	-3.948e+05	-8.532e+04
						101.0	1085.02	-6627.74	-1641.47	2.551e+05	-4.600e+05	-3.904e+05
230	60	4.364e+04	5.522e+05	0.10	-2367.79	0.0	-4103.98	-4720.21	1819.72	-1.631e+05	4.047e+05	4.364e+04
		-5.521e+05	4.047e+05	-0.04	0.0	50.5	-4103.98	-5904.11	1819.72	-1.631e+05	4.784e+05	-2.243e+05
						101.0	-4103.98	-7088.00	1819.72	-1.631e+05	5.522e+05	-5.521e+05
230	69	4.141e+04	1333.70	0.08	-2276.40	0.0	-1743.45	-4498.31	2.33	3.985e+04	1097.97	4.141e+04
		-5.279e+05	1097.97	-3.24e-04	0.0	50.5	-1743.45	-5636.50	2.33	3.985e+04	1215.83	-2.145e+05
						101.0	-1743.45	-6774.70	2.33	3.985e+04	1333.70	-5.279e+05
230	70	4.378e+04	1326.39	0.09	-2581.05	0.0	-1972.72	-5409.92	1.94	6.976e+04	1130.88	4.378e+04
		-6.330e+05	1130.88	-2.65e-04	0.0	50.5	-1972.72	-6700.45	1.94	6.976e+04	1228.63	-2.620e+05
						101.0	-1972.72	-7990.97	1.94	6.976e+04	1326.39	-6.330e+05
230	71	4.141e+04	1333.70	0.08	-2276.40	0.0	-1743.45	-4498.31	2.33	3.985e+04	1097.97	4.141e+04
		-5.279e+05	1097.97	-3.24e-04	0.0	50.5	-1743.45	-5636.50	2.33	3.985e+04	1215.83	-2.145e+05
						101.0	-1743.45	-6774.70	2.33	3.985e+04	1333.70	-5.279e+05
230	72	4.260e+04	1330.04	0.08	-2428.72	0.0	-1858.09	-4954.11	2.13	5.481e+04	1114.42	4.260e+04
		-5.804e+05	1114.42	-2.94e-04	0.0	50.5	-1858.09	-6168.48	2.13	5.481e+04	1222.23	-2.383e+05
						101.0	-1858.09	-7382.84	2.13	5.481e+04	1330.04	-5.804e+05
230	73	4.141e+04	1333.70	0.08	-2276.40	0.0	-1743.45	-4498.31	2.33	3.985e+04	1097.97	4.141e+04
		-5.279e+05	1097.97	-3.24e-04	0.0	50.5	-1743.45	-5636.50	2.33	3.985e+04	1215.83	-2.145e+05
						101.0	-1743.45	-6774.70	2.33	3.985e+04	1333.70	-5.279e+05
230	74	4.212e+04	1331.51	0.08	-2367.79	0.0	-1812.24	-4771.79	2.21	4.882e+04	1107.84	4.212e+04
		-5.594e+05	1107.84	-3.06e-04	0.0	50.5	-1812.24	-5955.69	2.21	4.882e+04	1219.67	-2.287e+05
						101.0	-1812.24	-7139.58	2.21	4.882e+04	1331.51	-5.594e+05
231	1	9.737e+04	3172.21	-0.02	-812.85	0.0	-344.51	2177.47	-10.83	8.297e+04	3172.21	-8.242e+04
		-8.242e+04	2073.02	-3.97e-04	0.0	50.8	-344.51	1771.05	-10.83	8.297e+04	2622.61	1.779e+04
						101.5	-344.51	1364.62	-10.83	8.297e+04	2073.02	9.737e+04
231	2	1.195e+05	3808.65	-0.02	-867.71	0.0	-326.51	2668.86	-13.05	1.113e+05	3808.65	-1.074e+05

		-1.074e+05	2483.77	-3.22e-04	0.0	50.8	-326.51	2235.00	-13.05	1.113e+05	3146.21	1.709e+04
						101.5	-326.51	1801.15	-13.05	1.113e+05	2483.77	1.195e+05
231	3	7.490e+04	2440.16	-0.01	-625.27	0.0	-265.00	1674.98	-8.33	6.382e+04	2440.16	-6.340e+04
		-6.340e+04	1594.63	-3.05e-04	0.0	50.8	-265.00	1362.34	-8.33	6.382e+04	2017.40	1.369e+04
						101.5	-265.00	1049.71	-8.33	6.382e+04	1594.63	7.490e+04
231	4	9.706e+04	3076.60	-0.02	-680.13	0.0	-247.01	2166.37	-10.55	9.218e+04	3076.60	-8.834e+04
		-8.834e+04	2005.38	-2.30e-04	0.0	50.8	-247.01	1826.30	-10.55	9.218e+04	2540.99	1.299e+04
						101.5	-247.01	1486.23	-10.55	9.218e+04	2005.38	9.706e+04
231	21	7.088e+05	-6.847e+05	-0.04	-636.24	0.0	1097.44	-1691.24	3931.28	2.325e+04	-1.082e+06	7.088e+05
		5.050e+05	-1.082e+06	-0.03	0.0	50.8	1097.44	-2009.36	3931.28	2.325e+04	-8.835e+05	6.150e+05
						101.5	1097.44	-2327.48	3931.28	2.325e+04	-6.847e+05	5.050e+05
231	24	-3.463e+05	1.087e+06	0.01	-636.24	0.0	-1620.26	5237.75	-3948.83	1.157e+05	1.087e+06	-8.456e+05
		-8.456e+05	6.881e+05	0.03	0.0	50.8	-1620.26	4919.63	-3948.83	1.157e+05	8.877e+05	-5.879e+05
						101.5	-1620.26	4601.51	-3948.83	1.157e+05	6.881e+05	-3.463e+05
231	25	6.951e+05	-6.929e+05	-0.04	-636.24	0.0	1049.97	-1622.01	4016.29	1.576e+04	-1.098e+06	6.951e+05
		4.983e+05	-1.098e+06	-0.04	0.0	50.8	1049.97	-1940.13	4016.29	1.576e+04	-8.955e+05	6.048e+05
						101.5	1049.97	-2258.25	4016.29	1.576e+04	-6.929e+05	4.983e+05
231	28	-3.396e+05	1.103e+06	0.01	-636.24	0.0	-1572.78	5168.52	-4033.83	1.232e+05	1.103e+06	-8.319e+05
		-8.319e+05	6.962e+05	0.04	0.0	50.8	-1572.78	4850.40	-4033.83	1.232e+05	8.997e+05	-5.777e+05
						101.5	-1572.78	4532.28	-4033.83	1.232e+05	6.962e+05	-3.396e+05
231	53	3.512e+05	-3.635e+05	-0.03	-636.24	0.0	498.32	-98.49	2078.65	4.452e+04	-5.735e+05	3.512e+05
		3.090e+05	-5.735e+05	-0.02	0.0	50.8	498.32	-416.61	2078.65	4.452e+04	-4.685e+05	3.382e+05
						101.5	498.32	-734.73	2078.65	4.452e+04	-3.635e+05	3.090e+05
231	56	-1.503e+05	5.787e+05	3.64e-03	-636.24	0.0	-1021.13	3645.00	-2096.20	9.447e+04	5.787e+05	-4.880e+05
		-4.880e+05	3.668e+05	0.02	0.0	50.8	-1021.13	3326.88	-2096.20	9.447e+04	4.727e+05	-3.111e+05
						101.5	-1021.13	3008.75	-2096.20	9.447e+04	3.668e+05	-1.503e+05
231	57	3.433e+05	-3.683e+05	-0.03	-636.24	0.0	471.71	-58.66	2128.24	4.019e+04	-5.829e+05	3.433e+05
		3.051e+05	-5.829e+05	-0.02	0.0	50.8	471.71	-376.78	2128.24	4.019e+04	-4.756e+05	3.323e+05
						101.5	471.71	-694.90	2128.24	4.019e+04	-3.683e+05	3.051e+05
231	60	-1.465e+05	5.880e+05	3.48e-03	-636.24	0.0	-994.52	3605.17	-2145.79	9.880e+04	5.880e+05	-4.801e+05
		-4.801e+05	3.716e+05	0.02	0.0	50.8	-994.52	3287.05	-2145.79	9.880e+04	4.798e+05	-3.052e+05
						101.5	-994.52	2968.93	-2145.79	9.880e+04	3.716e+05	-1.465e+05
231	69	7.490e+04	2440.16	-0.01	-625.27	0.0	-265.00	1674.98	-8.33	6.382e+04	2440.16	-6.340e+04
		-6.340e+04	1594.63	-3.05e-04	0.0	50.8	-265.00	1362.34	-8.33	6.382e+04	2017.40	1.369e+04
						101.5	-265.00	1049.71	-8.33	6.382e+04	1594.63	7.490e+04
231	70	8.967e+04	2864.45	-0.02	-661.85	0.0	-253.01	2002.57	-9.81	8.273e+04	2864.45	-8.003e+04
		-8.003e+04	1868.46	-2.55e-04	0.0	50.8	-253.01	1671.65	-9.81	8.273e+04	2366.46	1.322e+04
						101.5	-253.01	1340.72	-9.81	8.273e+04	1868.46	8.967e+04
231	71	7.490e+04	2440.16	-0.01	-625.27	0.0	-265.00	1674.98	-8.33	6.382e+04	2440.16	-6.340e+04
		-6.340e+04	1594.63	-3.05e-04	0.0	50.8	-265.00	1362.34	-8.33	6.382e+04	2017.40	1.369e+04
						101.5	-265.00	1049.71	-8.33	6.382e+04	1594.63	7.490e+04
231	72	8.229e+04	2652.31	-0.02	-643.56	0.0	-259.01	1838.77	-9.07	7.328e+04	2652.31	-7.171e+04
		-7.171e+04	1731.55	-2.80e-04	0.0	50.8	-259.01	1517.00	-9.07	7.328e+04	2191.93	1.345e+04
						101.5	-259.01	1195.22	-9.07	7.328e+04	1731.55	8.229e+04
231	73	7.490e+04	2440.16	-0.01	-625.27	0.0	-265.00	1674.98	-8.33	6.382e+04	2440.16	-6.340e+04
		-6.340e+04	1594.63	-3.05e-04	0.0	50.8	-265.00	1362.34	-8.33	6.382e+04	2017.40	1.369e+04
						101.5	-265.00	1049.71	-8.33	6.382e+04	1594.63	7.490e+04
231	74	7.933e+04	2567.45	-0.02	-636.24	0.0	-261.41	1773.26	-8.77	6.949e+04	2567.45	-6.839e+04
		-6.839e+04	1676.78	-2.90e-04	0.0	50.8	-261.41	1455.13	-8.77	6.949e+04	2122.12	1.355e+04
						101.5	-261.41	1137.01	-8.77	6.949e+04	1676.78	7.933e+04
232	1	3.192e+04	-2312.91	5.00e-04	-812.85	0.0	-515.63	1242.70	32.30	4837.71	-5591.93	-5.297e+04
		-5.297e+04	-5591.93	-1.58e-03	0.0	50.8	-515.63	836.28	32.30	4837.71	-3952.42	-212.69
						101.5	-515.63	429.85	32.30	4837.71	-2312.91	3.192e+04
232	2	4.015e+04	-2777.05	1.64e-04	-867.71	0.0	-476.04	1541.14	40.14	1.836e+04	-6851.41	-7.225e+04
		-7.225e+04	-6851.41	-1.82e-03	0.0	50.8	-476.04	1107.29	40.14	1.836e+04	-4814.23	-5039.73
						101.5	-476.04	673.43	40.14	1.836e+04	-2777.05	4.015e+04
232	3	2.455e+04	-1779.16	3.85e-04	-625.27	0.0	-396.64	955.93	24.85	3721.32	-4301.49	-4.075e+04
		-4.075e+04	-4301.49	-1.21e-03	0.0	50.8	-396.64	643.29	24.85	3721.32	-3040.32	-163.61
						101.5	-396.64	330.66	24.85	3721.32	-1779.16	2.455e+04
232	4	3.279e+04	-2243.30	1.20e-04	-680.13	0.0	-357.05	1254.36	32.68	1.725e+04	-5560.96	-6.003e+04
		-6.003e+04	-5560.96	-1.46e-03	0.0	50.8	-357.05	914.30	32.68	1.725e+04	-3902.13	-4990.65
						101.5	-357.05	574.23	32.68	1.725e+04	-2243.30	3.279e+04
232	5	4.692e+05	-4.995e+05	-4.20e-03	-636.24	0.0	1068.28	-2147.15	7752.21	-1.079e+05	-1.284e+06	4.692e+05
		2.190e+05	-1.284e+06	-0.19	0.0	50.8	1068.28	-2465.28	7752.21	-1.079e+05	-8.918e+05	3.522e+05
						101.5	1068.28	-2783.40	7752.21	-1.079e+05	-4.995e+05	2.190e+05
232	8	-1.666e+05	1.275e+06	4.49e-03	-636.24	0.0	-1845.72	4178.38	-7699.38	1.208e+05	1.275e+06	-5.584e+05
		-5.584e+05	4.958e+05	0.18	0.0	50.8	-1845.72	3860.26	-7699.38	1.208e+05	8.854e+05	-3.544e+05
						101.5	-1845.72	3542.14	-7699.38	1.208e+05	4.958e+05	-1.666e+05
232	13	3.685e+05	-5.429e+05	-5.11e-03	-636.24	0.0	1827.35	-1492.72	6990.74	-8.816e+04	-1.251e+06	3.685e+05
		1.851e+05	-1.251e+06	-0.13	0.0	50.8	1827.35	-1810.84	6990.74	-8.816e+04	-8.969e+05	2.849e+05
						101.5	1827.35	-2128.97	6990.74	-8.816e+04	-5.429e+05	1.851e+05
232	16	-1.327e+05	1.242e+06	5.40e-03	-636.24	0.0	-2604.79	3523.95	-6937.91	1.010e+05	1.242e+06	-4.577e+05
		-4.577e+05	5.392e+05	0.13	0.0	50.8	-2604.79	3205.83	-6937.91	1.010e+05	8.904e+05	-2.871e+05
						101.5	-2604.79	2887.71	-6937.91	1.010e+05	5.392e+05	-1.327e+05
232	21	1.037e+06	-3.283e+05	-0.02	-636.24	0.0	1182.84	-5690.34	5071.48	1.778e+04	-8.421e+05	1.037e+06
		4.271e+05	-8.421e+05	0.04	0.0	50.8	1182.84	-6008.46	5071.48	1.778e+04	-5.852e+05	7.401e+05
						101.5	1182.84	-6326.58	5071.48	1.778e+04	-3.283e+05	4.271e+05

232	24	-3.747e+05	8.330e+05	0.02	-636.24	0.0	-1960.28	7721.57	-5018.66	-4927.89	8.330e+05	-1.126e+06
		-1.126e+06	3.246e+05	-0.04	0.0	50.8	-1960.28	7403.44	-5018.66	-4927.89	5.788e+05	-7.424e+05
						101.5	-1960.28	7085.32	-5018.66	-4927.89	3.246e+05	-3.747e+05
232	37	2.400e+05	-2.866e+05	-2.18e-03	-636.24	0.0	449.45	-734.95	4447.19	-6.002e+04	-7.368e+05	2.400e+05
		1.332e+05	-7.368e+05	-0.11	0.0	50.8	449.45	-1053.07	4447.19	-6.002e+04	-5.117e+05	1.947e+05
						101.5	449.45	-1371.19	4447.19	-6.002e+04	-2.866e+05	1.332e+05
232	40	-8.081e+04	7.276e+05	2.47e-03	-636.24	0.0	-1226.89	2766.18	-4394.37	7.287e+04	7.276e+05	-3.293e+05
		-3.293e+05	2.829e+05	0.11	0.0	50.8	-1226.89	2448.06	-4394.37	7.287e+04	5.053e+05	-1.970e+05
						101.5	-1226.89	2129.94	-4394.37	7.287e+04	2.829e+05	-8.081e+04
232	45	1.814e+05	-3.112e+05	-2.65e-03	-636.24	0.0	885.01	-354.14	4000.73	-4.882e+04	-7.163e+05	1.814e+05
		1.134e+05	-7.163e+05	-0.08	0.0	50.8	885.01	-672.26	4000.73	-4.882e+04	-5.137e+05	1.555e+05
						101.5	885.01	-990.38	4000.73	-4.882e+04	-3.112e+05	1.134e+05
232	48	-6.100e+04	7.072e+05	2.94e-03	-636.24	0.0	-1662.45	2385.37	-3947.91	6.167e+04	7.072e+05	-2.706e+05
		-2.706e+05	3.074e+05	0.07	0.0	50.8	-1662.45	2067.24	-3947.91	6.167e+04	5.073e+05	-1.577e+05
						101.5	-1662.45	1749.12	-3947.91	6.167e+04	3.074e+05	-6.100e+04
232	53	5.396e+05	-1.810e+05	-0.01	-636.24	0.0	502.40	-2604.70	2793.40	1.066e+04	-4.639e+05	5.396e+05
		2.429e+05	-4.639e+05	0.02	0.0	50.8	502.40	-2922.82	2793.40	1.066e+04	-3.225e+05	3.993e+05
						101.5	502.40	-3240.94	2793.40	1.066e+04	-1.810e+05	2.429e+05
232	56	-1.905e+05	4.548e+05	0.01	-636.24	0.0	-1279.83	4635.93	-2740.58	2191.46	4.548e+05	-6.288e+05
		-6.288e+05	1.772e+05	-0.02	0.0	50.8	-1279.83	4317.80	-2740.58	2191.46	3.160e+05	-4.016e+05
						101.5	-1279.83	3999.68	-2740.58	2191.46	1.772e+05	-1.905e+05
232	69	2.455e+04	-1779.16	3.85e-04	-625.27	0.0	-396.64	955.93	24.85	3721.32	-4301.49	-4.075e+04
		-4.075e+04	-4301.49	-1.21e-03	0.0	50.8	-396.64	643.29	24.85	3721.32	-3048.59	-163.61
						101.5	-396.64	330.66	24.85	3721.32	-1779.16	2.455e+04
232	70	3.004e+04	-2088.59	1.28e-04	-661.85	0.0	-370.24	1154.89	30.07	1.274e+04	-5141.14	-5.360e+04
		-5.360e+04	-5141.14	-1.38e-03	0.0	50.8	-370.24	823.96	30.07	1.274e+04	-3614.86	-3381.64
						101.5	-370.24	493.04	30.07	1.274e+04	-2088.59	3.004e+04
232	71	2.455e+04	-1779.16	3.85e-04	-625.27	0.0	-396.64	955.93	24.85	3721.32	-4301.49	-4.075e+04
		-4.075e+04	-4301.49	-1.21e-03	0.0	50.8	-396.64	643.29	24.85	3721.32	-3040.32	-163.61
						101.5	-396.64	330.66	24.85	3721.32	-1779.16	2.455e+04
232	72	2.730e+04	-1933.87	2.49e-04	-643.56	0.0	-383.44	1055.41	27.46	8229.33	-4721.31	-4.718e+04
		-4.718e+04	-4721.31	-1.30e-03	0.0	50.8	-383.44	733.63	27.46	8229.33	-3327.59	-1772.62
						101.5	-383.44	411.85	27.46	8229.33	-1933.87	2.730e+04
232	73	2.455e+04	-1779.16	3.85e-04	-625.27	0.0	-396.64	955.93	24.85	3721.32	-4301.49	-4.075e+04
		-4.075e+04	-4301.49	-1.21e-03	0.0	50.8	-396.64	643.29	24.85	3721.32	-3040.32	-163.61
						101.5	-396.64	330.66	24.85	3721.32	-1779.16	2.455e+04
232	74	2.620e+04	-1871.99	3.03e-04	-636.24	0.0	-388.72	1015.61	26.41	6426.13	-4553.38	-4.461e+04
		-4.461e+04	-4553.38	-1.26e-03	0.0	50.8	-388.72	697.49	26.41	6426.13	-3212.69	-1129.02
						101.5	-388.72	379.37	26.41	6426.13	-1871.99	2.620e+04
233	1	8.587e+04	4633.40	-0.01	-812.85	0.0	-590.20	1502.80	-35.20	2.374e+04	4633.40	-2.543e+04
		-2.543e+04	1059.92	1.06e-03	0.0	50.8	-590.20	1096.38	-35.20	2.374e+04	2846.66	4.053e+04
						101.5	-590.20	689.95	-35.20	2.374e+04	1059.92	8.587e+04
233	2	1.114e+05	5076.75	-0.02	-867.71	0.0	-568.52	1809.53	-38.67	3.821e+04	5076.75	-2.827e+04
		-2.827e+04	1151.56	1.18e-03	0.0	50.8	-568.52	1375.67	-38.67	3.821e+04	3114.16	5.257e+04
						101.5	-568.52	941.82	-38.67	3.821e+04	1151.56	1.114e+05
233	3	6.605e+04	3564.15	-0.01	-625.27	0.0	-454.00	1156.00	-27.08	1.826e+04	3564.15	-1.956e+04
		-1.956e+04	815.33	8.16e-04	0.0	50.8	-454.00	843.37	-27.08	1.826e+04	2189.74	3.118e+04
						101.5	-454.00	530.73	-27.08	1.826e+04	815.33	6.605e+04
233	4	9.157e+04	4007.51	-0.01	-680.13	0.0	-432.32	1462.73	-30.54	3.273e+04	4007.51	-2.240e+04
		-2.240e+04	906.96	9.36e-04	0.0	50.8	-432.32	1122.66	-30.54	3.273e+04	2457.23	4.322e+04
						101.5	-432.32	782.60	-30.54	3.273e+04	906.96	9.157e+04
233	9	2.683e+05	-3.229e+05	-5.29e-03	-636.24	0.0	2648.28	-683.27	4192.55	-5.031e+04	-7.170e+05	2.683e+05
		1.681e+05	-7.170e+05	-0.11	0.0	50.8	2648.28	-1001.39	4192.55	-5.031e+04	-5.199e+05	2.263e+05
						101.5	2648.28	-1319.51	4192.55	-5.031e+04	-3.229e+05	1.681e+05
233	12	-2.578e+04	7.243e+05	-0.02	-636.24	0.0	-3547.61	3117.97	-4248.10	9.261e+04	7.243e+05	-3.086e+05
		-3.086e+05	3.245e+05	0.12	0.0	50.8	-3547.61	2799.85	-4248.10	9.261e+04	5.244e+05	-1.591e+05
						101.5	-3547.61	2481.72	-4248.10	9.261e+04	3.245e+05	-2.578e+04
233	21	7.185e+05	-2.690e+05	9.35e-03	-636.24	0.0	1034.39	-3736.93	5744.88	1.299e+04	-8.427e+05	7.185e+05
		3.074e+05	-8.427e+05	-0.08	0.0	50.8	1034.39	-4055.05	5744.88	1.299e+04	-5.559e+05	5.210e+05
						101.5	1034.39	-4373.17	5744.88	1.299e+04	-2.690e+05	3.074e+05
233	24	-1.650e+05	8.500e+05	-0.03	-636.24	0.0	-1933.72	6171.62	-5800.42	2.931e+04	8.500e+05	-7.588e+05
		-7.588e+05	2.707e+05	0.09	0.0	50.8	-1933.72	5853.50	-5800.42	2.931e+04	5.603e+05	-4.538e+05
						101.5	-1933.72	5535.38	-5800.42	2.931e+04	2.707e+05	-1.650e+05
233	37	1.641e+05	-1.877e+05	-6.18e-03	-636.24	0.0	1337.76	0.66	2453.73	-1.861e+04	-4.190e+05	1.641e+05
		1.327e+05	-4.190e+05	-0.07	0.0	50.8	1337.76	-317.46	2453.73	-1.861e+04	-3.034e+05	1.565e+05
						101.5	1337.76	-635.58	2453.73	-1.861e+04	-1.877e+05	1.327e+05
233	40	9637.97	4.263e+05	-0.02	-636.24	0.0	-2237.09	2434.03	-2509.27	6.092e+04	4.263e+05	-2.044e+05
		-2.044e+05	1.894e+05	0.07	0.0	50.8	-2237.09	2115.91	-2509.27	6.092e+04	3.078e+05	-8.930e+04
						101.5	-2237.09	1797.79	-2509.27	6.092e+04	1.894e+05	9637.97
233	53	3.776e+05	-1.459e+05	-4.37e-03	-636.24	0.0	406.33	-1450.71	3069.85	1.640e+04	-4.521e+05	3.776e+05
		1.983e+05	-4.521e+05	-0.05	0.0	50.8	406.33	-1768.83	3069.85	1.640e+04	-2.990e+05	2.961e+05
						101.5	406.33	-2086.95	3069.85	1.640e+04	-1.459e+05	1.983e+05
233	56	-5.601e+04	4.594e+05	-0.02	-636.24	0.0	-1305.66	3885.40	-3125.39	2.591e+04	4.594e+05	-4.179e+05
		-4.179e+05	1.476e+05	0.05	0.0	50.8	-1305.66	3567.28	-3125.39	2.591e+04	3.035e+05	-2.289e+05
						101.5	-1305.66	3249.16	-3125.39	2.591e+04	1.476e+05	-5.601e+04
233	69	6.605e+04	3564.15	-0.01	-625.27	0.0	-454.00	1156.00	-27.08	1.826e+04	3564.15	-1.956e+04
		-1.956e+04	815.33	8.16e-04	0.0	50.8	-454.00	843.37	-27.08	1.826e+04	2189.74	3.118e+04

						101.5	-454.00	530.73	-27.08	1.826e+04	815.33	6.605e+04
233	70	8.306e+04	3859.72	-0.01	-661.85	0.0	-439.55	1360.49	-29.39	2.791e+04	3859.72	-2.145e+04
		-2.145e+04	876.42	8.96e-04	0.0	50.8	-439.55	1029.56	-29.39	2.791e+04	2368.07	3.920e+04
						101.5	-439.55	698.64	-29.39	2.791e+04	876.42	8.306e+04
233	71	6.605e+04	3564.15	-0.01	-625.27	0.0	-454.00	1156.00	-27.08	1.826e+04	3564.15	-1.956e+04
		-1.956e+04	815.33	8.16e-04	0.0	50.8	-454.00	843.37	-27.08	1.826e+04	2189.74	3.118e+04
						101.5	-454.00	530.73	-27.08	1.826e+04	815.33	6.605e+04
233	72	7.456e+04	3711.94	-0.01	-643.56	0.0	-446.77	1258.24	-28.23	2.308e+04	3711.94	-2.051e+04
		-2.051e+04	845.87	8.56e-04	0.0	50.8	-446.77	936.47	-28.23	2.308e+04	2278.90	3.519e+04
						101.5	-446.77	614.69	-28.23	2.308e+04	845.87	7.456e+04
233	73	6.605e+04	3564.15	-0.01	-625.27	0.0	-454.00	1156.00	-27.08	1.826e+04	3564.15	-1.956e+04
		-1.956e+04	815.33	8.16e-04	0.0	50.8	-454.00	843.37	-27.08	1.826e+04	2189.74	3.118e+04
						101.5	-454.00	530.73	-27.08	1.826e+04	815.33	6.605e+04
233	74	7.116e+04	3652.82	-0.01	-636.24	0.0	-449.67	1217.35	-27.77	2.115e+04	3652.82	-2.013e+04
		-2.013e+04	833.65	8.40e-04	0.0	50.8	-449.67	899.23	-27.77	2.115e+04	2243.24	3.359e+04
						101.5	-449.67	581.11	-27.77	2.115e+04	833.65	7.116e+04
234	1	1.173e+05	1329.76	-0.02	-812.85	0.0	-371.68	1467.56	-10.13	-4.373e+04	1329.76	9605.73
		9605.73	301.89	2.54e-04	0.0	50.8	-371.68	1061.14	-10.13	-4.373e+04	815.82	7.378e+04
						101.5	-371.68	654.71	-10.13	-4.373e+04	301.89	1.173e+05
234	2	1.443e+05	1461.54	-0.03	-867.71	0.0	-337.06	1796.59	-11.25	-3.363e+04	1461.54	5943.80
		5943.80	319.88	3.17e-04	0.0	50.8	-337.06	1362.73	-11.25	-3.363e+04	890.71	8.612e+04
						101.5	-337.06	928.87	-11.25	-3.363e+04	319.88	1.443e+05
234	3	9.025e+04	1022.89	-0.02	-625.27	0.0	-285.91	1128.89	-7.79	-3.364e+04	1022.89	7389.02
		7389.02	232.22	1.95e-04	0.0	50.8	-285.91	816.26	-7.79	-3.364e+04	627.56	5.675e+04
						101.5	-285.91	503.62	-7.79	-3.364e+04	232.22	9.025e+04
234	4	1.172e+05	1154.67	-0.02	-680.13	0.0	-251.29	1457.92	-8.91	-2.354e+04	1154.67	3727.09
		3727.09	250.22	2.59e-04	0.0	50.8	-251.29	1117.85	-8.91	-2.354e+04	702.45	6.910e+04
						101.5	-251.29	777.79	-8.91	-2.354e+04	250.22	1.172e+05
234	5	3.259e+05	3.681e+05	-0.03	-636.24	0.0	1242.35	708.66	-3755.16	1.206e+05	3.681e+05	3.259e+05
		2.270e+05	-7.220e+04	0.26	0.0	50.8	1242.35	390.54	-3755.16	1.206e+05	1.479e+05	2.845e+05
						101.5	1242.35	72.42	-3755.16	1.206e+05	-7.220e+04	2.270e+05
234	6	6.753e+04	5.972e+05	-0.02	-636.24	0.0	663.95	3057.06	-5555.88	1.159e+05	5.972e+05	-7.156e+04
		-7.156e+04	-2.118e+04	0.33	0.0	50.8	663.95	2738.94	-5555.88	1.159e+05	2.880e+05	6055.40
						101.5	663.95	2420.82	-5555.88	1.159e+05	-2.118e+04	6.753e+04
234	7	1.238e+05	2.165e+04	-0.02	-636.24	0.0	-1221.92	-667.66	5539.85	-1.791e+05	-5.951e+05	8.488e+04
		8.488e+04	-5.951e+05	-0.33	0.0	50.8	-1221.92	-985.78	5539.85	-1.791e+05	-2.867e+05	1.124e+05
						101.5	-1221.92	-1303.90	5539.85	-1.791e+05	2.165e+04	1.238e+05
234	8	-3.574e+04	7.267e+04	-7.69e-03	-636.24	0.0	-1800.32	1680.74	3739.14	-1.838e+05	-3.660e+05	-3.125e+05
		-3.125e+05	-3.660e+05	-0.26	0.0	50.8	-1800.32	1362.62	3739.14	-1.838e+05	-1.466e+05	-1.661e+05
						101.5	-1800.32	1044.50	3739.14	-1.838e+05	-2.67e+04	-3.574e+04
234	21	7.052e+05	-9.888e+04	-0.03	-636.24	0.0	1054.66	-2512.85	1598.92	2.125e+04	-2.364e+05	7.052e+05
		3.770e+05	-2.364e+05	-0.02	0.0	50.8	1054.66	-2830.98	1598.92	2.125e+04	-1.676e+05	5.491e+05
						101.5	1054.66	-3149.10	1598.92	2.125e+04	-9.888e+04	3.770e+05
234	24	-1.857e+05	2.385e+05	5.10e-03	-636.24	0.0	-1612.63	4902.25	-1614.95	-8.448e+04	2.385e+05	-6.919e+05
		-6.919e+05	9.935e+04	0.02	0.0	50.8	-1612.63	4584.13	-1614.95	-8.448e+04	1.689e+05	-4.307e+05
						101.5	-1612.63	4266.01	-1614.95	-8.448e+04	9.935e+04	-1.857e+05
234	37	1.844e+05	2.164e+05	-0.03	-636.24	0.0	600.68	940.59	-2197.82	5.600e+04	2.164e+05	1.817e+05
		1.682e+05	-4.050e+04	0.15	0.0	50.8	600.68	622.47	-2197.82	5.600e+04	8.795e+04	1.830e+05
						101.5	600.68	304.35	-2197.82	5.600e+04	-4.050e+04	1.682e+05
234	38	8.120e+04	3.373e+05	-0.02	-636.24	0.0	272.93	2210.86	-3147.50	5.343e+04	3.373e+05	-3.403e+04
		-3.403e+04	-1.307e+04	0.19	0.0	50.8	272.93	1892.74	-3147.50	5.343e+04	1.621e+05	3.166e+04
						101.5	272.93	1574.62	-3147.50	5.343e+04	-1.307e+04	8.120e+04
234	39	1.101e+05	1.354e+04	-0.02	-636.24	0.0	-830.89	178.54	3131.47	-1.167e+05	-3.352e+05	4.734e+04
		4.734e+04	-3.352e+05	-0.19	0.0	50.8	-830.89	-139.58	3131.47	-1.167e+05	-1.608e+05	8.678e+04
						101.5	-830.89	-457.71	3131.47	-1.167e+05	1.354e+04	1.101e+05
234	40	2.308e+04	4.097e+04	-0.01	-636.24	0.0	-1158.64	1448.80	2181.79	-1.192e+05	-2.143e+05	-1.683e+05
		-1.683e+05	-2.143e+05	-0.15	0.0	50.8	-1158.64	1130.68	2181.79	-1.192e+05	-8.667e+04	-6.456e+04
						101.5	-1158.64	812.56	2181.79	-1.192e+05	4.097e+04	2.308e+04
234	53	3.863e+05	-5.360e+04	-0.03	-636.24	0.0	482.00	-808.10	775.39	-1438.01	-1.177e+05	3.863e+05
		2.494e+05	-1.177e+05	-9.33e-03	0.0	50.8	482.00	-1126.23	775.39	-1438.01	-8.567e+04	2.359e+05
						101.5	482.00	-1444.35	775.39	-1438.01	-5.360e+04	2.494e+05
234	56	-5.809e+04	1.198e+05	-0.01	-636.24	0.0	-1039.97	3197.50	-791.42	-6.180e+04	1.198e+05	-3.730e+05
		-3.730e+05	5.407e+04	9.75e-03	0.0	50.8	-1039.97	2879.38	-791.42	-6.180e+04	8.696e+04	-2.075e+05
						101.5	-1039.97	2561.26	-791.42	-6.180e+04	5.407e+04	-5.809e+04
234	69	9.025e+04	1022.89	-0.02	-625.27	0.0	-285.91	1128.89	-7.79	-3.364e+04	1022.89	7389.02
		7389.02	232.22	1.95e-04	0.0	50.8	-285.91	816.26	-7.79	-3.364e+04	627.56	5.675e+04
						101.5	-285.91	503.62	-7.79	-3.364e+04	232.22	9.025e+04
234	70	1.082e+05	1110.75	-0.02	-661.85	0.0	-262.83	1348.24	-8.54	-2.690e+04	1110.75	4947.74
		4947.74	244.22	2.38e-04	0.0	50.8	-262.83	1017.32	-8.54	-2.690e+04	677.48	6.498e+04
						101.5	-262.83	686.40	-8.54	-2.690e+04	244.22	1.082e+05
234	71	9.025e+04	1022.89	-0.02	-625.27	0.0	-285.91	1128.89	-7.79	-3.364e+04	1022.89	7389.02
		7389.02	232.22	1.95e-04	0.0	50.8	-285.91	816.26	-7.79	-3.364e+04	627.56	5.675e+04
						101.5	-285.91	503.62	-7.79	-3.364e+04	232.22	9.025e+04
234	72	9.924e+04	1066.82	-0.02	-643.56	0.0	-274.37	1238.57	-8.16	-3.027e+04	1066.82	6168.38
		6168.38	238.22	2.16e-04	0.0	50.8	-274.37	916.79	-8.16	-3.027e+04	652.52	6.087e+04
						101.5	-274.37	595.01	-8.16	-3.027e+04	238.22	9.924e+04
234	73	9.025e+04	1022.89	-0.02	-625.27	0.0	-285.91	1128.89	-7.79	-3.364e+04	1022.89	7389.02

		7389.02	232.22	1.95e-04	0.0	50.8	-285.91	816.26	-7.79-3.364e+04	627.56	5.675e+04
						101.5	-285.91	503.62	-7.79-3.364e+04	232.22	9.025e+04
234	74	9.564e+04	1049.25	-0.02	-636.24	0.0	-278.98	1194.70	-8.01-3.162e+04	1049.25	6656.64
		6656.64	235.82	2.08e-04	0.0	50.8	-278.98	876.58	-8.01-3.162e+04	642.53	5.922e+04
						101.5	-278.98	558.46	-8.01-3.162e+04	235.82	9.564e+04
235	2	1.980e+05	4175.98	0.14	-3185.91	0.0	-1887.48	-6353.79	10.15-9.110e+04	3151.22	1.980e+05
		-6.046e+05	3151.22	-5.73e-04	0.0	50.5	-1887.48	-7946.74	10.15-9.110e+04	3663.60	-1.631e+05
						101.0	-1887.48	-9539.70	10.15-9.110e+04	4175.98	-6.046e+05
235	3	1.342e+05	2730.68	0.09	-2127.11	0.0	-1261.40	-3935.56	6.41-3.598e+04	2083.05	1.342e+05
		-3.707e+05	2083.05	-4.10e-04	0.0	50.5	-1261.40	-4999.11	6.41-3.598e+04	2406.87	-9.139e+04
						101.0	-1261.40	-6062.66	6.41-3.598e+04	2730.68	-3.707e+05
235	5	-2.860e+05	4.599e+05	0.05	-2211.24	0.0	2279.95	-6393.29	451.54 3.099e+04	4.038e+05	-2.860e+05
		-1.043e+06	4.038e+05	0.17	0.0	50.5	2279.95	-7498.91	451.54 3.099e+04	4.318e+05	-6.365e+05
						101.0	2279.95	-8604.53	451.54 3.099e+04	4.599e+05	-1.043e+06
235	6	-2.353e+05	9.386e+05	0.04	-2211.24	0.0	4434.36	-6196.79	2162.55 -1.984e+05	7.403e+05	-2.353e+05
		-9.730e+05	7.403e+05	0.08	0.0	50.5	4434.36	-7302.41	2162.55 -1.984e+05	8.395e+05	-5.762e+05
						101.0	4434.36	-8408.03	2162.55 -1.984e+05	9.386e+05	-9.730e+05
235	7	5.131e+05	-7.359e+05	0.14	-2211.24	0.0	-7056.23	-2169.35	-2149.00 1.087e+05	-7.359e+05	5.131e+05
		1.825e+05	-9.329e+05	-0.08	0.0	50.5	-7056.23	-3274.97	-2149.00 1.087e+05	-8.344e+05	3.757e+05
						101.0	-7056.23	-4380.59	-2149.00 1.087e+05	-9.329e+05	1.825e+05
235	8	5.639e+05	-3.994e+05	0.13	-2211.24	0.0	-4901.82	-1972.85	-437.99 -1.207e+05	-3.994e+05	5.639e+05
		2.522e+05	-4.542e+05	-0.17	0.0	50.5	-4901.82	-3078.47	-437.99 -1.207e+05	-4.268e+05	4.360e+05
						101.0	-4901.82	-4184.09	-437.99 -1.207e+05	-4.542e+05	2.522e+05
235	22	1.036e+05	1.010e+06	0.06	-2211.24	0.0	3680.16	-4489.17	3248.53 -4.389e+05	7.340e+05	1.036e+05
		-4.627e+05	7.340e+05	-0.11	0.0	50.5	3680.16	-5594.79	3248.53 -4.389e+05	8.718e+05	-1.517e+05
						101.0	3680.16	-6700.41	3248.53 -4.389e+05	1.010e+06	4.627e+05
235	23	1.742e+05	-7.297e+05	0.12	-2211.24	0.0	-6302.04	-3876.97	-3234.99 3.492e+05	-7.297e+05	1.742e+05
		-3.277e+05	-1.004e+06	0.10	0.0	50.5	-6302.04	-4982.59	-3234.99 3.492e+05	-8.668e+05	-4.883e+04
						101.0	-6302.04	-6088.21	-3234.99 3.492e+05	-1.004e+06	-3.277e+05
235	37	-1.050e+05	2.742e+05	0.07	-2211.24	0.0	801.70	-5451.35	272.86 -5501.85	2.398e+05	-1.050e+05
		-7.668e+05	2.398e+05	0.10	0.0	50.5	801.70	-6556.97	272.86 -5501.85	2.570e+05	-4.080e+05
						101.0	801.70	-7662.59	272.86 -5501.85	2.742e+05	-7.668e+05
235	38	-7.750e+04	5.268e+05	0.07	-2211.24	0.0	1938.17	-5346.90	1201.51 -1.265e+05	4.176e+05	-7.750e+04
		-7.293e+05	4.176e+05	0.05	0.0	50.5	1938.17	-6452.52	1201.51 -1.265e+05	4.722e+05	-3.755e+05
						101.0	1938.17	-7558.14	1201.51 -1.265e+05	5.268e+05	-7.293e+05
235	39	3.553e+05	-4.132e+05	0.12	-2211.24	0.0	-4560.04	-3019.24	-1187.97 3.680e+04	-4.132e+05	3.553e+05
		-6.121e+04	-5.211e+05	-0.05	0.0	50.5	-4560.04	-4124.87	-1187.97 3.680e+04	-4.672e+05	1.750e+05
						101.0	-4560.04	-5230.49	-1187.97 3.680e+04	-5.211e+05	-6.121e+04
235	40	3.828e+05	-2.354e+05	0.12	-2211.24	0.0	-3423.57	-2914.79	-259.32 -8.419e+04	-2.354e+05	3.828e+05
		-2.369e+04	-2.685e+05	-0.10	0.0	50.5	-3423.57	-4020.41	-259.32 -8.419e+04	-2.520e+05	2.075e+05
						101.0	-3423.57	-5126.03	-259.32 -8.419e+04	-2.685e+05	-2.369e+04
235	54	1.156e+05	5.432e+05	0.08	-2211.24	0.0	1387.45	-4373.79	1773.65 -2.528e+05	3.965e+05	1.156e+05
		-4.385e+05	3.965e+05	-0.05	0.0	50.5	1387.45	-5479.41	1773.65 -2.528e+05	4.698e+05	-1.335e+05
						101.0	1387.45	-6585.03	1773.65 -2.528e+05	5.432e+05	-4.385e+05
235	55	1.622e+05	-3.922e+05	0.11	-2211.24	0.0	-4009.32	-3992.35	-1760.10 1.631e+05	-3.922e+05	1.622e+05
		-3.519e+05	-5.375e+05	0.05	0.0	50.5	-4009.32	-5097.97	-1760.10 1.631e+05	-4.648e+05	-6.696e+04
						101.0	-4009.32	-6203.59	-1760.10 1.631e+05	-5.375e+05	-3.519e+05
235	69	1.342e+05	2730.68	0.09	-2127.11	0.0	-1261.40	-3935.56	6.41-3.598e+04	2083.05	1.342e+05
		-3.707e+05	2083.05	-4.10e-04	0.0	50.5	-1261.40	-4999.11	6.41-3.598e+04	2406.87	-9.139e+04
						101.0	-1261.40	-6062.66	6.41-3.598e+04	2730.68	-3.707e+05
235	70	1.499e+05	3148.08	0.10	-2407.55	0.0	-1426.51	-4760.60	7.62-6.553e+04	2378.56	1.499e+05
		-4.525e+05	2378.56	-4.37e-04	0.0	50.5	-1426.51	-5964.38	7.62-6.553e+04	2763.32	-1.209e+05
						101.0	-1426.51	-7168.15	7.62-6.553e+04	3148.08	-4.525e+05
235	71	1.342e+05	2730.68	0.09	-2127.11	0.0	-1261.40	-3935.56	6.41-3.598e+04	2083.05	1.342e+05
		-3.707e+05	2083.05	-4.10e-04	0.0	50.5	-1261.40	-4999.11	6.41-3.598e+04	2406.87	-9.139e+04
						101.0	-1261.40	-6062.66	6.41-3.598e+04	2730.68	-3.707e+05
235	72	1.421e+05	2939.38	0.10	-2267.33	0.0	-1343.96	-4348.08	7.02-5.076e+04	2230.80	1.421e+05
		-4.116e+05	2230.80	-4.23e-04	0.0	50.5	-1343.96	-5481.74	7.02-5.076e+04	2585.09	-1.061e+05
						101.0	-1343.96	-6615.41	7.02-5.076e+04	2939.38	-4.116e+05
235	73	1.342e+05	2730.68	0.09	-2127.11	0.0	-1261.40	-3935.56	6.41-3.598e+04	2083.05	1.342e+05
		-3.707e+05	2083.05	-4.10e-04	0.0	50.5	-1261.40	-4999.11	6.41-3.598e+04	2406.87	-9.139e+04
						101.0	-1261.40	-6062.66	6.41-3.598e+04	2730.68	-3.707e+05
235	74	1.389e+05	2855.90	0.09	-2211.24	0.0	-1310.94	-4183.07	6.77-4.485e+04	2171.70	1.389e+05
		-3.952e+05	2171.70	-4.18e-04	0.0	50.5	-1310.94	-5288.69	6.77-4.485e+04	2513.80	-1.002e+05
						101.0	-1310.94	-6394.31	6.77-4.485e+04	2855.90	-3.952e+05
236	2	-1.054e+06	845.92	-2.51e-04	-173.49	0.0	-2164.97	-1.058e+04	3.92-8.520e+04	824.35	-1.054e+06
		-1.113e+06	824.35	-8.21e-05	0.0	2.8	-2164.97	-1.067e+04	3.92-8.520e+04	835.14	-1.084e+06
						5.5	-2164.97	-1.076e+04	3.92-8.520e+04	845.92	-1.113e+06
236	3	-6.703e+05	537.42	-1.72e-04	-115.83	0.0	-1454.30	-6639.91	2.66-3.060e+04	522.78	-6.703e+05
		-7.071e+05	522.78	-5.98e-05	0.0	2.8	-1454.30	-6697.83	2.66-3.060e+04	530.10	-6.886e+05
						5.5	-1454.30	-6755.74	2.66-3.060e+04	537.42	-7.071e+05
236	6	-1.406e+06	-1.559e+05	-3.65e-03	-120.41	0.0	-3464.06	-9394.01	89.79-9.903e+04	-1.574e+05	-1.406e+06
		-1.459e+06	-1.574e+05	-4.47e-03	0.0	2.8	-3464.06	-9454.22	89.79-9.903e+04	-1.567e+05	-1.432e+06
						5.5	-3464.06	-9514.43	89.79-9.903e+04	-1.559e+05	-1.459e+06
236	7	-7357.57	1.585e+05	3.30e-03	-120.41	0.0	445.70	-4665.81	-84.28 1.966e+04	1.585e+05	-7357.57
		-3.302e+04	1.571e+05	4.35e-03	0.0	2.8	445.70	-4726.02	-84.28 1.966e+04	1.578e+05	-2.011e+04
						5.5	445.70	-4786.23	-84.28 1.966e+04	1.571e+05	-3.302e+04

236	9	-1.406e+06	-2.622e+05	-3.40e-03	-120.41	0.0	-5893.47	-9458.93	-1193.97	7.946e+04	-2.622e+05	-1.406e+06
		-1.459e+06	-2.670e+05	5.15e-03	0.0	2.8	-5893.47	-9519.13	-1193.97	7.946e+04	-2.646e+05	-1.432e+06
						5.5	-5893.47	-9579.34	-1193.97	7.946e+04	-2.670e+05	-1.459e+06
236	12	-7507.05	2.681e+05	3.05e-03	-120.41	0.0	2875.12	-4600.90	1199.48	-1.588e+05	2.633e+05	-7507.05
		-3.314e+04	2.633e+05	-5.27e-03	0.0	2.8	2875.12	-4661.10	1199.48	-1.588e+05	2.657e+05	-2.024e+04
						5.5	2875.12	-4721.31	1199.48	-1.588e+05	2.681e+05	-3.194e+04
236	21	-8.835e+05	-2.163e+05	-6.67e-04	-120.41	0.0	-6666.14	-7848.87	-2547.51	2.517e+05	-2.163e+05	-8.835e+05
		-9.259e+05	-2.293e+05	0.02	0.0	2.8	-6666.14	-7909.08	-2547.51	2.517e+05	-2.228e+05	-9.046e+05
						5.5	-6666.14	-7969.28	-2547.51	2.517e+05	-2.293e+05	-9.259e+05
236	24	-5.303e+05	2.305e+05	3.13e-04	-120.41	0.0	3647.78	-6210.96	2553.02	-3.311e+05	2.174e+05	-5.303e+05
		-5.659e+05	2.174e+05	-0.02	0.0	2.8	3647.78	-6271.16	2553.02	-3.311e+05	2.239e+05	-5.480e+05
						5.5	3647.78	-6331.37	2553.02	-3.311e+05	2.305e+05	-5.659e+05
236	38	-1.109e+06	-9.083e+04	-2.15e-03	-120.41	0.0	-2693.50	-8390.47	14.82	-7.085e+04	-9.144e+04	-1.109e+06
		-1.156e+06	-9.144e+04	-2.46e-03	0.0	2.8	-2693.50	-8450.68	14.82	-7.085e+04	-9.113e+04	-1.132e+06
						5.5	-2693.50	-8510.88	14.82	-7.085e+04	-9.083e+04	-1.156e+06
236	39	-3.045e+05	9.254e+04	1.80e-03	-120.41	0.0	-324.86	-5669.35	-9.31	-8518.69	9.254e+04	-3.045e+05
		-3.359e+05	9.196e+04	2.34e-03	0.0	2.8	-324.86	-5729.56	-9.31	-8518.69	9.225e+04	-3.201e+05
						5.5	-324.86	-5789.77	-9.31	-8518.69	9.196e+04	-3.359e+05
236	41	-1.109e+06	-1.475e+05	-2.02e-03	-120.41	0.0	-3977.02	-8426.98	-664.51	2.404e+04	-1.475e+05	-1.109e+06
		-1.156e+06	-1.501e+05	2.57e-03	0.0	2.8	-3977.02	-8487.18	-664.51	2.404e+04	-1.488e+05	-1.132e+06
						5.5	-3977.02	-8547.39	-664.51	2.404e+04	-1.501e+05	-1.156e+06
236	44	-3.046e+05	1.512e+05	1.66e-03	-120.41	0.0	958.67	-5632.85	670.02	-1.034e+05	1.486e+05	-3.046e+05
		-3.359e+05	1.486e+05	-2.69e-03	0.0	2.8	958.67	-5693.05	670.02	-1.034e+05	1.499e+05	-3.202e+05
						5.5	958.67	-5753.26	670.02	-1.034e+05	1.512e+05	-3.359e+05
236	53	-8.090e+05	-1.177e+05	-4.76e-04	-120.41	0.0	-4278.93	-7499.90	-1354.16	1.156e+05	-1.177e+05	-8.090e+05
		-8.499e+05	-1.246e+05	8.58e-03	0.0	2.8	-4278.93	-7560.11	-1354.16	1.156e+05	-1.211e+05	-8.294e+05
						5.5	-4278.93	-7620.32	-1354.16	1.156e+05	-1.246e+05	-8.499e+05
236	56	-6.048e+05	1.257e+05	1.22e-04	-120.41	0.0	1260.58	-6559.92	1359.67	-1.950e+05	1.188e+05	-6.048e+05
		-6.418e+05	1.188e+05	-8.70e-03	0.0	2.8	1260.58	-6620.13	1359.67	-1.950e+05	1.222e+05	-6.232e+05
						5.5	1260.58	-6680.34	1359.67	-1.950e+05	1.257e+05	-6.418e+05
236	69	-6.703e+05	537.42	-1.72e-04	-115.83	0.0	-1454.30	-6639.91	2.66	-3.060e+04	522.78	-6.703e+05
		-7.071e+05	522.78	-5.98e-05	0.0	2.8	-1454.30	-6697.83	2.66	-3.060e+04	530.10	-6.886e+05
						5.5	-1454.30	-6755.74	2.66	-3.060e+04	537.42	-7.071e+05
236	70	-7.923e+05	635.60	-1.90e-04	-131.10	0.0	-1637.22	-7939.91	2.97	-6.088e+04	619.27	-7.923e+05
		-8.363e+05	619.27	-6.27e-05	0.0	2.8	-1637.22	-8005.46	2.97	-6.088e+04	627.44	-8.142e+05
						5.5	-1637.22	-8071.02	2.97	-6.088e+04	635.60	-8.363e+05
236	71	-6.703e+05	537.42	-1.72e-04	-115.83	0.0	-1454.30	-6639.91	2.66	-3.060e+04	522.78	-6.703e+05
		-7.071e+05	522.78	-5.98e-05	0.0	2.8	-1454.30	-6697.83	2.66	-3.060e+04	530.10	-6.886e+05
						5.5	-1454.30	-6755.74	2.66	-3.060e+04	537.42	-7.071e+05
236	72	-7.313e+05	586.51	-1.81e-04	-123.47	0.0	-1545.76	-7289.91	2.82	-4.574e+04	571.03	-7.313e+05
		-7.717e+05	571.03	-6.13e-05	0.0	2.8	-1545.76	-7351.65	2.82	-4.574e+04	578.77	-7.514e+05
						5.5	-1545.76	-7413.38	2.82	-4.574e+04	586.51	-7.717e+05
236	73	-6.703e+05	537.42	-1.72e-04	-115.83	0.0	-1454.30	-6639.91	2.66	-3.060e+04	522.78	-6.703e+05
		-7.071e+05	522.78	-5.98e-05	0.0	2.8	-1454.30	-6697.83	2.66	-3.060e+04	530.10	-6.886e+05
						5.5	-1454.30	-6755.74	2.66	-3.060e+04	537.42	-7.071e+05
236	74	-7.069e+05	566.88	-1.77e-04	-120.41	0.0	-1509.18	-7029.91	2.75	-3.968e+04	551.73	-7.069e+05
		-7.459e+05	551.73	-6.07e-05	0.0	2.8	-1509.18	-7090.12	2.75	-3.968e+04	559.30	-7.263e+05
						5.5	-1509.18	-7150.33	2.75	-3.968e+04	566.88	-7.459e+05
237	1	-5.111e+05	123.48	8.34e-03	-971.94	0.0	-2072.61	-7451.27	7.68	-3.224e+04	-149.13	-5.111e+05
		-7.928e+05	-149.13	-3.86e-04	0.0	17.8	-2072.61	-7937.24	7.68	-3.224e+04	-12.83	-6.476e+05
						35.5	-2072.61	-8423.21	7.68	-3.224e+04	123.48	-7.928e+05
237	2	-6.210e+05	236.97	0.01	-1119.80	0.0	-2376.20	-9157.48	8.37	-7.160e+04	-60.16	-6.210e+05
		-9.659e+05	-60.16	-4.20e-04	0.0	17.8	-2376.20	-9717.38	8.37	-7.160e+04	88.41	-7.885e+05
						35.5	-2376.20	-1028e+04	8.37	-7.160e+04	236.97	-9.659e+05
237	3	-3.931e+05	94.98	6.41e-03	-747.65	0.0	-1594.32	-5731.74	5.91	-2.480e+04	-114.71	-3.931e+05
		-6.099e+05	-114.71	-2.97e-04	0.0	17.8	-1594.32	-6105.57	5.91	-2.480e+04	-9.87	-4.982e+05
						35.5	-1594.32	-6479.39	5.91	-2.480e+04	94.98	-6.099e+05
237	6	-1.030e+06	4.186e+04	-0.01	-777.22	0.0	-3114.27	-8461.10	386.61	5.012e+04	1.745e+04	-1.030e+06
		-1.344e+06	1.745e+04	-0.02	0.0	17.8	-3114.27	-8849.71	386.61	5.012e+04	2.966e+04	-1.183e+06
						35.5	-3114.27	-9238.32	386.61	5.012e+04	4.186e+04	-1.344e+06
237	7	1.994e+05	-1.765e+04	0.03	-777.22	0.0	-195.79	-3684.87	-374.52	-1.155e+05	-1.765e+04	1.994e+05
		5.481e+04	-4.163e+04	0.02	0.0	17.8	-195.79	-4073.48	-374.52	-1.155e+05	-2.964e+04	1.306e+05
						35.5	-195.79	-4462.09	-374.52	-1.155e+05	-4.163e+04	5.481e+04
237	21	-5.671e+05	2.090e+05	2.41e-03	-777.22	0.0	-6601.75	-6658.68	-1861.60	-7.721e+04	2.090e+05	-5.671e+05
		-8.173e+05	1.482e+05	0.03	0.0	17.8	-6601.75	-7047.29	-1861.60	-7.721e+04	1.786e+05	-6.888e+05
						35.5	-6601.75	-7435.89	-1861.60	-7.721e+04	1.482e+05	-8.173e+05
237	24	-2.631e+05	-1.480e+05	0.01	-777.22	0.0	3291.68	-5487.30	1873.69	1.186e+04	-2.092e+05	-2.631e+05
		-4.717e+05	-2.092e+05	-0.03	0.0	17.8	3291.68	-5875.91	1873.69	1.186e+04	-1.786e+05	-3.639e+05
						35.5	3291.68	-6264.51	1873.69	1.186e+04	-1.480e+05	-4.717e+05
237	38	-7.685e+05	2.561e+04	-4.37e-03	-777.22	0.0	-2555.75	-7446.23	203.39	1.309e+04	1.219e+04	-7.685e+05
		-1.047e+06	1.219e+04	-0.01	0.0	17.8	-2555.75	-7834.84	203.39	1.309e+04	1.890e+04	-9.041e+05
						35.5	-2555.75	-8223.45	203.39	1.309e+04	2.561e+04	-1.047e+06
237	39	-6.172e+04	-1.238e+04	0.02	-777.22	0.0	-754.32	-4699.74	-191.30	-7.844e+04	-1.238e+04	-6.172e+04
		-2.424e+05	-2.537e+04	0.01	0.0	17.8	-754.32	-5088.35	-191.30	-7.844e+04	-1.888e+04	-1.486e+05
						35.5	-754.32	-5476.96	-191.30	-7.844e+04	-2.537e+04	-2.424e+05
237	53	-5.032e+05	1.142e+05	3.97e-03	-777.22	0.0	-4307.97	-6412.14	-997.92	-5.717e+04	1.142e+05	-5.032e+05
		-7.446e+05	8.184e+04	0.01	0.0	17.8	-4307.97	-6800.75	-997.92	-5.717e+04	9.802e+04	-6.204e+05

						35.5	-4307.97	-7189.36	-997.92	-5.717e+04	8.184e+04	-7.446e+05
237	56	-3.271e+05	-8.161e+04	9.59e-03	-777.22	0.0	997.90	-5733.83	1010.01	-8177.43	-1.144e+05	-3.271e+05
		-5.444e+05	-1.144e+05	-0.01	0.0	17.8	997.90	-6122.44	1010.01	-8177.43	-9.800e+04	-4.323e+05
						35.5	997.90	-6511.05	1010.01	-8177.43	-8.161e+04	-5.444e+05
237	69	-3.931e+05	94.98	6.41e-03	-747.65	0.0	-1594.32	-5731.74	5.91	-2.480e+04	-114.71	-3.931e+05
		-6.099e+05	-114.71	-2.97e-04	0.0	17.8	-1594.32	-6105.57	5.91	-2.480e+04	-9.87	-4.982e+05
						35.5	-1594.32	-6479.39	5.91	-2.480e+04	94.98	-6.099e+05
237	70	-4.664e+05	170.64	7.58e-03	-846.22	0.0	-1796.71	-6869.22	6.37	-5.104e+04	-55.40	-4.664e+05
		-7.253e+05	-55.40	-3.20e-04	0.0	17.8	-1796.71	-7292.33	6.37	-5.104e+04	57.62	-5.921e+05
						35.5	-1796.71	-7715.44	6.37	-5.104e+04	170.64	-7.253e+05
237	71	-3.931e+05	94.98	6.41e-03	-747.65	0.0	-1594.32	-5731.74	5.91	-2.480e+04	-114.71	-3.931e+05
		-6.099e+05	-114.71	-2.97e-04	0.0	17.8	-1594.32	-6105.57	5.91	-2.480e+04	-9.87	-4.982e+05
						35.5	-1594.32	-6479.39	5.91	-2.480e+04	94.98	-6.099e+05
237	72	-4.298e+05	132.81	7.00e-03	-796.93	0.0	-1695.51	-6300.48	6.14	-3.792e+04	-85.06	-4.298e+05
		-6.676e+05	-85.06	-3.08e-04	0.0	17.8	-1695.51	-6698.95	6.14	-3.792e+04	23.88	-5.451e+05
						35.5	-1695.51	-7097.41	6.14	-3.792e+04	132.81	-6.676e+05
237	73	-3.931e+05	94.98	6.41e-03	-747.65	0.0	-1594.32	-5731.74	5.91	-2.480e+04	-114.71	-3.931e+05
		-6.099e+05	-114.71	-2.97e-04	0.0	17.8	-1594.32	-6105.57	5.91	-2.480e+04	-9.87	-4.982e+05
						35.5	-1594.32	-6479.39	5.91	-2.480e+04	94.98	-6.099e+05
237	74	-4.151e+05	117.68	6.76e-03	-777.22	0.0	-1655.03	-6072.99	6.05	-3.267e+04	-96.92	-4.151e+05
		-6.445e+05	-96.92	-3.04e-04	0.0	17.8	-1655.03	-6461.60	6.05	-3.267e+04	10.38	-5.264e+05
						35.5	-1655.03	-6850.20	6.05	-3.267e+04	117.68	-6.445e+05
238	2	-3.342e+05	-4910.71	0.02	-2066.11	0.0	-2196.18	-7732.22	-21.33	-5.599e+04	-4910.71	-3.342e+05
		-9.083e+05	-6307.61	1.04e-03	0.0	32.8	-2196.18	-8765.27	-21.33	-5.599e+04	-5609.16	-6.043e+05
						65.5	-2196.18	-9798.33	-21.33	-5.599e+04	-6307.61	-9.083e+05
238	3	-2.110e+05	-3531.02	0.01	-1379.46	0.0	-1477.96	-4822.91	-15.46	-1.758e+04	-3531.02	-2.110e+05
		-5.721e+05	-4543.46	7.90e-04	0.0	32.8	-1477.96	-5512.64	-15.46	-1.758e+04	-4037.24	-3.802e+05
						65.5	-1477.96	-6202.37	-15.46	-1.758e+04	-4543.46	-5.721e+05
238	6	-7.625e+05	-3.456e+04	-0.03	-1434.02	0.0	-4145.10	-7510.73	-217.27	3.465e+04	-3.456e+04	-7.625e+05
		-1.301e+06	-9.878e+04	0.06	0.0	32.8	-4145.10	-8227.74	-217.27	3.465e+04	-6.667e+04	-1.020e+06
						65.5	-4145.10	-8944.75	-217.27	3.465e+04	-9.878e+04	-1.301e+06
238	7	3.166e+05	8.953e+04	0.05	-1434.02	0.0	1079.24	-2720.07	185.87	-8.306e+04	2.737e+04	3.166e+05
		9.144e+04	2.737e+04	-0.06	0.0	32.8	1079.24	-3437.08	185.87	-8.306e+04	5.845e+04	2.158e+05
						65.5	1079.24	-4154.09	185.87	-8.306e+04	8.953e+04	9.144e+04
238	29	-3.581e+05	2.669e+05	2.42e-03	-1434.02	0.0	-6897.26	-5734.93	-1454.90	-2.949e+05	2.669e+05	-3.581e+05
		-7.808e+05	1.635e+05	-0.06	0.0	32.8	-6897.26	-6451.94	-1454.90	-2.949e+05	2.152e+05	-5.777e+05
						65.5	-6897.26	-7168.96	-1454.90	-2.949e+05	1.635e+05	-7.808e+05
238	32	-8.790e+04	-1.728e+05	0.02	-1434.02	0.0	3831.40	-4495.87	1423.49	2.465e+05	-2.741e+05	-8.790e+04
		-4.292e+05	-2.741e+05	0.06	0.0	32.8	3831.40	-5212.88	1423.49	2.465e+05	-2.234e+05	-2.468e+05
						65.5	3831.40	-5929.89	1423.49	2.465e+05	-1.728e+05	-4.292e+05
238	38	-5.332e+05	-1.855e+04	-0.01	-1434.02	0.0	-3085.86	-6492.77	-126.19	6079.05	-1.855e+04	-5.332e+05
		-1.005e+06	-5.684e+04	0.03	0.0	32.8	-3085.86	-7209.78	-126.19	6079.05	-3.770e+04	-7.576e+05
						65.5	-3085.86	-7926.79	-126.19	6079.05	-5.684e+04	-1.005e+06
238	39	8.726e+04	4.760e+04	0.03	-1434.02	0.0	20.00	-3738.03	94.78	-5.449e+04	1.136e+04	8.726e+04
		-2.046e+05	1.136e+04	-0.03	0.0	32.8	20.00	-4455.04	94.78	-5.449e+04	2.948e+04	-4.690e+04
						65.5	20.00	-5172.05	94.78	-5.449e+04	4.760e+04	-2.046e+05
238	61	-3.008e+05	1.426e+05	5.24e-03	-1434.02	0.0	-4416.44	-5472.09	-782.23	-1.686e+05	1.426e+05	-3.008e+05
		-7.062e+05	8.645e+04	-0.03	0.0	32.8	-4416.44	-6189.10	-782.23	-1.686e+05	1.145e+05	-4.917e+05
						65.5	-4416.44	-6906.11	-782.23	-1.686e+05	8.645e+04	-7.062e+05
238	64	-1.452e+05	-9.570e+04	0.02	-1434.02	0.0	1350.59	-4758.71	750.83	1.202e+05	-1.497e+05	-1.452e+05
		-5.038e+05	-1.497e+05	0.03	0.0	32.8	1350.59	-5475.72	750.83	1.202e+05	-1.227e+05	-3.127e+05
						65.5	1350.59	-6192.73	750.83	1.202e+05	-9.570e+04	-5.038e+05
238	69	-2.110e+05	-3531.02	0.01	-1379.46	0.0	-1477.96	-4822.91	-15.46	-1.758e+04	-3531.02	-2.110e+05
		-5.721e+05	-4543.46	7.90e-04	0.0	32.8	-1477.96	-5512.64	-15.46	-1.758e+04	-4037.24	-3.802e+05
						65.5	-1477.96	-6202.37	-15.46	-1.758e+04	-4543.46	-5.721e+05
238	70	-2.509e+05	-3744.61	0.01	-1561.33	0.0	-1661.18	-5797.87	-16.28	-3.967e+04	-3744.61	-2.509e+05
		-6.818e+05	-4810.87	8.00e-04	0.0	32.8	-1661.18	-6578.53	-16.28	-3.967e+04	-4277.74	-4.536e+05
						65.5	-1661.18	-7359.20	-16.28	-3.967e+04	-4810.87	-6.818e+05
238	71	-2.110e+05	-3531.02	0.01	-1379.46	0.0	-1477.96	-4822.91	-15.46	-1.758e+04	-3531.02	-2.110e+05
		-5.721e+05	-4543.46	7.90e-04	0.0	32.8	-1477.96	-5512.64	-15.46	-1.758e+04	-4037.24	-3.802e+05
						65.5	-1477.96	-6202.37	-15.46	-1.758e+04	-4543.46	-5.721e+05
238	72	-2.310e+05	-3637.81	0.01	-1470.40	0.0	-1569.57	-5310.39	-15.87	-2.863e+04	-3637.81	-2.310e+05
		-6.269e+05	-4677.17	7.95e-04	0.0	32.8	-1569.57	-6045.59	-15.87	-2.863e+04	-4157.49	-4.169e+05
						65.5	-1569.57	-6780.79	-15.87	-2.863e+04	-4677.17	-6.269e+05
238	73	-2.110e+05	-3531.02	0.01	-1379.46	0.0	-1477.96	-4822.91	-15.46	-1.758e+04	-3531.02	-2.110e+05
		-5.721e+05	-4543.46	7.90e-04	0.0	32.8	-1477.96	-5512.64	-15.46	-1.758e+04	-4037.24	-3.802e+05
						65.5	-1477.96	-6202.37	-15.46	-1.758e+04	-4543.46	-5.721e+05
238	74	-2.230e+05	-3595.10	0.01	-1434.02	0.0	-1532.93	-5115.40	-15.70	-2.421e+04	-3595.10	-2.230e+05
		-6.050e+05	-4623.68	7.93e-04	0.0	32.8	-1532.93	-5832.41	-15.70	-2.421e+04	-4109.39	-4.022e+05
						65.5	-1532.93	-6549.42	-15.70	-2.421e+04	-4623.68	-6.050e+05
239	1	-1.715e+05	3641.14	0.05	-2614.66	0.0	-1679.35	-6820.55	7.46	-2731.88	2928.28	-1.715e+05
		-9.477e+05	2928.28	9.85e-04	0.0	47.8	-1679.35	-8127.88	7.46	-2731.88	3284.71	-5.283e+05
						95.5	-1679.35	-9435.21	7.46	-2731.88	3641.14	-9.477e+05
239	2	-2.084e+05	3377.28	0.06	-3012.42	0.0	-1928.59	-8356.15	6.35	-2.379e+04	2771.11	-2.084e+05
		-1.150e+06	2771.11	1.05e-03	0.0	47.8	-1928.59	-9862.36	6.35	-2.379e+04	3074.19	-6.434e+05
						95.5	-1928.59	-1137e+04	6.35	-2.379e+04	3377.28	-1.150e+06
239	3	-1.319e+05	2800.88	0.04	-2011.27	0.0	-1291.81	-5246.58	5.74	-2101.45	2252.52	-1.319e+05

		-7.290e+05	2252.52	7.58e-04	0.0	47.8	-1291.81	-6252.22	5.74	-2101.45	2526.70	-4.064e+05
						95.5	-1291.81	-7257.85	5.74	-2101.45	2800.88	-7.290e+05
239	4	-1.688e+05	2537.02	0.05	-2409.04	0.0	-1541.05	-6782.18	4.62	-2.316e+04	2095.35	-1.688e+05
		-9.316e+05	2095.35	8.26e-04	0.0	47.8	-1541.05	-7986.70	4.62	-2.316e+04	2316.18	-5.214e+05
						95.5	-1541.05	-9191.22	4.62	-2.316e+04	2537.02	-9.316e+05
239	9	-5.283e+05	3.227e+05	-0.01	-2090.83	0.0	-7761.30	-7268.56	2399.07	-1.649e+05	1.313e+05	-5.283e+05
		-1.322e+06	1.313e+05	-0.07	0.0	47.8	-7761.30	-8313.97	2399.07	-1.649e+05	2.270e+05	-9.001e+05
						95.5	-7761.30	-9359.39	2399.07	-1.649e+05	3.227e+05	-1.322e+06
239	10	-5.820e+05	1.605e+05	0.01	-2090.83	0.0	-5559.56	-7567.79	1473.35	7.406e+04	2.005e+04	-5.820e+05
		-1.404e+06	2.005e+04	0.11	0.0	47.8	-5559.56	-5630.44	1473.35	7.406e+04	9.030e+04	-9.681e+05
						95.5	-5559.56	-9658.61	1473.35	7.406e+04	1.605e+05	-1.404e+06
239	11	3.035e+05	-1.561e+04	0.08	-2090.83	0.0	2876.25	-3539.61	-1462.31	-8.669e+04	-1.561e+04	3.035e+05
		-1.349e+05	-1.551e+05	-0.11	0.0	47.8	2876.25	-4585.03	-1462.31	-8.669e+04	-8.533e+04	1.093e+05
						95.5	2876.25	-5630.44	-1462.31	-8.669e+04	-1.551e+05	-1.349e+05
239	12	2.498e+05	-1.268e+05	0.09	-2090.83	0.0	5077.98	-3838.84	-2388.03	1.523e+05	-1.268e+05	2.498e+05
		-2.171e+05	-3.172e+05	0.07	0.0	47.8	5077.98	-4884.25	-2388.03	1.523e+05	-2.220e+05	4.129e+04
						95.5	5077.98	-5929.66	-2388.03	1.523e+05	-3.172e+05	-2.171e+05
239	29	-1.745e+05	3.446e+05	0.01	-2090.83	0.0	-6606.84	-5614.33	2127.59	-4.163e+05	2.097e+05	-1.745e+05
		-8.105e+05	2.097e+05	-0.28	0.0	47.8	-6606.84	-6659.75	2127.59	-4.163e+05	2.771e+05	-4.675e+05
						95.5	-6606.84	-7705.16	2127.59	-4.163e+05	3.446e+05	-8.105e+05
239	32	-1.040e+05	-2.052e+05	0.07	-2090.83	0.0	3923.53	-5493.07	-2116.55	4.037e+05	-2.052e+05	-1.040e+05
		-7.285e+05	-3.391e+05	0.28	0.0	47.8	3923.53	-6538.48	-2116.55	4.037e+05	-2.721e+05	-3.913e+05
						95.5	3923.53	-7583.89	-2116.55	4.037e+05	-3.391e+05	-7.285e+05
239	41	-3.643e+05	1.821e+05	0.02	-2090.83	0.0	-4971.06	-6546.35	1380.70	-9.080e+04	7.207e+04	-3.643e+05
		-1.089e+06	7.207e+04	-0.03	0.0	47.8	-4971.06	-7591.76	1380.70	-9.080e+04	1.271e+05	-7.018e+05
						95.5	-4971.06	-8637.18	1380.70	-9.080e+04	1.821e+05	-1.089e+06
239	42	-3.934e+05	9.586e+04	0.02	-2090.83	0.0	-3810.15	-6709.33	859.60	3.519e+04	1.307e+04	-3.934e+05
		-1.134e+06	1.307e+04	0.06	0.0	47.8	-3810.15	-7754.74	859.60	3.519e+04	5.447e+04	-7.386e+05
						95.5	-3810.15	-8800.15	859.60	3.519e+04	9.586e+04	-1.134e+06
239	43	1.148e+05	-8632.40	0.07	-2090.83	0.0	1126.83	-4398.07	-848.57	-4.781e+04	-8632.40	1.148e+05
		-4.053e+05	-9.036e+04	-0.06	0.0	47.8	1126.83	-5443.49	-848.57	-4.781e+04	-4.950e+04	-1.203e+05
						95.5	1126.83	-6488.90	-848.57	-4.781e+04	-9.036e+04	-4.053e+05
239	44	8.577e+04	-6.763e+04	0.07	-2090.83	0.0	2287.74	-4561.05	-1369.66	7.818e+04	-6.763e+04	8.577e+04
		-4.499e+05	-1.766e+05	0.03	0.0	47.8	2287.74	-5606.46	-1369.66	7.818e+04	-1.221e+05	-1.571e+05
						95.5	2287.74	-6651.88	-1369.66	7.818e+04	-1.766e+05	-4.499e+05
239	61	-1.627e+05	1.873e+05	0.02	-2090.83	0.0	-4191.19	-5604.31	1208.40	-2.227e+05	1.127e+05	-1.627e+05
		-7.978e+05	1.127e+05	-0.15	0.0	47.8	-4191.19	-6649.73	1208.40	-2.227e+05	1.500e+05	-4.553e+05
						95.5	-4191.19	-7695.14	1208.40	-2.227e+05	1.873e+05	-7.978e+05
239	64	-1.158e+05	-1.082e+05	0.06	-2090.83	0.0	1507.88	-5503.09	-1197.36	2.101e+05	-1.082e+05	-1.158e+05
		-7.412e+05	-1.818e+05	0.15	0.0	47.8	1507.88	-6548.50	-1197.36	2.101e+05	-1.450e+05	-4.036e+05
						95.5	1507.88	-7593.91	-1197.36	2.101e+05	-1.818e+05	-7.412e+05
239	69	-1.319e+05	2800.88	0.04	-2011.27	0.0	-1291.81	-5246.58	5.74	-2101.45	2252.52	-1.319e+05
		-7.290e+05	2252.52	7.58e-04	0.0	47.8	-1291.81	-6252.22	5.74	-2101.45	2526.70	-4.064e+05
						95.5	-1291.81	-7257.85	5.74	-2101.45	2800.88	-7.290e+05
239	70	-1.565e+05	2624.97	0.05	-2276.45	0.0	-1457.97	-6270.31	5.00	-1.614e+04	2147.74	-1.565e+05
		-8.640e+05	2147.74	8.03e-04	0.0	47.8	-1457.97	-7408.54	5.00	-1.614e+04	2386.36	-4.831e+05
						95.5	-1457.97	-8546.76	5.00	-1.614e+04	2624.97	-8.640e+05
239	71	-1.319e+05	2800.88	0.04	-2011.27	0.0	-1291.81	-5246.58	5.74	-2101.45	2252.52	-1.319e+05
		-7.290e+05	2252.52	7.58e-04	0.0	47.8	-1291.81	-6252.22	5.74	-2101.45	2526.70	-4.064e+05
						95.5	-1291.81	-7257.85	5.74	-2101.45	2800.88	-7.290e+05
239	72	-1.442e+05	2712.93	0.04	-2143.86	0.0	-1374.89	-5758.45	5.37	-9119.31	2200.13	-1.442e+05
		-7.965e+05	2200.13	7.80e-04	0.0	47.8	-1374.89	-6830.38	5.37	-9119.31	2456.53	-4.448e+05
						95.5	-1374.89	-7902.31	5.37	-9119.31	2712.93	-7.965e+05
239	73	-1.319e+05	2800.88	0.04	-2011.27	0.0	-1291.81	-5246.58	5.74	-2101.45	2252.52	-1.319e+05
		-7.290e+05	2252.52	7.58e-04	0.0	47.8	-1291.81	-6252.22	5.74	-2101.45	2526.70	-4.064e+05
						95.5	-1291.81	-7257.85	5.74	-2101.45	2800.88	-7.290e+05
239	74	-1.393e+05	2748.11	0.04	-2090.83	0.0	-1341.66	-5553.70	5.52	-6312.16	2221.09	-1.393e+05
		-7.695e+05	2221.09	7.71e-04	0.0	47.8	-1341.66	-6599.11	5.52	-6312.16	2484.60	-4.294e+05
						95.5	-1341.66	-7644.53	5.52	-6312.16	2748.11	-7.695e+05
240	1	-1.490e+05	-1344.46	2.62e-04	-53.00	0.0	-383.25	-2500.47	-5.29	8.895e+04	-1344.46	-1.490e+05
		-1.658e+05	-1379.48	-1.76e-05	0.0	3.3	-383.25	-2526.97	-5.29	8.895e+04	-1361.97	-1.573e+05
						6.6	-383.25	-2553.47	-5.29	8.895e+04	-1379.48	-1.658e+05
240	2	-1.926e+05	-1173.01	3.41e-04	-56.58	0.0	-369.76	-3252.49	-4.80	1.319e+05	-1173.01	-1.926e+05
		-2.143e+05	-1204.79	-1.66e-05	0.0	3.3	-369.76	-3280.78	-4.80	1.319e+05	-1188.90	-2.034e+05
						6.6	-369.76	-3309.07	-4.80	1.319e+05	-1204.79	-2.143e+05
240	3	-1.146e+05	-1034.20	2.02e-04	-40.77	0.0	-294.81	-1923.44	-4.07	6.843e+04	-1034.20	-1.146e+05
		-1.275e+05	-1061.13	-1.35e-05	0.0	3.3	-294.81	-1943.83	-4.07	6.843e+04	-1047.67	-1.210e+05
						6.6	-294.81	-1964.21	-4.07	6.843e+04	-1061.13	-1.275e+05
240	4	-1.582e+05	-862.75	2.81e-04	-44.35	0.0	-281.32	-2675.46	-3.58	1.114e+05	-862.75	-1.582e+05
		-1.761e+05	-886.45	-1.26e-05	0.0	3.3	-281.32	-2697.63	-3.58	1.114e+05	-874.60	-1.671e+05
						6.6	-281.32	-2719.81	-3.58	1.114e+05	-886.45	-1.761e+05
240	9	-5.627e+05	-1.455e+06	-1.40e-03	-41.48	0.0	-1555.22	-3859.63	-4229.41	2.218e+05	-1.455e+06	-5.627e+05
		-5.884e+05	-1.483e+06	1.89e-03	0.0	3.3	-1555.22	-3880.38	-4229.41	2.218e+05	-1.469e+06	-5.755e+05
						6.6	-1555.22	-3901.12	-4229.41	2.218e+05	-1.483e+06	-5.884e+05
240	12	3.160e+05	1.481e+06	1.83e-03	-41.48	0.0	971.00	-288.06	4221.46	-6.776e+04	1.453e+06	3.160e+05
		3.139e+05	1.453e+06	-1.92e-03	0.0	3.3	971.00	-308.80	4221.46	-6.776e+04	1.467e+06	3.150e+05
						6.6	971.00	-329.54	4221.46	-6.776e+04	1.481e+06	3.139e+05

240	29	-1.108e+06	-1.213e+06	-7.00e-03	-41.48	0.0	-1550.22	-6043.57	-4038.68	1.117e+05	-1.213e+06	-1.108e+06
		-1.148e+06	-1.240e+06	-9.21e-04	0.0	3.3	-1550.22	-6064.31	-4038.68	1.117e+05	-1.227e+06	-1.128e+06
						6.6	-1550.22	-6085.05	-4038.68	1.117e+05	-1.240e+06	-1.148e+06
240	32	8.737e+05	1.238e+06	7.43e-03	-41.48	0.0	966.00	1895.87	4030.73	4.230e+04	1.211e+06	8.613e+05
		8.613e+05	1.211e+06	8.94e-04	0.0	3.3	966.00	1875.13	4030.73	4.230e+04	1.225e+06	8.675e+05
						6.6	966.00	1854.39	4030.73	4.230e+04	1.238e+06	8.737e+05
240	41	-3.626e+05	-8.229e+05	-5.77e-04	-41.48	0.0	-1014.86	-3049.96	-2382.64	1.605e+05	-8.229e+05	-3.626e+05
		-3.829e+05	-8.385e+05	1.20e-03	0.0	3.3	-1014.86	-3070.71	-2382.64	1.605e+05	-8.307e+05	-3.727e+05
						6.6	-1014.86	-3091.45	-2382.64	1.605e+05	-8.385e+05	-3.829e+05
240	44	1.159e+05	8.365e+05	1.01e-03	-41.48	0.0	430.64	-1097.73	2374.70	-6489.07	8.209e+05	1.159e+05
		1.085e+05	8.209e+05	-1.23e-03	0.0	3.3	430.64	-1118.47	2374.70	-6489.07	8.287e+05	1.122e+05
						6.6	430.64	-1139.21	2374.70	-6489.07	8.365e+05	1.085e+05
240	61	-6.541e+05	-6.568e+05	-3.61e-03	-41.48	0.0	-1008.19	-4215.71	-2176.35	9.732e+04	-6.568e+05	-6.541e+05
		-6.822e+05	-6.711e+05	-2.66e-04	0.0	3.3	-1008.19	-4236.45	-2176.35	9.732e+04	-6.639e+05	-6.681e+05
						6.6	-1008.19	-4257.19	-2176.35	9.732e+04	-6.711e+05	-6.822e+05
240	64	4.077e+05	6.691e+05	4.04e-03	-41.48	0.0	423.97	68.01	2168.41	5.671e+04	6.548e+05	4.074e+05
		4.074e+05	6.548e+05	2.39e-04	0.0	3.3	423.97	47.27	2168.41	5.671e+04	6.619e+05	4.076e+05
						6.6	423.97	26.53	2168.41	5.671e+04	6.691e+05	4.077e+05
240	69	-1.146e+05	-1034.20	2.02e-04	-40.77	0.0	-294.81	-1923.44	-4.07	6.843e+04	-1034.20	-1.146e+05
		-1.275e+05	-1061.13	-1.35e-05	0.0	3.3	-294.81	-1943.83	-4.07	6.843e+04	-1047.67	-1.210e+05
						6.6	-294.81	-1964.21	-4.07	6.843e+04	-1061.13	-1.275e+05
240	70	-1.437e+05	-919.90	2.54e-04	-43.15	0.0	-285.82	-2424.79	-3.74	9.704e+04	-919.90	-1.437e+05
		-1.599e+05	-944.68	-1.29e-05	0.0	3.3	-285.82	-2446.37	-3.74	9.704e+04	-932.29	-1.517e+05
						6.6	-285.82	-2467.94	-3.74	9.704e+04	-944.68	-1.599e+05
240	71	-1.146e+05	-1034.20	2.02e-04	-40.77	0.0	-294.81	-1923.44	-4.07	6.843e+04	-1034.20	-1.146e+05
		-1.275e+05	-1061.13	-1.35e-05	0.0	3.3	-294.81	-1943.83	-4.07	6.843e+04	-1047.67	-1.210e+05
						6.6	-294.81	-1964.21	-4.07	6.843e+04	-1061.13	-1.275e+05
240	72	-1.292e+05	-977.05	2.28e-04	-41.96	0.0	-290.31	-2174.12	-3.91	8.274e+04	-977.05	-1.292e+05
		-1.437e+05	-1002.91	-1.32e-05	0.0	3.3	-290.31	-2195.10	-3.91	8.274e+04	-989.98	-1.364e+05
						6.6	-290.31	-2216.08	-3.91	8.274e+04	-1002.91	-1.437e+05
240	73	-1.146e+05	-1034.20	2.02e-04	-40.77	0.0	-294.81	-1923.44	-4.07	6.843e+04	-1034.20	-1.146e+05
		-1.275e+05	-1061.13	-1.35e-05	0.0	3.3	-294.81	-1943.83	-4.07	6.843e+04	-1047.67	-1.210e+05
						6.6	-294.81	-1964.21	-4.07	6.843e+04	-1061.13	-1.275e+05
240	74	-1.234e+05	-999.91	2.18e-04	-41.48	0.0	-292.11	-2073.85	-3.97	7.701e+04	-999.91	-1.234e+05
		-1.372e+05	-1026.20	-1.33e-05	0.0	3.3	-292.11	-2094.59	-3.97	7.701e+04	-1013.05	-1.303e+05
						6.6	-292.11	-2115.33	-3.97	7.701e+04	-1026.20	-1.372e+05
241	2	-6.408e+04	-4214.87	1.36e-03	-652.58	0.0	-761.04	-2215.03	-25.02	6.699e+04	-4214.87	-6.408e+04
		-2.581e+05	-6125.07	7.02e-05	0.0	38.2	-761.04	-2541.32	-25.02	6.699e+04	-5169.97	-1.549e+05
						76.3	-761.04	-2867.62	-25.02	6.699e+04	-6125.07	-2.581e+05
241	3	-3.856e+04	-2950.58	6.98e-04	-470.25	0.0	-567.36	-1276.20	-17.76	2.892e+04	-2950.58	-3.856e+04
		-1.539e+05	-4306.55	5.17e-05	0.0	38.2	-567.36	-1511.32	-17.76	2.892e+04	-3628.56	-9.176e+04
						76.3	-567.36	-1746.45	-17.76	2.892e+04	-4306.55	-1.539e+05
241	17	-3.658e+05	-6.871e+05	-0.01	-478.50	0.0	-2959.21	-3445.48	-3682.19	9.450e+04	-6.871e+05	-3.658e+05
		-6.468e+05	-9.596e+05	-0.02	0.0	38.2	-2959.21	-3684.73	-3682.19	9.450e+04	-8.234e+05	-5.017e+05
						76.3	-2959.21	-3923.98	-3682.19	9.450e+04	-9.596e+05	-6.468e+05
241	20	3.157e+05	9.508e+05	0.01	-478.50	0.0	1815.10	670.69	3645.89	-2.490e+04	6.811e+05	2.831e+05
		2.831e+05	6.811e+05	0.02	0.0	38.2	1815.10	431.44	3645.89	-2.490e+04	8.159e+05	3.040e+05
						76.3	1815.10	192.19	3645.89	-2.490e+04	9.508e+05	3.157e+05
241	29	-9.476e+05	-6.473e+05	-0.05	-478.50	0.0	-2057.49	-7022.29	-3722.00	7855.22	-6.473e+05	-9.476e+05
		-1.502e+06	-9.332e+05	-0.17	0.0	38.2	-2057.49	-7261.54	-3722.00	7855.22	-7.903e+05	-1.220e+06
						76.3	-2057.49	-7500.79	-3722.00	7855.22	-9.332e+05	-1.502e+06
241	30	1.037e+06	1.403e+06	0.06	-478.50	0.0	-210.40	3669.41	6052.04	1.837e+04	9.425e+05	7.753e+05
		7.753e+05	9.425e+05	0.13	0.0	38.2	-210.40	3430.16	6052.04	1.837e+04	1.173e+06	9.109e+05
						76.3	-210.40	3190.91	6052.04	1.837e+04	1.403e+06	1.037e+06
241	31	-8.580e+05	-9.485e+05	-0.06	-478.50	0.0	-933.71	-6444.20	-6088.33	5.122e+04	-9.485e+05	-8.580e+05
		-1.368e+06	-1.412e+06	-0.13	0.0	38.2	-933.71	-6683.45	-6088.33	5.122e+04	-1.180e+06	-1.109e+06
						76.3	-933.71	-6922.70	-6088.33	5.122e+04	-1.412e+06	-1.368e+06
241	32	1.171e+06	9.244e+05	0.05	-478.50	0.0	913.39	4247.50	3685.70	6.174e+04	6.413e+05	8.649e+05
		8.649e+05	6.413e+05	0.17	0.0	38.2	913.39	4008.25	3685.70	6.174e+04	7.828e+05	1.022e+06
						76.3	913.39	3769.00	3685.70	6.174e+04	9.244e+05	1.171e+06
241	49	-2.174e+05	-3.859e+05	-6.23e-03	-478.50	0.0	-1941.93	-2506.15	-2060.55	6.925e+04	-3.859e+05	-2.174e+05
		-4.268e+05	-5.382e+05	-0.01	0.0	38.2	-1941.93	-2745.40	-2060.55	6.925e+04	-4.621e+05	-3.175e+05
						76.3	-1941.93	-2984.65	-2060.55	6.925e+04	-5.382e+05	-4.268e+05
241	52	1.347e+05	5.294e+05	6.12e-03	-478.50	0.0	797.83	-268.64	2024.25	343.06	3.798e+05	1.347e+05
		9.571e+04	3.798e+05	0.01	0.0	38.2	797.83	-507.89	2024.25	343.06	4.546e+05	1.198e+05
						76.3	797.83	-747.14	2024.25	343.06	5.294e+05	9.571e+04
241	61	-5.290e+05	-3.362e+05	-0.03	-478.50	0.0	-1406.40	-4419.40	-1919.44	1.935e+04	-3.362e+05	-5.290e+05
		-8.846e+05	-4.837e+05	-0.09	0.0	38.2	-1406.40	-4658.65	-1919.44	1.935e+04	-4.100e+05	-7.023e+05
						76.3	-1406.40	-4897.90	-1919.44	1.935e+04	-4.837e+05	-8.846e+05
241	62	4.770e+05	7.517e+05	0.03	-478.50	0.0	-382.29	1312.19	3251.82	2.530e+04	5.044e+05	3.951e+05
		3.951e+05	5.044e+05	0.07	0.0	38.2	-382.29	1072.94	3251.82	2.530e+04	6.280e+05	4.406e+05
						76.3	-382.29	833.69	3251.82	2.530e+04	7.517e+05	4.770e+05
241	63	-4.778e+05	-5.105e+05	-0.03	-478.50	0.0	-761.81	-4086.98	-3288.11	4.429e+04	-5.105e+05	-4.778e+05
		-8.081e+05	-7.605e+05	-0.07	0.0	38.2	-761.81	-4326.23	-3288.11	4.429e+04	-6.355e+05	-6.384e+05
						76.3	-761.81	-4565.48	-3288.11	4.429e+04	-7.605e+05	-8.081e+05
241	64	5.536e+05	4.749e+05	0.03	-478.50	0.0	262.29	1644.62	1883.15	5.024e+04	3.302e+05	4.463e+05
		4.463e+05	3.302e+05	0.09	0.0	38.2	262.29	1405.37	1883.15	5.024e+04	4.025e+05	5.045e+05

						76.3	262.29	1166.12	1883.15	5.024e+04	4.749e+05	5.536e+05
241	69	-3.856e+04	-2950.58	6.98e-04	-470.25	0.0	-567.36	-1276.20	-17.76	2.892e+04	-2950.58	-3.856e+04
		-1.539e+05	-4306.55	5.17e-05	0.0	38.2	-567.36	-1511.32	-17.76	2.892e+04	-3628.56	-9.176e+04
						76.3	-567.36	-1746.45	-17.76	2.892e+04	-4306.55	-1.539e+05
241	70	-4.786e+04	-3203.32	1.00e-03	-497.76	0.0	-583.01	-1646.85	-19.05	4.851e+04	-3203.32	-4.786e+04
		-1.926e+05	-4657.59	5.37e-05	0.0	38.2	-583.01	-1895.73	-19.05	4.851e+04	-3930.46	-1.155e+05
						76.3	-583.01	-2144.60	-19.05	4.851e+04	-4657.59	-1.926e+05
241	71	-3.856e+04	-2950.58	6.98e-04	-470.25	0.0	-567.36	-1276.20	-17.76	2.892e+04	-2950.58	-3.856e+04
		-1.539e+05	-4306.55	5.17e-05	0.0	38.2	-567.36	-1511.32	-17.76	2.892e+04	-3628.56	-9.176e+04
						76.3	-567.36	-1746.45	-17.76	2.892e+04	-4306.55	-1.539e+05
241	72	-4.321e+04	-3076.95	8.49e-04	-484.00	0.0	-575.18	-1461.52	-18.40	3.871e+04	-3076.95	-4.321e+04
		-1.733e+05	-4482.07	5.27e-05	0.0	38.2	-575.18	-1703.52	-18.40	3.871e+04	-3779.51	-1.036e+05
						76.3	-575.18	-1945.53	-18.40	3.871e+04	-4482.07	-1.733e+05
241	73	-3.856e+04	-2950.58	6.98e-04	-470.25	0.0	-567.36	-1276.20	-17.76	2.892e+04	-2950.58	-3.856e+04
		-1.539e+05	-4306.55	5.17e-05	0.0	38.2	-567.36	-1511.32	-17.76	2.892e+04	-3628.56	-9.176e+04
						76.3	-567.36	-1746.45	-17.76	2.892e+04	-4306.55	-1.539e+05
241	74	-4.135e+04	-3026.40	7.89e-04	-478.50	0.0	-572.05	-1387.39	-18.15	3.480e+04	-3026.40	-4.135e+04
		-1.655e+05	-4411.86	5.23e-05	0.0	38.2	-572.05	-1626.64	-18.15	3.480e+04	-3719.13	-9.888e+04
						76.3	-572.05	-1865.89	-18.15	3.480e+04	-4411.86	-1.655e+05
242	1	1.613e+05	1781.63	-0.02	-819.71	0.0	-872.41	1653.79	-13.95	-1.175e+04	1781.63	3.500e+04
		3.500e+04	365.75	4.11e-04	0.0	50.8	-872.41	1244.42	-13.95	-1.175e+04	1073.69	1.086e+05
						101.5	-872.41	834.07	-13.95	-1.175e+04	365.75	1.613e+05
242	2	2.047e+05	1604.78	-0.02	-875.86	0.0	-941.74	2035.28	-12.75	-2.707e+04	1604.78	4.254e+04
		4.254e+04	310.85	2.90e-04	0.0	50.8	-941.74	1597.93	-12.75	-2.707e+04	957.81	1.348e+05
						101.5	-941.74	1159.42	-12.75	-2.707e+04	310.85	2.047e+05
242	3	1.241e+05	1370.48	-0.01	-630.55	0.0	-671.09	1272.14	-10.73	-9037.03	1370.48	2.692e+04
		2.692e+04	281.35	3.16e-04	0.0	50.8	-671.09	957.25	-10.73	-9037.03	825.91	8.351e+04
						101.5	-671.09	641.59	-10.73	-9037.03	281.35	1.241e+05
242	4	1.675e+05	1193.63	-0.02	-686.70	0.0	-740.42	1653.64	-9.53	-2.436e+04	1193.63	3.447e+04
		3.447e+04	226.45	1.95e-04	0.0	50.8	-740.42	1310.76	-9.53	-2.436e+04	710.04	1.097e+05
						101.5	-740.42	966.94	-9.53	-2.436e+04	226.45	1.675e+05
242	14	1.145e+05	-3.105e+05	-0.03	-641.78	0.0	-3158.67	1815.50	-882.08	-8.303e+04	-5.045e+05	-3.845e+04
		-3.845e+04	-5.045e+05	-0.10	0.0	50.8	-3158.67	1495.01	-882.08	-8.303e+04	-4.075e+05	4.616e+04
						101.5	-3158.67	1173.72	-882.08	-8.303e+04	-3.105e+05	1.145e+05
242	15	1.511e+05	5.071e+05	-2.97e-03	-641.78	0.0	1788.77	881.38	861.10	5.883e+04	5.071e+05	9.531e+04
		9.531e+04	3.110e+05	0.10	0.0	50.8	1788.77	560.89	861.10	5.883e+04	4.091e+05	1.313e+05
						101.5	1788.77	239.61	861.10	5.883e+04	3.110e+05	1.511e+05
242	30	-1.441e+05	-2.801e+05	-0.05	-641.78	0.0	-1106.80	4749.71	3079.56	-4.736e+04	-5.894e+05	-6.346e+05
		-6.346e+05	-5.894e+05	-0.06	0.0	50.8	-1106.80	4429.22	3079.56	-4.736e+04	-4.348e+05	-3.812e+05
						101.5	-1106.80	4107.93	3079.56	-4.736e+04	-2.801e+05	-1.441e+05
242	31	6.915e+05	5.921e+05	0.02	-641.78	0.0	-263.10	-2052.83	-3100.54	2.315e+04	5.921e+05	6.915e+05
		4.096e+05	2.806e+05	0.06	0.0	50.8	-263.10	-2373.32	-3100.54	2.315e+04	4.364e+05	5.587e+05
						101.5	-263.10	-2694.60	-3100.54	2.315e+04	2.806e+05	4.096e+05
242	34	-1.146e+05	-3.014e+05	-0.05	-641.78	0.0	-1458.02	4840.76	2066.68	-4.276e+04	-5.963e+05	-5.738e+05
		-5.738e+05	-5.963e+05	-0.04	0.0	50.8	-1458.02	4520.27	2066.68	-4.276e+04	-4.489e+05	-3.361e+05
						101.5	-1458.02	4198.99	2066.68	-4.276e+04	-3.014e+05	-1.146e+05
242	35	6.307e+05	5.990e+05	0.02	-641.78	0.0	88.11	-2143.88	-2087.65	1.856e+04	5.990e+05	6.307e+05
		3.802e+05	3.019e+05	0.04	0.0	50.8	88.11	-2464.37	-2087.65	1.856e+04	4.505e+05	5.136e+05
						101.5	88.11	-2785.66	-2087.65	1.856e+04	3.019e+05	3.802e+05
242	46	1.247e+05	-1.763e+05	-0.02	-641.78	0.0	-2110.15	1584.67	-541.66	-5.303e+04	-2.849e+05	-4255.42
		-4255.42	-2.849e+05	-0.06	0.0	50.8	-2110.15	1264.18	-541.66	-5.303e+04	-2.306e+05	6.837e+04
						101.5	-2110.15	942.89	-541.66	-5.303e+04	-1.763e+05	1.247e+05
242	47	1.408e+05	2.876e+05	-7.94e-03	-641.78	0.0	740.25	1112.21	520.68	2.883e+04	2.876e+05	6.112e+04
		6.112e+04	1.768e+05	0.06	0.0	50.8	740.25	791.72	520.68	2.883e+04	2.322e+05	1.091e+05
						101.5	740.25	470.44	520.68	2.883e+04	1.768e+05	1.408e+05
242	62	-1.649e+04	-1.506e+05	-0.04	-641.78	0.0	-926.48	3165.17	1649.67	-3.242e+04	-3.161e+05	-3.289e+05
		-3.289e+05	-3.161e+05	-0.03	0.0	50.8	-926.48	2844.68	1649.67	-3.242e+04	-2.334e+05	-1.645e+05
						101.5	-926.48	2523.40	1649.67	-3.242e+04	-1.506e+05	-1.649e+04
242	63	3.857e+05	3.188e+05	4.33e-03	-641.78	0.0	-443.42	-468.29	-1670.65	8219.50	3.188e+05	3.857e+05
		2.820e+05	1.511e+05	0.03	0.0	50.8	-443.42	-788.78	-1670.65	8219.50	2.350e+05	3.420e+05
						101.5	-443.42	-1110.07	-1670.65	8219.50	1.511e+05	2.820e+05
242	66	555.14	-1.627e+05	-0.03	-641.78	0.0	-1129.52	3217.96	1063.76	-2.978e+04	-3.198e+05	-2.938e+05
		-2.938e+05	-3.198e+05	-0.02	0.0	50.8	-1129.52	2897.46	1063.76	-2.978e+04	-2.413e+05	-1.385e+05
						101.5	-1129.52	2576.18	1063.76	-2.978e+04	-1.627e+05	555.14
242	67	3.506e+05	3.225e+05	-3.26e-03	-641.78	0.0	-240.38	-521.07	-1084.73	5574.21	3.225e+05	3.506e+05
		2.650e+05	1.633e+05	0.02	0.0	50.8	-240.38	-841.57	-1084.73	5574.21	2.429e+05	3.160e+05
						101.5	-240.38	-1162.85	-1084.73	5574.21	1.633e+05	2.650e+05
242	69	1.241e+05	1370.48	-0.01	-630.55	0.0	-671.09	1272.14	-10.73	-9037.03	1370.48	2.692e+04
		2.692e+04	281.35	3.16e-04	0.0	50.8	-671.09	957.25	-10.73	-9037.03	825.91	8.351e+04
						101.5	-671.09	641.59	-10.73	-9037.03	281.35	1.241e+05
242	70	1.530e+05	1252.58	-0.02	-667.98	0.0	-717.31	1526.47	-9.93	-1.925e+04	1252.58	3.195e+04
		3.195e+04	244.75	2.36e-04	0.0	50.8	-717.31	1192.92	-9.93	-1.925e+04	748.66	1.010e+05
						101.5	-717.31	858.49	-9.93	-1.925e+04	244.75	1.530e+05
242	71	1.241e+05	1370.48	-0.01	-630.55	0.0	-671.09	1272.14	-10.73	-9037.03	1370.48	2.692e+04
		2.692e+04	281.35	3.16e-04	0.0	50.8	-671.09	957.25	-10.73	-9037.03	825.91	8.351e+04
						101.5	-671.09	641.59	-10.73	-9037.03	281.35	1.241e+05
242	72	1.386e+05	1311.53	-0.02	-649.26	0.0	-694.20	1399.31	-10.33	-1.414e+04	1311.53	2.944e+04

		2.944e+04	263.05	2.76e-04	0.0	50.8	-694.20	1075.08	-10.33	-1.414e+04	787.29	9.224e+04
						101.5	-694.20	750.04	-10.33	-1.414e+04	263.05	1.386e+05
242	73	1.241e+05	1370.48	-0.01	-630.55	0.0	-671.09	1272.14	-10.73	-9037.03	1370.48	2.692e+04
		2.692e+04	281.35	3.16e-04	0.0	50.8	-671.09	957.25	-10.73	-9037.03	825.91	8.351e+04
						101.5	-671.09	641.59	-10.73	-9037.03	281.35	1.241e+05
242	74	1.328e+05	1335.11	-0.02	-641.78	0.0	-684.95	1348.44	-10.49	-1.210e+04	1335.11	2.843e+04
		2.843e+04	270.37	2.92e-04	0.0	50.8	-684.95	1027.95	-10.49	-1.210e+04	802.74	8.875e+04
						101.5	-684.95	706.66	-10.49	-1.210e+04	270.37	1.328e+05
243	2	2.961e+05	4884.25	0.06	-2274.41	0.0	-1687.62	-3581.25	15.89	1.068e+04	3279.70	2.961e+05
		-1.805e+05	3279.70	-2.23e-04	0.0	50.5	-1687.62	-4718.46	15.89	1.068e+04	4081.98	8.648e+04
						101.0	-1687.62	-5855.67	15.89	1.068e+04	4884.25	-1.805e+05
243	3	1.862e+05	3186.73	0.04	-1536.47	0.0	-1140.22	-2205.89	8.47	593.51	2331.59	1.862e+05
		-1.142e+05	2331.59	5.04e-05	0.0	50.5	-1140.22	-2974.12	8.47	593.51	2759.16	5.540e+04
						101.0	-1140.22	-3742.36	8.47	593.51	3186.73	-1.142e+05
243	17	5.136e+04	9.111e+04	0.05	-1591.87	0.0	-4465.21	-4004.60	-801.57	-1.483e+05	9.111e+04	5.136e+04
		-4.333e+05	-2.604e+04	-0.14	0.0	50.5	-4465.21	-4800.54	-801.57	-1.483e+05	3.253e+04	-1.709e+05
						101.0	-4465.21	-5596.47	-801.57	-1.483e+05	-2.604e+04	-4.333e+05
243	20	3.426e+05	3.271e+04	0.04	-1591.87	0.0	2102.63	-692.61	820.45	1.534e+05	-8.634e+04	3.426e+05
		1.921e+05	-8.634e+04	0.14	0.0	50.5	2102.63	-1488.55	820.45	1.534e+05	-2.682e+04	2.875e+05
						101.0	2102.63	-2284.48	820.45	1.534e+05	3.271e+04	1.921e+05
243	34	1.931e+05	-1.035e+05	0.01	-1591.87	0.0	-8684.39	-2297.98	-2256.28	3.950e+05	-1.035e+05	1.931e+05
		-1.196e+05	-2.271e+05	0.34	0.0	50.5	-8684.39	-3093.92	-2256.28	3.950e+05	-1.653e+05	5.688e+04
						101.0	-8684.39	-3889.85	-2256.28	3.950e+05	-2.271e+05	-1.196e+05
243	35	2.009e+05	2.337e+05	0.07	-1591.87	0.0	6321.82	-2399.23	2275.17	-3.898e+05	1.083e+05	2.009e+05
		-1.217e+05	1.083e+05	-0.34	0.0	50.5	6321.82	-3195.17	2275.17	-3.898e+05	1.710e+05	5.970e+04
						101.0	6321.82	-3991.10	2275.17	-3.898e+05	2.337e+05	-1.217e+05
243	49	1.133e+05	5.317e+04	0.04	-1591.87	0.0	-3164.11	-3300.07	-479.72	-7.830e+04	5.317e+04	1.133e+05
		-3.003e+05	-1.666e+04	-0.07	0.0	50.5	-3164.11	-4096.00	-479.72	-7.830e+04	1.826e+04	-7.336e+04
						101.0	-3164.11	-4891.94	-479.72	-7.830e+04	-1.666e+04	-3.003e+05
243	52	2.807e+05	2.333e+04	0.04	-1591.87	0.0	801.53	-1397.15	498.60	8.345e+04	-4.841e+04	2.807e+05
		5.904e+04	-4.841e+04	0.07	0.0	50.5	801.53	-2193.08	498.60	8.345e+04	-1.254e+04	1.899e+05
						101.0	801.53	-2989.02	498.60	8.345e+04	2.333e+04	5.904e+04
243	66	1.937e+05	-5.819e+04	0.03	-1591.87	0.0	-5214.11	-2331.31	-1225.80	2.091e+05	-5.819e+04	1.937e+05
		-1.223e+05	-1.198e+05	0.17	0.0	50.5	-5214.11	-3127.24	-1225.80	2.091e+05	-8.897e+04	5.577e+04
						101.0	-5214.11	-3923.18	-1225.80	2.091e+05	-1.198e+05	-1.223e+05
243	67	2.003e+05	1.264e+05	0.06	-1591.87	0.0	2851.53	-2365.91	1244.69	-2.039e+05	6.295e+04	2.003e+05
		-1.189e+05	6.295e+04	-0.17	0.0	50.5	2851.53	-3161.84	1244.69	-2.039e+05	9.469e+04	6.082e+04
						101.0	2851.53	-3957.78	1244.69	-2.039e+05	1.264e+05	-1.189e+05
243	69	1.862e+05	3186.73	0.04	-1536.47	0.0	-1140.22	-2205.89	8.47	593.51	2331.59	1.862e+05
		-1.142e+05	2331.59	5.04e-05	0.0	50.5	-1140.22	-2974.12	8.47	593.51	2759.16	5.540e+04
						101.0	-1140.22	-3742.36	8.47	593.51	3186.73	-1.142e+05
243	70	2.222e+05	3681.07	0.05	-1721.14	0.0	-1277.11	-2681.62	11.72	7202.41	2497.34	2.222e+05
		-1.356e+05	2497.34	-1.51e-04	0.0	50.5	-1277.11	-3542.19	11.72	7202.41	3089.20	6.504e+04
						101.0	-1277.11	-4402.76	11.72	7202.41	3681.07	-1.356e+05
243	71	1.862e+05	3186.73	0.04	-1536.47	0.0	-1140.22	-2205.89	8.47	593.51	2331.59	1.862e+05
		-1.142e+05	2331.59	5.04e-05	0.0	50.5	-1140.22	-2974.12	8.47	593.51	2759.16	5.540e+04
						101.0	-1140.22	-3742.36	8.47	593.51	3186.73	-1.142e+05
243	72	2.042e+05	3433.90	0.04	-1628.80	0.0	-1208.67	-2443.75	10.09	3897.96	2414.47	2.042e+05
		-1.249e+05	2414.47	-9.10e-05	0.0	50.5	-1208.67	-3258.16	10.09	3897.96	2924.18	6.022e+04
						101.0	-1208.67	-4072.56	10.09	3897.96	3433.90	-1.249e+05
243	73	1.862e+05	3186.73	0.04	-1536.47	0.0	-1140.22	-2205.89	8.47	593.51	2331.59	1.862e+05
		-1.142e+05	2331.59	5.04e-05	0.0	50.5	-1140.22	-2974.12	8.47	593.51	2759.16	5.540e+04
						101.0	-1140.22	-3742.36	8.47	593.51	3186.73	-1.142e+05
243	74	1.970e+05	3335.03	0.04	-1591.87	0.0	-1181.29	-2348.61	9.44	2576.18	2381.32	1.970e+05
		-1.206e+05	2381.32	-7.04e-05	0.0	50.5	-1181.29	-3144.54	9.44	2576.18	2858.17	5.829e+04
						101.0	-1181.29	-3940.48	9.44	2576.18	3335.03	-1.206e+05
244	2	2.369e+05	-2908.37	0.04	-3165.64	0.0	-2371.92	-3689.07	-24.68	4.035e+04	-2908.37	2.369e+05
		-2.938e+05	-5401.43	2.62e-03	0.0	50.5	-2371.92	-5244.61	-24.68	4.035e+04	-4154.90	1.152e+04
						101.0	-2371.92	-6854.71	-24.68	4.035e+04	-5401.43	-2.938e+05
244	3	1.494e+05	-2110.55	0.02	-2113.97	0.0	-1584.31	-2257.28	-17.39	1.507e+04	-2110.55	1.494e+05
		-1.842e+05	-3866.88	1.89e-03	0.0	50.5	-1584.31	-3296.59	-17.39	1.507e+04	-2988.71	9300.98
						101.0	-1584.31	-4371.25	-17.39	1.507e+04	-3866.88	-1.842e+05
244	18	-3.814e+04	-2.273e+04	0.02	-2197.47	0.0	-7362.02	-4129.10	820.02	7.451e+04	-7.229e+04	-3.814e+04
		-5.776e+05	-7.229e+04	0.07	0.0	50.5	-7362.02	-5209.30	820.02	7.451e+04	-4.751e+04	-2.801e+05
						101.0	-7362.02	-6326.57	820.02	7.451e+04	-2.273e+04	-5.776e+05
244	20	3.670e+05	-1.180e+05	0.03	-2197.47	0.0	197.23	-799.25	-444.63	1.199e+05	-1.180e+05	3.670e+05
		1.638e+05	-1.330e+05	0.02	0.0	50.5	197.23	-1879.44	-444.63	1.199e+05	-1.255e+05	2.931e+05
						101.0	197.23	-2996.71	-444.63	1.199e+05	-1.330e+05	1.638e+05
244	29	1.132e+05	3.233e+05	0.03	-2197.47	0.0	4124.37	-2415.03	-556.74	-2.487e+05	3.233e+05	1.132e+05
		-1.981e+05	2.547e+05	-0.12	0.0	50.5	4124.37	-3495.23	-556.74	-2.487e+05	2.890e+05	-1.475e+04
						101.0	4124.37	-4612.50	-556.74	-2.487e+05	2.547e+05	-1.981e+05
244	32	2.027e+05	-2.626e+05	0.02	-2197.47	0.0	-7417.92	-2401.37	521.13	2.871e+05	-3.276e+05	2.027e+05
		-1.919e+05	-3.276e+05	0.12	0.0	50.5	-7417.92	-3481.57	521.13	2.871e+05	-2.951e+05	3.312e+04
						101.0	-7417.92	-4598.84	521.13	2.871e+05	-2.626e+05	-1.919e+05
244	34	1.188e+05	-2.338e+05	0.02	-2197.47	0.0	-9232.72	-3094.26	856.89	2.723e+05	-3.052e+05	1.188e+05
		-3.458e+05	-3.052e+05	0.14	0.0	50.5	-9232.72	-4174.45	856.89	2.723e+05	-2.695e+05	-8.577e+04
						101.0	-9232.72	-5291.72	856.89	2.723e+05	-2.338e+05	-3.458e+05

244	35	1.971e+05	3.010e+05	0.03	-2197.47	0.0	5939.17	-1722.15	-892.50	-2.338e+05	3.010e+05	1.971e+05
		-4.426e+04	2.259e+05	-0.14	0.0	50.5	5939.17	-2802.34	-892.50	-2.338e+05	2.634e+05	1.041e+05
						101.0	5939.17	-3919.61	-892.50	-2.338e+05	2.259e+05	-4.426e+04
244	50	4.480e+04	-1.216e+04	0.02	-2197.47	0.0	-4847.11	-3399.76	456.16	4.772e+04	-3.908e+04	4.480e+04
		-4.156e+05	-3.908e+04	0.04	0.0	50.5	-4847.11	-4479.96	456.16	4.772e+04	-2.562e+04	-1.576e+05
						101.0	-4847.11	-5597.23	456.16	4.772e+04	-1.216e+04	-4.156e+05
244	52	2.785e+05	-6.476e+04	0.03	-2197.47	0.0	-487.24	-1478.93	-274.58	7.368e+04	-6.476e+04	2.785e+05
		1.207e+04	-7.541e+04	9.00e-03	0.0	50.5	-487.24	-2559.12	-274.58	7.368e+04	-7.008e+04	1.730e+05
						101.0	-487.24	-3676.39	-274.58	7.368e+04	-7.541e+04	1.207e+04
244	61	1.322e+05	1.724e+05	0.03	-2197.47	0.0	1361.36	-2416.14	-295.35	-1.236e+05	1.724e+05	1.322e+05
		-1.973e+05	1.357e+05	-0.06	0.0	50.5	1361.36	-3496.34	-295.35	-1.236e+05	1.541e+05	-4815.03
						101.0	1361.36	-4613.61	-295.35	-1.236e+05	1.357e+05	-1.973e+05
244	64	1.837e+05	-1.436e+05	0.02	-2197.47	0.0	-4654.91	-2400.26	259.74	1.620e+05	-1.767e+05	1.837e+05
		-1.928e+05	-1.767e+05	0.07	0.0	50.5	-4654.91	-3480.46	259.74	1.620e+05	-1.602e+05	-2.319e+04
						101.0	-4654.91	-4597.73	259.74	1.620e+05	-1.436e+05	-1.928e+05
244	66	1.353e+05	-1.273e+05	0.02	-2197.47	0.0	-5702.08	-2800.13	453.79	1.536e+05	-1.642e+05	1.353e+05
		-2.816e+05	-1.642e+05	0.08	0.0	50.5	-5702.08	-3880.33	453.79	1.536e+05	-1.457e+05	-4.542e+04
						101.0	-5702.08	-4997.60	453.79	1.536e+05	-1.273e+05	-2.816e+05
244	67	1.806e+05	1.599e+05	0.03	-2197.47	0.0	2408.53	-2016.27	-489.40	-1.151e+05	1.599e+05	1.806e+05
		-1.085e+05	1.194e+05	-0.07	0.0	50.5	2408.53	-3096.47	-489.40	-1.151e+05	1.397e+05	6.379e+04
						101.0	2408.53	-4213.74	-489.40	-1.151e+05	1.194e+05	-1.085e+05
244	69	1.494e+05	-2110.55	0.02	-2113.97	0.0	-1584.31	-2257.28	-17.39	1.507e+04	-2110.55	1.494e+05
		-1.842e+05	-3866.88	1.89e-03	0.0	50.5	-1584.31	-3296.59	-17.39	1.507e+04	-2988.71	9300.98
						101.0	-1584.31	-4371.25	-17.39	1.507e+04	-3866.88	-1.842e+05
244	70	1.778e+05	-2220.32	0.03	-2392.29	0.0	-1792.52	-2760.35	-18.77	2.891e+04	-2220.32	1.778e+05
		-2.204e+05	-4116.53	2.00e-03	0.0	50.5	-1792.52	-3935.95	-18.77	2.891e+04	-3168.43	8917.48
						101.0	-1792.52	-5152.64	-18.77	2.891e+04	-4116.53	-2.204e+05
244	71	1.494e+05	-2110.55	0.02	-2113.97	0.0	-1584.31	-2257.28	-17.39	1.507e+04	-2110.55	1.494e+05
		-1.842e+05	-3866.88	1.89e-03	0.0	50.5	-1584.31	-3296.59	-17.39	1.507e+04	-2988.71	9300.98
						101.0	-1584.31	-4371.25	-17.39	1.507e+04	-3866.88	-1.842e+05
244	72	1.636e+05	-2165.43	0.03	-2253.13	0.0	-1688.42	-2508.81	-18.08	2.199e+04	-2165.43	1.636e+05
		-2.023e+05	-3991.71	1.94e-03	0.0	50.5	-1688.42	-3616.27	-18.08	2.199e+04	-3078.57	9109.23
						101.0	-1688.42	-4761.94	-18.08	2.199e+04	-3991.71	-2.023e+05
244	73	1.494e+05	-2110.55	0.02	-2113.97	0.0	-1584.31	-2257.28	-17.39	1.507e+04	-2110.55	1.494e+05
		-1.842e+05	-3866.88	1.89e-03	0.0	50.5	-1584.31	-3296.59	-17.39	1.507e+04	-2988.71	9300.98
						101.0	-1584.31	-4371.25	-17.39	1.507e+04	-3866.88	-1.842e+05
244	74	1.579e+05	-2143.48	0.02	-2197.47	0.0	-1646.78	-2408.20	-17.80	1.922e+04	-2143.48	1.579e+05
		-1.950e+05	-3941.78	1.92e-03	0.0	50.5	-1646.78	-3488.40	-17.80	1.922e+04	-3042.63	9185.93
						101.0	-1646.78	-4605.67	-17.80	1.922e+04	-3941.78	-1.950e+05
245	2	1.232e+05	213.65	0.06	-3416.30	0.0	-3205.02	-5887.44	10.62	4.832e+04	-859.24	1.232e+05
		-6.440e+05	-859.24	-1.38e-03	0.0	50.5	-3205.02	-7595.59	10.62	4.832e+04	-322.80	-2.173e+05
						101.0	-3205.02	-9303.74	10.62	4.832e+04	213.65	-6.440e+05
245	3	7.801e+04	83.25	0.04	-2276.40	0.0	-2134.16	-3666.87	7.27	1.693e+04	-650.88	7.801e+04
		-4.073e+05	-650.88	-9.47e-04	0.0	50.5	-2134.16	-4805.07	7.27	1.693e+04	-283.81	-1.359e+05
						101.0	-2134.16	-5943.26	7.27	1.693e+04	83.25	-4.073e+05
245	18	-1.867e+05	-5.443e+04	0.03	-2367.79	0.0	-6257.24	-5624.85	334.92	2.609e+04	-9.653e+04	-1.867e+05
		-8.744e+05	-9.653e+04	-0.04	0.0	50.5	-6257.24	-6808.74	334.92	2.609e+04	-7.548e+04	-5.007e+05
						101.0	-6257.24	-7992.64	334.92	2.609e+04	-5.443e+04	-8.744e+05
245	19	3.515e+05	9.522e+04	0.06	-2367.79	0.0	1816.68	-2157.09	-319.91	1.830e+04	9.522e+04	3.515e+05
		1.397e+04	5.464e+04	0.04	0.0	50.5	1816.68	-3340.99	-319.91	1.830e+04	7.493e+04	2.126e+05
						101.0	1816.68	-4524.89	-319.91	1.830e+04	5.464e+04	1.397e+04
245	22	3.616e+04	-1.922e+05	0.04	-2367.79	0.0	-8710.59	-4202.30	1295.10	1.071e+05	-3.216e+05	3.616e+04
		-5.077e+05	-3.216e+05	-0.07	0.0	50.5	-8710.59	-5386.20	1295.10	1.071e+05	-2.569e+05	-2.059e+05
						101.0	-8710.59	-6570.09	1295.10	1.071e+05	-1.922e+05	-5.077e+05
245	23	1.286e+05	3.203e+05	0.04	-2367.79	0.0	4270.03	-3579.64	-1280.10	-6.274e+04	3.203e+05	1.286e+05
		-3.527e+05	1.924e+05	0.07	0.0	50.5	4270.03	-4763.54	-1280.10	-6.274e+04	2.564e+05	-8.218e+04
						101.0	4270.03	-5947.44	-1280.10	-6.274e+04	1.924e+05	-3.527e+05
245	26	-1.185e+04	-1.848e+05	0.04	-2367.79	0.0	-8973.07	-4510.85	1299.87	9.500e+04	-3.169e+05	-1.185e+04
		-5.869e+05	-3.169e+05	-0.06	0.0	50.5	-8973.07	-5694.75	1299.87	9.500e+04	-2.509e+05	-2.695e+05
						101.0	-8973.07	-6878.65	1299.87	9.500e+04	-1.848e+05	-5.869e+05
245	27	1.766e+05	3.156e+05	0.05	-2367.79	0.0	4532.51	-3271.09	-1284.86	-5.061e+04	3.156e+05	1.766e+05
		-2.735e+05	1.850e+05	0.06	0.0	50.5	4532.51	-4454.98	-1284.86	-5.061e+04	2.503e+05	-1.858e+04
						101.0	4532.51	-5638.88	-1284.86	-5.061e+04	1.850e+05	-2.735e+05
245	50	-7.262e+04	-2.981e+04	0.04	-2367.79	0.0	-4458.13	-4889.20	178.79	2.448e+04	-5.254e+04	-7.262e+04
		-6.860e+05	-5.254e+04	-0.02	0.0	50.5	-4458.13	-6073.10	178.79	2.448e+04	-4.118e+04	-3.494e+05
						101.0	-4458.13	-7257.00	178.79	2.448e+04	-2.981e+04	-6.860e+05
245	51	2.373e+05	5.123e+04	0.05	-2367.79	0.0	17.57	-2892.74	-163.78	1.990e+04	5.123e+04	2.373e+05
		-1.744e+05	3.002e+04	0.02	0.0	50.5	17.57	-4076.63	-163.78	1.990e+04	4.063e+04	6.136e+04
						101.0	17.57	-5260.53	-163.78	1.990e+04	3.002e+04	-1.744e+05
245	54	5.594e+04	-1.046e+05	0.04	-2367.79	0.0	-5661.61	-4068.34	696.45	6.896e+04	-1.741e+05	5.594e+04
		-4.744e+05	-1.741e+05	-0.04	0.0	50.5	-5661.61	-5252.24	696.45	6.896e+04	-1.394e+05	-1.794e+05
						101.0	-5661.61	-6436.13	696.45	6.896e+04	-1.046e+05	-4.744e+05
245	55	1.088e+05	1.728e+05	0.04	-2367.79	0.0	1221.05	-3713.60	-681.45	-2.457e+04	1.728e+05	1.088e+05
		-3.859e+05	1.048e+05	0.04	0.0	50.5	1221.05	-4897.50	-681.45	-2.457e+04	1.388e+05	-1.087e+05
						101.0	1221.05	-6081.40	-681.45	-2.457e+04	1.048e+05	-3.859e+05
245	58	2.827e+04	-1.005e+05	0.04	-2367.79	0.0	-5813.42	-4246.12	698.02	6.226e+04	-1.715e+05	2.827e+04
		-5.201e+05	-1.715e+05	-0.03	0.0	50.5	-5813.42	-5430.02	698.02	6.226e+04	-1.360e+05	-2.160e+05

						101.0	-5813.42	-6613.92	698.02	6.226e+04	-1.005e+05	-5.201e+05
245	59	1.365e+05	1.702e+05	0.05	-2367.79	0.0	1372.87	-3535.82	-683.01	-1.787e+04	1.702e+05	1.365e+05
		-3.403e+05	1.007e+05	0.03	0.0	50.5	1372.87	-4719.71	-683.01	-1.787e+04	1.354e+05	-7.204e+04
						101.0	1372.87	-5903.61	-683.01	-1.787e+04	1.007e+05	-3.403e+05
245	69	7.801e+04	83.25	0.04	-2276.40	0.0	-2134.16	-3666.87	7.27	1.693e+04	-650.88	7.801e+04
		-4.073e+05	-650.88	-9.47e-04	0.0	50.5	-2134.16	-4805.07	7.27	1.693e+04	-283.81	-1.359e+05
						101.0	-2134.16	-5943.26	7.27	1.693e+04	83.25	-4.073e+05
245	70	9.252e+04	153.53	0.05	-2581.05	0.0	-2421.24	-4413.88	8.05	3.447e+04	-659.61	9.252e+04
		-4.836e+05	-659.61	-1.05e-03	0.0	50.5	-2421.24	-5704.40	8.05	3.447e+04	-253.04	-1.630e+05
						101.0	-2421.24	-6994.93	8.05	3.447e+04	153.53	-4.836e+05
245	71	7.801e+04	83.25	0.04	-2276.40	0.0	-2134.16	-3666.87	7.27	1.693e+04	-650.88	7.801e+04
		-4.073e+05	-650.88	-9.47e-04	0.0	50.5	-2134.16	-4805.07	7.27	1.693e+04	-283.81	-1.359e+05
						101.0	-2134.16	-5943.26	7.27	1.693e+04	83.25	-4.073e+05
245	72	8.527e+04	118.39	0.04	-2428.72	0.0	-2277.70	-4040.37	7.66	2.570e+04	-655.24	8.527e+04
		-4.455e+05	-655.24	-9.98e-04	0.0	50.5	-2277.70	-5254.73	7.66	2.570e+04	-268.43	-1.494e+05
						101.0	-2277.70	-6469.10	7.66	2.570e+04	118.39	-4.455e+05
245	73	7.801e+04	83.25	0.04	-2276.40	0.0	-2134.16	-3666.87	7.27	1.693e+04	-650.88	7.801e+04
		-4.073e+05	-650.88	-9.47e-04	0.0	50.5	-2134.16	-4805.07	7.27	1.693e+04	-283.81	-1.359e+05
						101.0	-2134.16	-5943.26	7.27	1.693e+04	83.25	-4.073e+05
245	74	8.237e+04	104.33	0.04	-2367.79	0.0	-2220.28	-3890.97	7.50	2.219e+04	-653.50	8.237e+04
		-4.302e+05	-653.50	-9.77e-04	0.0	50.5	-2220.28	-5074.87	7.50	2.219e+04	-274.58	-1.440e+05
						101.0	-2220.28	-6258.76	7.50	2.219e+04	104.33	-4.302e+05
246	1	-1.501e+05	957.97	0.04	-2959.32	0.0	-2695.54	-6007.12	3.35	2.754e+04	620.10	-1.501e+05
		-9.063e+05	620.10	-1.31e-03	0.0	50.5	-2695.54	-7486.78	3.35	2.754e+04	789.03	-4.908e+05
						101.0	-2695.54	-8966.44	3.35	2.754e+04	957.97	-9.063e+05
246	2	-1.791e+05	915.57	0.05	-3416.30	0.0	-3103.95	-7381.79	3.10	5.986e+04	602.73	-1.791e+05
		-1.097e+06	602.73	-1.41e-03	0.0	50.5	-3103.95	-9089.94	3.10	5.986e+04	759.15	-5.950e+05
						101.0	-3103.95	-1.080e+04	3.10	5.986e+04	915.57	-1.097e+06
246	3	-1.155e+05	736.90	0.03	-2276.40	0.0	-2073.49	-4620.86	2.57	2.118e+04	477.00	-1.155e+05
		-6.971e+05	477.00	-1.01e-03	0.0	50.5	-2073.49	-5759.06	2.57	2.118e+04	606.95	-3.776e+05
						101.0	-2073.49	-6897.26	2.57	2.118e+04	736.90	-6.971e+05
246	4	-1.444e+05	694.50	0.04	-2733.38	0.0	-2481.91	-5995.53	2.33	5.351e+04	459.63	-1.444e+05
		-8.880e+05	459.63	-1.11e-03	0.0	50.5	-2481.91	-7362.22	2.33	5.351e+04	577.06	-4.817e+05
						101.0	-2481.91	-8728.91	2.33	5.351e+04	694.50	-8.880e+05
246	18	-4.429e+05	1.202e+05	0.02	-2367.79	0.0	-4873.90	-6610.28	726.37	-5.058e+04	3.143e+04	-4.429e+05
		-1.230e+06	3.143e+04	-0.09	0.0	50.5	-4873.90	-7794.18	726.37	-5.058e+04	7.584e+04	-8.066e+05
						101.0	-4873.90	-8978.08	726.37	-5.058e+04	1.202e+05	-1.230e+06
246	19	2.004e+05	-3.049e+04	0.06	-2367.79	0.0	563.55	-3181.31	-721.32	1.059e+05	-3.049e+04	2.004e+05
		-2.405e+05	-1.188e+05	0.08	0.0	50.5	563.55	-4365.21	-721.32	1.059e+05	-7.464e+04	9810.59
						101.0	563.55	-5549.11	-721.32	1.059e+05	-1.188e+05	-2.405e+05
246	26	-2.332e+05	1.454e+05	0.03	-2367.79	0.0	-8260.00	-5510.85	2183.23	-2.501e+05	-7.848e+04	-2.332e+05
		-9.091e+05	-7.848e+04	-0.32	0.0	50.5	-8260.00	-6694.75	2183.23	-2.501e+05	3.348e+04	-5.413e+05
						101.0	-8260.00	-7878.64	2183.23	-2.501e+05	1.454e+05	-9.091e+05
246	27	-9336.61	7.943e+04	0.03	-2367.79	0.0	3949.65	-4280.75	-2178.18	3.054e+05	7.943e+04	-9336.61
		-5.615e+05	-1.440e+05	0.32	0.0	50.5	3949.65	-5464.64	-2178.18	3.054e+05	-3.228e+04	-2.555e+05
						101.0	3949.65	-6648.54	-2178.18	3.054e+05	-1.440e+05	-5.615e+05
246	34	-2.494e+05	1.817e+05	0.03	-2367.79	0.0	-7965.65	-5600.68	1766.48	-2.779e+05	-7.835e+04	-2.494e+05
		-9.345e+05	-7.835e+04	-0.31	0.0	50.5	-7965.65	-6784.58	1766.48	-2.779e+05	5.170e+04	-5.621e+05
						101.0	-7965.65	-7968.48	1766.48	-2.779e+05	1.817e+05	-9.345e+05
246	35	6827.06	7.929e+04	0.04	-2367.79	0.0	3655.30	-4190.91	-1761.44	3.332e+05	7.929e+04	6827.06
		-5.361e+05	-1.803e+05	0.31	0.0	50.5	3655.30	-5374.81	-1761.44	3.332e+05	-5.050e+04	-2.347e+05
						101.0	3655.30	-6558.70	-1761.44	3.332e+05	-1.803e+05	-5.361e+05
246	50	-3.065e+05	6.767e+04	0.02	-2367.79	0.0	-3639.71	-5882.95	393.22	-1.348e+04	1.844e+04	-3.065e+05
		-1.020e+06	1.844e+04	-0.05	0.0	50.5	-3639.71	-7066.84	393.22	-1.348e+04	4.306e+04	-6.335e+05
						101.0	-3639.71	-8250.74	393.22	-1.348e+04	6.767e+04	-1.020e+06
246	51	6.401e+04	-1.749e+04	0.05	-2367.79	0.0	-670.64	-3908.65	-388.17	6.878e+04	-1.749e+04	6.401e+04
		-4.503e+05	-6.621e+04	0.04	0.0	50.5	-670.64	-5092.55	-388.17	6.878e+04	-4.185e+04	-1.633e+05
						101.0	-670.64	-6276.44	-388.17	6.878e+04	-6.621e+04	-4.503e+05
246	58	-1.856e+05	7.880e+04	0.03	-2367.79	0.0	-5389.02	-5247.75	1158.85	-1.201e+05	-4.044e+04	-1.856e+05
		-8.351e+05	-4.044e+04	-0.17	0.0	50.5	-5389.02	-6431.64	1158.85	-1.201e+05	1.918e+04	-4.804e+05
						101.0	-5389.02	-7615.54	1158.85	-1.201e+05	7.880e+04	-8.351e+05
246	59	-5.694e+04	4.139e+04	0.03	-2367.79	0.0	1078.67	-4543.85	-1153.80	1.754e+05	4.139e+04	-5.694e+04
		-6.356e+05	-7.734e+04	0.17	0.0	50.5	1078.67	-5727.75	-1153.80	1.754e+05	-1.798e+04	-3.164e+05
						101.0	1078.67	-6911.64	-1153.80	1.754e+05	-7.734e+04	-6.356e+05
246	66	-1.943e+05	9.833e+04	0.03	-2367.79	0.0	-5233.76	-5296.11	938.62	-1.344e+05	-4.471e+04	-1.943e+05
		-8.487e+05	-4.471e+04	-0.16	0.0	50.5	-5233.76	-6480.01	938.62	-1.344e+05	2.681e+04	-4.916e+05
						101.0	-5233.76	-7663.90	938.62	-1.344e+05	9.833e+04	-8.487e+05
246	67	-4.825e+04	4.566e+04	0.03	-2367.79	0.0	923.41	-4495.48	-933.57	1.897e+05	4.566e+04	-4.825e+04
		-6.219e+05	-9.688e+04	0.16	0.0	50.5	923.41	-5679.38	-933.57	1.897e+05	-2.561e+04	-3.052e+05
						101.0	923.41	-6863.28	-933.57	1.897e+05	-9.688e+04	-6.219e+05
246	69	-1.155e+05	736.90	0.03	-2276.40	0.0	-2073.49	-4620.86	2.57	2.118e+04	477.00	-1.155e+05
		-6.971e+05	477.00	-1.01e-03	0.0	50.5	-2073.49	-5759.06	2.57	2.118e+04	606.95	-3.776e+05
						101.0	-2073.49	-6897.26	2.57	2.118e+04	736.90	-6.971e+05
246	70	-1.348e+05	708.63	0.04	-2581.05	0.0	-2345.77	-5537.31	2.41	4.273e+04	465.42	-1.348e+05
		-8.244e+05	465.42	-1.07e-03	0.0	50.5	-2345.77	-6827.84	2.41	4.273e+04	587.03	-4.470e+05
						101.0	-2345.77	-8118.36	2.41	4.273e+04	708.63	-8.244e+05
246	71	-1.155e+05	736.90	0.03	-2276.40	0.0	-2073.49	-4620.86	2.57	2.118e+04	477.00	-1.155e+05

		-6.971e+05	477.00	-1.01e-03	0.0	50.5	-2073.49	-5759.06	2.57	2.118e+04	606.95	-3.776e+05
						101.0	-2073.49	-6897.26	2.57	2.118e+04	736.90	-6.971e+05
246	72	-1.251e+05	722.77	0.03	-2428.72	0.0	-2209.63	-5079.09	2.49	3.196e+04	471.21	-1.251e+05
		-7.608e+05	471.21	-1.04e-03	0.0	50.5	-2209.63	-6293.45	2.49	3.196e+04	596.99	-4.123e+05
						101.0	-2209.63	-7507.81	2.49	3.196e+04	722.77	-7.608e+05
246	73	-1.155e+05	736.90	0.03	-2276.40	0.0	-2073.49	-4620.86	2.57	2.118e+04	477.00	-1.155e+05
		-6.971e+05	477.00	-1.01e-03	0.0	50.5	-2073.49	-5759.06	2.57	2.118e+04	606.95	-3.776e+05
						101.0	-2073.49	-6897.26	2.57	2.118e+04	736.90	-6.971e+05
246	74	-1.213e+05	728.42	0.03	-2367.79	0.0	-2155.18	-4895.80	2.52	2.765e+04	473.52	-1.213e+05
		-7.353e+05	473.52	-1.03e-03	0.0	50.5	-2155.18	-6079.69	2.52	2.765e+04	600.97	-3.984e+05
						101.0	-2155.18	-7263.59	2.52	2.765e+04	728.42	-7.353e+05
247	2	5.736e+05	1476.72	0.12	-3416.30	0.0	-2610.39	-3403.12	2.44	7.292e+04	1230.60	5.736e+05
		5.739e+04	1230.60	-6.20e-04	0.0	50.5	-2610.39	-5111.27	2.44	7.292e+04	1353.66	5.739e+04
						101.0	-2610.39	-6819.42	2.44	7.292e+04	1476.72	5.739e+04
247	3	3.670e+05	1097.97	0.07	-2276.40	0.0	-1743.45	-2085.26	2.33	3.165e+04	862.24	3.670e+05
		4.141e+04	862.24	-5.38e-04	0.0	50.5	-1743.45	-3223.46	2.33	3.165e+04	980.10	2.329e+05
						101.0	-1743.45	-4361.66	2.33	3.165e+04	1097.97	4.141e+04
247	14	1.856e+05	-1134.90	0.08	-2367.79	0.0	-4500.58	-3976.94	293.24	-6.355e+04	-1.581e+04	1.856e+05
		-3.355e+05	-1.581e+04	-0.09	0.0	50.5	-4500.58	-5160.84	293.24	-6.355e+04	-8470.09	-4.506e+04
						101.0	-4500.58	-6344.73	293.24	-6.355e+04	-1134.90	-3.355e+05
247	15	5.870e+05	1.757e+04	0.08	-2367.79	0.0	876.11	-470.49	-288.81	1.396e+05	1.757e+04	5.870e+05
		4.197e+05	3350.58	0.09	0.0	50.5	876.11	-1654.39	-288.81	1.396e+05	1.046e+05	5.333e+05
						101.0	876.11	-2838.29	-288.81	1.396e+05	3350.58	4.197e+05
247	25	3.935e+05	-5.248e+05	0.05	-2367.79	0.0	2746.33	-2236.40	-2854.65	4.396e+05	-5.248e+05	3.935e+05
		4.734e+04	-7.560e+05	0.22	0.0	50.5	2746.33	-3420.30	-2854.65	4.396e+05	-6.404e+05	2.503e+05
						101.0	2746.33	-4604.19	-2854.65	4.396e+05	-7.560e+05	4.734e+04
247	26	2.698e+05	6.319e+05	0.10	-2367.79	0.0	-7097.84	-3178.21	2547.50	-3.531e+05	4.306e+05	2.698e+05
		-1.701e+05	4.306e+05	-0.23	0.0	50.5	-7097.84	-4362.10	2547.50	-3.531e+05	5.313e+05	7.976e+04
						101.0	-7097.84	-5546.00	2547.50	-3.531e+05	6.319e+05	-1.701e+05
247	27	5.028e+05	-4.288e+05	0.06	-2367.79	0.0	3473.37	-1269.23	-2543.07	4.292e+05	-4.288e+05	5.028e+05
		2.543e+05	-6.297e+05	0.23	0.0	50.5	3473.37	-2453.12	-2543.07	4.292e+05	-5.293e+05	4.084e+05
						101.0	3473.37	-3637.02	-2543.07	4.292e+05	-6.297e+05	2.543e+05
247	28	3.791e+05	7.582e+05	0.10	-2367.79	0.0	-6370.80	-2211.03	2859.08	-3.635e+05	5.266e+05	3.791e+05
		3.691e+04	5.266e+05	-0.22	0.0	50.5	-6370.80	-3394.93	2859.08	-3.635e+05	6.424e+05	2.379e+05
						101.0	-6370.80	-4578.83	2859.08	-3.635e+05	7.582e+05	3.691e+04
247	46	2.712e+05	-1.022e+04	0.08	-2367.79	0.0	-3289.10	-3228.58	134.24	-1.516e+04	-1.430e+04	2.712e+05
		-1.743e+05	-1.430e+04	-0.05	0.0	50.5	-3289.10	-4412.48	134.24	-1.516e+04	-1.226e+04	7.835e+04
						101.0	-3289.10	-5596.37	134.24	-1.516e+04	-1.022e+04	-1.743e+05
247	47	5.014e+05	1.607e+04	0.08	-2367.79	0.0	-335.37	-1218.85	-129.81	9.117e+04	1.607e+04	5.014e+05
		2.585e+05	1.243e+04	0.05	0.0	50.5	-335.37	-2402.75	-129.81	9.117e+04	1.425e+04	4.098e+05
						101.0	-335.37	-3586.65	-129.81	9.117e+04	1.243e+04	2.585e+05
247	57	3.881e+05	-2.837e+05	0.07	-2367.79	0.0	572.78	-2252.30	-1527.08	2.498e+05	-2.837e+05	3.881e+05
		4.061e+04	-4.023e+05	0.11	0.0	50.5	572.78	-3436.19	-1527.08	2.498e+05	-3.430e+05	2.442e+05
						101.0	572.78	-4620.09	-1527.08	2.498e+05	-4.023e+05	4.061e+04
247	58	3.215e+05	3.317e+05	0.09	-2367.79	0.0	-4616.35	-2752.99	1351.64	-1.681e+05	2.301e+05	3.215e+05
		-7.575e+04	2.301e+05	-0.12	0.0	50.5	-4616.35	-3936.89	1351.64	-1.681e+05	2.809e+05	1.528e+05
						101.0	-4616.35	-5120.78	1351.64	-1.681e+05	3.317e+05	-7.575e+04
247	59	4.511e+05	-2.283e+05	0.07	-2367.79	0.0	991.88	-1694.44	-1347.21	2.441e+05	-2.283e+05	4.511e+05
		1.600e+05	-3.295e+05	0.12	0.0	50.5	991.88	-2878.34	-1347.21	2.441e+05	-2.789e+05	3.354e+05
						101.0	991.88	-4062.24	-1347.21	2.441e+05	-3.295e+05	1.600e+05
247	60	3.845e+05	4.045e+05	0.09	-2367.79	0.0	-4197.25	-2195.14	1531.51	-1.738e+05	2.855e+05	3.845e+05
		4.364e+04	2.855e+05	-0.11	0.0	50.5	-4197.25	-3379.03	1531.51	-1.738e+05	3.450e+05	2.440e+05
						101.0	-4197.25	-4562.93	1531.51	-1.738e+05	4.045e+05	4.364e+04
247	69	3.670e+05	1097.97	0.07	-2276.40	0.0	-1743.45	-2085.26	2.33	3.165e+04	862.24	3.670e+05
		4.141e+04	862.24	-5.38e-04	0.0	50.5	-1743.45	-3223.46	2.33	3.165e+04	980.10	2.329e+05
						101.0	-1743.45	-4361.66	2.33	3.165e+04	1097.97	4.141e+04
247	70	4.313e+05	1130.88	0.09	-2581.05	0.0	-1972.72	-2546.78	1.94	5.284e+04	935.36	4.313e+05
		4.378e+04	935.36	-4.85e-04	0.0	50.5	-1972.72	-3837.31	1.94	5.284e+04	1033.12	2.701e+05
						101.0	-1972.72	-5127.83	1.94	5.284e+04	1130.88	4.378e+04
247	71	3.670e+05	1097.97	0.07	-2276.40	0.0	-1743.45	-2085.26	2.33	3.165e+04	862.24	3.670e+05
		4.141e+04	862.24	-5.38e-04	0.0	50.5	-1743.45	-3223.46	2.33	3.165e+04	980.10	2.329e+05
						101.0	-1743.45	-4361.66	2.33	3.165e+04	1097.97	4.141e+04
247	72	3.992e+05	1114.42	0.08	-2428.72	0.0	-1858.09	-2316.02	2.13	4.224e+04	898.80	3.992e+05
		4.260e+04	898.80	-5.11e-04	0.0	50.5	-1858.09	-3530.38	2.13	4.224e+04	1006.61	2.515e+05
						101.0	-1858.09	-4744.75	2.13	4.224e+04	1114.42	4.260e+04
247	73	3.670e+05	1097.97	0.07	-2276.40	0.0	-1743.45	-2085.26	2.33	3.165e+04	862.24	3.670e+05
		4.141e+04	862.24	-5.38e-04	0.0	50.5	-1743.45	-3223.46	2.33	3.165e+04	980.10	2.329e+05
						101.0	-1743.45	-4361.66	2.33	3.165e+04	1097.97	4.141e+04
247	74	3.863e+05	1107.84	0.08	-2367.79	0.0	-1812.24	-2223.72	2.21	3.801e+04	884.18	3.863e+05
		4.212e+04	884.18	-5.22e-04	0.0	50.5	-1812.24	-3407.61	2.21	3.801e+04	996.01	2.441e+05
						101.0	-1812.24	-4591.51	2.21	3.801e+04	1107.84	4.212e+04
248	2	6.389e+05	3151.22	0.12	-3185.91	0.0	-1887.48	-2772.08	10.15	-6.735e+04	2126.46	6.389e+05
		1.980e+05	2126.46	-1.19e-03	0.0	50.5	-1887.48	-4365.03	10.15	-6.735e+04	2638.84	4.587e+05
						101.0	-1887.48	-5957.99	10.15	-6.735e+04	3151.22	1.980e+05
248	3	4.105e+05	2083.05	0.08	-2127.11	0.0	-1261.40	-1671.80	6.41	-2.779e+04	1435.42	4.105e+05
		1.342e+05	1435.42	-8.16e-04	0.0	50.5	-1261.40	-2735.36	6.41	-2.779e+04	1759.23	2.992e+05
						101.0	-1261.40	-3798.91	6.41	-2.779e+04	2083.05	1.342e+05

248	5	2.273e+05	4.053e+05	0.08	-2211.24	0.0	2025.15	-3988.30	721.29	4.183e+04	3.199e+05	2.273e+05
		-2.860e+05	3.199e+05	0.13	0.0	50.5	2025.15	-5093.92	721.29	4.183e+04	3.626e+05	-1465.45
						101.0	2025.15	-6199.54	721.29	4.183e+04	4.053e+05	-2.860e+05
248	6	2.559e+05	7.417e+05	0.07	-2211.24	0.0	4183.54	-3764.70	2139.09	-1.874e+05	5.459e+05	2.559e+05
		-2.353e+05	5.459e+05	-0.02	0.0	50.5	4183.54	-4870.33	2139.09	-1.874e+05	6.438e+05	3.823e+04
						101.0	4183.54	-5975.95	2139.09	-1.874e+05	7.417e+05	-2.353e+05
248	7	6.078e+05	-5.429e+05	0.09	-2211.24	0.0	-6805.42	181.61	-2125.54	1.194e+05	-5.429e+05	6.071e+05
		5.131e+05	-7.374e+05	0.02	0.0	50.5	-6805.42	-924.01	-2125.54	1.194e+05	-6.401e+05	5.881e+05
						101.0	-6805.42	-2029.63	-2125.54	1.194e+05	-7.374e+05	5.131e+05
248	8	6.393e+05	-3.169e+05	0.07	-2211.24	0.0	-4647.02	405.20	-707.74	-1.099e+05	-3.169e+05	6.358e+05
		5.639e+05	-4.010e+05	-0.14	0.0	50.5	-4647.02	-700.42	-707.74	-1.099e+05	-3.590e+05	6.277e+05
						101.0	-4647.02	-1806.04	-707.74	-1.099e+05	-4.010e+05	5.639e+05
248	37	3.143e+05	2.407e+05	0.08	-2211.24	0.0	652.16	-3052.18	432.96	5328.46	1.888e+05	3.143e+05
		-1.050e+05	1.888e+05	0.07	0.0	50.5	652.16	-4157.80	432.96	5328.46	2.148e+05	1.326e+05
						101.0	652.16	-5263.42	432.96	5328.46	2.407e+05	-1.050e+05
248	38	3.300e+05	4.185e+05	0.07	-2211.24	0.0	1790.78	-2932.40	1190.89	-1.156e+05	3.104e+05	3.300e+05
		-7.750e+04	3.104e+05	-9.35e-03	0.0	50.5	1790.78	-4038.02	1190.89	-1.156e+05	3.644e+05	1.541e+05
						101.0	1790.78	-5143.64	1190.89	-1.156e+05	4.185e+05	-7.750e+04
248	39	5.331e+05	-3.075e+05	0.08	-2211.24	0.0	-4412.65	-650.70	-1177.34	4.751e+04	-3.075e+05	5.331e+05
		3.553e+05	-4.141e+05	8.42e-03	0.0	50.5	-4412.65	-1756.32	-1177.34	4.751e+04	-3.608e+05	4.721e+05
						101.0	-4412.65	-2861.94	-1177.34	4.751e+04	-4.141e+05	3.553e+05
248	40	5.488e+05	-1.858e+05	0.08	-2211.24	0.0	-3274.03	-530.92	-419.41	-7.339e+04	-1.858e+05	5.488e+05
		3.828e+05	-2.364e+05	-0.07	0.0	50.5	-3274.03	-1636.54	-419.41	-7.339e+04	-2.111e+05	4.937e+05
						101.0	-3274.03	-2742.16	-419.41	-7.339e+04	-2.364e+05	3.828e+05
248	69	4.105e+05	2083.05	0.08	-2127.11	0.0	-1261.40	-1671.80	6.41	-2.779e+04	1435.42	4.105e+05
		1.342e+05	1435.42	-8.16e-04	0.0	50.5	-1261.40	-2735.36	6.41	-2.779e+04	1759.23	2.992e+05
						101.0	-1261.40	-3798.91	6.41	-2.779e+04	2083.05	1.342e+05
248	70	4.806e+05	2378.56	0.09	-2407.55	0.0	-1426.51	-2070.96	7.62	-4.861e+04	1609.03	4.806e+05
		1.499e+05	1609.03	-9.00e-04	0.0	50.5	-1426.51	-3274.74	7.62	-4.861e+04	1993.79	3.457e+05
						101.0	-1426.51	-4478.51	7.62	-4.861e+04	2378.56	1.499e+05
248	71	4.105e+05	2083.05	0.08	-2127.11	0.0	-1261.40	-1671.80	6.41	-2.779e+04	1435.42	4.105e+05
		1.342e+05	1435.42	-8.16e-04	0.0	50.5	-1261.40	-2735.36	6.41	-2.779e+04	1759.23	2.992e+05
						101.0	-1261.40	-3798.91	6.41	-2.779e+04	2083.05	1.342e+05
248	72	4.456e+05	2230.80	0.08	-2267.33	0.0	-1343.96	-1871.38	7.02	-3.820e+04	1522.22	4.456e+05
		1.421e+05	1522.22	-8.58e-04	0.0	50.5	-1343.96	-3005.05	7.02	-3.820e+04	1876.51	3.224e+05
						101.0	-1343.96	-4138.71	7.02	-3.820e+04	2230.80	1.421e+05
248	73	4.105e+05	2083.05	0.08	-2127.11	0.0	-1261.40	-1671.80	6.41	-2.779e+04	1435.42	4.105e+05
		1.342e+05	1435.42	-8.16e-04	0.0	50.5	-1261.40	-2735.36	6.41	-2.779e+04	1759.23	2.992e+05
						101.0	-1261.40	-3798.91	6.41	-2.779e+04	2083.05	1.342e+05
248	74	4.315e+05	2171.70	0.08	-2211.24	0.0	-1310.94	-1791.55	6.77	-3.403e+04	1487.50	4.315e+05
		1.389e+05	1487.50	-8.41e-04	0.0	50.5	-1310.94	-2897.17	6.77	-3.403e+04	1829.60	3.131e+05
						101.0	-1310.94	-4002.79	6.77	-3.403e+04	2171.70	1.389e+05
249	2	-1.864e+05	824.35	0.04	-3185.91	0.0	-2164.97	-7000.17	3.92	-6.146e+04	428.30	-1.864e+05
		-1.054e+06	428.30	-1.58e-03	0.0	50.5	-2164.97	-8593.13	3.92	-6.146e+04	626.32	-5.802e+05
						101.0	-2164.97	-1.019e+04	3.92	-6.146e+04	824.35	-1.054e+06
249	3	-1.209e+05	522.78	0.03	-2127.11	0.0	-1454.30	-4376.16	2.66	-2.240e+04	254.00	-1.209e+05
		-6.703e+05	254.00	-1.14e-03	0.0	50.5	-1454.30	-5439.71	2.66	-2.240e+04	388.39	-3.687e+05
						101.0	-1454.30	-6503.26	2.66	-2.240e+04	522.78	-6.703e+05
249	6	-5.821e+05	-1.570e+05	-0.02	-2211.24	0.0	-3102.29	-6996.92	70.10	-8.788e+04	-1.881e+05	-5.821e+05
		-1.406e+06	-1.881e+05	-0.67	0.0	50.5	-3102.29	-8102.54	70.10	-8.788e+04	-1.726e+05	-9.663e+05
						101.0	-3102.29	-9208.16	70.10	-8.788e+04	-1.570e+05	-1.406e+06
249	7	3.287e+05	1.887e+05	0.08	-2211.24	0.0	83.94	-2279.87	-64.59	3.015e+04	1.887e+05	3.287e+05
		-7357.51	1.581e+05	0.67	0.0	50.5	83.94	-3385.49	-64.59	3.015e+04	1.734e+05	1.886e+05
						101.0	83.94	-4491.11	-64.59	3.015e+04	1.581e+05	-7357.51
249	9	-5.815e+05	-1.351e+05	-0.02	-2211.24	0.0	-5533.54	-7060.23	-1070.81	9.036e+04	-1.351e+05	-5.815e+05
		-1.406e+06	-2.615e+05	-0.49	0.0	50.5	-5533.54	-8165.85	-1070.81	9.036e+04	-1.983e+05	-9.660e+05
						101.0	-5533.54	-9271.47	-1070.81	9.036e+04	-2.615e+05	-1.406e+06
249	12	3.281e+05	2.626e+05	0.07	-2211.24	0.0	2515.18	-2216.55	1076.32	-1.481e+05	1.356e+05	3.281e+05
		-7506.99	1.356e+05	0.48	0.0	50.5	2515.18	-3322.17	1076.32	-1.481e+05	1.991e+05	1.882e+05
						101.0	2515.18	-4427.79	1076.32	-1.481e+05	2.626e+05	-7506.99
249	21	-2.407e+05	2.229e+04	0.02	-2211.24	0.0	-6561.07	-5453.75	-2266.41	2.621e+05	2.229e+04	-2.407e+05
		-8.835e+05	-2.155e+05	0.14	0.0	50.5	-6561.07	-6559.37	-2266.41	2.621e+05	-9.660e+04	-5.342e+05
						101.0	-6561.07	-7664.99	-2266.41	2.621e+05	-2.155e+05	-8.835e+05
249	24	-1.273e+04	2.166e+05	0.03	-2211.24	0.0	3542.71	-3823.03	2271.92	-3.198e+05	-2.174e+04	-1.273e+04
		-5.303e+05	-2.174e+04	-0.14	0.0	50.5	3542.71	-4928.65	2271.92	-3.198e+05	9.743e+04	-2.436e+05
						101.0	3542.71	-6034.27	2271.92	-3.198e+05	2.166e+05	-5.303e+05
249	38	-3.886e+05	-9.118e+04	9.82e-03	-2211.24	0.0	-2483.54	-5995.70	7.96	-5.986e+04	-1.053e+05	-3.886e+05
		-1.109e+06	-1.053e+05	-0.37	0.0	50.5	-2483.54	-7101.32	7.96	-5.986e+04	-9.824e+04	-7.210e+05
						101.0	-2483.54	-8206.94	7.96	-5.986e+04	-9.118e+04	-1.109e+06
249	39	1.352e+05	1.058e+05	0.06	-2211.24	0.0	-534.81	-3281.08	-2.45	2123.44	1.058e+05	1.352e+05
		-3.045e+05	9.229e+04	0.36	0.0	50.5	-534.81	-4386.70	-2.45	2123.44	9.907e+04	-5.676e+04
						101.0	-534.81	-5492.32	-2.45	2123.44	9.229e+04	-3.045e+05
249	41	-3.884e+05	-7.567e+04	0.01	-2211.24	0.0	-3768.03	-6031.26	-595.67	3.491e+04	-7.567e+04	-3.884e+05
		-1.109e+06	-1.471e+05	-0.27	0.0	50.5	-3768.03	-7136.88	-595.67	3.491e+04	-1.114e+05	-7.208e+05
						101.0	-3768.03	-8242.50	-595.67	3.491e+04	-1.471e+05	-1.109e+06
249	44	1.349e+05	1.482e+05	0.05	-2211.24	0.0	749.68	-3245.52	601.18	-9.265e+04	7.621e+04	1.349e+05
		-3.046e+05	7.621e+04	0.27	0.0	50.5	749.68	-4351.15	601.18	-9.265e+04	1.122e+05	-5.693e+04

						101.0	749.68	-5456.77	601.18	-9.265e+04	1.482e+05	-3.046e+05
249	53	-1.927e+05	1.049e+04	0.02	-2211.24	0.0	-4217.62	-5106.61	-1207.72	1.262e+05	1.049e+04	-1.927e+05
		-8.090e+05	-1.172e+05	0.07	0.0	50.5	-4217.62	-6212.23	-1207.72	1.262e+05	-5.336e+04	-4.729e+05
						101.0	-4217.62	-7317.85	-1207.72	1.262e+05	-1.172e+05	-8.090e+05
249	56	-6.076e+04	1.183e+05	0.03	-2211.24	0.0	1199.27	-4170.17	1213.23	-1.839e+05	-9938.81	-6.076e+04
		-6.048e+05	-9938.81	-0.07	0.0	50.5	1199.27	-5275.79	1213.23	-1.839e+05	5.419e+04	-3.049e+05
						101.0	1199.27	-6381.41	1213.23	-1.839e+05	1.183e+05	-6.048e+05
249	69	-1.209e+05	522.78	0.03	-2127.11	0.0	-1454.30	-4376.16	2.66	-2.240e+04	254.00	-1.209e+05
		-6.703e+05	254.00	-1.14e-03	0.0	50.5	-1454.30	-5439.71	2.66	-2.240e+04	388.39	-3.687e+05
						101.0	-1454.30	-6503.26	2.66	-2.240e+04	522.78	-6.703e+05
249	70	-1.404e+05	619.27	0.03	-2407.55	0.0	-1637.22	-5250.27	2.97	-4.396e+04	319.40	-1.404e+05
		-7.923e+05	319.40	-1.21e-03	0.0	50.5	-1637.22	-6454.05	2.97	-4.396e+04	469.34	-4.359e+05
						101.0	-1637.22	-7657.82	2.97	-4.396e+04	619.27	-7.923e+05
249	71	-1.209e+05	522.78	0.03	-2127.11	0.0	-1454.30	-4376.16	2.66	-2.240e+04	254.00	-1.209e+05
		-6.703e+05	254.00	-1.14e-03	0.0	50.5	-1454.30	-5439.71	2.66	-2.240e+04	388.39	-3.687e+05
						101.0	-1454.30	-6503.26	2.66	-2.240e+04	522.78	-6.703e+05
249	72	-1.306e+05	571.03	0.03	-2267.33	0.0	-1545.76	-4813.21	2.82	-3.318e+04	286.70	-1.306e+05
		-7.313e+05	286.70	-1.17e-03	0.0	50.5	-1545.76	-5946.88	2.82	-3.318e+04	428.86	-4.023e+05
						101.0	-1545.76	-7080.54	2.82	-3.318e+04	571.03	-7.313e+05
249	73	-1.209e+05	522.78	0.03	-2127.11	0.0	-1454.30	-4376.16	2.66	-2.240e+04	254.00	-1.209e+05
		-6.703e+05	254.00	-1.14e-03	0.0	50.5	-1454.30	-5439.71	2.66	-2.240e+04	388.39	-3.687e+05
						101.0	-1454.30	-6503.26	2.66	-2.240e+04	522.78	-6.703e+05
249	74	-1.267e+05	551.73	0.03	-2211.24	0.0	-1509.18	-4638.39	2.75	-2.887e+04	273.62	-1.267e+05
		-7.069e+05	273.62	-1.16e-03	0.0	50.5	-1509.18	-5744.01	2.75	-2.887e+04	412.67	-3.889e+05
						101.0	-1509.18	-6849.63	2.75	-2.887e+04	551.73	-7.069e+05
250	1	8.392e+04	-149.13	0.05	-2765.24	0.0	-2072.61	-4508.38	7.68	-2.158e+04	-924.70	8.392e+04
		-5.111e+05	-924.70	-1.06e-03	0.0	50.5	-2072.61	-5891.00	7.68	-2.158e+04	-536.91	-1.287e+05
						101.0	-2072.61	-7273.62	7.68	-2.158e+04	-149.13	-5.111e+05
250	2	1.031e+05	-60.16	0.06	-3185.91	0.0	-2376.20	-5575.77	8.37	-4.785e+04	-905.51	1.031e+05
		-6.210e+05	-905.51	-1.16e-03	0.0	50.5	-2376.20	-7168.72	8.37	-4.785e+04	-482.83	-2.187e+05
						101.0	-2376.20	-8761.68	8.37	-4.785e+04	-60.16	-6.210e+05
250	3	6.455e+04	-114.71	0.04	-2127.11	0.0	-1594.32	-3467.99	5.91	-1.660e+04	-711.31	6.455e+04
		-3.931e+05	-711.31	-8.12e-04	0.0	50.5	-1594.32	-4531.54	5.91	-1.660e+04	-413.01	-1.374e+05
						101.0	-1594.32	-5595.09	5.91	-1.660e+04	-114.71	-3.931e+05
250	4	8.373e+04	-25.74	0.05	-2547.78	0.0	-1897.90	-4535.37	6.60	-4.287e+04	-692.11	8.373e+04
		-5.030e+05	-692.11	-9.21e-04	0.0	50.5	-1897.90	-5809.26	6.60	-4.287e+04	-358.93	-1.775e+05
						101.0	-1897.90	-7083.15	6.60	-4.287e+04	-25.74	-5.030e+05
250	6	-3.035e+05	1.764e+04	0.02	-2211.24	0.0	-2411.23	-6084.26	172.53	6.131e+04	-4.045e+04	-3.035e+05
		-1.030e+06	-4.045e+04	-0.06	0.0	50.5	-2411.23	-7189.88	172.53	6.131e+04	-1.140e+04	-6.387e+05
						101.0	-2411.23	-8295.50	172.53	6.131e+04	1.764e+04	-1.030e+06
250	7	4.403e+05	3.904e+04	0.06	-2211.24	0.0	-898.83	-1278.67	-160.44	-1.050e+05	3.904e+04	4.403e+05
		1.994e+05	-1.784e+04	0.06	0.0	50.5	-898.83	-2384.29	-160.44	-1.050e+05	1.060e+04	3.478e+05
						101.0	-898.83	-3489.91	-160.44	-1.050e+05	-1.784e+04	1.994e+05
250	21	-2.327e+04	3.279e+05	0.04	-2211.24	0.0	-6392.21	-4277.01	-1318.68	-6.725e+04	3.279e+05	-2.327e+04
		-5.671e+05	2.093e+05	0.05	0.0	50.5	-6392.21	-5382.63	-1318.68	-6.725e+04	2.686e+05	-2.673e+05
						101.0	-6392.21	-6488.25	-1318.68	-6.725e+04	2.093e+05	-5.671e+05
250	24	1.600e+05	-2.095e+05	0.05	-2211.24	0.0	3082.14	-3085.92	1330.77	2.354e+04	-3.293e+05	1.600e+05
		-2.631e+05	-3.293e+05	-0.05	0.0	50.5	3082.14	-4191.54	1330.77	2.354e+04	-2.694e+05	-2.362e+04
						101.0	3082.14	-5297.16	1330.77	2.354e+04	-2.095e+05	-2.631e+05
250	38	-1.455e+05	1.226e+04	0.03	-2211.24	0.0	-2150.50	-5063.27	86.68	2.412e+04	-1.998e+04	-1.455e+05
		-7.685e+05	-1.998e+04	-0.03	0.0	50.5	-2150.50	-6168.89	86.68	2.412e+04	-3858.68	-4.291e+05
						101.0	-2150.50	-7274.51	86.68	2.412e+04	1.226e+04	-7.685e+05
250	39	2.822e+05	1.856e+04	0.05	-2211.24	0.0	-1159.56	-2299.66	-74.59	-6.783e+04	1.856e+04	2.822e+05
		-6.172e+04	-1.245e+04	0.03	0.0	50.5	-1159.56	-3405.28	-74.59	-6.783e+04	3054.29	1.382e+05
						101.0	-1159.56	-4510.90	-74.59	-6.783e+04	-1.245e+04	-6.172e+04
250	53	1.524e+04	1.773e+05	0.04	-2211.24	0.0	-4186.98	-4026.04	-706.17	-4.681e+04	1.773e+05	1.524e+04
		-5.032e+05	1.144e+05	0.03	0.0	50.5	-4186.98	-5131.66	-706.17	-4.681e+04	1.458e+05	-2.160e+05
						101.0	-4186.98	-6237.28	-706.17	-4.681e+04	1.144e+05	-5.032e+05
250	56	1.215e+05	-1.145e+05	0.04	-2211.24	0.0	876.91	-3336.89	718.26	3098.38	-1.787e+05	1.215e+05
		-3.271e+05	-1.787e+05	-0.03	0.0	50.5	876.91	-4442.51	718.26	3098.38	-1.466e+05	-7.485e+04
						101.0	876.91	-5548.13	718.26	3098.38	-1.145e+05	-3.271e+05
250	69	6.455e+04	-114.71	0.04	-2127.11	0.0	-1594.32	-3467.99	5.91	-1.660e+04	-711.31	6.455e+04
		-3.931e+05	-711.31	-8.12e-04	0.0	50.5	-1594.32	-4531.54	5.91	-1.660e+04	-413.01	-1.374e+05
						101.0	-1594.32	-5595.09	5.91	-1.660e+04	-114.71	-3.931e+05
250	70	7.733e+04	-55.40	0.05	-2407.55	0.0	-1796.71	-4179.58	6.37	-3.411e+04	-698.51	7.733e+04
		-4.664e+05	-698.51	-8.84e-04	0.0	50.5	-1796.71	-5383.36	6.37	-3.411e+04	-376.96	-1.641e+05
						101.0	-1796.71	-6587.13	6.37	-3.411e+04	-55.40	-4.664e+05
250	71	6.455e+04	-114.71	0.04	-2127.11	0.0	-1594.32	-3467.99	5.91	-1.660e+04	-711.31	6.455e+04
		-3.931e+05	-711.31	-8.12e-04	0.0	50.5	-1594.32	-4531.54	5.91	-1.660e+04	-413.01	-1.374e+05
						101.0	-1594.32	-5595.09	5.91	-1.660e+04	-114.71	-3.931e+05
250	72	7.094e+04	-85.06	0.04	-2267.33	0.0	-1695.51	-3823.78	6.14	-2.536e+04	-704.91	7.094e+04
		-4.298e+05	-704.91	-8.48e-04	0.0	50.5	-1695.51	-4957.45	6.14	-2.536e+04	-394.98	-1.508e+05
						101.0	-1695.51	-6091.11	6.14	-2.536e+04	-85.06	-4.298e+05
250	73	6.455e+04	-114.71	0.04	-2127.11	0.0	-1594.32	-3467.99	5.91	-1.660e+04	-711.31	6.455e+04
		-3.931e+05	-711.31	-8.12e-04	0.0	50.5	-1594.32	-4531.54	5.91	-1.660e+04	-413.01	-1.374e+05
						101.0	-1594.32	-5595.09	5.91	-1.660e+04	-114.71	-3.931e+05
250	74	6.839e+04	-96.92	0.04	-2211.24	0.0	-1655.03	-3681.47	6.05	-2.186e+04	-707.47	6.839e+04

		-4.151e+05	-707.47	-8.34e-04	0.0	50.5	-1655.03	-4787.09	6.05	-2.186e+04	-402.19	-1.454e+05
						101.0	-1655.03	-5892.71	6.05	-2.186e+04	-96.92	-4.151e+05
251	2	2.459e+05	-2756.71	0.05	-3185.91	0.0	-2196.18	-4150.51	-21.33	-3.224e+04	-2756.71	2.459e+05
		-3.342e+05	-4910.71	2.35e-03	0.0	50.5	-2196.18	-5743.46	-21.33	-3.224e+04	-3833.71	-3907.29
						101.0	-2196.18	-7336.42	-21.33	-3.224e+04	-4910.71	-3.342e+05
251	3	1.549e+05	-1969.84	0.03	-2127.11	0.0	-1477.96	-2559.16	-15.46	-9381.08	-1969.84	1.549e+05
		-2.110e+05	-3531.02	1.75e-03	0.0	50.5	-1477.96	-3622.71	-15.46	-9381.08	-2750.43	-1198.05
						101.0	-1477.96	-4686.26	-15.46	-9381.08	-3531.02	-2.110e+05
251	6	-1.308e+05	-1.783e+04	0.03	-2211.24	0.0	-3482.78	-5150.43	-249.23	4.583e+04	-1.783e+04	-1.308e+05
		-7.625e+05	-3.293e+04	0.10	0.0	50.5	-3482.78	-6256.05	-249.23	4.583e+04	-2.538e+04	-4.187e+05
						101.0	-3482.78	-7361.67	-249.23	4.583e+04	-3.293e+04	-7.625e+05
251	7	4.584e+05	2.574e+04	0.04	-2211.24	0.0	416.92	-297.33	217.82	-7.261e+04	1.381e+04	4.584e+05
		3.166e+05	1.381e+04	-0.09	0.0	50.5	416.92	-1402.95	217.82	-7.261e+04	1.977e+04	4.154e+05
						101.0	416.92	-2508.57	217.82	-7.261e+04	2.574e+04	3.166e+05
251	29	9.250e+04	3.368e+05	0.03	-2211.24	0.0	-6696.70	-3347.50	-816.80	-2.850e+05	3.368e+05	9.250e+04
		-3.581e+05	2.671e+05	-0.12	0.0	50.5	-6696.70	-4453.12	-816.80	-2.850e+05	3.019e+05	-1.049e+05
						101.0	-6696.70	-5558.74	-816.80	-2.850e+05	2.671e+05	-3.581e+05
251	32	2.351e+05	-2.743e+05	0.04	-2211.24	0.0	3630.84	-2100.26	785.40	2.582e+05	-3.408e+05	2.351e+05
		-8.790e+04	-3.408e+05	0.13	0.0	50.5	3630.84	-3205.88	785.40	2.582e+05	-3.075e+05	1.015e+05
						101.0	3630.84	-4311.50	785.40	2.582e+05	-2.743e+05	-8.790e+04
251	38	-5544.63	-9294.22	0.03	-2211.24	0.0	-2703.48	-4119.32	-140.26	1.709e+04	-9294.22	-5544.63
		-5.332e+05	-1.757e+04	0.05	0.0	50.5	-2703.48	-5224.94	-140.26	1.709e+04	-1.343e+04	-2.415e+05
						101.0	-2703.48	-6330.57	-140.26	1.709e+04	-1.757e+04	-5.332e+05
251	39	3.332e+05	1.038e+04	0.04	-2211.24	0.0	-362.38	-1328.43	108.85	-4.387e+04	5276.17	3.332e+05
		8.726e+04	5276.17	-0.05	0.0	50.5	-362.38	-2434.05	108.85	-4.387e+04	7827.63	2.381e+05
						101.0	-362.38	-3539.67	108.85	-4.387e+04	1.038e+04	8.726e+04
251	61	1.227e+05	1.796e+05	0.03	-2211.24	0.0	-4300.92	-3082.97	-441.83	-1.583e+05	1.796e+05	1.227e+05
		-3.008e+05	1.427e+05	-0.07	0.0	50.5	-4300.92	-4188.59	-441.83	-1.583e+05	1.611e+05	-6.112e+04
						101.0	-4300.92	-5294.21	-441.83	-1.583e+05	1.427e+05	-3.008e+05
251	64	2.049e+05	-1.498e+05	0.04	-2211.24	0.0	1235.06	-2364.79	410.42	1.315e+05	-1.836e+05	2.049e+05
		-1.452e+05	-1.836e+05	0.07	0.0	50.5	1235.06	-3470.41	410.42	1.315e+05	-1.667e+05	5.778e+04
						101.0	1235.06	-4576.03	410.42	1.315e+05	-1.498e+05	-1.452e+05
251	69	1.549e+05	-1969.84	0.03	-2127.11	0.0	-1477.96	-2559.16	-15.46	-9381.08	-1969.84	1.549e+05
		-2.110e+05	-3531.02	1.75e-03	0.0	50.5	-1477.96	-3622.71	-15.46	-9381.08	-2750.43	-1198.05
						101.0	-1477.96	-4686.26	-15.46	-9381.08	-3531.02	-2.110e+05
251	70	1.846e+05	-2100.45	0.04	-2407.55	0.0	-1661.18	-3108.23	-16.28	-2.275e+04	-2100.45	1.846e+05
		-2.509e+05	-3744.61	1.80e-03	0.0	50.5	-1661.18	-4312.00	-16.28	-2.275e+04	-2922.53	-2764.60
						101.0	-1661.18	-5515.78	-16.28	-2.275e+04	-3744.61	-2.509e+05
251	71	1.549e+05	-1969.84	0.03	-2127.11	0.0	-1477.96	-2559.16	-15.46	-9381.08	-1969.84	1.549e+05
		-2.110e+05	-3531.02	1.75e-03	0.0	50.5	-1477.96	-3622.71	-15.46	-9381.08	-2750.43	-1198.05
						101.0	-1477.96	-4686.26	-15.46	-9381.08	-3531.02	-2.110e+05
251	72	1.697e+05	-2035.15	0.03	-2267.33	0.0	-1569.57	-2833.69	-15.87	-1.606e+04	-2035.15	1.697e+05
		-2.310e+05	-3637.81	1.78e-03	0.0	50.5	-1569.57	-3967.36	-15.87	-1.606e+04	-2836.48	-1981.33
						101.0	-1569.57	-5101.02	-15.87	-1.606e+04	-3637.81	-2.310e+05
251	73	1.549e+05	-1969.84	0.03	-2127.11	0.0	-1477.96	-2559.16	-15.46	-9381.08	-1969.84	1.549e+05
		-2.110e+05	-3531.02	1.75e-03	0.0	50.5	-1477.96	-3622.71	-15.46	-9381.08	-2750.43	-1198.05
						101.0	-1477.96	-4686.26	-15.46	-9381.08	-3531.02	-2.110e+05
251	74	1.638e+05	-2009.03	0.03	-2211.24	0.0	-1532.93	-2723.88	-15.70	-1.339e+04	-2009.03	1.638e+05
		-2.230e+05	-3595.10	1.77e-03	0.0	50.5	-1532.93	-3829.50	-15.70	-1.339e+04	-2802.06	-1668.02
						101.0	-1532.93	-4935.12	-15.70	-1.339e+04	-3595.10	-2.230e+05
252	1	3.598e+05	2928.28	0.07	-2765.24	0.0	-1679.35	-3877.67	7.46	7926.73	2174.35	3.598e+05
		-1.715e+05	2174.35	4.90e-04	0.0	50.5	-1679.35	-5260.29	7.46	7926.73	2551.31	1.291e+05
						101.0	-1679.35	-6642.91	7.46	7926.73	2928.28	-1.715e+05
252	2	4.347e+05	2771.11	0.09	-3185.91	0.0	-1928.59	-4774.44	6.35	-37.26	2130.03	4.347e+05
		-2.084e+05	2130.03	5.92e-04	0.0	50.5	-1928.59	-6367.40	6.35	-37.26	2450.57	1.534e+05
						101.0	-1928.59	-7960.35	6.35	-37.26	2771.11	-2.084e+05
252	3	2.768e+05	2252.52	0.06	-2127.11	0.0	-1291.81	-2982.82	5.74	6097.48	1672.58	2.768e+05
		-1.319e+05	1672.58	3.77e-04	0.0	50.5	-1291.81	-4046.38	5.74	6097.48	1962.55	9.931e+04
						101.0	-1291.81	-5109.93	5.74	6097.48	2252.52	-1.319e+05
252	4	3.517e+05	2095.35	0.07	-2547.78	0.0	-1541.05	-3879.60	4.62	-1866.50	1628.25	3.517e+05
		-1.688e+05	1628.25	4.79e-04	0.0	50.5	-1541.05	-5153.48	4.62	-1866.50	1861.80	1.236e+05
						101.0	-1541.05	-6427.37	4.62	-1866.50	2095.35	-1.688e+05
252	9	8.264e+04	1.295e+05	0.04	-2211.24	0.0	-7213.24	-4951.05	2289.72	-1.544e+05	-9.173e+04	8.264e+04
		-5.283e+05	-9.173e+04	-0.78	0.0	50.5	-7213.24	-6056.67	2289.72	-1.544e+05	1.890e+04	-1.949e+05
						101.0	-7213.24	-7162.29	2289.72	-1.544e+05	1.295e+05	-5.283e+05
252	10	5.785e+04	1.835e+04	0.06	-2211.24	0.0	-5015.26	-5239.16	1329.84	8.488e+04	-1.828e+05	5.785e+04
		-5.820e+05	-1.828e+05	-0.58	0.0	50.5	-5015.26	-6344.78	1329.84	8.488e+04	-8.223e+04	-2.342e+05
						101.0	-5015.26	-7450.40	1329.84	8.488e+04	1.835e+04	-5.820e+05
252	11	5.257e+05	1.861e+05	0.06	-2211.24	0.0	2331.94	-1085.20	-1318.80	-7.587e+04	1.861e+05	5.257e+05
		3.035e+05	-1.391e+04	0.58	0.0	50.5	2331.94	-2190.82	-1318.80	-7.587e+04	8.611e+04	4.425e+05
						101.0	2331.94	-3296.44	-1318.80	-7.587e+04	-1.391e+04	3.035e+05
252	12	5.009e+05	9.506e+04	0.07	-2211.24	0.0	4529.92	-1373.31	-2278.69	1.634e+05	9.506e+04	5.009e+05
		2.498e+05	-1.251e+05	0.78	0.0	50.5	4529.92	-2478.93	-2278.69	1.634e+05	-1.501e+04	4.032e+05
						101.0	4529.92	-3584.55	-2278.69	1.634e+05	-1.251e+05	2.498e+05
252	29	2.666e+05	2.090e+05	0.03	-2211.24	0.0	-6436.74	-3261.87	2146.61	-4.061e+05	1.118e+05	2.666e+05
		-1.745e+05	1.118e+05	-0.53	0.0	50.5	-6436.74	-4367.49	2146.61	-4.061e+05	1.604e+05	7.398e+04
						101.0	-6436.74	-5473.11	2146.61	-4.061e+05	2.090e+05	-1.745e+05

252	32	3.169e+05	-1.084e+05	0.09	-2211.24	0.0	3753.42	-3062.49	-2135.57	4.151e+05	-1.084e+05	3.169e+05
		-1.040e+05	-2.046e+05	0.53	0.0	50.5	3753.42	-4168.11	-2135.57	4.151e+05	-1.565e+05	1.343e+05
						101.0	3753.42	-5273.73	-2135.57	4.151e+05	-2.046e+05	-1.040e+05
252	41	1.708e+05	7.108e+04	0.05	-2211.24	0.0	-4655.28	-4197.31	1304.99	-8.017e+04	-5.318e+04	1.708e+05
		-3.643e+05	-5.318e+04	-0.44	0.0	50.5	-4655.28	-5302.93	1304.99	-8.017e+04	8947.01	-6.883e+04
						101.0	-4655.28	-6408.55	1304.99	-8.017e+04	7.108e+04	-3.643e+05
252	42	1.575e+05	1.210e+04	0.06	-2211.24	0.0	-3496.32	-4354.06	781.29	4.600e+04	-1.052e+05	1.575e+05
		-3.934e+05	-1.052e+05	-0.34	0.0	50.5	-3496.32	-5459.68	781.29	4.600e+04	-4.653e+04	-9.002e+04
						101.0	-3496.32	-6565.30	781.29	4.600e+04	1.210e+04	-3.934e+05
252	43	4.260e+05	1.085e+05	0.06	-2211.24	0.0	813.00	-1970.30	-770.25	-3.699e+04	1.085e+05	4.260e+05
		1.148e+05	-7662.62	0.34	0.0	50.5	813.00	-3075.92	-770.25	-3.699e+04	5.042e+04	2.984e+05
						101.0	813.00	-4181.54	-770.25	-3.699e+04	-7662.62	1.148e+05
252	44	4.127e+05	5.651e+04	0.07	-2211.24	0.0	1971.96	-2127.05	-1293.96	8.918e+04	5.651e+04	4.127e+05
		8.577e+04	-6.664e+04	0.44	0.0	50.5	1971.96	-3232.67	-1293.96	8.918e+04	-5062.21	2.772e+05
						101.0	1971.96	-4338.29	-1293.96	8.918e+04	-6.664e+04	8.577e+04
252	62	2.313e+05	-8.426e+04	0.07	-2211.24	0.0	-230.30	-3757.48	-556.04	2.083e+05	-1.092e+05	2.313e+05
		-2.596e+05	-1.092e+05	0.05	0.0	50.5	-230.30	-4863.10	-556.04	2.083e+05	-9.675e+04	1.377e+04
						101.0	-230.30	-5968.72	-556.04	2.083e+05	-8.426e+04	-2.596e+05
252	63	3.523e+05	1.126e+05	0.05	-2211.24	0.0	-2453.01	-2566.88	567.07	-1.993e+05	1.126e+05	3.523e+05
		-1.898e+04	8.870e+04	-0.05	0.0	50.5	-2453.01	-3672.50	567.07	-1.993e+05	1.006e+05	1.946e+05
						101.0	-2453.01	-4778.12	567.07	-1.993e+05	8.870e+04	-1.898e+04
252	69	2.768e+05	2252.52	0.06	-2127.11	0.0	-1291.81	-2982.82	5.74	6097.48	1672.58	2.768e+05
		-1.319e+05	1672.58	3.77e-04	0.0	50.5	-1291.81	-4046.38	5.74	6097.48	1962.55	9.931e+04
						101.0	-1291.81	-5109.93	5.74	6097.48	2252.52	-1.319e+05
252	70	3.267e+05	2147.74	0.07	-2407.55	0.0	-1457.97	-3580.67	5.00	788.16	1643.03	3.267e+05
		-1.565e+05	1643.03	4.45e-04	0.0	50.5	-1457.97	-4784.45	5.00	788.16	1895.39	1.155e+05
						101.0	-1457.97	-5988.22	5.00	788.16	2147.74	-1.565e+05
252	71	2.768e+05	2252.52	0.06	-2127.11	0.0	-1291.81	-2982.82	5.74	6097.48	1672.58	2.768e+05
		-1.319e+05	1672.58	3.77e-04	0.0	50.5	-1291.81	-4046.38	5.74	6097.48	1962.55	9.931e+04
						101.0	-1291.81	-5109.93	5.74	6097.48	2252.52	-1.319e+05
252	72	3.018e+05	2200.13	0.06	-2267.33	0.0	-1374.89	-3281.75	5.37	3442.82	1657.80	3.018e+05
		-1.442e+05	1657.80	4.11e-04	0.0	50.5	-1374.89	-4415.41	5.37	3442.82	1928.97	1.074e+05
						101.0	-1374.89	-5549.08	5.37	3442.82	2200.13	-1.442e+05
252	73	2.768e+05	2252.52	0.06	-2127.11	0.0	-1291.81	-2982.82	5.74	6097.48	1672.58	2.768e+05
		-1.319e+05	1672.58	3.77e-04	0.0	50.5	-1291.81	-4046.38	5.74	6097.48	1962.55	9.931e+04
						101.0	-1291.81	-5109.93	5.74	6097.48	2252.52	-1.319e+05
252	74	2.918e+05	2221.09	0.06	-2211.24	0.0	-1341.66	-3162.18	5.52	4504.69	1663.71	2.918e+05
		-1.393e+05	1663.71	3.97e-04	0.0	50.5	-1341.66	-4267.80	5.52	4504.69	1942.40	1.042e+05
						101.0	-1341.66	-5373.42	5.52	4504.69	2221.09	-1.393e+05
253	1	1.325e+05	803.85	-0.03	-812.85	0.0	-383.25	1464.70	-5.29	4.613e+04	803.85	2.504e+04
		2.504e+04	266.77	1.27e-05	0.0	50.8	-383.25	1058.27	-5.29	4.613e+04	535.31	8.907e+04
						101.5	-383.25	651.85	-5.29	4.613e+04	266.77	1.325e+05
253	2	1.593e+05	776.53	-0.03	-867.71	0.0	-369.76	1809.22	-4.80	3.643e+04	776.53	1.967e+04
		1.967e+04	289.15	-3.23e-05	0.0	50.8	-369.76	1375.37	-4.80	3.643e+04	532.84	1.005e+05
						101.5	-369.76	941.51	-4.80	3.643e+04	289.15	1.593e+05
253	3	1.019e+05	618.34	-0.02	-625.27	0.0	-294.81	1126.69	-4.07	3.548e+04	618.34	1.926e+04
		1.926e+04	205.21	9.79e-06	0.0	50.8	-294.81	814.06	-4.07	3.548e+04	411.78	6.851e+04
						101.5	-294.81	501.42	-4.07	3.548e+04	205.21	1.019e+05
253	4	1.287e+05	591.03	-0.02	-680.13	0.0	-281.32	1471.22	-3.58	2.578e+04	591.03	1.390e+04
		1.390e+04	227.58	-3.38e-05	0.0	50.8	-281.32	1131.15	-3.58	2.578e+04	409.31	7.994e+04
						101.5	-281.32	791.09	-3.58	2.578e+04	227.58	1.287e+05
253	5	2.575e+05	5.468e+05	-0.02	-636.24	0.0	-1384.02	-303.31	-5231.91	1.817e+05	5.468e+05	2.575e+05
		1.958e+05	-2.169e+04	0.32	0.0	50.8	-1384.02	-621.43	-5231.91	1.817e+05	2.625e+05	2.347e+05
						101.5	-1384.02	-939.55	-5231.91	1.817e+05	-2.169e+04	1.958e+05
253	8	1.871e+04	2.211e+04	-0.03	-636.24	0.0	799.80	2694.51	5223.96	-1.146e+05	-5.456e+05	-2.211e+05
		-2.211e+05	-5.456e+05	-0.32	0.0	50.8	799.80	2376.39	5223.96	-1.146e+05	-2.617e+05	-9.314e+04
						101.5	799.80	2058.27	5223.96	-1.146e+05	2.211e+04	1.871e+04
253	9	3.032e+05	5.638e+05	-0.02	-636.24	0.0	-1236.11	-585.19	-5357.16	1.810e+05	5.638e+05	3.032e+05
		2.129e+05	-1.618e+04	0.32	0.0	50.8	-1236.11	-903.31	-5357.16	1.810e+05	2.738e+05	2.661e+05
						101.5	-1236.11	-1221.43	-5357.16	1.810e+05	-1.618e+04	2.129e+05
253	12	1627.85	1.660e+04	-0.03	-636.24	0.0	651.89	2976.38	5349.21	-1.139e+05	-5.626e+05	2.668e+05
		-2.668e+05	-5.626e+05	-0.32	0.0	50.8	651.89	2658.26	5349.21	-1.139e+05	-2.730e+05	-1.245e+05
						101.5	651.89	2340.14	5349.21	-1.139e+05	1.660e+04	1627.85
253	29	6.523e+05	5.252e+05	-0.03	-636.24	0.0	-382.44	-2802.77	-4391.78	6.899e+04	5.252e+05	6.523e+05
		3.359e+05	7.506e+04	0.17	0.0	50.8	-382.44	-3120.89	-4391.78	6.899e+04	3.001e+05	5.022e+05
						101.5	-382.44	-3439.01	-4391.78	6.899e+04	7.506e+04	3.359e+05
253	32	-1.214e+05	-7.464e+04	-0.01	-636.24	0.0	-201.77	5193.96	4383.84	-1909.54	-5.240e+05	-6.159e+05
		-6.159e+05	-5.240e+05	-0.17	0.0	50.8	-201.77	4875.84	4383.84	-1909.54	-2.993e+05	-3.606e+05
						101.5	-201.77	4557.72	4383.84	-1909.54	-7.464e+04	-1.214e+05
253	37	1.611e+05	3.089e+05	-0.02	-636.24	0.0	-918.64	378.60	-2964.93	1.190e+05	3.089e+05	1.492e+05
		1.492e+05	-1.329e+04	0.19	0.0	50.8	-918.64	60.48	-2964.93	1.190e+05	1.478e+05	1.608e+05
						101.5	-918.64	-257.64	-2964.93	1.190e+05	-1.329e+04	1.562e+05
253	40	5.836e+04	1.371e+04	-0.02	-636.24	0.0	334.42	2012.59	2956.99	-5.187e+04	-3.077e+05	-1.128e+05
		-1.128e+05	-3.077e+05	-0.19	0.0	50.8	334.42	1694.48	2956.99	-5.187e+04	-1.470e+05	-1.917e+04
						101.5	334.42	1376.36	2956.99	-5.187e+04	1.371e+04	5.836e+04
253	41	1.783e+05	3.177e+05	-0.02	-636.24	0.0	-839.31	225.96	-3030.07	1.186e+05	3.177e+05	1.740e+05
		1.654e+05	-1.034e+04	0.18	0.0	50.8	-839.31	-92.16	-3030.07	1.186e+05	1.537e+05	1.778e+05

						101.5	-839.31	-410.28	-3030.07	1.186e+05	-1.034e+04	1.654e+05
253	44	4.910e+04	1.076e+04	-0.02	-636.24	0.0	255.09	2165.24	3022.13	-5.147e+04	-3.165e+05	-1.376e+05
		-1.376e+05	-3.165e+05	-0.18	0.0	50.8	255.09	1847.12	3022.13	-5.147e+04	-1.529e+05	-3.617e+04
						101.5	255.09	1529.00	3022.13	-5.147e+04	1.076e+04	4.910e+04
253	61	3.608e+05	2.834e+05	-0.03	-636.24	0.0	-353.50	-961.62	-2378.42	5.425e+04	2.834e+05	3.608e+05
		2.311e+05	3.984e+04	0.10	0.0	50.8	-353.50	-1279.74	-2378.42	5.425e+04	1.616e+05	3.040e+05
						101.5	-353.50	-1597.86	-2378.42	5.425e+04	3.984e+04	2.311e+05
253	64	-1.661e+04	-3.942e+04	-0.02	-636.24	0.0	-230.72	3352.81	2370.48	1.284e+04	-2.821e+05	-3.244e+05
		-3.244e+05	-2.821e+05	-0.10	0.0	50.8	-230.72	3034.69	2370.48	1.284e+04	-1.608e+05	-1.624e+05
						101.5	-230.72	2716.57	2370.48	1.284e+04	-3.942e+04	-1.661e+04
253	69	1.019e+05	618.34	-0.02	-625.27	0.0	-294.81	1126.69	-4.07	3.548e+04	618.34	1.926e+04
		1.926e+04	205.21	9.79e-06	0.0	50.8	-294.81	814.06	-4.07	3.548e+04	411.78	6.851e+04
						101.5	-294.81	501.42	-4.07	3.548e+04	205.21	1.019e+05
253	70	1.198e+05	600.13	-0.02	-661.84	0.0	-285.82	1356.37	-3.74	2.902e+04	600.13	1.568e+04
		1.568e+04	220.13	-2.15e-05	0.0	50.8	-285.82	1025.45	-3.74	2.902e+04	410.13	7.613e+04
						101.5	-285.82	694.53	-3.74	2.902e+04	220.13	1.198e+05
253	71	1.019e+05	618.34	-0.02	-625.27	0.0	-294.81	1126.69	-4.07	3.548e+04	618.34	1.926e+04
		1.926e+04	205.21	9.79e-06	0.0	50.8	-294.81	814.06	-4.07	3.548e+04	411.78	6.851e+04
						101.5	-294.81	501.42	-4.07	3.548e+04	205.21	1.019e+05
253	72	1.108e+05	609.24	-0.02	-643.55	0.0	-290.31	1241.53	-3.91	3.225e+04	609.24	1.747e+04
		1.747e+04	212.67	-1.25e-05	0.0	50.8	-290.31	919.76	-3.91	3.225e+04	410.95	7.232e+04
						101.5	-290.31	597.98	-3.91	3.225e+04	212.67	1.108e+05
253	73	1.019e+05	618.34	-0.02	-625.27	0.0	-294.81	1126.69	-4.07	3.548e+04	618.34	1.926e+04
		1.926e+04	205.21	9.79e-06	0.0	50.8	-294.81	814.06	-4.07	3.548e+04	411.78	6.851e+04
						101.5	-294.81	501.42	-4.07	3.548e+04	205.21	1.019e+05
253	74	1.073e+05	612.88	-0.02	-636.24	0.0	-292.11	1195.60	-3.97	3.354e+04	612.88	1.819e+04
		1.819e+04	209.68	-9.69e-06	0.0	50.8	-292.11	877.48	-3.97	3.354e+04	411.28	7.080e+04
						101.5	-292.11	559.36	-3.97	3.354e+04	209.68	1.073e+05
254	2	7.636e+04	-1674.97	5.67e-03	-867.71	0.0	-761.04	-949.60	-25.02	4.312e+04	-1674.97	7.636e+04
		-6.408e+04	-4214.87	6.85e-04	0.0	50.8	-761.04	-1383.46	-25.02	4.312e+04	-2944.92	1.715e+04
						101.5	-761.04	-1817.31	-25.02	4.312e+04	-4214.87	-6.408e+04
254	3	4.533e+04	-1147.61	3.09e-03	-625.27	0.0	-567.36	-513.67	-17.76	2.068e+04	-1147.61	4.533e+04
		-3.856e+04	-2950.58	4.86e-04	0.0	50.8	-567.36	-826.30	-17.76	2.068e+04	-2049.09	1.132e+04
						101.5	-567.36	-1138.93	-17.76	2.068e+04	-2950.58	-3.856e+04
254	17	-6.910e+04	-3.104e+05	0.01	-636.24	0.0	-2911.96	-2612.80	-3854.45	8.443e+04	-3.104e+05	-6.910e+04
		-3.658e+05	-6.865e+05	0.08	0.0	50.8	-2911.96	-2930.92	-3854.45	8.443e+04	-4.985e+05	-2.094e+05
						101.5	-2911.96	-3249.04	-3854.45	8.443e+04	-6.865e+05	-3.658e+05
254	20	2.831e+05	6.805e+05	-5.71e-03	-636.24	0.0	1767.86	1472.74	3818.16	-3.657e+04	3.081e+05	1.667e+05
		1.667e+05	3.081e+05	-0.08	0.0	50.8	1767.86	1154.62	3818.16	-3.657e+04	4.943e+05	2.330e+05
						101.5	1767.86	836.50	3818.16	-3.657e+04	6.805e+05	2.831e+05
254	29	-2.854e+05	-3.435e+05	0.02	-636.24	0.0	-1868.34	-6206.49	-3779.29	-2806.98	-3.435e+05	-2.854e+05
		-9.476e+05	-6.477e+05	-0.02	0.0	50.8	-1868.34	-6524.61	-3779.29	-2806.98	-4.956e+05	-6.084e+05
						101.5	-1868.34	-6842.72	-3779.29	-2806.98	-6.477e+05	-9.476e+05
254	30	7.753e+05	9.422e+05	-0.02	-636.24	0.0	-410.67	4495.53	6002.90	7580.13	2.535e+05	3.511e+05
		3.511e+05	2.535e+05	-0.06	0.0	50.8	-410.67	4177.41	6002.90	7580.13	5.978e+05	5.713e+05
						101.5	-410.67	3859.29	6002.90	7580.13	9.422e+05	7.753e+05
254	31	-2.535e+05	-2.559e+05	0.02	-636.24	0.0	-733.44	-5635.60	-6039.20	4.028e+04	-2.559e+05	-2.535e+05
		-8.580e+05	-9.483e+05	0.06	0.0	50.8	-733.44	-5953.72	-6039.20	4.028e+04	-6.021e+05	-5.477e+05
						101.5	-733.44	-6271.84	-6039.20	4.028e+04	-9.483e+05	-8.580e+05
254	32	8.649e+05	6.416e+05	-0.01	-636.24	0.0	724.24	5066.42	3743.00	5.066e+04	3.412e+05	3.831e+05
		3.831e+05	3.412e+05	0.02	0.0	50.8	724.24	4748.30	3743.00	5.066e+04	4.914e+05	6.320e+05
						101.5	724.24	4430.18	3743.00	5.066e+04	6.416e+05	8.649e+05
254	49	-1.505e+04	-1.751e+05	7.41e-03	-636.24	0.0	-1914.40	-1679.59	-2159.62	5.884e+04	-1.751e+05	-1.505e+04
		-2.174e+05	-3.856e+05	0.05	0.0	50.8	-1914.40	-1997.71	-2159.62	5.884e+04	-2.803e+05	-1.081e+05
						101.5	-1914.40	-2315.83	-2159.62	5.884e+04	-3.856e+05	-2.174e+05
254	52	1.355e+05	3.795e+05	-2.27e-03	-636.24	0.0	770.29	539.52	2123.32	-1.099e+04	1.728e+05	1.127e+05
		1.127e+05	1.728e+05	-0.05	0.0	50.8	770.29	221.40	2123.32	-1.099e+04	2.761e+05	1.317e+05
						101.5	770.29	-96.72	2123.32	-1.099e+04	3.795e+05	1.347e+05
254	61	-1.311e+05	-1.843e+05	0.01	-636.24	0.0	-1296.21	-3602.76	-1952.31	8595.99	-1.843e+05	-1.311e+05
		-5.290e+05	-3.365e+05	-0.01	0.0	50.8	-1296.21	-3920.88	-1952.31	8595.99	-2.604e+05	-3.220e+05
						101.5	-1296.21	-4239.00	-1952.31	8595.99	-3.365e+05	-5.290e+05
254	62	3.951e+05	5.044e+05	-7.21e-03	-636.24	0.0	-499.38	2134.83	3223.25	1.447e+04	1.313e+05	2.105e+05
		2.105e+05	1.313e+05	-0.03	0.0	50.8	-499.38	1816.71	3223.25	1.447e+04	3.178e+05	3.109e+05
						101.5	-499.38	1498.59	3223.25	1.447e+04	5.044e+05	3.951e+05
254	63	-1.129e+05	-1.337e+05	0.01	-636.24	0.0	-644.73	-3274.89	-3259.54	3.338e+04	-1.337e+05	-1.129e+05
		-4.778e+05	-5.104e+05	0.03	0.0	50.8	-644.73	-3593.01	-3259.54	3.338e+04	-3.220e+05	-2.873e+05
						101.5	-644.73	-3911.13	-3259.54	3.338e+04	-5.104e+05	-4.778e+05
254	64	4.463e+05	3.305e+05	-6.68e-03	-636.24	0.0	152.11	2462.69	1916.01	3.926e+04	1.819e+05	2.287e+05
		2.287e+05	1.819e+05	0.01	0.0	50.8	152.11	2144.57	1916.01	3.926e+04	2.562e+05	3.456e+05
						101.5	152.11	1826.45	1916.01	3.926e+04	3.305e+05	4.463e+05
254	69	4.533e+04	-1147.61	3.09e-03	-625.27	0.0	-567.36	-513.67	-17.76	2.068e+04	-1147.61	4.533e+04
		-3.856e+04	-2950.58	4.86e-04	0.0	50.8	-567.36	-826.30	-17.76	2.068e+04	-2049.09	1.132e+04
						101.5	-567.36	-1138.93	-17.76	2.068e+04	-2950.58	-3.856e+04
254	70	5.695e+04	-1269.66	4.19e-03	-661.84	0.0	-583.01	-701.56	-19.05	3.151e+04	-1269.66	5.695e+04
		-4.786e+04	-3203.32	5.22e-04	0.0	50.8	-583.01	-1032.48	-19.05	3.151e+04	-2236.49	1.294e+04
						101.5	-583.01	-1363.40	-19.05	3.151e+04	-3203.32	-4.786e+04
254	71	4.533e+04	-1147.61	3.09e-03	-625.27	0.0	-567.36	-513.67	-17.76	2.068e+04	-1147.61	4.533e+04

		-3.856e+04	-2950.58	4.86e-04	0.0	50.8	-567.36	-826.30	-17.76	2.068e+04	-2049.09	1.132e+04
						101.5	-567.36	-1138.93	-17.76	2.068e+04	-2950.58	-3.856e+04
254	72	5.114e+04	-1208.63	3.64e-03	-643.55	0.0	-575.18	-607.61	-18.40	2.609e+04	-1208.63	5.114e+04
		-4.321e+04	-3076.95	5.04e-04	0.0	50.8	-575.18	-929.39	-18.40	2.609e+04	-2142.79	1.213e+04
						101.5	-575.18	-1251.17	-18.40	2.609e+04	-3076.95	-4.321e+04
254	73	4.533e+04	-1147.61	3.09e-03	-625.27	0.0	-567.36	-513.67	-17.76	2.068e+04	-1147.61	4.533e+04
		-3.856e+04	-2950.58	4.86e-04	0.0	50.8	-567.36	-826.30	-17.76	2.068e+04	-2049.09	1.132e+04
						101.5	-567.36	-1138.93	-17.76	2.068e+04	-2950.58	-3.856e+04
254	74	4.881e+04	-1184.22	3.42e-03	-636.24	0.0	-572.05	-570.03	-18.15	2.393e+04	-1184.22	4.881e+04
		-4.135e+04	-3026.40	4.97e-04	0.0	50.8	-572.05	-888.15	-18.15	2.393e+04	-2105.31	1.181e+04
						101.5	-572.05	-1206.27	-18.15	2.393e+04	-3026.40	-4.135e+04
255	1	3.500e+04	3197.50	-0.02	-815.78	0.0	-872.41	2648.02	-13.95	-2.245e+04	3197.50	-1.924e+05
		-1.924e+05	1781.63	6.10e-05	0.0	50.8	-872.41	2240.61	-13.95	-2.245e+04	2489.56	-6.837e+04
						101.5	-872.41	1832.23	-13.95	-2.245e+04	1781.63	3.500e+04
255	2	4.254e+04	2898.70	-0.03	-871.20	0.0	-941.74	3304.20	-12.75	-5.093e+04	2898.70	-2.487e+05
		-2.487e+05	1604.78	-6.82e-05	0.0	50.8	-941.74	2869.18	-12.75	-5.093e+04	2251.74	-9.202e+04
						101.5	-941.74	2433.00	-12.75	-5.093e+04	1604.78	4.254e+04
255	3	2.692e+04	2459.62	-0.02	-627.53	0.0	-671.09	2036.94	-10.73	-1.727e+04	2459.62	-1.480e+05
		-1.480e+05	1370.48	4.70e-05	0.0	50.8	-671.09	1723.55	-10.73	-1.727e+04	1915.05	-5.259e+04
						101.5	-671.09	1409.41	-10.73	-1.727e+04	1370.48	2.692e+04
255	4	3.447e+04	2160.82	-0.02	-682.94	0.0	-740.42	2693.12	-9.53	-4.575e+04	2160.82	-2.043e+05
		-2.043e+05	1193.63	-6.25e-05	0.0	50.8	-740.42	2352.11	-9.53	-4.575e+04	1677.22	-7.625e+04
						101.5	-740.42	2010.18	-9.53	-4.575e+04	1193.63	3.447e+04
255	14	-3.845e+04	-5.055e+05	-7.88e-03	-638.61	0.0	-3158.76	2656.56	-664.17	-9.298e+04	-6.762e+05	-2.765e+05
		-2.765e+05	-6.762e+05	-0.03	0.0	50.8	-3158.76	2337.66	-664.17	-9.298e+04	-5.909e+05	-1.494e+05
						101.5	-3158.76	2017.96	-664.17	-9.298e+04	-5.055e+05	-3.845e+04
255	15	9.531e+04	6.810e+05	-0.03	-638.61	0.0	1788.86	1679.78	643.19	4.705e+04	6.810e+05	-4.206e+04
		-4.206e+04	5.082e+05	0.03	0.0	50.8	1788.86	1360.87	643.19	4.705e+04	5.946e+05	3.473e+04
						101.5	1788.86	1041.17	643.19	4.705e+04	5.082e+05	9.531e+04
255	29	8.887e+05	5.801e+05	-0.06	-638.61	0.0	-771.40	-1624.56	-3040.02	-4.090e+04	5.801e+05	8.887e+05
		6.171e+05	3.740e+05	-0.10	0.0	50.8	-771.40	-1943.47	-3040.02	-4.090e+04	4.770e+05	6.171e+05
						101.5	-771.40	-2263.17	-3040.02	-4.090e+04	3.740e+05	6.171e+05
255	30	-6.346e+05	-5.903e+05	0.03	-638.61	0.0	-1313.43	5565.52	1989.47	-5.789e+04	-8.947e+05	-1.093e+06
		-1.093e+06	-8.947e+05	0.04	0.0	50.8	-1313.43	5246.62	1989.47	-5.789e+04	-7.425e+05	-8.557e+05
						101.5	-1313.43	4926.91	1989.47	-5.789e+04	-5.903e+05	-6.346e+05
255	31	7.743e+05	8.995e+05	-0.06	-638.61	0.0	-56.47	-1229.18	-2010.45	1.195e+04	8.995e+05	7.743e+05
		6.915e+05	5.929e+05	-0.04	0.0	50.8	-56.47	-1548.09	-2010.45	1.195e+04	7.462e+05	7.410e+05
						101.5	-56.47	-1867.79	-2010.45	1.195e+04	5.929e+05	6.915e+05
255	32	-5.602e+05	-3.713e+05	0.03	-638.61	0.0	-598.51	5960.90	3019.04	-5031.78	-5.753e+05	-1.207e+06
		-1.207e+06	-5.753e+05	0.10	0.0	50.8	-598.51	5641.99	3019.04	-5031.78	-4.733e+05	-8.756e+05
						101.5	-598.51	5322.29	3019.04	-5031.78	-3.713e+05	-5.602e+05
255	46	-4255.42	-2.855e+05	-0.01	-638.61	0.0	-2109.88	2417.03	-415.33	-6.337e+04	-3.807e+05	-2.177e+05
		-2.177e+05	-3.807e+05	-0.02	0.0	50.8	-2109.88	2098.12	-415.33	-6.337e+04	-3.331e+05	-1.029e+05
						101.5	-2109.88	1778.42	-415.33	-6.337e+04	-2.855e+05	-4255.42
255	47	6.112e+04	3.855e+05	-0.02	-638.61	0.0	739.98	1919.31	394.36	1.743e+04	3.855e+05	-1.009e+05
		-1.009e+05	2.882e+05	0.02	0.0	50.8	739.98	1600.40	394.36	1.743e+04	3.369e+05	-1.179e+04
						101.5	739.98	1280.70	394.36	1.743e+04	2.882e+05	6.112e+04
255	61	4.053e+05	2.989e+05	-0.04	-638.61	0.0	-734.63	126.08	-1635.71	-3.332e+04	2.989e+05	4.053e+05
		3.427e+05	1.923e+05	-0.05	0.0	50.8	-734.63	-192.83	-1635.71	-3.332e+04	2.456e+05	3.821e+05
						101.5	-734.63	-512.53	-1635.71	-3.332e+04	1.923e+05	3.427e+05
255	62	-3.289e+05	-3.166e+05	8.76e-03	-638.61	0.0	-1046.55	3982.86	1018.27	-4.310e+04	-4.793e+05	-6.578e+05
		-6.578e+05	-4.793e+05	0.02	0.0	50.8	-1046.55	3663.95	1018.27	-4.310e+04	-3.979e+05	-4.852e+05
						101.5	-1046.55	3344.25	1018.27	-4.310e+04	-3.166e+05	-3.289e+05
255	63	3.857e+05	4.841e+05	-0.04	-638.61	0.0	-323.36	353.48	-1039.25	-2840.13	4.841e+05	3.392e+05
		3.392e+05	3.193e+05	-0.02	0.0	50.8	-323.36	34.57	-1039.25	-2840.13	4.017e+05	3.706e+05
						101.5	-323.36	-285.13	-1039.25	-2840.13	3.193e+05	3.857e+05
255	64	-2.858e+05	-1.896e+05	9.28e-03	-638.61	0.0	-635.27	4210.27	1614.74	-1.262e+04	-2.941e+05	-7.238e+05
		-7.238e+05	-2.941e+05	0.05	0.0	50.8	-635.27	3891.36	1614.74	-1.262e+04	-2.419e+05	-4.967e+05
						101.5	-635.27	3571.66	1614.74	-1.262e+04	-1.896e+05	-2.858e+05
255	69	2.692e+04	2459.62	-0.02	-627.53	0.0	-671.09	2036.94	-10.73	-1.727e+04	2459.62	-1.480e+05
		-1.480e+05	1370.48	4.70e-05	0.0	50.8	-671.09	1723.55	-10.73	-1.727e+04	1915.05	-5.259e+04
						101.5	-671.09	1409.41	-10.73	-1.727e+04	1370.48	2.692e+04
255	70	3.195e+04	2260.42	-0.02	-664.47	0.0	-717.31	2474.39	-9.93	-3.626e+04	2260.42	-1.855e+05
		-1.855e+05	1252.58	-4.86e-05	0.0	50.8	-717.31	2142.59	-9.93	-3.626e+04	1756.50	-6.836e+04
						101.5	-717.31	1809.92	-9.93	-3.626e+04	1252.58	3.195e+04
255	71	2.692e+04	2459.62	-0.02	-627.53	0.0	-671.09	2036.94	-10.73	-1.727e+04	2459.62	-1.480e+05
		-1.480e+05	1370.48	4.70e-05	0.0	50.8	-671.09	1723.55	-10.73	-1.727e+04	1915.05	-5.259e+04
						101.5	-671.09	1409.41	-10.73	-1.727e+04	1370.48	2.692e+04
255	72	2.944e+04	2360.02	-0.02	-646.00	0.0	-694.20	2255.66	-10.33	-2.676e+04	2360.02	-1.668e+05
		-1.668e+05	1311.53	-3.71e-05	0.0	50.8	-694.20	1933.07	-10.33	-2.676e+04	1835.77	-6.048e+04
						101.5	-694.20	1609.66	-10.33	-2.676e+04	1311.53	2.944e+04
255	73	2.692e+04	2459.62	-0.02	-627.53	0.0	-671.09	2036.94	-10.73	-1.727e+04	2459.62	-1.480e+05
		-1.480e+05	1370.48	4.70e-05	0.0	50.8	-671.09	1723.55	-10.73	-1.727e+04	1915.05	-5.259e+04
						101.5	-671.09	1409.41	-10.73	-1.727e+04	1370.48	2.692e+04
255	74	2.843e+04	2399.86	-0.02	-638.61	0.0	-684.95	2168.17	-10.49	-2.297e+04	2399.86	-1.593e+05
		-1.593e+05	1335.11	-3.30e-05	0.0	50.8	-684.95	1849.26	-10.49	-2.297e+04	1867.48	-5.732e+04
						101.5	-684.95	1529.56	-10.49	-2.297e+04	1335.11	2.843e+04

256	1	1.325e+04	496.88	0.01	-823.29	0.0	-314.57	256.45	2.22 -1.604e+05	271.85	9211.84
		-6601.78	271.85	-1.06e-03	0.0	50.8	-314.57	-156.07	2.22 -1.604e+05	384.37	1.175e+04
						101.5	-314.57	-566.84	2.22 -1.604e+05	496.88	-6601.78
256	2	7051.75	1126.58	0.01	-880.11	0.0	-278.60	189.42	-10.18 -1.757e+05	1126.58	5023.28
		-2.049e+04	93.30	-5.69e-04	0.0	50.8	-278.60	-251.67	-10.18 -1.757e+05	609.94	3434.76
						101.5	-278.60	-690.69	-10.18 -1.757e+05	93.30	-2.049e+04
256	4	4139.77	1063.85	0.01	-690.12	0.0	-206.01	130.24	-10.69 -1.387e+05	1063.85	2897.47
		-1.897e+04	-21.36	-3.26e-04	0.0	50.8	-206.01	-215.65	-10.69 -1.387e+05	521.24	722.75
						101.5	-206.01	-559.88	-10.69 -1.387e+05	-21.36	-1.897e+04
256	18	4.562e+04	3.092e+05	0.02	-644.66	0.0	-1376.06	1094.56	6815.78 -2.214e+05 -3.898e+05	-2.994e+04	1.602e+04
		-2.994e+04	-3.898e+05	-0.24	0.0	50.8	-1376.06	771.52	6815.78 -2.214e+05 -4.032e+04	1.602e+04	4.562e+04
						101.5	-1376.06	449.89	6815.78 -2.214e+05 3.092e+05	4.562e+04	3.81e-03
256	19	4.243e+04	3.906e+05	3.81e-03	-644.66	0.0	906.50	-726.83	-6817.32 -3.148e+04 3.906e+05	4.243e+04	0.24
		-6.134e+04	-3.086e+05	0.24	0.0	50.8	906.50	-1049.87	-6817.32 -3.148e+04 4.100e+04	-1271.29	0.0
						101.5	906.50	-1371.50	-6817.32 -3.148e+04 -3.086e+05	-6.134e+04	3.906e+05
256	26	2.545e+05	3.053e+05	0.04	-644.66	0.0	-1455.79	4051.31	6621.90 -1.389e+05 -3.699e+05	-1.232e+05	0.04
		-1.232e+05	-3.699e+05	-0.14	0.0	50.8	-1455.79	3728.28	6621.90 -1.389e+05 -3.230e+04	7.383e+04	-0.14
						101.5	-1455.79	3406.65	6621.90 -1.389e+05 3.053e+05	2.545e+05	3.053e+05
256	27	1.357e+05	3.706e+05	-0.02	-644.66	0.0	986.23	-3683.59	-6623.45 -1.140e+05 3.706e+05	1.357e+05	-0.02
		-2.702e+05	-3.047e+05	0.14	0.0	50.8	986.23	-4006.62	-6623.45 -1.140e+05 3.298e+04	-5.908e+04	0.14
						101.5	986.23	-4328.25	-6623.45 -1.140e+05 -3.047e+05	-2.702e+05	-3.047e+05
256	30	3.943e+05	2.983e+05	0.04	-644.66	0.0	-1294.03	5403.11	6342.74 -1.269e+05 -3.558e+05	-1.694e+05	0.04
		-1.694e+05	-3.558e+05	-0.10	0.0	50.8	-1294.03	5080.08	6342.74 -1.269e+05 -2.876e+04	1.207e+05	-0.10
						101.5	-1294.03	4758.45	6342.74 -1.269e+05 2.983e+05	3.943e+05	2.983e+05
256	31	1.819e+05	3.566e+05	-0.02	-644.66	0.0	824.47	-5035.38	-6344.28 -1.260e+05 3.566e+05	1.819e+05	-0.02
		-4.100e+05	-2.977e+05	0.10	0.0	50.8	824.47	-5358.42	-6344.28 -1.260e+05 2.944e+04	-1.059e+05	0.10
						101.5	824.47	-5680.05	-6344.28 -1.260e+05 -2.977e+05	-4.100e+05	-2.977e+05
256	50	1.880e+04	1.747e+05	0.01	-644.66	0.0	-884.53	649.60	3852.82 -1.814e+05 -2.206e+05	-1.280e+04	0.01
		-1.280e+04	-2.206e+05	-0.14	0.0	50.8	-884.53	326.56	3852.82 -1.814e+05 -2.294e+04	1.118e+04	-0.14
						101.5	-884.53	4.93	3852.82 -1.814e+05 1.747e+05	1.880e+04	-2.206e+05
256	51	2.529e+04	2.213e+05	7.19e-03	-644.66	0.0	414.97	-281.87	-3854.37 -7.151e+04 2.213e+05	2.529e+04	7.19e-03
		-3.451e+04	-1.741e+05	0.14	0.0	50.8	414.97	-604.90	-3854.37 -7.151e+04 2.362e+04	3572.37	0.14
						101.5	414.97	-926.53	-3854.37 -7.151e+04 -1.741e+05	-3.451e+04	-1.741e+05
256	58	1.329e+05	1.646e+05	0.03	-644.66	0.0	-900.86	2261.79	3569.17 -1.337e+05 -1.995e+05	-6.345e+04	0.03
		-6.345e+04	-1.995e+05	-0.08	0.0	50.8	-900.86	1938.76	3569.17 -1.337e+05 -1.743e+04	4.291e+04	-0.08
						101.5	-900.86	1617.13	3569.17 -1.337e+05 1.646e+05	1.329e+05	1.646e+05
256	59	7.595e+04	2.002e+05	-4.62e-03	-644.66	0.0	431.30	-1894.06	-3570.72 -1.192e+05 2.002e+05	7.595e+04	-4.62e-03
		-1.486e+05	-1.640e+05	0.08	0.0	50.8	431.30	-2217.10	-3570.72 -1.192e+05 1.811e+04	-2.815e+04	0.08
						101.5	431.30	-2538.73	-3570.72 -1.192e+05 -1.640e+05	-1.486e+05	-1.640e+05
256	62	2.102e+05	1.596e+05	0.03	-644.66	0.0	-819.11	2993.64	3397.79 -1.273e+05 -1.914e+05	-8.868e+04	0.03
		-8.868e+04	-1.914e+05	-0.06	0.0	50.8	-819.11	2670.60	3397.79 -1.273e+05 -1.589e+04	6.893e+04	-0.06
						101.5	-819.11	2348.97	3397.79 -1.273e+05 1.596e+05	2.102e+05	1.596e+05
256	63	1.012e+05	1.922e+05	-6.78e-03	-644.66	0.0	349.55	-2625.91	-3399.34 -1.256e+05 1.922e+05	1.012e+05	-6.78e-03
		-2.259e+05	-1.590e+05	0.06	0.0	50.8	349.55	-2948.94	-3399.34 -1.256e+05 1.658e+04	-5.418e+04	0.06
						101.5	349.55	-3270.57	-3399.34 -1.256e+05 -1.590e+05	-2.259e+05	-1.590e+05
256	69	1.019e+04	382.22	0.01	-633.30	0.0	-241.97	197.27	1.71 -1.234e+05 209.12	7086.03	0.01
		-5078.29	209.12	-8.12e-04	0.0	50.8	-241.97	-120.05	1.71 -1.234e+05 295.67	9040.06	-8.12e-04
						101.5	-241.97	-436.03	1.71 -1.234e+05 382.22	-5078.29	209.12
256	70	6028.57	778.94	0.01	-671.18	0.0	-218.00	152.58	-6.56 -1.336e+05 778.94	4293.65	0.01
		-1.434e+04	113.17	-4.88e-04	0.0	50.8	-218.00	-183.79	-6.56 -1.336e+05 446.05	3495.18	-4.88e-04
						101.5	-218.00	-518.60	-6.56 -1.336e+05 113.17	-1.434e+04	113.17
256	71	1.019e+04	382.22	0.01	-633.30	0.0	-241.97	197.27	1.71 -1.234e+05 209.12	7086.03	0.01
		-5078.29	209.12	-8.12e-04	0.0	50.8	-241.97	-120.05	1.71 -1.234e+05 295.67	9040.06	-8.12e-04
						101.5	-241.97	-436.03	1.71 -1.234e+05 382.22	-5078.29	209.12
256	72	8052.45	494.03	0.01	-652.24	0.0	-229.99	174.93	-2.43 -1.285e+05 494.03	5689.84	0.01
		-9707.64	247.69	-6.50e-04	0.0	50.8	-229.99	-151.92	-2.43 -1.285e+05 370.86	6267.62	-6.50e-04
						101.5	-229.99	-477.31	-2.43 -1.285e+05 247.69	-9707.64	247.69
256	73	1.019e+04	382.22	0.01	-633.30	0.0	-241.97	197.27	1.71 -1.234e+05 209.12	7086.03	0.01
		-5078.29	209.12	-8.12e-04	0.0	50.8	-241.97	-120.05	1.71 -1.234e+05 295.67	9040.06	-8.12e-04
						101.5	-241.97	-436.03	1.71 -1.234e+05 382.22	-5078.29	209.12
256	74	8874.60	380.06	0.01	-644.66	0.0	-234.78	183.86	-0.77 -1.265e+05 380.06	628.32	0.01
		-7855.90	301.50	-7.15e-04	0.0	50.8	-234.78	-139.17	-0.77 -1.265e+05 340.78	7376.59	-7.15e-04
						101.5	-234.78	-460.80	-0.77 -1.265e+05 301.50	-7855.90	301.50
257	1	1.765e+05	2073.02	-7.43e-03	-812.85	0.0	-344.51	1186.17	-10.83 7.226e+04 2073.02	9.737e+04	-7.43e-03
		9.737e+04	973.82	-3.27e-05	0.0	50.8	-344.51	779.75	-10.83 7.226e+04 1523.42	1.473e+05	-3.27e-05
						101.5	-344.51	373.32	-10.83 7.226e+04 973.82	1.765e+05	2073.02
257	2	2.180e+05	2483.77	-0.01	-867.71	0.0	-326.51	1403.43	-13.05 8.746e+04 2483.77	1.195e+05	-0.01
		1.195e+05	1158.88	1.66e-04	0.0	50.8	-326.51	969.57	-13.05 8.746e+04 1821.32	1.797e+05	1.66e-04
						101.5	-326.51	535.71	-13.05 8.746e+04 1158.88	2.180e+05	1158.88
257	3	1.358e+05	1594.63	-5.71e-03	-625.27	0.0	-265.00	912.44	-8.33 5.559e+04 1594.63	7.490e+04	-5.71e-03
		7.490e+04	749.09	-2.52e-05	0.0	50.8	-265.00	599.81	-8.33 5.559e+04 1171.86	1.133e+05	-2.52e-05
						101.5	-265.00	287.17	-8.33 5.559e+04 749.09	1.358e+05	749.09
257	4	1.772e+05	2005.38	-8.65e-03	-680.13	0.0	-247.01	1129.69	-10.55 7.079e+04 2005.38	9.705e+04	-8.65e-03
		9.705e+04	934.15	1.64e-04	0.0	50.8	-247.01	789.63	-10.55 7.079e+04 1469.77	1.458e+05	1.64e-04
						101.5	-247.01	449.56	-10.55 7.079e+04 934.15	1.772e+05	2005.38
257	21	5.050e+05	-2.822e+05	0.02	-636.24	0.0	882.43	-2525.83	4012.14 1.214e+04 -6.844e+05	5.050e+05	0.02
		2.172e+05	-6.844e+05	-0.16	0.0	50.8	882.43	-2843.95	4012.14 1.214e+04 -4.833e+05	3.692e+05	-0.16

						101.5	882.43	-3162.07	4012.14	1.214e+04	-2.822e+05	2.172e+05
257	24	7.095e+04	6.877e+05	-0.03	-636.24	0.0	-1405.24	4437.61	-4029.69	1.051e+05	6.877e+05	-3.463e+05
		-3.463e+05	2.837e+05	0.16	0.0	50.8	-1405.24	4119.49	-4029.69	1.051e+05	4.857e+05	-1.296e+05
						101.5	-1405.24	3801.37	-4029.69	1.051e+05	2.837e+05	7.095e+04
257	25	4.983e+05	-2.809e+05	0.02	-636.24	0.0	830.72	-2458.06	4111.09	4663.11	-6.924e+05	4.983e+05
		2.175e+05	-6.924e+05	-0.17	0.0	50.8	830.72	-2776.18	4111.09	4663.11	-4.867e+05	3.660e+05
						101.5	830.72	-3094.30	4111.09	4663.11	-2.809e+05	2.175e+05
257	28	7.063e+04	6.958e+05	-0.03	-636.24	0.0	-1353.53	4369.84	-4128.64	1.126e+05	6.958e+05	-3.396e+05
		-3.396e+05	2.825e+05	0.17	0.0	50.8	-1353.53	4051.72	-4128.64	1.126e+05	4.891e+05	-1.264e+05
						101.5	-1353.53	3733.60	-4128.64	1.126e+05	2.825e+05	7.063e+04
257	53	3.090e+05	-1.508e+05	7.44e-03	-636.24	0.0	373.35	-925.77	2124.27	3.352e+04	-3.634e+05	3.090e+05
		1.832e+05	-3.634e+05	-0.09	0.0	50.8	373.35	-1243.89	2124.27	3.352e+04	-2.571e+05	2.542e+05
						101.5	373.35	-1562.01	2124.27	3.352e+04	-1.508e+05	1.832e+05
257	56	1.049e+05	3.667e+05	-0.02	-636.24	0.0	-896.16	2837.55	-2141.81	8.373e+04	3.667e+05	-1.503e+05
		-1.503e+05	1.524e+05	0.09	0.0	50.8	-896.16	2519.43	-2141.81	8.373e+04	2.595e+05	-1.463e+04
						101.5	-896.16	2201.31	-2141.81	8.373e+04	1.524e+05	1.049e+05
257	57	3.051e+05	-1.502e+05	7.27e-03	-636.24	0.0	344.08	-886.73	2181.65	2.919e+04	-3.681e+05	3.051e+05
		1.834e+05	-3.681e+05	-0.09	0.0	50.8	344.08	-1204.85	2181.65	2.919e+04	-2.591e+05	2.524e+05
						101.5	344.08	-1522.97	2181.65	2.919e+04	-1.502e+05	1.834e+05
257	60	1.047e+05	3.715e+05	-0.02	-636.24	0.0	-866.89	2798.51	-2199.20	8.806e+04	3.715e+05	-1.465e+05
		-1.465e+05	1.517e+05	0.09	0.0	50.8	-866.89	2480.39	-2199.20	8.806e+04	2.616e+05	-1.280e+04
						101.5	-866.89	2162.27	-2199.20	8.806e+04	1.517e+05	1.047e+05
257	69	1.358e+05	1594.63	-5.71e-03	-625.27	0.0	-265.00	912.44	-8.33	5.559e+04	1594.63	7.490e+04
		7.490e+04	749.09	-2.52e-05	0.0	50.8	-265.00	599.81	-8.33	5.559e+04	1171.86	1.133e+05
						101.5	-265.00	287.17	-8.33	5.559e+04	749.09	1.358e+05
257	70	1.634e+05	1868.46	-7.67e-03	-661.85	0.0	-253.01	1057.28	-9.81	6.572e+04	1868.46	8.967e+04
		8.967e+04	872.46	1.12e-04	0.0	50.8	-253.01	726.35	-9.81	6.572e+04	1370.46	1.834e+05
						101.5	-253.01	395.43	-9.81	6.572e+04	872.46	1.634e+05
257	71	1.358e+05	1594.63	-5.71e-03	-625.27	0.0	-265.00	912.44	-8.33	5.559e+04	1594.63	7.490e+04
		7.490e+04	749.09	-2.52e-05	0.0	50.8	-265.00	599.81	-8.33	5.559e+04	1171.86	1.133e+05
						101.5	-265.00	287.17	-8.33	5.559e+04	749.09	1.358e+05
257	72	1.496e+05	1731.55	-6.68e-03	-643.56	0.0	-259.01	984.86	-9.07	6.065e+04	1731.55	8.228e+04
		8.228e+04	810.78	6.02e-05	0.0	50.8	-259.01	663.08	-9.07	6.065e+04	1271.16	1.241e+05
						101.5	-259.01	341.30	-9.07	6.065e+04	810.78	1.496e+05
257	73	1.358e+05	1594.63	-5.71e-03	-625.27	0.0	-265.00	912.44	-8.33	5.559e+04	1594.63	7.490e+04
		7.490e+04	749.09	-2.52e-05	0.0	50.8	-265.00	599.81	-8.33	5.559e+04	1171.86	1.133e+05
						101.5	-265.00	287.17	-8.33	5.559e+04	749.09	1.358e+05
257	74	1.441e+05	1676.78	-6.29e-03	-636.24	0.0	-261.41	955.89	-8.77	5.863e+04	1676.78	7.933e+04
		7.933e+04	786.10	3.94e-05	0.0	50.8	-261.41	637.77	-8.77	5.863e+04	1231.44	1.198e+05
						101.5	-261.41	319.65	-8.77	5.863e+04	786.10	1.441e+05
258	1	3.587e+04	966.11	3.68e-03	-812.85	0.0	-515.63	251.41	32.30	-5869.11	-2312.91	3.192e+04
		1.618e+04	-2312.91	-2.03e-03	0.0	50.8	-515.63	-155.02	32.30	-5869.11	-673.40	3.437e+04
						101.5	-515.63	-561.44	32.30	-5869.11	966.11	1.618e+04
258	2	4.460e+04	1297.31	3.92e-03	-867.71	0.0	-476.04	275.71	40.14	-5501.43	-2777.05	4.015e+04
		2.410e+04	-2777.05	-2.37e-03	0.0	50.8	-476.04	-158.15	40.14	-5501.43	-739.87	4.314e+04
						101.5	-476.04	-592.01	40.14	-5501.43	1297.31	2.410e+04
258	3	2.759e+04	743.16	2.83e-03	-625.27	0.0	-396.64	193.39	24.85	-4514.70	-1779.16	2.455e+04
		1.245e+04	-1779.16	-1.56e-03	0.0	50.8	-396.64	-119.25	24.85	-4514.70	-518.00	2.644e+04
						101.5	-396.64	-431.88	24.85	-4514.70	743.16	1.245e+04
258	4	3.632e+04	1074.36	3.07e-03	-680.13	0.0	-357.05	217.69	32.68	-4147.02	-2243.30	3.279e+04
		2.036e+04	-2243.30	-1.90e-03	0.0	50.8	-357.05	-122.38	32.68	-4147.02	-584.47	3.520e+04
						101.5	-357.05	-462.44	32.68	-4147.02	1074.36	2.036e+04
258	13	1.851e+05	2.079e+05	0.02	-636.24	0.0	1736.12	-2334.15	7305.69	-9.993e+04	-5.410e+05	1.851e+05
		-8.577e+04	-5.410e+05	-0.20	0.0	50.8	1736.12	-2652.27	7305.69	-9.993e+04	-1.665e+05	5.774e+04
						101.5	1736.12	-2970.39	7305.69	-9.993e+04	2.079e+05	-8.577e+04
258	16	1.138e+05	5.372e+05	-0.01	-636.24	0.0	-2513.56	2730.65	-7252.86	9.105e+04	5.372e+05	-1.327e+05
		-1.327e+05	-2.063e+05	0.20	0.0	50.8	-2513.56	2412.53	-7252.86	9.105e+04	1.655e+05	-1361.44
						101.5	-2513.56	2094.41	-7252.86	9.105e+04	-2.063e+05	1.138e+05
258	21	4.271e+05	1.982e+05	0.03	-636.24	0.0	942.77	-6516.08	5136.26	6695.14	-3.266e+05	4.271e+05
		-2.668e+05	-3.266e+05	6.38e-03	0.0	50.8	942.77	-6834.20	5136.26	6695.14	-6.424e+04	2.620e+04
						101.5	942.77	-7152.32	5136.26	6695.14	1.982e+05	8.868e+05
258	24	2.949e+05	3.229e+05	-0.02	-636.24	0.0	-1720.21	6912.58	-5083.44	-1.558e+04	3.229e+05	-3.747e+05
		-3.747e+05	-1.966e+05	-9.64e-03	0.0	50.8	-1720.21	6594.46	-5083.44	-1.558e+04	6.318e+04	-3.182e+04
						101.5	-1720.21	6276.34	-5083.44	-1.558e+04	-1.966e+05	2.949e+05
258	45	1.134e+05	1.187e+05	0.01	-636.24	0.0	832.13	-1185.67	4182.26	-6.021e+04	-3.101e+05	1.134e+05
		-4.016e+04	-3.101e+05	-0.12	0.0	50.8	832.13	-1503.80	4182.26	-6.021e+04	-9.569e+04	4.469e+04
						101.5	832.13	-1821.92	4182.26	-6.021e+04	1.187e+05	-4.016e+04
258	48	6.823e+04	3.063e+05	-5.16e-03	-636.24	0.0	-1609.57	1582.17	-4129.44	5.132e+04	3.063e+05	-6.100e+04
		-6.100e+04	-1.171e+05	0.11	0.0	50.8	-1609.57	1264.05	-4129.44	5.132e+04	9.463e+04	1.168e+04
						101.5	-1609.57	945.93	-4129.44	5.132e+04	-1.171e+05	6.823e+04
258	53	2.429e+05	1.093e+05	0.02	-636.24	0.0	363.22	-3427.00	2830.26	-329.14	-1.800e+05	2.429e+05
		-1.374e+05	-1.800e+05	-1.09e-03	0.0	50.8	363.22	-3745.12	2830.26	-329.14	-3.535e+04	6.081e+04
						101.5	363.22	-4063.24	2830.26	-329.14	1.093e+05	-1.374e+05
258	56	1.655e+05	1.763e+05	-0.01	-636.24	0.0	-1140.66	3823.50	-2777.43	-8553.19	1.763e+05	-1.905e+05
		-1.905e+05	-1.077e+05	-2.17e-03	0.0	50.8	-1140.66	3505.38	-2777.43	-8553.19	3.429e+04	-4435.80
						101.5	-1140.66	3187.26	-2777.43	-8553.19	-1.077e+05	1.655e+05
258	69	2.759e+04	743.16	2.83e-03	-625.27	0.0	-396.64	193.39	24.85	-4514.70	-1779.16	2.455e+04

		1.245e+04	-1779.16	-1.56e-03	0.0	50.8	-396.64	-119.25	24.85	-4514.70	-518.00	2.644e+04
						101.5	-396.64	-431.88	24.85	-4514.70	743.16	1.245e+04
258	70	3.341e+04	963.96	2.99e-03	-661.85	0.0	-370.24	209.59	30.07	-4269.58	-2088.59	3.004e+04
		1.772e+04	-2088.59	-1.79e-03	0.0	50.8	-370.24	-121.33	30.07	-4269.58	-562.31	3.228e+04
						101.5	-370.24	-452.25	30.07	-4269.58	963.96	1.772e+04
258	71	2.759e+04	743.16	2.83e-03	-625.27	0.0	-396.64	193.39	24.85	-4514.70	-1779.16	2.455e+04
		1.245e+04	-1779.16	-1.56e-03	0.0	50.8	-396.64	-119.25	24.85	-4514.70	-518.00	2.644e+04
						101.5	-396.64	-431.88	24.85	-4514.70	743.16	1.245e+04
258	72	3.050e+04	853.56	2.91e-03	-643.56	0.0	-383.44	201.49	27.46	-4392.14	-1933.87	2.730e+04
		1.509e+04	-1933.87	-1.68e-03	0.0	50.8	-383.44	-120.29	27.46	-4392.14	-540.16	2.936e+04
						101.5	-383.44	-442.07	27.46	-4392.14	853.56	1.509e+04
258	73	2.759e+04	743.16	2.83e-03	-625.27	0.0	-396.64	193.39	24.85	-4514.70	-1779.16	2.455e+04
		1.245e+04	-1779.16	-1.56e-03	0.0	50.8	-396.64	-119.25	24.85	-4514.70	-518.00	2.644e+04
						101.5	-396.64	-431.88	24.85	-4514.70	743.16	1.245e+04
258	74	2.934e+04	809.40	2.88e-03	-636.24	0.0	-388.72	198.25	26.41	-4441.16	-1871.99	2.620e+04
		1.403e+04	-1871.99	-1.63e-03	0.0	50.8	-388.72	-119.87	26.41	-4441.16	-531.29	2.819e+04
						101.5	-388.72	-437.99	26.41	-4441.16	809.40	1.403e+04
259	1	1.022e+05	1059.92	-3.92e-03	-812.85	0.0	-590.20	511.51	-35.20	1.303e+04	1059.92	8.587e+04
		8.587e+04	-2513.55	1.27e-03	0.0	50.8	-590.20	105.08	-35.20	1.303e+04	-726.81	1.015e+05
						101.5	-590.20	-301.34	-35.20	1.303e+04	-2513.55	9.654e+04
259	2	1.287e+05	1151.56	-4.28e-03	-867.71	0.0	-568.52	544.09	-38.67	1.435e+04	1151.56	1.114e+05
		1.114e+05	-2773.64	1.41e-03	0.0	50.8	-568.52	110.24	-38.67	1.435e+04	-811.04	1.280e+05
						101.5	-568.52	-323.62	-38.67	1.435e+04	-2773.64	1.226e+05
259	3	7.862e+04	815.33	-3.02e-03	-625.27	0.0	-454.00	393.47	-27.08	1.002e+04	815.33	6.605e+04
		6.605e+04	-1933.50	9.77e-04	0.0	50.8	-454.00	80.83	-27.08	1.002e+04	-559.09	7.809e+04
						101.5	-454.00	-231.80	-27.08	1.002e+04	-1933.50	7.426e+04
259	4	1.051e+05	906.96	-3.38e-03	-680.13	0.0	-432.32	426.06	-30.54	1.134e+04	906.96	9.157e+04
		9.157e+04	-2193.59	1.11e-03	0.0	50.8	-432.32	85.99	-30.54	1.134e+04	-643.31	1.046e+05
						101.5	-432.32	-254.08	-30.54	1.134e+04	-2193.59	1.003e+05
259	10	1.804e+05	-2.247e+05	-8.53e-03	-636.24	0.0	2606.66	681.14	1878.46	-6.541e+04	-2.247e+05	6.305e+04
		6.305e+04	-2.575e+05	-0.10	0.0	50.8	2606.66	363.02	1878.46	-6.541e+04	-2.411e+05	1.298e+05
						101.5	2606.66	44.90	1878.46	-6.541e+04	-2.575e+05	1.804e+05
259	11	7.926e+04	2.535e+05	2.85e-03	-636.24	0.0	-3505.99	118.83	-1934.01	8.598e+04	2.264e+05	7.926e+04
		-2.150e+04	2.264e+05	0.10	0.0	50.8	-3505.99	-199.29	-1934.01	8.598e+04	2.399e+05	3.695e+04
						101.5	-3505.99	-517.42	-1934.01	8.598e+04	2.535e+05	-2.150e+04
259	22	3.480e+05	1.056e+05	-0.05	-636.24	0.0	35.53	4869.96	-3964.35	-2.570e+04	1.056e+05	-1.384e+05
		-1.384e+05	-3.639e+05	0.06	0.0	50.8	35.53	4551.84	-3964.35	-2.570e+04	-1.291e+05	1.129e+05
						101.5	35.53	4233.72	-3964.35	-2.570e+04	-3.639e+05	3.480e+05
259	23	2.807e+05	3.599e+05	0.04	-636.24	0.0	-934.86	-4069.99	3908.80	4.627e+04	-1.040e+05	2.807e+05
		-1.890e+05	-1.040e+05	-0.06	0.0	50.8	-934.86	-4388.11	3908.80	4.627e+04	1.280e+05	5.391e+04
						101.5	-934.86	-4706.23	3908.80	4.627e+04	3.599e+05	-1.890e+05
259	26	3.420e+05	1.560e+05	-0.05	-636.24	0.0	-57.95	5205.58	-5843.95	1.416e+04	1.560e+05	-1.465e+05
		-1.465e+05	-4.011e+05	0.13	0.0	50.8	-57.95	4887.46	-5843.95	1.416e+04	-1.226e+05	1.059e+05
						101.5	-57.95	4569.34	-5843.95	1.416e+04	-4.011e+05	3.420e+05
259	27	2.888e+05	3.971e+05	0.05	-636.24	0.0	-841.38	-4405.61	5788.41	6416.28	-1.543e+05	2.888e+05
		-1.831e+05	-1.543e+05	-0.13	0.0	50.8	-841.38	-4723.73	5788.41	6416.28	1.214e+05	6.091e+04
						101.5	-841.38	-5041.85	5788.41	6416.28	3.971e+05	-1.831e+05
259	42	1.347e+05	-1.317e+05	-5.59e-03	-636.24	0.0	1312.20	523.11	1139.33	-3.323e+04	-1.317e+05	6.871e+04
		6.871e+04	-1.451e+05	-0.06	0.0	50.8	1312.20	204.99	1139.33	-3.323e+04	-1.384e+05	1.098e+05
						101.5	1312.20	-113.13	1139.33	-3.323e+04	-1.451e+05	1.347e+05
259	43	7.360e+04	1.411e+05	-9.63e-04	-636.24	0.0	-2211.53	276.86	-1194.87	5.381e+04	1.334e+05	7.360e+04
		2.424e+04	1.334e+05	0.06	0.0	50.8	-2211.53	-41.26	-1194.87	5.381e+04	1.373e+05	5.699e+04
						101.5	-2211.53	-359.38	-1194.87	5.381e+04	1.411e+05	2.424e+04
259	46	1.333e+05	-3.081e+04	-0.01	-636.24	0.0	974.26	1327.66	-2582.72	4.192e+04	-3.081e+04	4.527e+04
		4.527e+04	-2.231e+05	0.08	0.0	50.8	974.26	1009.54	-2582.72	4.192e+04	-1.270e+05	9.734e+04
						101.5	974.26	691.42	-2582.72	4.192e+04	-2.231e+05	1.333e+05
259	47	9.704e+04	2.192e+05	8.62e-03	-636.24	0.0	-1873.59	-527.69	2527.18	-2.135e+04	3.248e+04	9.704e+04
		2.567e+04	3.248e+04	-0.08	0.0	50.8	-1873.59	-845.81	2527.18	-2.135e+04	1.258e+05	6.943e+04
						101.5	-1873.59	-1163.94	2527.18	-2.135e+04	2.192e+05	2.567e+04
259	54	2.242e+05	5.233e+04	-0.03	-636.24	0.0	-168.52	2792.14	-2063.22	-1.036e+04	5.233e+04	-4.060e+04
		-4.060e+04	-1.958e+05	0.03	0.0	50.8	-168.52	2474.02	-2063.22	-1.036e+04	-7.175e+04	9.986e+04
						101.5	-168.52	2155.90	-2063.22	-1.036e+04	-1.958e+05	2.242e+05
259	55	1.829e+05	1.919e+05	0.02	-636.24	0.0	-730.81	-1992.17	2007.67	3.093e+04	-5.066e+04	1.829e+05
		-6.524e+04	-5.066e+04	-0.03	0.0	50.8	-730.81	-2310.29	2007.67	3.093e+04	7.060e+04	6.691e+04
						101.5	-730.81	-2628.41	2007.67	3.093e+04	1.919e+05	-6.524e+04
259	69	7.862e+04	815.33	-3.02e-03	-625.27	0.0	-454.00	393.47	-27.08	1.002e+04	815.33	6.605e+04
		6.605e+04	-1933.50	9.77e-04	0.0	50.8	-454.00	80.83	-27.08	1.002e+04	-559.09	7.809e+04
						101.5	-454.00	-231.80	-27.08	1.002e+04	-1933.50	7.426e+04
259	70	9.628e+04	876.42	-3.25e-03	-661.85	0.0	-439.55	415.19	-29.39	1.090e+04	876.42	8.306e+04
		8.306e+04	-2106.89	1.07e-03	0.0	50.8	-439.55	84.27	-29.39	1.090e+04	-615.24	9.574e+04
						101.5	-439.55	-246.65	-29.39	1.090e+04	-2106.89	9.162e+04
259	71	7.862e+04	815.33	-3.02e-03	-625.27	0.0	-454.00	393.47	-27.08	1.002e+04	815.33	6.605e+04
		6.605e+04	-1933.50	9.77e-04	0.0	50.8	-454.00	80.83	-27.08	1.002e+04	-559.09	7.809e+04
						101.5	-454.00	-231.80	-27.08	1.002e+04	-1933.50	7.426e+04
259	72	8.745e+04	845.87	-3.13e-03	-643.56	0.0	-446.77	404.33	-28.23	1.046e+04	845.87	7.456e+04
		7.456e+04	-2020.20	1.02e-03	0.0	50.8	-446.77	82.55	-28.23	1.046e+04	-587.16	8.691e+04
						101.5	-446.77	-239.23	-28.23	1.046e+04	-2020.20	8.294e+04

259	73	7.862e+04 6.605e+04	815.33 -1933.50	-3.02e-03 9.77e-04	-625.27 0.0	0.0 50.8	-454.00 -454.00	393.47 80.83	-27.08 -27.08	1.002e+04 1.002e+04	815.33 -559.09	6.605e+04 7.809e+04
						101.5	-454.00	-231.80	-27.08	1.002e+04	-1933.50	7.426e+04
259	74	8.392e+04 7.116e+04	833.65 -1985.52	-3.08e-03 1.00e-03	-636.24 0.0	0.0 50.8	-449.67 -449.67	399.98 81.86	-27.77 -27.77	1.029e+04 1.029e+04	833.65 -575.93	7.116e+04 8.338e+04
						101.5	-449.67	-236.26	-27.77	1.029e+04	-1985.52	7.947e+04
260	1	1.315e+05 1.173e+05	301.89 -725.99	-0.01 3.13e-04	-812.85 0.0	0.0 50.8	-371.68 -371.68	476.26 69.84	-10.13 -10.13	-5.443e+04 -5.443e+04	301.89 -212.05	1.173e+05 1.312e+05
						101.5	-371.68	-336.59	-10.13	-5.443e+04	-725.99	1.244e+05
260	2	1.608e+05 1.443e+05	319.88 -821.77	-0.01 3.80e-04	-867.71 0.0	0.0 50.8	-337.06 -337.06	531.15 97.30	-11.25 -11.25	-5.749e+04 -5.749e+04	319.88 -250.95	1.443e+05 1.602e+05
						101.5	-337.06	-336.56	-11.25	-5.749e+04	-821.77	1.542e+05
260	3	1.011e+05 9.025e+04	232.22 -558.45	-7.76e-03 2.41e-04	-625.27 0.0	0.0 50.8	-285.91 -285.91	366.36 53.72	-7.79 -7.79	-4.187e+04 -4.187e+04	232.22 -163.12	9.025e+04 1.009e+05
						101.5	-285.91	-258.91	-7.79	-4.187e+04	-558.45	9.571e+04
260	4	1.304e+05 1.172e+05	250.22 -654.24	-8.57e-03 3.08e-04	-680.13 0.0	0.0 50.8	-251.29 -251.29	421.25 81.18	-8.91 -8.91	-4.493e+04 -4.493e+04	250.22 -202.01	1.172e+05 1.300e+05
						101.5	-251.29	-258.89	-8.91	-4.493e+04	-654.24	1.254e+05
260	5	2.270e+05-7.028e+04 8.446e+04-3.770e+05	-0.01 0.33	-636.24 0.0	0.0 50.8	0.0 50.8	1162.26 1162.26	-102.10 -420.22	-3560.31 -3560.31	1.093e+05-7.028e+04 1.093e+05-2.237e+05	2.270e+05 1.638e+05	2.270e+05 8.446e+04
						101.5	1162.26	-738.34	-3560.31	1.093e+05-3.770e+05	8.446e+04	6.753e+04
260	6	1.654e+05-2.092e+04 6.753e+04-5.166e+05	-0.02 0.37	-636.24 0.0	0.0 50.8	0.0 50.8	725.77 725.77	2242.64 1924.52	-5358.98 -5358.98	1.046e+05-2.092e+04 1.046e+05-2.688e+05	6.753e+04 1.245e+05	1.654e+05 6.753e+04
						101.5	725.77	1606.40	-5358.98	1.046e+05-5.166e+05	1.654e+05	5.154e+05
260	7	1.238e+05 5.154e+05 3.793e+04 2.139e+04	4.50e-03 -0.36	-636.24 0.0	0.0 50.8	0.0 50.8	-1283.74 -1283.74	-1487.97 -1806.09	5342.96 5342.96	-1.895e+05 2.139e+04 -1.895e+05 2.684e+05	1.238e+05 8.892e+04	5.154e+05 3.793e+04
						101.5	-1283.74	-2124.21	5342.96	-1.895e+05 5.154e+05	8.892e+04	3.793e+04
260	8	1.188e+05 3.759e+05 -3.574e+04 7.076e+04	-4.77e-03 -0.33	-636.24 0.0	0.0 50.8	0.0 50.8	-1720.22 -1720.22	856.77 538.65	3544.28 3544.28	-1.943e+05 7.076e+04 -1.943e+05 2.233e+05	-3.574e+04 4.963e+04	3.759e+05 1.188e+05
						101.5	-1720.22	220.53	3544.28	-1.943e+05 3.759e+05	1.188e+05	7.076e+04
260	21	3.770e+05 9.812e+04 -2.622e+04-9.580e+04	5.19e-03 0.05	-636.24 0.0	0.0 50.8	0.0 50.8	815.39 815.39	-3322.68 -3640.80	1654.29 1654.29	1.029e+04-9.580e+04 1.029e+04 9.812e+04	9.812e+04 -2.622e+04	9.812e+04 1.834e+05
						101.5	815.39	-3958.92	1654.29	1.029e+04 9.812e+04	-2.622e+04	1.834e+05
260	24	2.295e+05 9.627e+04 -1.857e+05-9.927e+04	-0.02 -0.05	-636.24 0.0	0.0 50.8	0.0 50.8	-1373.35 -1373.35	4077.35 3759.23	-1670.32 -1670.32	-9.526e+04 9.627e+04 -9.526e+04 -1502.55	-1.857e+05 3.000e+04	9.627e+04 2.295e+05
						101.5	-1373.35	3441.11	-1670.32	-9.526e+04-9.927e+04	2.295e+05	9.927e+04
260	37	1.682e+05-3.940e+04 9.281e+04-2.198e+05	-9.73e-03 0.19	-636.24 0.0	0.0 50.8	0.0 50.8	553.90 553.90	127.86 -190.27	-2086.13 -2086.13	4.490e+04-3.940e+04 4.490e+04-1.296e+05	1.682e+05 1.386e+05	3.940e+04 9.281e+04
						101.5	553.90	-508.39	-2086.13	4.490e+04-2.198e+05	9.281e+04	2.198e+05
260	38	1.359e+05-1.294e+04 8.120e+04-2.936e+05	-0.01 0.21	-636.24 0.0	0.0 50.8	0.0 50.8	308.07 308.07	1396.09 1077.97	-3034.67 -3034.67	4.232e+04-1.294e+04 4.232e+04-1.533e+05	8.120e+04 1.666e+05	1.294e+04 2.936e+05
						101.5	308.07	759.85	-3034.67	4.232e+04-2.936e+05	1.666e+05	2.936e+05
260	39	1.101e+05 2.925e+05 6.736e+04 1.341e+04	-2.02e-03 -0.21	-636.24 0.0	0.0 50.8	0.0 50.8	-866.03 -866.03	-641.42 -959.54	3018.65 3018.65	-1.273e+05 1.341e+04 -1.273e+05 1.529e+05	1.101e+05 9.679e+04	2.925e+05 6.736e+04
						101.5	-866.03	-1277.67	3018.65	-1.273e+05 2.925e+05	6.736e+04	1.341e+04
260	40	1.105e+05 2.187e+05 2.308e+04 3.987e+04	-6.11e-03 -0.19	-636.24 0.0	0.0 50.8	0.0 50.8	-1111.87 -1111.87	626.81 308.69	2070.10 2070.10	-1.299e+05 3.987e+04 -1.299e+05 1.293e+05	2.187e+05 7.486e+04	2.187e+05 3.987e+04
						101.5	-1111.87	-9.43	2070.10	-1.299e+05 2.187e+05	1.05e+05	3.987e+04
260	53	2.494e+05 4.556e+04 3.358e+04-5.178e+04	-2.65e-03 0.03	-636.24 0.0	0.0 50.8	0.0 50.8	343.73 343.73	-1621.00 -1939.12	807.18 807.18	-1.236e+04-5.178e+04 -1.236e+04 -3113.59	2.494e+05 1.496e+05	4.556e+04 3.358e+04
						101.5	343.73	-2257.24	807.18	-1.236e+04 4.556e+04	3.358e+04	5.178e+04
260	56	1.697e+05 5.226e+04 -5.809e+04-4.671e+04	-0.02 -0.03	-636.24 0.0	0.0 50.8	0.0 50.8	-901.70 -901.70	2375.67 2057.55	-823.20 -823.20	-7.261e+04 5.226e+04 -7.261e+04 2771.81	-5.809e+04 6.389e+04	5.226e+04 1.697e+05
						101.5	-901.70	1739.43	-823.20	-7.261e+04-4.671e+04	1.697e+05	4.671e+04
260	69	1.011e+05 232.22 9.025e+04 -558.45	-7.76e-03 2.41e-04	-625.27 0.0	0.0 50.8	0.0 50.8	-285.91 -285.91	366.36 53.72	-7.79 -7.79	-4.187e+04 -4.187e+04	232.22 -163.12	9.025e+04 1.009e+05
						101.5	-285.91	-258.91	-7.79	-4.187e+04	-558.45	9.571e+04
260	70	1.207e+05 244.22 1.082e+05 -622.31	-8.30e-03 2.86e-04	-661.85 0.0	0.0 50.8	0.0 50.8	-262.83 -262.83	402.95 72.03	-8.54 -8.54	-4.391e+04 -4.391e+04	244.22 -189.05	1.082e+05 1.203e+05
						101.5	-262.83	-258.90	-8.54	-4.391e+04	-622.31	1.055e+05
260	71	1.011e+05 232.22 9.025e+04 -558.45	-7.76e-03 2.41e-04	-625.27 0.0	0.0 50.8	0.0 50.8	-285.91 -285.91	366.36 53.72	-7.79 -7.79	-4.187e+04 -4.187e+04	232.22 -163.12	9.025e+04 1.009e+05
						101.5	-285.91	-258.91	-7.79	-4.187e+04	-558.45	9.571e+04
260	72	1.109e+05 238.22 9.924e+04 -590.38	-8.03e-03 2.63e-04	-643.56 0.0	0.0 50.8	0.0 50.8	-274.37 -274.37	384.65 62.87	-8.16 -8.16	-4.289e+04 -4.289e+04	238.22 -176.08	9.924e+04 1.106e+05
						101.5	-274.37	-258.90	-8.16	-4.289e+04	-590.38	1.056e+05
260	73	1.011e+05 232.22 9.025e+04 -558.45	-7.76e-03 2.41e-04	-625.27 0.0	0.0 50.8	0.0 50.8	-285.91 -285.91	366.36 53.72	-7.79 -7.79	-4.187e+04 -4.187e+04	232.22 -163.12	9.025e+04 1.009e+05
						101.5	-285.91	-258.91	-7.79	-4.187e+04	-558.45	9.571e+04
260	74	1.070e+05 235.82 9.564e+04 -577.61	-7.92e-03 2.54e-04	-636.24 0.0	0.0 50.8	0.0 50.8	-278.98 -278.98	377.33 59.21	-8.01 -8.01	-4.248e+04 -4.248e+04	235.82 -170.89	9.564e+04 1.067e+05
						101.5	-278.98	-258.91	-8.01	-4.248e+04	-577.61	1.017e+05
261	1	1.090e+05 -2466.00 -7.052e+04 -3881.87	0.03 -2.08e-04	-831.50 0.0	0.0 50.8	0.0 50.8	-872.41 -872.41	-1352.48 -1767.73	-13.95 -13.95	2.037e+04 2.037e+04	-2466.00 -3173.94	1.090e+05 2.977e+04
						101.5	-872.41	-2183.97	-13.95	2.037e+04	-3881.87	7.052e+04
261	2	1.401e+05 -2277.00 -8.772e+04 -3570.92	0.04 -2.90e-04	-889.85 0.0	0.0 50.8	0.0 50.8	-941.74 -941.74	-1799.45 -2243.79	-12.75 -12.75	4.452e+04 4.452e+04	-2277.00 -2923.96	1.401e+05 3.747e+04

261	3	8.381e+04	-1896.92	0.03	-639.61	101.5	-941.74	-2689.30	-12.75	4.452e+04	-3570.92	-8.772e+04
		-5.424e+04	-2986.06	-1.60e-04	0.0	50.8	-671.09	-1040.37	-10.73	1.567e+04	-1896.92	8.381e+04
						101.5	-671.09	-1359.79	-10.73	1.567e+04	-2441.49	2.290e+04
261	4	1.149e+05	-1707.92	0.03	-697.97	101.5	-671.09	-1679.98	-10.73	1.567e+04	-2986.06	-5.424e+04
		-7.144e+04	-2675.11	-2.42e-04	0.0	50.8	-740.42	-1487.34	-9.53	3.982e+04	-1707.92	1.149e+05
						101.5	-740.42	-1835.85	-9.53	3.982e+04	-2191.51	3.060e+04
261	17	-9.438e+04	1.985e+05	0.02	-651.28	101.5	-740.42	-2185.30	-9.53	3.982e+04	-2675.11	-7.144e+04
		-3.943e+05	-2.594e+05	-0.13	0.0	50.8	-3227.36	-2640.70	1429.03	-5.260e+04	-2.594e+05	-9.438e+04
						101.5	-3227.36	-2965.94	1429.03	-5.260e+04	-3.044e+04	-2.361e+05
261	20	2.851e+05	2.557e+05	0.04	-651.28	101.5	-3227.36	-3291.98	1429.03	-5.260e+04	1.985e+05	-3.943e+05
		2.745e+05	-2.044e+05	0.13	0.0	50.8	1857.46	381.18	-1450.00	9.360e+04	2.557e+05	2.745e+05
						101.5	1857.46	55.93	-1450.00	9.360e+04	2.565e+04	2.850e+05
261	29	-4.081e+05	-2.156e+05	0.02	-651.28	101.5	1857.46	-270.10	-1450.00	9.360e+04	-2.044e+05	2.790e+05
		-9.424e+05	-4.110e+05	-0.02	0.0	50.8	-1827.43	-4938.91	-1904.08	1934.72	-2.156e+05	-4.081e+05
						101.5	-1827.43	-5264.16	-1904.08	1934.72	-3.133e+05	-6.670e+05
261	30	7.328e+05	6.866e+05	0.03	-651.28	101.5	-1827.43	-5590.19	-1904.08	1934.72	-4.110e+05	-9.424e+05
		5.367e+05	3.672e+05	-0.04	0.0	50.8	-250.95	2256.02	3173.68	-1.497e+04	3.672e+05	5.367e+05
						101.5	-250.95	1930.77	3173.68	-1.497e+04	5.269e+05	6.430e+05
261	31	-3.566e+05	-3.709e+05	0.03	-651.28	101.5	-250.95	1604.73	3173.68	-1.497e+04	6.866e+05	7.328e+05
		-8.482e+05	-6.924e+05	0.04	0.0	50.8	-1118.95	-4515.54	-3194.66	5.597e+04	-3.709e+05	-3.566e+05
						101.5	-1118.95	-4840.78	-3194.66	5.597e+04	-5.317e+05	-5.941e+05
261	32	8.271e+05	4.051e+05	0.03	-651.28	101.5	-1118.95	-5166.82	-3194.66	5.597e+04	-6.924e+05	-8.482e+05
		5.882e+05	2.118e+05	0.02	0.0	50.8	0.0	-2679.39	1883.10	3.907e+04	2.118e+05	5.882e+05
						101.5	0.0	-2282.30	1883.10	3.907e+04	3.085e+05	7.159e+05
261	49	-1.037e+04	1.215e+05	0.02	-651.28	101.5	457.53	2354.15	1883.10	3.907e+04	4.051e+05	8.271e+05
		-2.414e+05	-1.461e+05	-0.08	0.0	50.8	457.53	2028.11	857.93	-2.167e+04	-1.461e+05	-1.037e+04
						101.5	-2149.40	-1957.06	857.93	-2.167e+04	-1.231e+05	-1.176e+05
261	52	1.904e+05	1.424e+05	0.03	-651.28	101.5	-2149.40	-2608.34	857.93	-2.167e+04	1.215e+05	-2.414e+05
		1.261e+05	-1.273e+05	0.08	0.0	50.8	0.0	-302.47	-878.91	6.267e+04	1.424e+05	1.904e+05
						101.5	0.0	-627.71	-878.91	6.267e+04	7522.71	1.665e+05
261	61	-1.782e+05	-1.106e+05	0.02	-651.28	101.5	779.50	-953.75	-878.91	6.267e+04	-1.273e+05	1.261e+05
		-5.342e+05	-2.109e+05	-0.01	0.0	50.8	779.50	-3181.88	-976.66	9786.41	-1.106e+05	-1.782e+05
						101.5	-1339.92	-3507.12	-976.66	9786.41	-1.608e+05	-3.480e+05
261	62	3.645e+05	3.683e+05	0.03	-651.28	101.5	-1339.92	-3833.16	-976.66	9786.41	-2.109e+05	-5.342e+05
		3.287e+05	1.969e+05	-0.02	0.0	50.8	0.0	-436.43	1704.25	56.91	1.969e+05	3.287e+05
						101.5	0.0	-436.43	1704.25	56.91	2.826e+05	3.549e+05
261	63	-1.486e+05	-2.006e+05	0.03	-651.28	101.5	-436.43	26.32	1704.25	56.91	3.683e+05	3.645e+05
		-4.799e+05	-3.741e+05	0.02	0.0	50.8	-933.47	-2937.12	-1725.23	4.095e+04	-2.006e+05	-1.486e+05
						101.5	-933.47	-3262.37	-1725.23	4.095e+04	-2.874e+05	-3.060e+05
261	64	4.189e+05	2.051e+05	0.03	-651.28	101.5	-933.47	-3588.40	-1725.23	4.095e+04	-3.741e+05	-4.799e+05
		3.583e+05	1.069e+05	0.01	0.0	50.8	0.0	-29.98	955.68	3.122e+04	1.069e+05	3.583e+05
						101.5	0.0	-29.98	955.68	3.122e+04	1.560e+05	3.968e+05
261	69	8.381e+04	-1896.92	0.03	-639.61	101.5	-29.98	271.08	955.68	3.122e+04	2.051e+05	4.189e+05
		-5.424e+04	-2986.06	-1.60e-04	0.0	50.8	-671.09	-1040.37	-10.73	1.567e+04	-1896.92	8.381e+04
						101.5	-671.09	-1359.79	-10.73	1.567e+04	-2441.49	2.290e+04
261	70	1.046e+05	-1770.92	0.03	-678.51	101.5	-671.09	-1679.98	-10.73	1.567e+04	-2986.06	-5.424e+04
		-6.571e+04	-2778.76	-2.15e-04	0.0	50.8	-717.31	-1338.35	-9.93	3.177e+04	-1770.92	1.046e+05
						101.5	-717.31	-1677.17	-9.93	3.177e+04	-2274.84	2.804e+04
261	71	8.381e+04	-1896.92	0.03	-639.61	101.5	-717.31	-2016.86	-9.93	3.177e+04	-2778.76	-6.571e+04
		-5.424e+04	-2986.06	-1.60e-04	0.0	50.8	-671.09	-1040.37	-10.73	1.567e+04	-1896.92	8.381e+04
						101.5	-671.09	-1359.79	-10.73	1.567e+04	-2441.49	2.290e+04
261	72	9.419e+04	-1833.92	0.03	-659.06	101.5	-671.09	-1679.98	-10.73	1.567e+04	-2986.06	-5.424e+04
		-5.998e+04	-2882.41	-1.87e-04	0.0	50.8	-694.20	-1189.36	-10.33	2.372e+04	-1833.92	9.419e+04
						101.5	-694.20	-1518.48	-10.33	2.372e+04	-2358.16	2.547e+04
261	73	8.381e+04	-1896.92	0.03	-639.61	101.5	-694.20	-1848.42	-10.33	2.372e+04	-2882.41	-5.998e+04
		-5.424e+04	-2986.06	-1.60e-04	0.0	50.8	-671.09	-1040.37	-10.73	1.567e+04	-1896.92	8.381e+04
						101.5	-671.09	-1359.79	-10.73	1.567e+04	-2441.49	2.290e+04
261	74	9.004e+04	-1859.12	0.03	-651.28	101.5	-671.09	-1679.98	-10.73	1.567e+04	-2986.06	-5.424e+04
		-5.768e+04	-2923.87	-1.76e-04	0.0	50.8	-684.95	-1129.76	-10.49	2.050e+04	-1859.12	9.004e+04
						101.5	-684.95	-1455.01	-10.49	2.050e+04	-2391.49	2.444e+04
262	2	5.029e+05	3279.70	0.03	-2274.41	101.5	-684.95	-1781.04	-10.49	2.050e+04	-2923.87	-5.768e+04
		2.961e+05	1675.14	-8.33e-04	0.0	50.5	0.0	-1687.62	15.89	-1.306e+04	3279.70	5.029e+05
						101.0	0.0	-2048.24	15.89	-1.306e+04	2477.42	4.282e+05
262	3	3.176e+05	2331.59	0.02	-1536.47	101.0	-1687.62	-3185.45	15.89	-1.306e+04	3279.70	2.961e+05
		1.862e+05	1476.46	-4.04e-04	0.0	50.5	-1140.22	-532.77	8.47	-7605.42	1476.46	3.176e+05
						101.0	-1140.22	-1301.00	8.47	-7605.42	1904.02	2.713e+05
262	4	4.076e+05	2580.22	0.02	-1813.47	101.0	-1140.22	-2069.24	8.47	-7605.42	2331.59	1.862e+05
		2.402e+05	1232.20	-7.12e-04	0.0	50.5	-1345.55	-751.21	13.35	-1.078e+04	1232.20	4.076e+05
						101.0	-1345.55	-1657.94	13.35	-1.078e+04	1906.21	3.468e+05
262	17	3.614e+05	1.192e+05	0.04	-1591.87	101.0	-1345.55	-2564.68	13.35	-1.078e+04	2580.22	2.402e+05
		5.136e+04	9.118e+04	-0.09	0.0	50.5	0.0	-4367.78	-752.38	-1.594e+05	1.192e+05	3.614e+05
						101.0	0.0	-3052.68	-752.38	-1.594e+05	1.052e+05	2.265e+05
262	34	3.295e+05	2.914e+05	-0.01	-1591.87	101.0	-4367.78	-3848.62	-752.38	-1.594e+05	9.118e+04	5.136e+04
		1.931e+05	-1.043e+05	0.35	0.0	50.5	-8640.79	-562.41	-2406.28	3.846e+05	2.914e+05	3.295e+05
						101.0	-8640.79	-1358.34	-2406.28	3.846e+05	9.355e+04	2.814e+05
262	35	3.417e+05	1.091e+05	0.05	-1591.87	101.0	-8640.79	-2154.28	-2406.28	3.846e+05	-1.043e+05	1.931e+05
						6278.21	-590.51	2425.17	-4.011e+05	-2.886e+05	3.417e+05	

		2.009e+05	-2.886e+05	-0.35	0.0	50.5	6278.21	-1386.44	2425.17	-4.011e+05	-8.974e+04	2.914e+05
						101.0	6278.21	-2182.38	2425.17	-4.011e+05	1.091e+05	2.009e+05
262	49	3.505e+05	7.089e+04	0.03	-1591.87	0.0	-3107.72	-1542.04	-458.03	-8.929e+04	7.089e+04	3.505e+05
		1.133e+05	5.321e+04	-0.05	0.0	50.5	-3107.72	-2337.97	-458.03	-8.929e+04	6.205e+04	2.520e+05
						101.0	-3107.72	-3133.91	-458.03	-8.929e+04	5.321e+04	1.133e+05
262	66	3.322e+05	1.631e+05	3.76e-03	-1591.87	0.0	-5189.33	-579.94	-1291.34	1.985e+05	1.631e+05	3.322e+05
		1.937e+05	-5.865e+04	0.18	0.0	50.5	-5189.33	-1375.88	-1291.34	1.985e+05	5.225e+04	2.830e+05
						101.0	-5189.33	-2171.81	-1291.34	1.985e+05	-5.865e+04	1.937e+05
262	67	3.390e+05	6.341e+04	0.04	-1591.87	0.0	2826.75	-572.97	1310.22	-2.150e+05	-1.603e+05	3.390e+05
		2.003e+05	-1.603e+05	-0.18	0.0	50.5	2826.75	-1368.90	1310.22	-2.150e+05	-4.844e+04	2.898e+05
						101.0	2826.75	-2164.84	1310.22	-2.150e+05	6.341e+04	2.003e+05
262	69	3.176e+05	2331.59	0.02	-1536.47	0.0	-1140.22	-532.77	8.47	-7605.42	1476.46	3.176e+05
		1.862e+05	1476.46	-4.04e-04	0.0	50.5	-1140.22	-1301.00	8.47	-7605.42	1904.02	2.713e+05
						101.0	-1140.22	-2069.24	8.47	-7605.42	2331.59	1.862e+05
262	70	3.776e+05	2497.34	0.02	-1721.14	0.0	-1277.11	-678.39	11.72	-9722.91	1313.62	3.776e+05
		2.222e+05	1313.62	-6.09e-04	0.0	50.5	-1277.11	-1538.96	11.72	-9722.91	1905.48	3.216e+05
						101.0	-1277.11	-2399.53	11.72	-9722.91	2497.34	2.222e+05
262	71	3.176e+05	2331.59	0.02	-1536.47	0.0	-1140.22	-532.77	8.47	-7605.42	1476.46	3.176e+05
		1.862e+05	1476.46	-4.04e-04	0.0	50.5	-1140.22	-1301.00	8.47	-7605.42	1904.02	2.713e+05
						101.0	-1140.22	-2069.24	8.47	-7605.42	2331.59	1.862e+05
262	72	3.476e+05	2414.47	0.02	-1628.80	0.0	-1208.67	-605.58	10.09	-8664.17	1395.04	3.476e+05
		2.042e+05	1395.04	-5.06e-04	0.0	50.5	-1208.67	-1419.98	10.09	-8664.17	1904.75	2.965e+05
						101.0	-1208.67	-2234.38	10.09	-8664.17	2414.47	2.042e+05
262	73	3.176e+05	2331.59	0.02	-1536.47	0.0	-1140.22	-532.77	8.47	-7605.42	1476.46	3.176e+05
		1.862e+05	1476.46	-4.04e-04	0.0	50.5	-1140.22	-1301.00	8.47	-7605.42	1904.02	2.713e+05
						101.0	-1140.22	-2069.24	8.47	-7605.42	2331.59	1.862e+05
262	74	3.356e+05	2381.32	0.02	-1591.87	0.0	-1181.29	-576.46	9.44	-8240.67	1427.61	3.356e+05
		1.970e+05	1427.61	-4.65e-04	0.0	50.5	-1181.29	-1372.39	9.44	-8240.67	1904.46	2.864e+05
						101.0	-1181.29	-2168.33	9.44	-8240.67	2381.32	1.970e+05
263	2	4.188e+05	-415.32	0.01	-2947.39	0.0	-2371.92	-345.88	-24.68	1.660e+04	-415.32	4.188e+05
		2.369e+05	-2908.37	3.19e-03	0.0	50.5	-2371.92	-1792.29	-24.68	1.660e+04	-1661.85	3.650e+05
						101.0	-2371.92	-3293.27	-24.68	1.660e+04	-2908.37	2.369e+05
263	3	2.628e+05	-354.21	6.51e-03	-1972.55	0.0	-1584.31	-148.08	-17.39	6872.20	-354.21	2.628e+05
		1.494e+05	-2110.55	2.30e-03	0.0	50.5	-1584.31	-1116.68	-17.39	6872.20	-1232.38	2.310e+05
						101.0	-1584.31	-2120.63	-17.39	6872.20	-2110.55	1.494e+05
263	4	3.400e+05	-309.06	9.35e-03	-2355.63	0.0	-1896.63	-301.45	-19.47	1.454e+04	-309.06	3.400e+05
		1.920e+05	-2275.21	2.50e-03	0.0	50.5	-1896.63	-1457.29	-19.47	1.454e+04	-1292.13	2.957e+05
						101.0	-1896.63	-2657.08	-19.47	1.454e+04	-2275.21	1.920e+05
263	17	2.438e+05	1.150e+05	0.03	-2049.17	0.0	-3479.48	-1813.72	452.69	-9.240e+04	2.167e+04	2.438e+05
		-5.111e+04	2.167e+04	-0.03	0.0	50.5	-3479.48	-2819.76	452.69	-9.240e+04	6.834e+04	1.222e+05
						101.0	-3479.48	-3862.88	452.69	-9.240e+04	1.150e+05	-5.111e+04
263	20	3.729e+05	-2.236e+04	-0.01	-2049.17	0.0	185.93	1456.21	-488.30	1.092e+05	-2.236e+04	3.126e+05
		3.126e+05	-1.193e+05	0.03	0.0	50.5	185.93	450.16	-488.30	1.092e+05	-7.083e+04	3.657e+05
						101.0	185.93	-592.96	-488.30	1.092e+05	-1.193e+05	3.670e+05
263	31	2.723e+05	3.258e+05	9.49e-03	-2049.17	0.0	5436.51	212.11	-371.80	-2.443e+05	3.258e+05	2.723e+05
		1.594e+05	2.919e+05	-0.20	0.0	50.5	5436.51	-793.94	-371.80	-2.443e+05	3.088e+05	2.417e+05
						101.0	5436.51	-1837.06	-371.80	-2.443e+05	2.919e+05	1.594e+05
263	32	2.913e+05	-2.802e+05	-3.68e-03	-2049.17	0.0	-7446.52	-176.08	118.87	2.771e+05	-2.802e+05	2.908e+05
		2.027e+05	-3.271e+05	0.18	0.0	50.5	-7446.52	-1182.12	118.87	2.771e+05	-3.036e+05	2.726e+05
						101.0	-7446.52	-2225.24	118.87	2.771e+05	-3.271e+05	2.027e+05
263	34	2.779e+05	-3.043e+05	8.67e-03	-2049.17	0.0	-9217.84	-880.80	390.76	2.623e+05	-3.240e+05	2.779e+05
		1.188e+05	-3.240e+05	0.20	0.0	50.5	-9217.84	-1886.85	390.76	2.623e+05	-3.142e+05	2.242e+05
						101.0	-9217.84	-2929.97	390.76	2.623e+05	-3.043e+05	1.188e+05
263	35	2.795e+05	3.233e+05	5.48e-03	-2049.17	0.0	5924.28	523.30	-426.37	-2.455e+05	3.233e+05	2.785e+05
		1.971e+05	3.001e+05	-0.19	0.0	50.5	5924.28	-482.75	-426.37	-2.455e+05	3.117e+05	2.636e+05
						101.0	5924.28	-1525.87	-426.37	-2.455e+05	3.001e+05	1.971e+05
263	49	2.584e+05	6.125e+04	0.02	-2049.17	0.0	-2799.55	-1123.13	254.13	-4.614e+04	8320.21	2.584e+05
		3.737e+04	8320.21	-0.01	0.0	50.5	-2799.55	-2129.17	254.13	-4.614e+04	3.478e+04	1.738e+05
						101.0	-2799.55	-3172.30	254.13	-4.614e+04	6.125e+04	3.737e+04
263	52	3.149e+05	-9010.57	-7.51e-03	-2049.17	0.0	-494.00	765.62	-289.74	6.295e+04	-9010.57	2.980e+05
		2.785e+05	-6.554e+04	0.02	0.0	50.5	-494.00	-240.42	-289.74	6.295e+04	-3.727e+04	3.141e+05
						101.0	-494.00	-1283.54	-289.74	6.295e+04	-6.554e+04	2.785e+05
263	63	2.750e+05	1.743e+05	8.25e-03	-2049.17	0.0	2119.52	42.76	-221.66	-1.258e+05	1.743e+05	2.750e+05
		1.589e+05	1.549e+05	-0.10	0.0	50.5	2119.52	-963.29	-221.66	-1.258e+05	1.646e+05	2.428e+05
						101.0	2119.52	-2006.41	-221.66	-1.258e+05	1.549e+05	1.589e+05
263	64	2.852e+05	-1.486e+05	3.66e-03	-2049.17	0.0	-4671.88	-172.89	60.15	1.517e+05	-1.486e+05	2.852e+05
		1.837e+05	-1.764e+05	0.10	0.0	50.5	-4671.88	-1178.93	60.15	1.517e+05	-1.625e+05	2.603e+05
						101.0	-4671.88	-2222.05	60.15	1.517e+05	-1.764e+05	1.837e+05
263	66	2.778e+05	-1.637e+05	8.19e-03	-2049.17	0.0	-5693.92	-579.59	217.36	1.433e+05	-1.737e+05	2.778e+05
		1.353e+05	-1.737e+05	0.11	0.0	50.5	-5693.92	-1585.64	217.36	1.433e+05	-1.687e+05	2.324e+05
						101.0	-5693.92	-2628.76	217.36	1.433e+05	-1.637e+05	1.353e+05
263	67	2.786e+05	1.730e+05	5.96e-03	-2049.17	0.0	2400.37	222.08	-252.97	-1.264e+05	1.730e+05	2.786e+05
		1.806e+05	1.594e+05	-0.10	0.0	50.5	2400.37	-783.96	-252.97	-1.264e+05	1.662e+05	2.555e+05
						101.0	2400.37	-1827.08	-252.97	-1.264e+05	1.594e+05	1.806e+05
263	69	2.628e+05	-354.21	6.51e-03	-1972.55	0.0	-1584.31	-148.08	-17.39	6872.20	-354.21	2.628e+05
		1.494e+05	-2110.55	2.30e-03	0.0	50.5	-1584.31	-1116.68	-17.39	6872.20	-1232.38	2.310e+05
						101.0	-1584.31	-2120.63	-17.39	6872.20	-2110.55	1.494e+05

263	70	3.142e+05 1.778e+05	-324.11 -2220.32	8.40e-03 2.43e-03	-2227.93 0.0	0.0 50.5 101.0	-1792.52 -1792.52 -1792.52	-250.33 -1343.75 -2478.26	-18.77 -18.77 -18.77	1.198e+04 1.198e+04 1.198e+04	-324.11 -1272.21 -2220.32	3.142e+05 2.742e+05 1.778e+05
263	71	2.628e+05 1.494e+05	-354.21 -2110.55	6.51e-03 2.30e-03	-1972.55 0.0	0.0 50.5 101.0	-1584.31 -1584.31 -1584.31	-148.08 -1116.68 -2120.63	-17.39 -17.39 -17.39	6872.20 6872.20 6872.20	-354.21 -1232.38 -2110.55	2.628e+05 2.310e+05 1.494e+05
263	72	2.885e+05 1.636e+05	-339.16 -2165.43	7.46e-03 2.37e-03	-2100.24 0.0	0.0 50.5 101.0	-1688.42 -1688.42 -1688.42	-199.20 -1230.21 -2299.45	-18.08 -18.08 -18.08	9428.04 9428.04 9428.04	-339.16 -1252.30 -2165.43	2.885e+05 2.526e+05 1.636e+05
263	73	2.628e+05 1.494e+05	-354.21 -2110.55	6.51e-03 2.30e-03	-1972.55 0.0	0.0 50.5 101.0	-1584.31 -1584.31 -1584.31	-148.08 -1116.68 -2120.63	-17.39 -17.39 -17.39	6872.20 6872.20 6872.20	-354.21 -1232.38 -2110.55	2.628e+05 2.310e+05 1.494e+05
263	74	2.782e+05 1.579e+05	-345.18 -2143.48	7.08e-03 2.34e-03	-2049.17 0.0	0.0 50.5 101.0	-1646.78 -1646.78 -1646.78	-178.75 -1184.80 -2227.92	-17.80 -17.80 -17.80	8405.71 8405.71 8405.71	-345.18 -1244.33 -2143.48	2.782e+05 2.439e+05 1.579e+05
264	2	5.053e+05 1.232e+05	-859.24 -1932.14	0.05 -1.22e-03	-3416.30 0.0	0.0 50.5 101.0	-3205.02 -3205.02 -3205.02	-2075.34 -3783.49 -5491.64	10.62 10.62 10.62	2.457e+04 2.457e+04 2.457e+04	-1932.14 -1395.69 -859.24	5.053e+05 3.574e+05 1.232e+05
264	3	3.196e+05 7.801e+04	-650.88 -1385.00	0.03 -8.20e-04	-2276.40 0.0	0.0 50.5 101.0	-2134.16 -2134.16 -2134.16	-1253.82 -2392.02 -3530.22	7.27 7.27 7.27	8735.45 8735.45 8735.45	-650.88 -1017.94 -650.88	3.196e+05 2.276e+05 7.801e+04
264	18	2.475e+05 -1.867e+05	-7.903e+04 -9.568e+04	0.05 -0.03	-2367.79 0.0	0.0 50.5 101.0	-6162.93 -6162.93 -6162.93	-3116.58 -4300.47 -5484.37	122.53 122.53 122.53	1.548e+04 1.548e+04 1.548e+04	-7.903e+04 6.275e+05 -9.568e+04	2.475e+05 6.046e+04 -1.867e+05
264	19	4.316e+05 3.515e+05	9.437e+04 7.620e+04	0.02 0.03	-2367.79 0.0	0.0 50.5 101.0	1722.37 1722.37 1722.37	430.78 -753.11 -1937.01	-107.53 -107.53 -107.53	7277.81 7277.81 7277.81	7.620e+04 8.529e+04 9.437e+04	4.277e+05 4.195e+05 3.515e+05
264	21	3.228e+05 6.866e+04	3.627e+05 2.967e+05	0.04 -8.70e-03	-2367.79 0.0	0.0 50.5 101.0	3494.49 3494.49 3494.49	-1418.05 -2601.95 -3785.84	-566.52 -566.52 -566.52	-3.613e+04 -3.613e+04 -3.613e+04	3.627e+05 3.297e+05 2.967e+05	3.228e+05 2.256e+05 6.866e+04
264	24	3.524e+05 9.607e+04	-2.980e+05 -3.655e+05	0.03 7.90e-03	-2367.79 0.0	0.0 50.5 101.0	-7935.05 -7935.05 -7935.05	-1267.74 -2451.64 -3635.54	581.53 581.53 581.53	5.888e+04 5.888e+04 5.888e+04	-2.980e+05 -3.317e+05 -2.980e+05	3.524e+05 2.541e+05 9.607e+04
264	26	3.162e+05 -1.185e+04	-3.167e+05 -3.522e+05	0.04 -0.01	-2367.79 0.0	0.0 50.5 101.0	-8940.92 -8940.92 -8940.92	-1978.39 -3162.29 -4346.19	460.88 460.88 460.88	8.505e+04 8.505e+04 8.505e+04	-3.522e+05 -3.345e+05 -3.167e+05	3.162e+05 1.821e+05 -1.185e+04
264	27	3.589e+05 1.766e+05	3.494e+05 3.154e+05	0.03 8.75e-03	-2367.79 0.0	0.0 50.5 101.0	4500.36 4500.36 4500.36	-707.40 -1891.30 -3075.19	-445.88 -445.88 -445.88	-6.230e+04 -6.230e+04 -6.230e+04	3.494e+05 3.324e+05 3.154e+05	3.589e+05 2.976e+05 1.766e+05
264	50	2.856e+05 -7.262e+04	-4.224e+04 -5.205e+04	0.04 -0.02	-2367.79 0.0	0.0 50.5 101.0	-4403.77 -4403.77 -4403.77	-2364.01 -3547.91 -4731.81	66.21 66.21 66.21	1.377e+04 1.377e+04 1.377e+04	-4.224e+04 -4.714e+04 -5.205e+04	2.856e+05 1.364e+05 -7.262e+04
264	51	3.895e+05 2.373e+05	5.074e+04 3.942e+04	0.02 0.01	-2367.79 0.0	0.0 50.5 101.0	-36.79 -36.79 -36.79	-321.78 -1505.68 -2689.57	-51.20 -51.20 -51.20	8984.58 8984.58 8984.58	3.942e+04 4.508e+04 5.074e+04	3.895e+05 3.433e+05 2.373e+05
264	53	3.290e+05 7.417e+04	1.947e+05 1.595e+05	0.04 -5.17e-03	-2367.79 0.0	0.0 50.5 101.0	775.33 775.33 775.33	-1389.22 -2573.12 -3757.02	-299.13 -299.13 -299.13	-1.457e+04 -1.457e+04 -1.457e+04	1.947e+05 1.771e+05 1.595e+05	3.290e+05 2.315e+05 7.417e+04
264	56	3.461e+05 9.056e+04	-1.608e+05 -1.975e+05	0.03 4.35e-03	-2367.79 0.0	0.0 50.5 101.0	-5215.89 -5215.89 -5215.89	-1296.57 -2480.47 -3664.36	314.14 314.14 314.14	3.733e+04 3.733e+04 3.733e+04	-1.975e+05 -1.792e+05 -1.608e+05	3.461e+05 2.482e+05 9.056e+04
264	58	3.252e+05 2.827e+04	-1.713e+05 -1.900e+05	0.04 -5.80e-03	-2367.79 0.0	0.0 50.5 101.0	-5795.00 -5795.00 -5795.00	-1706.74 -2890.63 -4074.53	246.78 246.78 246.78	5.191e+04 5.191e+04 5.191e+04	-1.900e+05 -1.807e+05 -1.713e+05	3.252e+05 2.066e+05 2.827e+04
264	59	3.499e+05 1.365e+05	1.871e+05 1.700e+05	0.03 4.10e-03	-2367.79 0.0	0.0 50.5 101.0	1354.44 1354.44 1354.44	-979.05 -2162.95 -3346.85	-231.77 -231.77 -231.77	-2.915e+04 -2.915e+04 -2.915e+04	1.871e+05 1.786e+05 1.700e+05	3.499e+05 2.731e+05 1.365e+05
264	69	3.196e+05 7.801e+04	-650.88 -1385.00	0.03 -8.20e-04	-2276.40 0.0	0.0 50.5 101.0	-2134.16 -2134.16 -2134.16	-1253.82 -2392.02 -3530.22	7.27 7.27 7.27	8735.45 8735.45 8735.45	-650.88 -1017.94 -650.88	3.196e+05 2.276e+05 7.801e+04
264	70	3.795e+05 9.252e+04	-659.61 -1472.76	0.04 -9.20e-04	-2581.05 0.0	0.0 50.5 101.0	-2421.24 -2421.24 -2421.24	-1550.73 -2841.26 -4131.79	8.05 8.05 8.05	1.754e+04 1.754e+04 1.754e+04	-659.61 -1066.19 -659.61	3.795e+05 2.686e+05 9.252e+04
264	71	3.196e+05 7.801e+04	-650.88 -1385.00	0.03 -8.20e-04	-2276.40 0.0	0.0 50.5 101.0	-2134.16 -2134.16 -2134.16	-1253.82 -2392.02 -3530.22	7.27 7.27 7.27	8735.45 8735.45 8735.45	-650.88 -1017.94 -650.88	3.196e+05 2.276e+05 7.801e+04
264	72	3.495e+05 8.527e+04	-655.24 -1428.88	0.04 -8.70e-04	-2428.72 0.0	0.0 50.5 101.0	-2277.70 -2277.70 -2277.70	-1402.28 -2616.64 -3831.00	7.66 7.66 7.66	1.314e+04 1.314e+04 1.314e+04	-655.24 -1042.06 -655.24	3.495e+05 2.481e+05 8.527e+04
264	73	3.196e+05 7.801e+04	-650.88 -1385.00	0.03 -8.20e-04	-2276.40 0.0	0.0 50.5 101.0	-2134.16 -2134.16 -2134.16	-1253.82 -2392.02 -3530.22	7.27 7.27 7.27	8735.45 8735.45 8735.45	-650.88 -1017.94 -650.88	3.196e+05 2.276e+05 7.801e+04
264	74	3.376e+05 8.237e+04	-653.50 -1411.33	0.03 -8.50e-04	-2367.79 0.0	0.0 50.5 101.0	-2220.28 -2220.28 -2220.28	-1342.90 -2526.79 -3710.69	7.50 7.50 7.50	1.138e+04 1.138e+04 1.138e+04	-653.50 -1032.41 -653.50	3.376e+05 2.399e+05 8.237e+04
265	1	2.892e+05 -1.501e+05	620.10 282.22	0.06 -1.43e-03	-2959.32 0.0	0.0 50.5	-2695.54 -2695.54	-2870.16 -4349.82	3.35 3.35	1.688e+04 1.688e+04	282.22 451.16	2.892e+05 1.069e+05

						101.0	-2695.54	-5829.48	3.35	1.688e+04	620.10	-1.501e+05
265	2	3.540e+05	602.73	0.07	-3416.30	0.0	-3103.95	-3569.69	3.10	3.612e+04	289.89	3.540e+05
		-1.791e+05	289.89	-1.53e-03	0.0	50.5	-3103.95	-5277.84	3.10	3.612e+04	446.31	1.306e+05
						101.0	-3103.95	-6985.99	3.10	3.612e+04	602.73	-1.791e+05
265	3	2.225e+05	477.00	0.04	-2276.40	0.0	-2073.49	-2207.82	2.57	1.298e+04	217.09	2.225e+05
		-1.155e+05	217.09	-1.10e-03	0.0	50.5	-2073.49	-3346.02	2.57	1.298e+04	347.04	8.223e+04
						101.0	-2073.49	-4484.21	2.57	1.298e+04	477.00	-1.155e+05
265	18	9.026e+04	3.216e+04	0.06	-2367.79	0.0	-4372.04	-4096.65	590.70	-6.125e+04	-4595.30	9.026e+04
		-4.429e+05	-4595.30	-0.09	0.0	50.5	-4372.04	-5280.55	590.70	-6.125e+04	1.378e+04	-1.464e+05
						101.0	-4372.04	-6464.44	590.70	-6.125e+04	3.216e+04	-4.429e+05
265	19	3.806e+05	5032.55	0.04	-2367.79	0.0	61.69	-598.80	-585.66	9.491e+04	5032.55	3.806e+05
		2.004e+05	-3.122e+04	0.09	0.0	50.5	61.69	-1782.69	-585.66	9.491e+04	-1.309e+04	3.204e+05
						101.0	61.69	-2966.59	-585.66	9.491e+04	-3.122e+04	2.004e+05
265	21	2.114e+05	2.740e+05	0.04	-2367.79	0.0	3498.05	-2414.10	-1488.14	3.060e+05	2.740e+05	2.114e+05
		-1.388e+05	1.200e+05	0.31	0.0	50.5	3498.05	-3597.99	-1488.14	3.060e+05	1.970e+05	6.623e+04
						101.0	3498.05	-4781.89	-1488.14	3.060e+05	1.200e+05	-1.388e+05
265	24	2.594e+05	-1.190e+05	0.05	-2367.79	0.0	-7808.40	-2281.35	1493.19	-2.723e+05	-2.736e+05	2.594e+05
		-1.038e+05	-2.736e+05	-0.31	0.0	50.5	-7808.40	-3465.25	1493.19	-2.723e+05	-1.963e+05	1.077e+05
						101.0	-7808.40	-4649.14	1493.19	-2.723e+05	-1.190e+05	-1.038e+05
265	26	2.006e+05	-7.862e+04	0.06	-2367.79	0.0	-8108.99	-2981.05	1617.80	-2.603e+05	-2.351e+05	2.006e+05
		-2.332e+05	-2.351e+05	-0.31	0.0	50.5	-8108.99	-4164.94	1617.80	-2.603e+05	-1.569e+05	1.362e+04
						101.0	-8108.99	-5348.84	1617.80	-2.603e+05	-7.862e+04	-2.332e+05
265	27	2.702e+05	2.355e+05	0.04	-2367.79	0.0	3798.64	-1714.40	-1612.75	2.940e+05	2.355e+05	2.702e+05
		-9336.61	7.957e+04	0.31	0.0	50.5	3798.64	-2898.30	-1612.75	2.940e+05	1.575e+05	1.603e+05
						101.0	3798.64	-4082.19	-1612.75	2.940e+05	7.957e+04	-9336.61
265	50	1.517e+05	1.887e+04	0.05	-2367.79	0.0	-3349.05	-3354.58	321.75	-2.423e+04	-823.71	1.517e+05
		-3.065e+05	-823.71	-0.05	0.0	50.5	-3349.05	-4538.47	321.75	-2.423e+04	9024.59	-4.751e+04
						101.0	-3349.05	-5722.37	321.75	-2.423e+04	1.887e+04	-3.065e+05
265	51	3.191e+05	1260.96	0.04	-2367.79	0.0	-961.31	-1340.87	-316.70	5.789e+04	1260.96	3.191e+05
		6.401e+04	-1.793e+04	0.05	0.0	50.5	-961.31	-2524.77	-316.70	5.789e+04	-8332.44	2.215e+05
						101.0	-961.31	-3708.66	-316.70	5.789e+04	-1.793e+04	6.401e+04
265	53	2.216e+05	1.460e+05	0.04	-2367.79	0.0	821.94	-2389.44	-789.19	1.709e+05	1.460e+05	2.216e+05
		-1.316e+05	6.443e+04	0.16	0.0	50.5	821.94	-3573.34	-789.19	1.709e+05	1.052e+05	7.487e+04
						101.0	821.94	-4757.24	-789.19	1.709e+05	6.443e+04	-1.316e+05
265	56	2.493e+05	-6.348e+04	0.05	-2367.79	0.0	-5132.30	-2306.00	794.24	-1.373e+05	-1.456e+05	2.493e+05
		-1.109e+05	-1.456e+05	-0.16	0.0	50.5	-5132.30	-3489.90	794.24	-1.373e+05	-1.045e+05	9.908e+04
						101.0	-5132.30	-4673.80	794.24	-1.373e+05	-6.348e+04	-1.109e+05
265	58	2.153e+05	-4.050e+04	0.05	-2367.79	0.0	-5301.51	-2709.84	865.43	-1.306e+05	-1.239e+05	2.153e+05
		-1.856e+05	-1.239e+05	-0.16	0.0	50.5	-5301.51	-3893.74	865.43	-1.306e+05	-8.218e+04	4.476e+04
						101.0	-5301.51	-5077.63	865.43	-1.306e+05	-4.050e+04	-1.856e+05
265	59	2.555e+05	1.243e+05	0.04	-2367.79	0.0	991.15	-1985.61	-860.39	1.643e+05	1.243e+05	2.555e+05
		-5.694e+04	4.145e+04	0.16	0.0	50.5	991.15	-3169.50	-860.39	1.643e+05	8.287e+04	1.292e+05
						101.0	991.15	-4353.40	-860.39	1.643e+05	4.145e+04	-5.694e+04
265	69	2.225e+05	477.00	0.04	-2276.40	0.0	-2073.49	-2207.82	2.57	1.298e+04	217.09	2.225e+05
		-1.155e+05	217.09	-1.10e-03	0.0	50.5	-2073.49	-3346.02	2.57	1.298e+04	347.04	8.223e+04
						101.0	-2073.49	-4484.21	2.57	1.298e+04	477.00	-1.155e+05
265	70	2.657e+05	465.42	0.05	-2581.05	0.0	-2345.77	-2674.17	2.41	2.581e+04	222.21	2.657e+05
		-1.348e+05	222.21	-1.16e-03	0.0	50.5	-2345.77	-3964.69	2.41	2.581e+04	343.81	9.804e+04
						101.0	-2345.77	-5255.22	2.41	2.581e+04	465.42	-1.348e+05
265	71	2.225e+05	477.00	0.04	-2276.40	0.0	-2073.49	-2207.82	2.57	1.298e+04	217.09	2.225e+05
		-1.155e+05	217.09	-1.10e-03	0.0	50.5	-2073.49	-3346.02	2.57	1.298e+04	347.04	8.223e+04
						101.0	-2073.49	-4484.21	2.57	1.298e+04	477.00	-1.155e+05
265	72	2.441e+05	471.21	0.05	-2428.72	0.0	-2209.63	-2440.99	2.49	1.940e+04	219.65	2.441e+05
		-1.251e+05	219.65	-1.13e-03	0.0	50.5	-2209.63	-3655.36	2.49	1.940e+04	345.43	9.014e+04
						101.0	-2209.63	-4869.72	2.49	1.940e+04	471.21	-1.251e+05
265	73	2.225e+05	477.00	0.04	-2276.40	0.0	-2073.49	-2207.82	2.57	1.298e+04	217.09	2.225e+05
		-1.155e+05	217.09	-1.10e-03	0.0	50.5	-2073.49	-3346.02	2.57	1.298e+04	347.04	8.223e+04
						101.0	-2073.49	-4484.21	2.57	1.298e+04	477.00	-1.155e+05
265	74	2.354e+05	473.52	0.05	-2367.79	0.0	-2155.18	-2347.72	2.52	1.683e+04	218.63	2.354e+05
		-1.213e+05	218.63	-1.12e-03	0.0	50.5	-2155.18	-3531.62	2.52	1.683e+04	346.07	8.697e+04
						101.0	-2155.18	-4715.52	2.52	1.683e+04	473.52	-1.213e+05
266	2	7.073e+05	1230.60	0.05	-3416.30	0.0	-2610.39	408.98	2.44	4.918e+04	984.48	7.048e+05
		5.736e+05	984.48	-8.60e-04	0.0	50.5	-2610.39	-1299.17	2.44	4.918e+04	1107.54	6.824e+05
						101.0	-2610.39	-3007.31	2.44	4.918e+04	1230.60	5.736e+05
266	3	4.512e+05	862.24	0.03	-2276.40	0.0	-1743.45	327.78	2.33	2.345e+04	626.50	4.488e+05
		3.670e+05	626.50	-7.06e-04	0.0	50.5	-1743.45	-810.41	2.33	2.345e+04	744.37	4.366e+05
						101.0	-1743.45	-1948.61	2.33	2.345e+04	862.24	3.670e+05
266	14	4.487e+05	-1.277e+04	0.05	-2367.79	0.0	-2249.91	-1432.91	124.03	-7.430e+04	-1.277e+04	4.487e+05
		1.856e+05	-1.559e+04	-0.10	0.0	50.5	-2249.91	-2616.80	124.03	-7.430e+04	-1.418e+04	3.470e+05
						101.0	-2249.91	-3800.70	124.03	-7.430e+04	-1.559e+04	1.856e+05
266	15	5.889e+05	1.736e+04	0.02	-2367.79	0.0	-1374.56	2081.62	-119.60	1.287e+05	1.409e+04	4.975e+05
		4.975e+05	1.409e+04	0.09	0.0	50.5	-1374.56	897.72	-119.60	1.287e+05	1.572e+04	5.722e+05
						101.0	-1374.56	-286.17	-119.60	1.287e+05	1.736e+04	5.870e+05
266	25	4.822e+05	-3.326e+05	8.25e-03	-2367.79	0.0	3422.60	350.79	-2470.16	4.284e+05	-3.326e+05	4.800e+05
		3.935e+05	-5.244e+05	0.29	0.0	50.5	3422.60	-833.10	-2470.16	4.284e+05	-4.285e+05	4.666e+05
						101.0	3422.60	-2017.00	-2470.16	4.284e+05	-5.244e+05	3.935e+05
266	28	4.684e+05	5.262e+05	0.06	-2367.79	0.0	-7047.07	297.92	2474.59	-3.740e+05	3.340e+05	4.663e+05

		3.791e+05	3.340e+05	-0.30	0.0	50.5	-7047.07	-885.98	2474.59	-3.740e+05	4.301e+05	4.526e+05
						101.0	-7047.07	-2069.87	2474.59	-3.740e+05	5.262e+05	3.791e+05
266	46	4.591e+05	-8765.32	0.04	-2367.79	0.0	-1991.41	-682.65	38.03	-2.595e+04	-8765.32	4.591e+05
		2.712e+05	-1.417e+04	-0.05	0.0	50.5	-1991.41	-1866.55	38.03	-2.595e+04	-1.147e+04	3.950e+05
						101.0	-1991.41	-3050.44	38.03	-2.595e+04	-1.417e+04	2.712e+05
266	47	5.246e+05	1.594e+04	0.02	-2367.79	0.0	-1633.06	1331.36	-33.60	8.032e+04	1.009e+04	4.871e+05
		4.871e+05	1.009e+04	0.05	0.0	50.5	-1633.06	147.47	-33.60	8.032e+04	1.301e+04	5.241e+05
						101.0	-1633.06	-1036.43	-33.60	8.032e+04	1.594e+04	5.014e+05
266	57	4.789e+05	-1.855e+05	0.02	-2367.79	0.0	962.68	317.81	-1310.24	2.388e+05	-1.855e+05	4.769e+05
		3.881e+05	-2.835e+05	0.15	0.0	50.5	962.68	-866.08	-1310.24	2.388e+05	-2.345e+05	4.624e+05
						101.0	962.68	-2049.98	-1310.24	2.388e+05	-2.835e+05	3.881e+05
266	60	4.718e+05	2.852e+05	0.05	-2367.79	0.0	-4587.15	330.90	1314.67	-1.844e+05	1.868e+05	4.693e+05
		3.845e+05	1.868e+05	-0.15	0.0	50.5	-4587.15	-853.00	1314.67	-1.844e+05	2.360e+05	4.568e+05
						101.0	-4587.15	-2036.89	1314.67	-1.844e+05	2.852e+05	3.845e+05
266	69	4.512e+05	862.24	0.03	-2276.40	0.0	-1743.45	327.78	2.33	2.345e+04	626.50	4.488e+05
		3.670e+05	626.50	-7.06e-04	0.0	50.5	-1743.45	-810.41	2.33	2.345e+04	744.37	4.366e+05
						101.0	-1743.45	-1948.61	2.33	2.345e+04	862.24	3.670e+05
266	70	5.317e+05	935.36	0.04	-2581.05	0.0	-1972.72	316.36	1.94	3.591e+04	739.85	5.297e+05
		4.313e+05	739.85	-6.67e-04	0.0	50.5	-1972.72	-974.17	1.94	3.591e+04	837.61	5.131e+05
						101.0	-1972.72	-2264.69	1.94	3.591e+04	935.36	4.313e+05
266	71	4.512e+05	862.24	0.03	-2276.40	0.0	-1743.45	327.78	2.33	2.345e+04	626.50	4.488e+05
		3.670e+05	626.50	-7.06e-04	0.0	50.5	-1743.45	-810.41	2.33	2.345e+04	744.37	4.366e+05
						101.0	-1743.45	-1948.61	2.33	2.345e+04	862.24	3.670e+05
266	72	4.914e+05	898.80	0.04	-2428.72	0.0	-1858.09	322.07	2.13	2.968e+04	683.18	4.893e+05
		3.992e+05	683.18	-6.86e-04	0.0	50.5	-1858.09	-892.29	2.13	2.968e+04	790.99	4.749e+05
						101.0	-1858.09	-2106.65	2.13	2.968e+04	898.80	3.992e+05
266	73	4.512e+05	862.24	0.03	-2276.40	0.0	-1743.45	327.78	2.33	2.345e+04	626.50	4.488e+05
		3.670e+05	626.50	-7.06e-04	0.0	50.5	-1743.45	-810.41	2.33	2.345e+04	744.37	4.366e+05
						101.0	-1743.45	-1948.61	2.33	2.345e+04	862.24	3.670e+05
266	74	4.753e+05	884.18	0.03	-2367.79	0.0	-1812.24	324.36	2.21	2.719e+04	660.51	4.731e+05
		3.863e+05	660.51	-6.94e-04	0.0	50.5	-1812.24	-859.54	2.21	2.719e+04	772.34	4.596e+05
						101.0	-1812.24	-2043.44	2.21	2.719e+04	884.18	3.863e+05
267	2	7.284e+05	2126.46	0.04	-3185.91	0.0	-1887.48	809.63	10.15	-4.360e+04	1101.70	7.180e+05
		6.389e+05	1101.70	-1.60e-03	0.0	50.5	-1887.48	-783.32	10.15	-4.360e+04	1614.08	7.187e+05
						101.0	-1887.48	-2376.27	10.15	-4.360e+04	2126.46	6.389e+05
267	3	4.663e+05	1435.42	0.03	-2127.11	0.0	-1261.40	591.95	6.41	-1.959e+04	787.79	4.581e+05
		4.105e+05	787.79	-1.10e-03	0.0	50.5	-1261.40	-471.60	6.41	-1.959e+04	1111.60	4.612e+05
						101.0	-1261.40	-1535.15	6.41	-1.959e+04	1435.42	4.105e+05
267	5	5.165e+05	3.210e+05	0.06	-2211.24	0.0	1991.78	-1581.16	1016.77	5.266e+04	2.035e+05	5.165e+05
		2.273e+05	2.035e+05	0.09	0.0	50.5	1991.78	-2686.78	1016.77	5.266e+04	2.622e+05	3.998e+05
						101.0	1991.78	-3792.40	1016.77	5.266e+04	3.210e+05	2.273e+05
267	6	5.110e+05	5.468e+05	0.04	-2211.24	0.0	4154.55	-1329.53	2189.25	-1.764e+05	3.478e+05	5.110e+05
		2.559e+05	3.478e+05	-0.09	0.0	50.5	4154.55	-2435.15	2189.25	-1.764e+05	4.473e+05	5.114e+05
						101.0	4154.55	-3540.77	2189.25	-1.764e+05	5.468e+05	2.559e+05
267	7	6.071e+05	-3.462e+05	0.02	-2211.24	0.0	-6776.42	2529.48	-2175.70	1.300e+05	-3.462e+05	4.542e+05
		4.542e+05	-5.438e+05	0.09	0.0	50.5	-6776.42	1423.86	-2175.70	1.300e+05	-4.450e+05	5.586e+05
						101.0	-6776.42	318.24	-2175.70	1.300e+05	-5.438e+05	6.071e+05
267	8	6.358e+05	-2.019e+05	-7.77e-03	-2211.24	0.0	-4613.65	2781.11	-1003.22	-9.909e+04	-2.019e+05	4.487e+05
		4.487e+05	-3.180e+05	-0.09	0.0	50.5	-4613.65	1675.49	-1003.22	-9.909e+04	-2.599e+05	5.702e+05
						101.0	-4613.65	569.87	-1003.22	-9.909e+04	-3.180e+05	6.358e+05
267	37	5.021e+05	1.894e+05	0.05	-2211.24	0.0	630.70	-651.80	606.21	1.615e+04	1.192e+05	5.021e+05
		3.143e+05	1.192e+05	0.04	0.0	50.5	630.70	-1757.42	606.21	1.615e+04	1.543e+05	4.361e+05
						101.0	630.70	-2863.04	606.21	1.615e+04	1.894e+05	3.143e+05
267	38	4.990e+05	3.110e+05	0.04	-2211.24	0.0	1771.67	-515.99	1225.20	-1.046e+05	2.001e+05	4.990e+05
		3.300e+05	2.001e+05	-0.05	0.0	50.5	1771.67	-1621.61	1225.20	-1.046e+05	2.555e+05	4.424e+05
						101.0	1771.67	-2727.23	1225.20	-1.046e+05	3.110e+05	3.300e+05
267	39	5.376e+05	-1.985e+05	0.02	-2211.24	0.0	-4393.54	1715.93	-1211.65	5.822e+04	-1.985e+05	4.662e+05
		4.662e+05	-3.080e+05	0.05	0.0	50.5	-4393.54	610.31	-1211.65	5.822e+04	-2.533e+05	5.276e+05
						101.0	-4393.54	-495.31	-1211.65	5.822e+04	-3.080e+05	5.331e+05
267	40	5.503e+05	-1.176e+05	0.01	-2211.24	0.0	-3252.57	1851.75	-592.66	-6.258e+04	-1.176e+05	4.631e+05
		4.631e+05	-1.865e+05	-0.05	0.0	50.5	-3252.57	746.13	-592.66	-6.258e+04	-1.520e+05	5.338e+05
						101.0	-3252.57	-359.49	-592.66	-6.258e+04	-1.865e+05	5.488e+05
267	69	4.663e+05	1435.42	0.03	-2127.11	0.0	-1261.40	591.95	6.41	-1.959e+04	787.79	4.581e+05
		4.105e+05	787.79	-1.10e-03	0.0	50.5	-1261.40	-471.60	6.41	-1.959e+04	1111.60	4.612e+05
						101.0	-1261.40	-1535.15	6.41	-1.959e+04	1435.42	4.105e+05
267	70	5.478e+05	1609.03	0.03	-2407.55	0.0	-1426.51	618.68	7.62	-3.168e+04	839.50	5.397e+05
		4.806e+05	839.50	-1.21e-03	0.0	50.5	-1426.51	-585.09	7.62	-3.168e+04	1224.27	5.406e+05
						101.0	-1426.51	-1788.87	7.62	-3.168e+04	1609.03	4.806e+05
267	71	4.663e+05	1435.42	0.03	-2127.11	0.0	-1261.40	591.95	6.41	-1.959e+04	787.79	4.581e+05
		4.105e+05	787.79	-1.10e-03	0.0	50.5	-1261.40	-471.60	6.41	-1.959e+04	1111.60	4.612e+05
						101.0	-1261.40	-1535.15	6.41	-1.959e+04	1435.42	4.105e+05
267	72	5.071e+05	1522.22	0.03	-2267.33	0.0	-1343.96	605.32	7.02	-2.563e+04	813.65	4.989e+05
		4.456e+05	813.65	-1.15e-03	0.0	50.5	-1343.96	-528.35	7.02	-2.563e+04	1167.93	5.009e+05
						101.0	-1343.96	-1662.01	7.02	-2.563e+04	1522.22	4.456e+05
267	73	4.663e+05	1435.42	0.03	-2127.11	0.0	-1261.40	591.95	6.41	-1.959e+04	787.79	4.581e+05
		4.105e+05	787.79	-1.10e-03	0.0	50.5	-1261.40	-471.60	6.41	-1.959e+04	1111.60	4.612e+05
						101.0	-1261.40	-1535.15	6.41	-1.959e+04	1435.42	4.105e+05

267	74	4.908e+05	1487.50	0.03	-2211.24	0.0	-1310.94	599.97	6.77 -2.321e+04	803.30	4.826e+05
		4.315e+05	803.30	-1.13e-03	0.0	50.5	-1310.94	-505.65	6.77 -2.321e+04	1145.40	4.850e+05
						101.0	-1310.94	-1611.27	6.77 -2.321e+04	1487.50	4.315e+05
268	1	2.599e+05	330.20	0.05	-2765.24	0.0	-1890.59	-2746.12	3.46 -1.846e+04	-19.23	2.599e+05
		-1.571e+05	-19.23	-1.55e-03	0.0	50.5	-1890.59	-4128.74	3.46 -1.846e+04	155.48	8.628e+04
						101.0	-1890.59	-5511.36	3.46 -1.846e+04	330.20	-1.571e+05
268	2	3.197e+05	428.30	0.07	-3185.91	0.0	-2164.97	-3418.46	3.92 -3.771e+04	32.24	3.197e+05
		-1.864e+05	32.24	-1.66e-03	0.0	50.5	-2164.97	-5011.42	3.92 -3.771e+04	230.27	1.069e+05
						101.0	-2164.97	-6604.37	3.92 -3.771e+04	428.30	-1.864e+05
268	3	1.999e+05	254.00	0.04	-2127.11	0.0	-1454.30	-2112.40	2.66 -1.420e+04	-14.79	1.999e+05
		-1.209e+05	-14.79	-1.19e-03	0.0	50.5	-1454.30	-3175.95	2.66 -1.420e+04	119.60	6.637e+04
						101.0	-1454.30	-4239.51	2.66 -1.420e+04	254.00	-1.209e+05
268	6	3882.23-1.869e+05	0.05	-2211.24	0.0	50.5	2169.74	-4640.74	-23.61 -7.666e+04	-1.967e+05	3882.23
		-5.821e+05-1.967e+05	-0.09	0.0	50.5	2169.74	2169.74	-5746.36	-23.61 -7.666e+04	-1.918e+05	-2.612e+05
						101.0	2169.74	-6851.98	-23.61 -7.666e+04	-1.869e+05	-5.821e+05
268	7	4.207e+05	1.966e+05	0.04	-2211.24	0.0	-5188.10	147.00	29.12 4.056e+04	1.966e+05	4.199e+05
		3.287e+05	1.875e+05	0.09	0.0	50.5	-5188.10	-958.62	29.12 4.056e+04	1.921e+05	4.022e+05
						101.0	-5188.10	-2064.24	29.12 4.056e+04	1.875e+05	3.287e+05
268	22	1.385e+05-1.216e+05	0.04	-2211.24	0.0	50.5	3417.17	-2874.25	1431.56 -2.928e+05	-2.603e+05	1.385e+05
		-2.822e+05-2.603e+05	-0.31	0.0	50.5	3417.17	3417.17	-3979.87	1431.56 -2.928e+05	-1.909e+05	-4.396e+04
						101.0	3417.17	-5085.49	1431.56 -2.928e+05	-1.216e+05	-2.822e+05
268	23	2.853e+05	2.603e+05	0.05	-2211.24	0.0	-6435.53	-1619.49	-1426.06 2.567e+05	2.603e+05	2.853e+05
		2.877e+04	1.221e+05	0.30	0.0	50.5	-6435.53	-2725.11	-1426.06 2.567e+05	1.912e+05	1.849e+05
						101.0	-6435.53	-3830.73	-1426.06 2.567e+05	1.221e+05	2.877e+04
268	38	9.232e+04-1.046e+05	0.05	-2211.24	0.0	50.5	542.91	-3624.53	-35.86 -4.882e+04	-1.076e+05	9.232e+04
		-3.886e+05-1.076e+05	-0.05	0.0	50.5	542.91	542.91	-4730.15	-35.86 -4.882e+04	-1.061e+05	-1.202e+05
						101.0	542.91	-5835.77	-35.86 -4.882e+04	-1.046e+05	-3.886e+05
268	39	3.314e+05	1.076e+05	0.04	-2211.24	0.0	-3561.27	-869.21	41.37 1.272e+04	1.076e+05	3.314e+05
		1.352e+05	1.051e+05	0.05	0.0	50.5	-3561.27	-1974.83	41.37 1.272e+04	1.064e+05	2.612e+05
						101.0	-3561.27	-3080.45	41.37 1.272e+04	1.051e+05	1.352e+05
268	54	1.700e+05-6.619e+04	0.04	-2211.24	0.0	50.5	1125.58	-2608.52	756.95 -1.642e+05	-1.389e+05	1.700e+05
		-2.158e+05-1.389e+05	-0.16	0.0	50.5	1125.58	1125.58	-3714.14	756.95 -1.642e+05	-1.025e+05	5008.46
						101.0	1125.58	-4819.76	756.95 -1.642e+05	-6.619e+04	-2.158e+05
268	55	2.537e+05	1.388e+05	0.05	-2211.24	0.0	-4143.94	-1885.22	-751.44 1.281e+05	1.388e+05	2.537e+05
		-3.764e+04	6.674e+04	0.16	0.0	50.5	-4143.94	-2990.84	-751.44 1.281e+05	1.028e+05	1.360e+05
						101.0	-4143.94	-4096.46	-751.44 1.281e+05	6.674e+04	3.764e+04
268	69	1.999e+05	254.00	0.04	-2127.11	0.0	-1454.30	-2112.40	2.66 -1.420e+04	-14.79	1.999e+05
		-1.209e+05	-14.79	-1.19e-03	0.0	50.5	-1454.30	-3175.95	2.66 -1.420e+04	119.60	6.637e+04
						101.0	-1454.30	-4239.51	2.66 -1.420e+04	254.00	-1.209e+05
268	70	2.398e+05	319.40	0.05	-2407.55	0.0	-1637.22	-2560.63	2.97 -2.703e+04	19.52	2.398e+05
		-1.404e+05	19.52	-1.27e-03	0.0	50.5	-1637.22	-3764.41	2.97 -2.703e+04	169.46	8.009e+04
						101.0	-1637.22	-4968.18	2.97 -2.703e+04	319.40	-1.404e+05
268	71	1.999e+05	254.00	0.04	-2127.11	0.0	-1454.30	-2112.40	2.66 -1.420e+04	-14.79	1.999e+05
		-1.209e+05	-14.79	-1.19e-03	0.0	50.5	-1454.30	-3175.95	2.66 -1.420e+04	119.60	6.637e+04
						101.0	-1454.30	-4239.51	2.66 -1.420e+04	254.00	-1.209e+05
268	72	2.198e+05	286.70	0.05	-2267.33	0.0	-1545.76	-2336.52	2.82 -2.062e+04	2.37	2.198e+05
		-1.306e+05	2.37	-1.23e-03	0.0	50.5	-1545.76	-3470.18	2.82 -2.062e+04	144.53	7.323e+04
						101.0	-1545.76	-4603.84	2.82 -2.062e+04	286.70	-1.306e+05
268	73	1.999e+05	254.00	0.04	-2127.11	0.0	-1454.30	-2112.40	2.66 -1.420e+04	-14.79	1.999e+05
		-1.209e+05	-14.79	-1.19e-03	0.0	50.5	-1454.30	-3175.95	2.66 -1.420e+04	119.60	6.637e+04
						101.0	-1454.30	-4239.51	2.66 -1.420e+04	254.00	-1.209e+05
268	74	2.119e+05	273.62	0.04	-2211.24	0.0	-1509.18	-2246.87	2.75 -1.805e+04	-4.50	2.119e+05
		-1.267e+05	-4.50	-1.22e-03	0.0	50.5	-1509.18	-3352.49	2.75 -1.805e+04	134.56	7.049e+04
						101.0	-1509.18	-4458.11	2.75 -1.805e+04	273.62	-1.267e+05
269	2	4.654e+05	-905.51	0.05	-3185.91	0.0	-2376.20	-1994.06	8.37 -2.410e+04	-1750.85	4.654e+05
		1.031e+05	-1750.85	-9.88e-04	0.0	50.5	-2376.20	-3587.01	8.37 -2.410e+04	-1328.18	3.245e+05
						101.0	-2376.20	-5179.97	8.37 -2.410e+04	-905.51	1.031e+05
269	3	2.936e+05	-711.31	0.03	-2127.11	0.0	-1594.32	-1204.23	5.91 -8402.96	-1307.90	2.936e+05
		6.455e+04	-1307.90	-6.73e-04	0.0	50.5	-1594.32	-2267.79	5.91 -8402.96	-1009.60	2.059e+05
						101.0	-1594.32	-3331.34	5.91 -8402.96	-711.31	6.455e+04
269	4	3.773e+05	-692.11	0.04	-2547.78	0.0	-1897.90	-1632.79	6.60 -2.158e+04	-1358.48	3.773e+05
		8.373e+04	-1358.48	-7.86e-04	0.0	50.5	-1897.90	-2906.68	6.60 -2.158e+04	-1025.30	2.627e+05
						101.0	-1897.90	-4180.57	6.60 -2.158e+04	-692.11	8.373e+04
269	6	1.853e+05-3.899e+04	0.06	-2211.24	0.0	50.5	-1421.84	-3736.65	-117.17 7.247e+04	-7.646e+04	1.853e+05
		-3.035e+05-7.646e+04	-0.03	0.0	50.5	-1421.84	-1421.84	-4842.27	-117.17 7.247e+04	-5.772e+04	-3.118e+04
						101.0	-1421.84	-5947.89	-117.17 7.247e+04	-3.899e+04	-3.035e+05
269	7	4.657e+05	7.382e+04	0.01	-2211.24	0.0	-1888.22	1156.76	129.26 -9.455e+04	7.382e+04	4.353e+05
		4.353e+05	3.757e+04	0.03	0.0	50.5	-1888.22	51.14	129.26 -9.455e+04	5.570e+04	4.657e+05
						101.0	-1888.22	-1054.48	129.26 -9.455e+04	3.757e+04	4.403e+05
269	21	2.812e+05	3.662e+05	0.04	-2211.24	0.0	-6097.07	-1902.56	-546.36 -5.726e+04	3.662e+05	2.812e+05
		-2.327e+04	3.284e+05	-7.93e-03	0.0	50.5	-6097.07	-3008.18	-546.36 -5.726e+04	3.473e+05	1.569e+05
						101.0	-6097.07	-4113.80	-546.36 -5.726e+04	3.284e+05	-2.327e+04
269	24	3.395e+05-3.299e+05	0.03	-2211.24	0.0	50.5	2787.00	-677.33	558.45 3.518e+04	-3.688e+05	3.395e+05
		1.600e+05-3.688e+05	7.32e-03	0.0	50.5	2787.00	2787.00	-1782.95	558.45 3.518e+04	-3.494e+05	2.777e+05
						101.0	2787.00	-2888.57	558.45 3.518e+04	-3.299e+05	1.600e+05
269	38	2.385e+05-1.917e+04	0.05	-2211.24	0.0	50.5	-1580.07	-2697.14	-70.85 3.512e+04	-4.046e+04	2.385e+05
		-1.455e+05-4.046e+04	-0.02	0.0	50.5	-1580.07	-1580.07	-3802.76	-70.85 3.512e+04	-2.982e+04	7.442e+04

[illegible]

		3.598e+05	1420.43	6.63e-05	0.0	50.5	-1679.35	-2317.41	7.46	1.859e+04	1797.39	5.118e+05
						101.0	-1679.35	-3700.03	7.46	1.859e+04	2174.35	3.598e+05
271	2	7.161e+05	2130.03	0.04	-3185.91	0.0	-1928.59	-1192.73	6.35	2.371e+04	1488.95	7.161e+05
		4.347e+05	1488.95	1.77e-04	0.0	50.5	-1928.59	-2785.69	6.35	2.371e+04	1809.49	6.156e+05
						101.0	-1928.59	-4378.64	6.35	2.371e+04	2130.03	4.347e+05
271	3	4.568e+05	1672.58	0.02	-2127.11	0.0	-1291.81	-719.07	5.74	1.430e+04	1092.64	4.568e+05
		2.768e+05	1092.64	5.10e-05	0.0	50.5	-1291.81	-1782.62	5.74	1.430e+04	1382.61	3.937e+05
						101.0	-1291.81	-2846.18	5.74	1.430e+04	1672.58	2.768e+05
271	9	4.536e+05-9.019e+04		0.04	-2211.24	0.0	-6804.55	-2645.18	2155.06	-1.439e+05	-3.613e+05	4.536e+05
		8.264e+04-3.613e+05		-0.13	0.0	50.5	-6804.55	-3750.80	2155.06	-1.439e+05	-2.257e+05	2.960e+05
						101.0	-6804.55	-4856.42	2155.06	-1.439e+05	-9.019e+04	8.264e+04
271	10	4.493e+05-1.817e+05		0.05	-2211.24	0.0	-4610.43	-2916.72	1108.32	9.568e+04	-2.260e+05	4.493e+05
		5.785e+04-2.260e+05		0.07	0.0	50.5	-4610.43	-4022.34	1108.32	9.568e+04	-2.038e+05	2.815e+05
						101.0	-4610.43	-5127.96	1108.32	9.568e+04	-1.817e+05	5.785e+04
271	11	5.477e+05	2.282e+05	-9.20e-03	-2211.24	0.0	1927.11	1375.40	-1097.29	-6.504e+04	2.282e+05	5.133e+05
		5.133e+05	1.850e+05	-0.07	0.0	50.5	1927.11	269.78	-1097.29	-6.504e+04	2.066e+05	5.474e+05
						101.0	1927.11	-835.84	-1097.29	-6.504e+04	1.850e+05	5.257e+05
271	12	5.329e+05	3.635e+05	0.02	-2211.24	0.0	4121.24	1103.86	-2144.02	1.745e+05	3.635e+05	5.090e+05
		5.009e+05	9.351e+04	0.13	0.0	50.5	4121.24	-1.76	-2144.02	1.745e+05	2.285e+05	5.329e+05
						101.0	4121.24	-1107.38	-2144.02	1.745e+05	9.351e+04	5.009e+05
271	41	4.653e+05-5.231e+04		0.03	-2211.24	0.0	-4420.44	-1854.96	1213.84	-6.951e+04	-2.074e+05	4.653e+05
		1.708e+05-2.074e+05		-0.07	0.0	50.5	-4420.44	-2960.58	1213.84	-6.951e+04	-1.298e+05	3.460e+05
						101.0	-4420.44	-4066.20	1213.84	-6.951e+04	-5.231e+04	1.708e+05
271	42	4.628e+05-1.045e+05		0.04	-2211.24	0.0	-3263.47	-2002.33	658.08	5.681e+04	-1.312e+05	4.628e+05
		1.575e+05-1.312e+05		0.03	0.0	50.5	-3263.47	-3107.95	658.08	5.681e+04	-1.179e+05	3.381e+05
						101.0	-3263.47	-4213.57	658.08	5.681e+04	-1.045e+05	1.575e+05
271	43	5.029e+05	1.334e+05	0.01	-2211.24	0.0	580.15	461.01	-647.04	-2.617e+04	1.334e+05	4.979e+05
		4.260e+05	1.079e+05	-0.03	0.0	50.5	580.15	-644.61	-647.04	-2.617e+04	1.206e+05	4.908e+05
						101.0	580.15	-1750.23	-647.04	-2.617e+04	1.079e+05	4.260e+05
271	44	4.989e+05	2.096e+05	0.02	-2211.24	0.0	1737.12	313.64	-1202.80	1.002e+05	2.096e+05	4.973e+05
		4.127e+05	5.564e+04	0.07	0.0	50.5	1737.12	-791.98	-1202.80	1.002e+05	1.326e+05	4.829e+05
						101.0	1737.12	-1897.60	-1202.80	1.002e+05	5.564e+04	4.127e+05
271	69	4.568e+05	1672.58	0.02	-2127.11	0.0	-1291.81	-719.07	5.74	1.430e+04	1092.64	4.568e+05
		2.768e+05	1092.64	5.10e-05	0.0	50.5	-1291.81	-1782.62	5.74	1.430e+04	1382.61	3.937e+05
						101.0	-1291.81	-2846.18	5.74	1.430e+04	1672.58	2.768e+05
271	70	5.383e+05	1643.03	0.03	-2407.55	0.0	-1457.97	-891.03	5.00	1.771e+04	1138.32	5.383e+05
		3.267e+05	1138.32	1.25e-04	0.0	50.5	-1457.97	-2094.81	5.00	1.771e+04	1390.67	4.629e+05
						101.0	-1457.97	-3298.58	5.00	1.771e+04	1643.03	3.267e+05
271	71	4.568e+05	1672.58	0.02	-2127.11	0.0	-1291.81	-719.07	5.74	1.430e+04	1092.64	4.568e+05
		2.768e+05	1092.64	5.10e-05	0.0	50.5	-1291.81	-1782.62	5.74	1.430e+04	1382.61	3.937e+05
						101.0	-1291.81	-2846.18	5.74	1.430e+04	1672.58	2.768e+05
271	72	4.976e+05	1657.80	0.03	-2267.33	0.0	-1374.89	-805.05	5.37	1.600e+04	1115.48	4.976e+05
		3.018e+05	1115.48	8.79e-05	0.0	50.5	-1374.89	-1938.71	5.37	1.600e+04	1386.64	4.283e+05
						101.0	-1374.89	-3072.38	5.37	1.600e+04	1657.80	3.018e+05
271	73	4.568e+05	1672.58	0.02	-2127.11	0.0	-1291.81	-719.07	5.74	1.430e+04	1092.64	4.568e+05
		2.768e+05	1092.64	5.10e-05	0.0	50.5	-1291.81	-1782.62	5.74	1.430e+04	1382.61	3.937e+05
						101.0	-1291.81	-2846.18	5.74	1.430e+04	1672.58	2.768e+05
271	74	4.813e+05	1663.71	0.03	-2211.24	0.0	-1341.66	-770.66	5.52	1.532e+04	1106.34	4.813e+05
		2.918e+05	1106.34	7.31e-05	0.0	50.5	-1341.66	-1876.28	5.52	1.532e+04	1385.03	4.144e+05
						101.0	-1341.66	-2981.90	5.52	1.532e+04	1663.71	2.918e+05
272	2	8.834e+04	3404.84	-0.01	-867.71	0.0	-761.04	1581.26	-25.02	-4602.71	3404.84	-2.813e+04
		-2.813e+04	864.94	8.45e-04	0.0	50.8	-761.04	1147.40	-25.02	-4602.71	2134.89	4.112e+04
						101.5	-761.04	713.55	-25.02	-4602.71	864.94	8.834e+04
272	3	5.180e+04	2458.33	-7.52e-03	-625.27	0.0	-567.36	1011.40	-17.76	4208.16	2458.33	-1.914e+04
		-1.914e+04	655.36	5.83e-04	0.0	50.8	-567.36	698.77	-17.76	4208.16	1556.85	2.426e+04
						101.5	-567.36	386.13	-17.76	4208.16	655.36	5.180e+04
272	17	2.731e+05	5.451e+05	3.24e-03	-636.24	0.0	-2852.30	-946.21	-4176.97	6.401e+04	5.451e+05	2.731e+05
		1.456e+05-4.237e+04		0.11	0.0	50.8	-2852.30	-1264.33	-4176.97	6.401e+04	2.514e+05	2.175e+05
						101.5	-2852.30	-1582.45	-4176.97	6.401e+04	-4.237e+04	1.456e+05
272	20	-3.364e+04	4.369e+04	-0.02	-636.24	0.0	1708.19	3075.59	4140.68	-5.962e+04	-5.401e+05	-3.127e+05
		-3.127e+05-5.401e+05		-0.11	0.0	50.8	1708.19	2757.47	4140.68	-5.962e+04	-2.482e+05	-1.615e+05
						101.5	1708.19	2439.35	4140.68	-5.962e+04	4.369e+04	-3.364e+04
272	29	7.901e+05	5.237e+05	0.01	-636.24	0.0	-1609.87	-4565.77	-3931.98	-2.414e+04	5.237e+05	7.901e+05
		2.946e+05	1.207e+05	-9.02e-03	0.0	50.8	-1609.87	-4883.89	-3931.98	-2.414e+04	3.222e+05	5.504e+05
						101.5	-1609.87	-5202.01	-3931.98	-2.414e+04	1.207e+05	2.946e+05
272	30	-1.563e+05-2.765e+05		-0.03	-636.24	0.0	-694.57	6141.77	5846.88	-1.385e+04	-8.661e+05	-7.477e+05
		-7.477e+05-8.661e+05		-0.07	0.0	50.8	-694.57	5823.65	5846.88	-1.385e+04	-5.713e+05	-4.440e+05
						101.5	-694.57	5505.53	5846.88	-1.385e+04	-2.765e+05	-1.563e+05
272	31	7.082e+05	8.711e+05	0.02	-636.24	0.0	-449.53	-4012.40	-5883.18	1.823e+04	8.711e+05	7.082e+05
		2.683e+05	2.778e+05	0.07	0.0	50.8	-449.53	-4330.52	-5883.18	1.823e+04	5.745e+05	4.963e+05
						101.5	-449.53	-4648.64	-5883.18	1.823e+04	2.778e+05	2.683e+05
272	32	-1.826e+05-1.194e+05		-0.03	-636.24	0.0	465.77	6695.14	3895.69	2.853e+04	-5.187e+05	-8.297e+05
		-8.297e+05-5.187e+05		9.54e-03	0.0	50.8	465.77	6377.03	3895.69	2.853e+04	-3.190e+05	-4.981e+05
						101.5	465.77	6058.91	3895.69	2.853e+04	-1.194e+05	-1.826e+05
272	49	1.392e+05	3.053e+05	-2.96e-03	-636.24	0.0	-1880.20	-25.67	-2345.18	3.787e+04	3.053e+05	1.392e+05
		1.048e+05-2.703e+04		0.06	0.0	50.8	-1880.20	-343.79	-2345.18	3.787e+04	1.392e+05	1.301e+05
						101.5	-1880.20	-661.91	-2345.18	3.787e+04	-2.703e+04	1.048e+05

272	52	7178.08	2.834e+04	-0.01	-636.24	0.0	736.09	2155.04	2308.89	-3.348e+04	-3.003e+05	-1.788e+05
		-1.788e+05	-3.003e+05	-0.06	0.0	50.8	736.09	1836.92	2308.89	-3.348e+04	-1.360e+05	-7.775e+04
						101.5	736.09	1518.80	2308.89	-3.348e+04	2.834e+04	7178.08
272	61	4.158e+05	2.696e+05	3.95e-03	-636.24	0.0	-1147.54	-1964.18	-2040.26	-1.291e+04	2.696e+05	4.158e+05
		1.843e+05	6.034e+04	-5.52e-03	0.0	50.8	-1147.54	-2282.30	-2040.26	-1.291e+04	1.650e+05	3.081e+05
						101.5	-1147.54	-2600.42	-2040.26	-1.291e+04	6.034e+04	1.843e+05
272	62	-5.712e+04	-1.498e+05	-0.02	-636.24	0.0	-663.78	3776.77	3132.89	-7084.78	-4.656e+05	-4.083e+05
		-4.083e+05	-4.656e+05	-0.04	0.0	50.8	-663.78	3458.65	3132.89	-7084.78	-3.077e+05	-2.247e+05
						101.5	-663.78	3140.53	3132.89	-7084.78	-1.498e+05	-5.712e+04
272	63	3.688e+05	4.706e+05	5.61e-03	-636.24	0.0	-480.33	-1647.39	-3169.19	1.147e+04	4.706e+05	3.688e+05
		1.691e+05	1.511e+05	0.04	0.0	50.8	-480.33	-1965.51	-3169.19	1.147e+04	3.108e+05	2.770e+05
						101.5	-480.33	-2283.63	-3169.19	1.147e+04	1.511e+05	1.691e+05
272	64	-7.230e+04	-5.902e+04	-0.02	-636.24	0.0	3.44	4093.55	2003.97	1.730e+04	-2.646e+05	-4.554e+05
		-4.554e+05	-2.646e+05	6.12e-03	0.0	50.8	3.44	3775.43	2003.97	1.730e+04	-1.618e+05	-2.558e+05
						101.5	3.44	3457.31	2003.97	1.730e+04	-5.902e+04	-7.230e+04
272	69	5.180e+04	2458.33	-7.52e-03	-625.27	0.0	-567.36	1011.40	-17.76	4208.16	2458.33	-1.914e+04
		-1.914e+04	655.36	5.83e-04	0.0	50.8	-567.36	698.77	-17.76	4208.16	1556.85	2.426e+04
						101.5	-567.36	386.13	-17.76	4208.16	655.36	5.180e+04
272	70	6.580e+04	2597.67	-9.01e-03	-661.84	0.0	-583.01	1189.02	-19.05	-2507.38	2597.67	-2.131e+04
		-2.131e+04	664.01	6.41e-04	0.0	50.8	-583.01	858.10	-19.05	-2507.38	1630.84	3.065e+04
						101.5	-583.01	527.18	-19.05	-2507.38	664.01	6.580e+04
272	71	5.180e+04	2458.33	-7.52e-03	-625.27	0.0	-567.36	1011.40	-17.76	4208.16	2458.33	-1.914e+04
		-1.914e+04	655.36	5.83e-04	0.0	50.8	-567.36	698.77	-17.76	4208.16	1556.85	2.426e+04
						101.5	-567.36	386.13	-17.76	4208.16	655.36	5.180e+04
272	72	5.880e+04	2528.00	-8.27e-03	-643.55	0.0	-575.18	1100.21	-18.40	850.39	2528.00	-2.022e+04
		-2.022e+04	659.69	6.12e-04	0.0	50.8	-575.18	778.43	-18.40	850.39	1593.84	2.746e+04
						101.5	-575.18	456.66	-18.40	850.39	659.69	5.880e+04
272	73	5.180e+04	2458.33	-7.52e-03	-625.27	0.0	-567.36	1011.40	-17.76	4208.16	2458.33	-1.914e+04
		-1.914e+04	655.36	5.83e-04	0.0	50.8	-567.36	698.77	-17.76	4208.16	1556.85	2.426e+04
						101.5	-567.36	386.13	-17.76	4208.16	655.36	5.180e+04
272	74	5.600e+04	2500.14	-7.97e-03	-636.24	0.0	-572.05	1064.69	-18.15	2193.50	2500.14	-1.979e+04
		-1.979e+04	657.96	6.00e-04	0.0	50.8	-572.05	746.57	-18.15	2193.50	1579.05	2.618e+04
						101.5	-572.05	428.45	-18.15	2193.50	657.96	5.600e+04
273	1	1.861e+05	-1050.12	0.02	-827.57	0.0	-872.41	-346.46	-13.95	9665.48	-1050.12	1.861e+05
		1.090e+05	-2466.00	2.77e-04	0.0	50.8	-872.41	-759.75	-13.95	9665.48	-1758.06	1.580e+05
						101.5	-872.41	-1174.03	-13.95	9665.48	-2466.00	1.090e+05
273	2	2.374e+05	-983.07	0.03	-885.19	0.0	-941.74	-516.54	-12.75	2.066e+04	-983.07	2.374e+05
		1.401e+05	-2277.00	1.58e-04	0.0	50.8	-941.74	-958.55	-12.75	2.066e+04	-1630.04	2.000e+05
						101.5	-941.74	-1401.73	-12.75	2.066e+04	-2277.00	1.401e+05
273	3	1.432e+05	-807.79	0.02	-636.59	0.0	-671.09	-266.51	-10.73	7434.99	-807.79	1.432e+05
		8.381e+04	-1896.92	2.13e-04	0.0	50.8	-671.09	-584.43	-10.73	7434.99	-1352.36	1.216e+05
						101.5	-671.09	-903.10	-10.73	7434.99	-1896.92	8.381e+04
273	4	1.945e+05	-740.74	0.02	-694.21	0.0	-740.42	-436.59	-9.53	1.843e+04	-740.74	1.945e+05
		1.149e+05	-1707.92	9.66e-05	0.0	50.8	-740.42	-783.23	-9.53	1.843e+04	-1224.33	1.635e+05
						101.5	-740.42	-1130.80	-9.53	1.843e+04	-1707.92	1.149e+05
273	13	1.167e+05	-1.325e+05	0.02	-648.11	0.0	-3167.62	-1553.86	1352.85	-6.791e+04	-1.325e+05	1.167e+05
		-6.275e+04	-2.410e+05	-0.15	0.0	50.8	-3167.62	-1877.52	1352.85	-6.791e+04	-1.867e+05	3.521e+04
						101.5	-3167.62	-2201.97	1352.85	-6.791e+04	-2.410e+05	-6.275e+04
273	16	2.428e+05	2.373e+05	0.02	-648.11	0.0	1797.72	952.81	-1373.83	8.718e+04	1.309e+05	1.901e+05
		1.901e+05	1.309e+05	0.15	0.0	50.8	1797.72	629.15	-1373.83	8.718e+04	1.841e+05	2.247e+05
						101.5	1797.72	304.69	-1373.83	8.718e+04	2.373e+05	2.428e+05
273	29	4.193e+04	-6.039e+04	0.06	-648.11	0.0	-1566.17	-4116.48	-1916.26	-8682.55	-6.039e+04	4.193e+04
		-4.081e+05	-2.152e+05	0.11	0.0	50.8	-1566.17	-4440.14	-1916.26	-8682.55	-1.378e+05	-1.749e+05
						101.5	-1566.17	-4764.59	-1916.26	-8682.55	-2.152e+05	-4.081e+05
273	30	5.367e+05	3.660e+05	-0.04	-648.11	0.0	-513.36	3095.91	3158.34	-2.591e+04	1.034e+04	2.546e+05
		2.546e+05	1.034e+04	-0.19	0.0	50.8	-513.36	2772.25	3158.34	-2.591e+04	1.882e+05	4.039e+05
						101.5	-513.36	2447.79	3158.34	-2.591e+04	3.660e+05	5.367e+05
273	31	5.221e+04	-1.193e+04	0.07	-648.11	0.0	-856.54	-3696.96	-3179.32	4.518e+04	-1.193e+04	5.221e+04
		-3.566e+05	-3.697e+05	0.19	0.0	50.8	-856.54	-4020.62	-3179.32	4.518e+04	-1.908e+05	-1.440e+05
						101.5	-856.54	-4345.07	-3179.32	4.518e+04	-3.697e+05	-3.566e+05
273	32	5.882e+05	2.115e+05	-0.03	-648.11	0.0	196.27	3515.43	1895.28	2.795e+04	5.880e+04	2.649e+05
		2.649e+05	5.880e+04	-0.10	0.0	50.8	196.27	3191.77	1895.28	2.795e+04	1.352e+05	4.348e+05
						101.5	196.27	2867.31	1895.28	2.795e+04	2.115e+05	5.882e+05
273	45	1.334e+05	-7.658e+04	0.02	-648.11	0.0	-2115.62	-988.11	805.25	-3.508e+04	-7.658e+04	1.334e+05
		6702.90	-1.368e+05	-0.09	0.0	50.8	-2115.62	-1311.77	805.25	-3.508e+04	-1.067e+05	7.828e+04
						101.5	-2115.62	-1636.22	805.25	-3.508e+04	-1.368e+05	6702.90
273	48	1.816e+05	1.330e+05	0.02	-648.11	0.0	745.72	387.06	-826.23	5.435e+04	7.499e+04	1.734e+05
		1.734e+05	7.499e+04	0.09	0.0	50.8	745.72	63.40	-826.23	5.435e+04	1.040e+05	1.816e+05
						101.5	745.72	-261.06	-826.23	5.435e+04	1.330e+05	1.734e+05
273	61	9.346e+04	-3.358e+04	0.04	-648.11	0.0	-1190.06	-2356.45	-983.70	-937.48	-3.358e+04	9.346e+04
		-1.782e+05	-1.105e+05	0.06	0.0	50.8	-1190.06	-2680.11	-983.70	-937.48	-7.202e+04	-3.417e+04
						101.5	-1190.06	-3004.57	-983.70	-937.48	-1.105e+05	-1.782e+05
273	62	3.287e+05	1.963e+05	-0.01	-648.11	0.0	-587.23	1513.09	1695.19	-1.085e+04	4074.99	2.076e+05
		2.076e+05	4074.99	-0.11	0.0	50.8	-587.23	1189.43	1695.19	-1.085e+04	1.002e+05	2.764e+05
						101.5	-587.23	864.98	1695.19	-1.085e+04	1.963e+05	3.287e+05
273	63	9.924e+04	-5663.74	0.05	-648.11	0.0	-782.67	-2114.14	-1716.17	3.012e+04	-5663.74	9.924e+04
		-1.486e+05	-2.000e+05	0.11	0.0	50.8	-782.67	-2437.80	-1716.17	3.012e+04	-1.028e+05	-1.647e+04

						101.5	-782.67	-2762.26	-1716.17	3.012e+04	-2.000e+05	-1.486e+05
273	64	3.583e+05	1.067e+05	-9.31e-03	-648.11	0.0	-179.84	1755.40	962.72	2.020e+04	3.199e+04	2.134e+05
		2.134e+05	3.199e+04	-0.06	0.0	50.8	-179.84	1431.74	962.72	2.020e+04	6.936e+04	2.941e+05
						101.5	-179.84	1107.29	962.72	2.020e+04	1.067e+05	3.583e+05
273	69	1.432e+05	-807.79	0.02	-636.59	0.0	-671.09	-266.51	-10.73	7434.99	-807.79	1.432e+05
		8.381e+04	-1896.92	2.13e-04	0.0	50.8	-671.09	-584.43	-10.73	7434.99	-1352.36	1.216e+05
						101.5	-671.09	-903.10	-10.73	7434.99	-1896.92	8.381e+04
273	70	1.774e+05	-763.09	0.02	-675.00	0.0	-717.31	-379.90	-9.93	1.476e+04	-763.09	1.774e+05
		1.046e+05	-1770.92	1.34e-04	0.0	50.8	-717.31	-716.96	-9.93	1.476e+04	-1267.00	1.495e+05
						101.5	-717.31	-1054.90	-9.93	1.476e+04	-1770.92	1.046e+05
273	71	1.432e+05	-807.79	0.02	-636.59	0.0	-671.09	-266.51	-10.73	7434.99	-807.79	1.432e+05
		8.381e+04	-1896.92	2.13e-04	0.0	50.8	-671.09	-584.43	-10.73	7434.99	-1352.36	1.216e+05
						101.5	-671.09	-903.10	-10.73	7434.99	-1896.92	8.381e+04
273	72	1.603e+05	-785.44	0.02	-655.80	0.0	-694.20	-323.20	-10.33	1.110e+04	-785.44	1.603e+05
		9.419e+04	-1833.92	1.73e-04	0.0	50.8	-694.20	-650.69	-10.33	1.110e+04	-1309.68	1.355e+05
						101.5	-694.20	-979.00	-10.33	1.110e+04	-1833.92	9.419e+04
273	73	1.432e+05	-807.79	0.02	-636.59	0.0	-671.09	-266.51	-10.73	7434.99	-807.79	1.432e+05
		8.381e+04	-1896.92	2.13e-04	0.0	50.8	-671.09	-584.43	-10.73	7434.99	-1352.36	1.216e+05
						101.5	-671.09	-903.10	-10.73	7434.99	-1896.92	8.381e+04
273	74	1.534e+05	-794.38	0.02	-648.11	0.0	-684.95	-300.52	-10.49	9633.70	-794.38	1.534e+05
		9.004e+04	-1859.12	1.89e-04	0.0	50.8	-684.95	-624.19	-10.49	9633.70	-1326.75	1.299e+05
						101.5	-684.95	-948.64	-10.49	9633.70	-1859.12	9.004e+04
274	1	1.464e+05	266.77	-0.01	-812.85	0.0	-383.25	473.40	-5.29	5.683e+04	266.77	1.325e+05
		1.325e+05	-270.30	6.52e-05	0.0	50.8	-383.25	66.98	-5.29	5.683e+04	-1.77	1.462e+05
						101.5	-383.25	-339.44	-5.29	5.683e+04	-270.30	1.393e+05
274	2	1.766e+05	289.15	-0.01	-867.71	0.0	-369.76	543.79	-4.80	6.029e+04	289.15	1.593e+05
		1.593e+05	-198.24	2.60e-05	0.0	50.8	-369.76	109.94	-4.80	6.029e+04	45.45	1.759e+05
						101.5	-369.76	-323.92	-4.80	6.029e+04	-198.24	1.705e+05
274	3	1.126e+05	205.21	-9.14e-03	-625.27	0.0	-294.81	364.16	-4.07	4.372e+04	205.21	1.019e+05
		1.019e+05	-207.93	5.01e-05	0.0	50.8	-294.81	51.52	-4.07	4.372e+04	-1.36	1.124e+05
						101.5	-294.81	-261.11	-4.07	4.372e+04	-207.93	1.071e+05
274	4	1.428e+05	227.58	-0.01	-680.13	0.0	-281.32	434.55	-3.58	4.718e+04	227.58	1.287e+05
		1.287e+05	-135.86	1.09e-05	0.0	50.8	-281.32	94.48	-3.58	4.718e+04	45.86	1.422e+05
						101.5	-281.32	-245.58	-3.58	4.718e+04	-135.86	1.383e+05
274	9	2.129e+05	-1.637e+04	3.29e-03	-636.24	0.0	-1390.93	-1405.60	-5154.68	1.914e+05	-1.637e+04	2.129e+05
		3.336e+04	-5.085e+05	0.36	0.0	50.8	-1390.93	-1723.72	-5154.68	1.914e+05	-2.624e+05	1.312e+05
						101.5	-1390.93	-2041.84	-5154.68	1.914e+05	-5.085e+05	3.336e+04
274	12	1.934e+05	5.081e+05	-0.02	-636.24	0.0	806.71	2162.07	5146.73	-1.026e+05	1.679e+04	1627.85
		1627.85	1.679e+04	-0.36	0.0	50.8	806.71	1843.95	5146.73	-1.026e+05	2.624e+05	1.056e+05
						101.5	806.71	1525.83	5146.73	-1.026e+05	5.081e+05	1.934e+05
274	29	3.359e+05	7.243e+04	8.53e-03	-636.24	0.0	-920.82	-3613.65	-4328.74	7.974e+04	7.243e+04	3.359e+05
		-6.487e+04	-3.663e+05	0.16	0.0	50.8	-920.82	-3931.77	-4328.74	7.974e+04	-1.469e+05	1.436e+05
						101.5	-920.82	-4249.88	-4328.74	7.974e+04	-3.663e+05	-6.487e+04
274	32	2.916e+05	3.659e+05	-0.03	-636.24	0.0	336.60	4370.12	4320.79	9084.29	-7.201e+04	-1.214e+05
		-1.214e+05	-7.201e+04	-0.16	0.0	50.8	336.60	4052.00	4320.79	9084.29	1.470e+05	9.317e+04
						101.5	336.60	3733.88	4320.79	9084.29	3.659e+05	2.916e+05
274	41	1.654e+05	-1.047e+04	-3.19e-03	-636.24	0.0	-922.00	-594.09	-2914.03	1.292e+05	-1.047e+04	1.654e+05
		7.011e+04	-2.887e+05	0.21	0.0	50.8	-922.00	-912.21	-2914.03	1.292e+05	-1.496e+05	1.258e+05
						101.5	-922.00	-1230.33	-2914.03	1.292e+05	-2.887e+05	7.011e+04
274	44	1.566e+05	2.884e+05	-0.02	-636.24	0.0	337.78	1350.56	2906.08	-4.038e+04	1.089e+04	4.910e+04
		4.910e+04	1.089e+04	-0.21	0.0	50.8	337.78	1032.44	2906.08	-4.038e+04	1.496e+05	1.109e+05
						101.5	337.78	714.32	2906.08	-4.038e+04	2.884e+05	1.566e+05
274	61	2.311e+05	3.829e+04	-1.81e-03	-636.24	0.0	-644.51	-1775.61	-2342.37	6.505e+04	3.829e+04	2.311e+05
		1.760e+04	-1.997e+05	0.09	0.0	50.8	-644.51	-2093.73	-2342.37	6.505e+04	-8.069e+04	1.324e+05
						101.5	-644.51	-2411.85	-2342.37	6.505e+04	-1.997e+05	1.760e+04
274	64	2.091e+05	1.993e+05	-0.02	-636.24	0.0	60.29	2532.08	2334.43	2.377e+04	-3.787e+04	-1.661e+04
		-1.661e+04	-3.787e+04	-0.09	0.0	50.8	60.29	2213.96	2334.43	2.377e+04	8.070e+04	1.043e+05
						101.5	60.29	1895.84	2334.43	2.377e+04	1.993e+05	2.091e+05
274	69	1.126e+05	205.21	-9.14e-03	-625.27	0.0	-294.81	364.16	-4.07	4.372e+04	205.21	1.019e+05
		1.019e+05	-207.93	5.01e-05	0.0	50.8	-294.81	51.52	-4.07	4.372e+04	-1.36	1.124e+05
						101.5	-294.81	-261.11	-4.07	4.372e+04	-207.93	1.071e+05
274	70	1.327e+05	220.13	-9.90e-03	-661.84	0.0	-285.82	411.08	-3.74	4.602e+04	220.13	1.198e+05
		1.198e+05	-159.88	2.40e-05	0.0	50.8	-285.82	80.16	-3.74	4.602e+04	30.12	1.322e+05
						101.5	-285.82	-250.76	-3.74	4.602e+04	-159.88	1.279e+05
274	71	1.126e+05	205.21	-9.14e-03	-625.27	0.0	-294.81	364.16	-4.07	4.372e+04	205.21	1.019e+05
		1.019e+05	-207.93	5.01e-05	0.0	50.8	-294.81	51.52	-4.07	4.372e+04	-1.36	1.124e+05
						101.5	-294.81	-261.11	-4.07	4.372e+04	-207.93	1.071e+05
274	72	1.227e+05	212.67	-9.52e-03	-643.55	0.0	-290.31	387.62	-3.91	4.487e+04	212.67	1.108e+05
		1.108e+05	-183.90	3.71e-05	0.0	50.8	-290.31	65.84	-3.91	4.487e+04	14.38	1.223e+05
						101.5	-290.31	-255.93	-3.91	4.487e+04	-183.90	1.175e+05
274	73	1.126e+05	205.21	-9.14e-03	-625.27	0.0	-294.81	364.16	-4.07	4.372e+04	205.21	1.019e+05
		1.019e+05	-207.93	5.01e-05	0.0	50.8	-294.81	51.52	-4.07	4.372e+04	-1.36	1.124e+05
						101.5	-294.81	-261.11	-4.07	4.372e+04	-207.93	1.071e+05
274	74	1.186e+05	209.68	-9.37e-03	-636.24	0.0	-292.11	378.24	-3.97	4.441e+04	209.68	1.073e+05
		1.073e+05	-193.51	4.23e-05	0.0	50.8	-292.11	60.12	-3.97	4.441e+04	8.08	1.184e+05
						101.5	-292.11	-258.00	-3.97	4.441e+04	-193.51	1.134e+05
275	1	-6601.78	721.92	0.01	-816.33	0.0	-314.57	-745.29	2.22	-1.497e+05	496.88	-6601.78

		-1.238e+05	496.88	-9.58e-04	0.0	50.8	-314.57	-1154.32	2.22 -1.497e+05	609.40 -5.482e+04
						101.5	-314.57	-1561.62	2.22 -1.497e+05	721.92 -1.238e+05
275	2	-2.049e+04	93.30	0.01	-871.84	0.0	-278.60	-1088.41	-10.18 -1.518e+05	93.30 -2.049e+04
		-1.753e+05	-939.98	-5.51e-04	0.0	50.8	-278.60	-1525.36	-10.18 -1.518e+05	-423.34 -8.683e+04
						101.5	-278.60	-1960.25	-10.18 -1.518e+05	-939.98 -1.753e+05
275	3	-5078.29	555.32	9.24e-03	-627.94	0.0	-241.97	-573.30	1.71 -1.152e+05	382.22 -5078.29
		-9.519e+04	382.22	-7.37e-04	0.0	50.8	-241.97	-887.94	1.71 -1.152e+05	468.77 -4.217e+04
						101.5	-241.97	-1201.24	1.71 -1.152e+05	555.32 -9.519e+04
275	4	-1.897e+04	-21.36	8.73e-03	-683.46	0.0	-206.01	-916.42	-10.69 -1.173e+05	-21.36 -1.897e+04
		-1.467e+05	-1106.57	-3.30e-04	0.0	50.8	-206.01	-1258.98	-10.69 -1.173e+05	-563.97 -7.418e+04
						101.5	-206.01	-1599.88	-10.69 -1.173e+05	-1106.57 -1.467e+05
275	29	-3.619e+05	-2.114e+05	-0.07	-639.05	0.0	-1432.42	-6537.63	-4409.11 -1.519e+05	-2.114e+05 -3.619e+05
		-1.106e+06	-6.591e+05	-0.03	0.0	50.8	-1432.42	-6857.86	-4409.11 -1.519e+05	-4.353e+05 -7.259e+05
						101.5	-1432.42	-7176.68	-4409.11 -1.519e+05	-6.591e+05 -1.106e+06
275	32	8.951e+05	6.596e+05	0.09	-639.05	0.0	962.85	5253.79	4407.56 -7.927e+04	2.120e+05 3.462e+05
		3.462e+05	2.120e+05	0.03	0.0	50.8	962.85	4933.56	4407.56 -7.927e+04	4.358e+05 6.288e+05
						101.5	962.85	4614.74	4407.56 -7.927e+04	6.596e+05 8.951e+05
275	33	-4.040e+05	-1.849e+05	-0.07	-639.05	0.0	-1523.94	-6433.03	-3794.38 -1.636e+05	-1.849e+05 -4.040e+05
		-1.089e+06	-5.687e+05	-0.03	0.0	50.8	-1523.94	-6753.26	-3794.38 -1.636e+05	-3.768e+05 -7.386e+05
						101.5	-1523.94	-7072.08	-3794.38 -1.636e+05	-5.687e+05 -1.089e+06
275	34	7.961e+05	1.033e+06	0.09	-639.05	0.0	543.77	4691.87	6990.95 -1.279e+05	3.260e+05 3.523e+05
		3.523e+05	3.260e+05	-0.06	0.0	50.8	543.77	4371.64	6990.95 -1.279e+05	6.793e+05 5.823e+05
						101.5	543.77	4052.82	6990.95 -1.279e+05	1.033e+06 7.961e+05
275	35	-3.680e+05	-3.254e+05	-0.07	-639.05	0.0	-1013.33	-5975.71	-6992.49 -1.032e+05	-3.254e+05 -3.680e+05
		-1.007e+06	-1.032e+06	0.06	0.0	50.8	-1013.33	-6295.94	-6992.49 -1.032e+05	-6.788e+05 -6.795e+05
						101.5	-1013.33	-6614.76	-6992.49 -1.032e+05	-1.032e+06 -1.007e+06
275	36	8.784e+05	5.691e+05	0.09	-639.05	0.0	1054.37	5149.19	3792.83 -6.760e+04	1.855e+05 3.883e+05
		3.883e+05	1.855e+05	0.03	0.0	50.8	1054.37	4828.96	3792.83 -6.760e+04	3.773e+05 6.414e+05
						101.5	1054.37	4510.14	3792.83 -6.760e+04	5.691e+05 8.784e+05
275	50	1.880e+04	5.726e+05	0.02	-639.05	0.0	-551.63	-178.74	3928.64 -1.707e+05	1.758e+05 1.880e+04
		-3.170e+04	1.758e+05	-0.09	0.0	50.8	-551.63	-498.96	3928.64 -1.707e+05	3.742e+05 1656.02
						101.5	-551.63	-817.78	3928.64 -1.707e+05	5.726e+05 -3.170e+04
275	51	-3.451e+04	-1.752e+05	-4.48e-03	-639.05	0.0	82.07	-1105.11	-3930.18 -6.051e+04	-1.752e+05 -3.451e+04
		-1.793e+05	-5.722e+05	0.09	0.0	50.8	82.07	-1425.34	-3930.18 -6.051e+04	-3.737e+05 -9.880e+04
						101.5	82.07	-1744.16	-3930.18 -6.051e+04	-5.722e+05 -1.793e+05
275	61	-1.981e+05	-1.091e+05	-0.03	-639.05	0.0	-906.14	-3840.89	-2281.65 -1.357e+05	-1.091e+05 -1.981e+05
		-6.482e+05	-3.407e+05	-0.02	0.0	50.8	-906.14	-4161.12	-2281.65 -1.357e+05	-2.249e+05 -4.151e+05
						101.5	-906.14	-4479.94	-2281.65 -1.357e+05	-3.407e+05 -6.482e+05
275	64	4.372e+05	3.411e+05	0.05	-639.05	0.0	436.58	2557.05	2280.10 -9.547e+04	1.097e+05 1.824e+05
		1.824e+05	1.097e+05	0.02	0.0	50.8	436.58	2236.82	2280.10 -9.547e+04	2.254e+05 3.179e+05
						101.5	436.58	1918.00	2280.10 -9.547e+04	3.411e+05 4.372e+05
275	65	-2.224e+05	-9.386e+04	-0.03	-639.05	0.0	-959.18	-3780.76	-1927.75 -1.425e+05	-9.386e+04 -2.224e+05
		-6.386e+05	-2.886e+05	-0.02	0.0	50.8	-959.18	-4100.99	-1927.75 -1.425e+05	-1.912e+05 -4.224e+05
						101.5	-959.18	-4419.81	-1927.75 -1.425e+05	-2.886e+05 -6.386e+05
275	68	4.276e+05	2.891e+05	0.05	-639.05	0.0	489.62	2496.92	1926.20 -8.865e+04	9.446e+04 2.067e+05
		2.067e+05	9.446e+04	0.02	0.0	50.8	489.62	2176.69	1926.20 -8.865e+04	1.918e+05 3.252e+05
						101.5	489.62	1857.87	1926.20 -8.865e+04	2.891e+05 4.276e+05
275	69	-5078.29	555.32	9.24e-03	-627.94	0.0	-241.97	-573.30	1.71 -1.152e+05	382.22 -5078.29
		-9.519e+04	382.22	-7.37e-04	0.0	50.8	-241.97	-887.94	1.71 -1.152e+05	468.77 -4.217e+04
						101.5	-241.97	-1201.24	1.71 -1.152e+05	555.32 -9.519e+04
275	70	-1.434e+04	113.17	8.90e-03	-664.95	0.0	-218.00	-802.05	-6.56 -1.166e+05	113.17 -1.434e+04
		-1.296e+05	-552.61	-4.65e-04	0.0	50.8	-218.00	-1135.30	-6.56 -1.166e+05	-219.72 -6.351e+04
						101.5	-218.00	-1467.00	-6.56 -1.166e+05	-552.61 -1.296e+05
275	71	-5078.29	555.32	9.24e-03	-627.94	0.0	-241.97	-573.30	1.71 -1.152e+05	382.22 -5078.29
		-9.519e+04	382.22	-7.37e-04	0.0	50.8	-241.97	-887.94	1.71 -1.152e+05	468.77 -4.217e+04
						101.5	-241.97	-1201.24	1.71 -1.152e+05	555.32 -9.519e+04
275	72	-9707.64	247.69	9.07e-03	-646.45	0.0	-229.99	-687.67	-2.43 -1.159e+05	247.69 -9707.64
		-1.124e+05	1.36	-6.01e-04	0.0	50.8	-229.99	-1011.62	-2.43 -1.159e+05	124.52 -5.284e+04
						101.5	-229.99	-1334.12	-2.43 -1.159e+05	1.36 -1.124e+05
275	73	-5078.29	555.32	9.24e-03	-627.94	0.0	-241.97	-573.30	1.71 -1.152e+05	382.22 -5078.29
		-9.519e+04	382.22	-7.37e-04	0.0	50.8	-241.97	-887.94	1.71 -1.152e+05	468.77 -4.217e+04
						101.5	-241.97	-1201.24	1.71 -1.152e+05	555.32 -9.519e+04
275	74	-7855.90	301.50	9.14e-03	-639.05	0.0	-234.78	-641.92	-0.77 -1.156e+05	301.50 -7855.90
		-1.055e+05	222.94	-6.55e-04	0.0	50.8	-234.78	-962.15	-0.77 -1.156e+05	262.22 -4.857e+04
						101.5	-234.78	-1280.97	-0.77 -1.156e+05	222.94 -1.055e+05
276	1	1.789e+05	973.82	0.01	-812.85	0.0	-344.51	194.88	-10.83 6.156e+04	973.82 1.765e+05
		1.551e+05	-125.37	2.02e-04	0.0	50.8	-344.51	-211.55	-10.83 6.156e+04	424.22 1.761e+05
						101.5	-344.51	-617.97	-10.83 6.156e+04	-125.37 1.551e+05
276	2	2.190e+05	1158.88	0.01	-867.71	0.0	-326.51	137.99	-13.05 6.360e+04	1158.88 2.179e+05
		1.879e+05	-166.00	3.94e-04	0.0	50.8	-326.51	-295.87	-13.05 6.360e+04	496.44 2.139e+05
						101.5	-326.51	-729.72	-13.05 6.360e+04	-166.00 1.879e+05
276	3	1.376e+05	749.09	0.01	-625.27	0.0	-265.00	149.90	-8.33 4.735e+04	749.09 1.358e+05
		1.193e+05	-96.44	1.56e-04	0.0	50.8	-265.00	-162.73	-8.33 4.735e+04	326.33 1.355e+05
						101.5	-265.00	-475.36	-8.33 4.735e+04	-96.44 1.193e+05
276	4	1.779e+05	934.15	0.01	-680.13	0.0	-247.01	93.02	-10.55 4.939e+04	934.15 1.772e+05
		1.521e+05	-137.07	3.48e-04	0.0	50.8	-247.01	-247.05	-10.55 4.939e+04	398.54 1.733e+05
						101.5	-247.01	-587.11	-10.55 4.939e+04	-137.07 1.521e+05

276	21	2.172e+05	1.664e+05	0.04	-636.24	0.0	685.52	-3356.65	4078.46	1054.44	-2.822e+05	2.172e+05
		-1.572e+05	-2.822e+05	-0.21	0.0	50.8	685.52	-3674.78	4078.46	1054.44	-5.794e+04	3.806e+04
						101.5	685.52	-3992.90	4078.46	1054.44	1.664e+05	-1.572e+05
276	24	4.089e+05	2.838e+05	-0.02	-636.24	0.0	-1208.33	3633.71	-4096.01	9.447e+04	2.838e+05	7.095e+04
		7.095e+04	-1.666e+05	0.21	0.0	50.8	-1208.33	3315.59	-4096.01	9.447e+04	5.862e+04	2.480e+05
						101.5	-1208.33	2997.47	-4096.01	9.447e+04	-1.666e+05	4.089e+05
276	53	1.832e+05	8.916e+04	0.03	-636.24	0.0	258.42	-1750.83	2161.75	2.253e+04	-1.510e+05	1.832e+05
		-2.759e+04	-1.510e+05	-0.11	0.0	50.8	258.42	-2068.95	2161.75	2.253e+04	-3.090e+04	8.590e+04
						101.5	258.42	-2387.08	2161.75	2.253e+04	8.916e+04	-2.759e+04
276	56	2.793e+05	1.525e+05	-8.01e-03	-636.24	0.0	-781.23	2027.89	-2179.30	7.298e+04	1.525e+05	1.049e+05
		1.049e+05	-8.937e+04	0.11	0.0	50.8	-781.23	1709.77	-2179.30	7.298e+04	3.158e+04	2.002e+05
						101.5	-781.23	1391.65	-2179.30	7.298e+04	-8.937e+04	2.793e+05
276	69	1.376e+05	749.09	0.01	-625.27	0.0	-265.00	149.90	-8.33	4.735e+04	749.09	1.358e+05
		1.193e+05	-96.44	1.56e-04	0.0	50.8	-265.00	-162.73	-8.33	4.735e+04	326.33	1.355e+05
						101.5	-265.00	-475.36	-8.33	4.735e+04	-96.44	1.193e+05
276	70	1.644e+05	872.46	0.01	-661.85	0.0	-253.01	111.98	-9.81	4.871e+04	872.46	1.634e+05
		1.412e+05	-123.53	2.84e-04	0.0	50.8	-253.01	-218.94	-9.81	4.871e+04	374.47	1.607e+05
						101.5	-253.01	-549.86	-9.81	4.871e+04	-123.53	1.412e+05
276	71	1.376e+05	749.09	0.01	-625.27	0.0	-265.00	149.90	-8.33	4.735e+04	749.09	1.358e+05
		1.193e+05	-96.44	1.56e-04	0.0	50.8	-265.00	-162.73	-8.33	4.735e+04	326.33	1.355e+05
						101.5	-265.00	-475.36	-8.33	4.735e+04	-96.44	1.193e+05
276	72	1.509e+05	810.78	0.01	-643.56	0.0	-259.01	130.94	-9.07	4.803e+04	810.78	1.496e+05
		1.302e+05	-109.98	2.20e-04	0.0	50.8	-259.01	-190.84	-9.07	4.803e+04	350.40	1.481e+05
						101.5	-259.01	-512.61	-9.07	4.803e+04	-109.98	1.302e+05
276	73	1.376e+05	749.09	0.01	-625.27	0.0	-265.00	149.90	-8.33	4.735e+04	749.09	1.358e+05
		1.193e+05	-96.44	1.56e-04	0.0	50.8	-265.00	-162.73	-8.33	4.735e+04	326.33	1.355e+05
						101.5	-265.00	-475.36	-8.33	4.735e+04	-96.44	1.193e+05
276	74	1.456e+05	786.10	0.01	-636.24	0.0	-261.41	138.53	-8.77	4.776e+04	786.10	1.441e+05
		1.258e+05	-104.56	1.94e-04	0.0	50.8	-261.41	-179.59	-8.77	4.776e+04	340.77	1.430e+05
						101.5	-261.41	-497.71	-8.77	4.776e+04	-104.56	1.258e+05
277	1	1.618e+04	4245.13	5.00e-03	-812.85	0.0	-515.63	-739.89	32.30	-1.658e+04	966.11	1.618e+04
		-1.002e+05	966.11	-1.84e-03	0.0	50.8	-515.63	-1146.32	32.30	-1.658e+04	2605.62	-3.169e+04
						101.5	-515.63	-1552.74	32.30	-1.658e+04	4245.13	-1.002e+05
277	2	2.410e+04	5371.67	5.83e-03	-867.71	0.0	-476.04	-989.73	40.14	-2.936e+04	1297.31	2.410e+04
		-1.204e+05	1297.31	-2.11e-03	0.0	50.8	-476.04	-1423.58	40.14	-2.936e+04	3334.49	-3.715e+04
						101.5	-476.04	-1857.44	40.14	-2.936e+04	5371.67	-1.204e+05
277	3	1.245e+04	3265.48	3.84e-03	-625.27	0.0	-396.64	-569.15	24.85	-1.275e+04	743.16	1.245e+04
		-7.707e+04	743.16	-1.42e-03	0.0	50.8	-396.64	-881.78	24.85	-1.275e+04	2004.32	-2.437e+04
						101.5	-396.64	-1194.42	24.85	-1.275e+04	3265.48	-7.707e+04
277	4	2.036e+04	4392.03	4.68e-03	-680.13	0.0	-357.05	-818.98	32.68	-2.554e+04	1074.36	2.036e+04
		-9.730e+04	1074.36	-1.69e-03	0.0	50.8	-357.05	-1159.05	32.68	-2.554e+04	2733.20	-2.984e+04
						101.5	-357.05	-1499.12	32.68	-2.554e+04	4392.03	-9.730e+04
277	5	-1.161e+05	1.131e+06	0.01	-636.24	0.0	880.42	-3808.52	8039.00	-1.307e+05	3.191e+05	-1.161e+05
		-5.348e+05	3.191e+05	-0.14	0.0	50.8	880.42	-4126.64	8039.00	-1.307e+05	7.251e+05	-3.174e+05
						101.5	880.42	-4444.76	8039.00	-1.307e+05	1.131e+06	-5.348e+05
277	8	3.726e+05	-3.175e+05	-6.18e-03	-636.24	0.0	-1657.85	2570.29	-7986.17	1.001e+05	-3.175e+05	1.442e+05
		1.442e+05	-1.124e+06	0.14	0.0	50.8	-1657.85	2252.17	-7986.17	1.001e+05	-7.208e+05	2.665e+05
						101.5	-1657.85	1934.05	-7986.17	1.001e+05	-1.124e+06	3.726e+05
277	13	-8.577e+04	9.714e+05	9.41e-03	-636.24	0.0	1647.20	-3172.59	7550.38	-1.116e+05	2.101e+05	-8.577e+04
		-4.391e+05	2.101e+05	-0.15	0.0	50.8	1647.20	-3490.71	7550.38	-1.116e+05	5.907e+05	-2.544e+05
						101.5	1647.20	-3808.83	7550.38	-1.116e+05	9.714e+05	-4.391e+05
277	16	2.769e+05	-2.085e+05	-3.23e-03	-636.24	0.0	-2424.64	1934.36	-7497.55	8.095e+04	-2.085e+05	1.138e+05
		1.138e+05	-9.644e+05	0.15	0.0	50.8	-2424.64	1616.24	-7497.55	8.095e+04	-5.864e+05	2.034e+05
						101.5	-2424.64	1298.12	-7497.55	8.095e+04	-9.644e+05	2.769e+05
277	21	-2.668e+05	7.237e+05	0.01	-636.24	0.0	714.33	-7337.42	5178.57	-4349.27	1.997e+05	-2.668e+05
		-1.044e+06	1.997e+05	0.06	0.0	50.8	714.33	-7655.54	5178.57	-4349.27	4.617e+05	-6.473e+05
						101.5	714.33	-7973.66	5178.57	-4349.27	7.237e+05	-1.044e+06
277	24	8.817e+05	-1.981e+05	7.15e-03	-636.24	0.0	-1491.76	6099.19	-5125.74	-2.627e+04	-1.981e+05	2.949e+05
		2.949e+05	-7.167e+05	-0.06	0.0	50.8	-1491.76	5781.07	-5125.74	-2.627e+04	-4.574e+05	5.964e+05
						101.5	-1491.76	5462.95	-5125.74	-2.627e+04	-7.167e+05	8.817e+05
277	37	-5.783e+04	6.490e+05	8.88e-03	-636.24	0.0	339.67	-2385.99	4612.27	-8.237e+04	1.831e+05	-5.783e+04
		-3.322e+05	1.831e+05	-0.08	0.0	50.8	339.67	-2704.11	4612.27	-8.237e+04	4.160e+05	-1.870e+05
						101.5	339.67	-3022.23	4612.27	-8.237e+04	6.490e+05	-3.322e+05
277	40	1.700e+05	-1.814e+05	-2.32e-03	-636.24	0.0	-1117.10	1147.76	-4559.44	5.175e+04	-1.814e+05	8.589e+04
		8.589e+04	-6.420e+05	0.08	0.0	50.8	-1117.10	829.64	-4559.44	5.175e+04	-4.117e+05	1.360e+05
						101.5	-1117.10	511.52	-4559.44	5.175e+04	-6.420e+05	1.700e+05
277	45	-4.016e+04	5.558e+05	6.94e-03	-636.24	0.0	780.45	-2015.44	4323.18	-7.152e+04	1.199e+05	-4.016e+04
		-2.765e+05	1.199e+05	-0.09	0.0	50.8	780.45	-2333.56	4323.18	-7.152e+04	3.379e+05	-1.502e+05
						101.5	780.45	-2651.68	4323.18	-7.152e+04	5.558e+05	-2.765e+05
277	48	1.143e+05	-1.183e+05	1.42e-03	-636.24	0.0	-1557.89	777.21	-4270.35	4.090e+04	-1.183e+05	6.822e+04
		6.822e+04	-5.488e+05	0.09	0.0	50.8	-1557.89	459.09	-4270.35	4.090e+04	-3.336e+05	9.931e+04
						101.5	-1557.89	140.97	-4270.35	4.090e+04	-5.488e+05	1.143e+05
277	53	-1.374e+05	3.989e+05	6.84e-03	-636.24	0.0	230.29	-4246.72	2853.84	-1.130e+04	1.102e+05	-1.374e+05
		-6.008e+05	1.102e+05	0.03	0.0	50.8	230.29	-4564.84	2853.84	-1.130e+04	2.545e+05	-3.610e+05
						101.5	230.29	-4882.96	2853.84	-1.130e+04	3.989e+05	-6.008e+05
277	56	4.385e+05	-1.086e+05	5.52e-03	-636.24	0.0	-1007.72	3008.49	-2801.02	-1.932e+04	-1.086e+05	1.655e+05
		1.655e+05	-3.919e+05	-0.03	0.0	50.8	-1007.72	2690.37	-2801.02	-1.932e+04	-2.502e+05	3.101e+05

						101.5	-1007.72	2372.25	-2801.02	-1.932e+04	-3.919e+05	4.385e+05
277	69	1.245e+04	3265.48	3.84e-03	-625.27	0.0	-396.64	-569.15	24.85	-1.275e+04	743.16	1.245e+04
		-7.707e+04	743.16	-1.42e-03	0.0	50.8	-396.64	-881.78	24.85	-1.275e+04	2004.32	-2.437e+04
						101.5	-396.64	-1194.42	24.85	-1.275e+04	3265.48	-7.707e+04
277	70	1.772e+04	4016.51	4.40e-03	-661.85	0.0	-370.24	-735.70	30.07	-2.128e+04	963.96	1.772e+04
		-9.056e+04	963.96	-1.60e-03	0.0	50.8	-370.24	-1066.63	30.07	-2.128e+04	2490.24	-2.802e+04
						101.5	-370.24	-1397.55	30.07	-2.128e+04	4016.51	-9.056e+04
277	71	1.245e+04	3265.48	3.84e-03	-625.27	0.0	-396.64	-569.15	24.85	-1.275e+04	743.16	1.245e+04
		-7.707e+04	743.16	-1.42e-03	0.0	50.8	-396.64	-881.78	24.85	-1.275e+04	2004.32	-2.437e+04
						101.5	-396.64	-1194.42	24.85	-1.275e+04	3265.48	-7.707e+04
277	72	1.509e+04	3641.00	4.12e-03	-643.56	0.0	-383.44	-652.43	27.46	-1.701e+04	853.56	1.509e+04
		-8.381e+04	853.56	-1.51e-03	0.0	50.8	-383.44	-974.20	27.46	-1.701e+04	2247.28	-2.620e+04
						101.5	-383.44	-1295.98	27.46	-1.701e+04	3641.00	-8.381e+04
277	73	1.245e+04	3265.48	3.84e-03	-625.27	0.0	-396.64	-569.15	24.85	-1.275e+04	743.16	1.245e+04
		-7.707e+04	743.16	-1.42e-03	0.0	50.8	-396.64	-881.78	24.85	-1.275e+04	2004.32	-2.437e+04
						101.5	-396.64	-1194.42	24.85	-1.275e+04	3265.48	-7.707e+04
277	74	1.403e+04	3490.79	4.01e-03	-636.24	0.0	-388.72	-619.11	26.41	-1.531e+04	809.40	1.403e+04
		-8.111e+04	809.40	-1.47e-03	0.0	50.8	-388.72	-937.23	26.41	-1.531e+04	2150.10	-2.547e+04
						101.5	-388.72	-1255.36	26.41	-1.531e+04	3490.79	-8.111e+04
278	1	9.654e+04	-2513.55	7.20e-03	-812.85	0.0	-590.20	-479.79	-35.20	2321.51	-2513.55	9.654e+04
		6570.43	-6087.02	7.75e-04	0.0	50.8	-590.20	-886.22	-35.20	2321.51	-4300.29	6.187e+04
						101.5	-590.20	-1292.64	-35.20	2321.51	-6087.02	6570.43
278	2	1.226e+05	-2773.64	9.87e-03	-867.71	0.0	-568.52	-721.34	-38.67	-9515.42	-2773.64	1.226e+05
		5304.55	-6698.83	8.62e-04	0.0	50.8	-568.52	-1155.20	-38.67	-9515.42	-4736.24	7.495e+04
						101.5	-568.52	-1589.05	-38.67	-9515.42	-6698.83	5304.55
278	3	7.426e+04	-1933.50	5.54e-03	-625.27	0.0	-454.00	-369.07	-27.08	1785.78	-1933.50	7.426e+04
		5054.18	-4682.32	5.96e-04	0.0	50.8	-454.00	-681.71	-27.08	1785.78	-3707.91	4.759e+04
						101.5	-454.00	-994.34	-27.08	1785.78	-4682.32	5054.18
278	4	1.003e+05	-2193.59	8.21e-03	-680.13	0.0	-432.32	-610.62	-30.54	-1.005e+04	-2193.59	1.003e+05
		3788.30	-5294.14	6.83e-04	0.0	50.8	-432.32	-950.68	-30.54	-1.005e+04	-3743.86	6.067e+04
						101.5	-432.32	-1290.75	-30.54	-1.005e+04	-5294.14	3788.30
278	10	1.804e+05	2.355e+05	6.83e-03	-636.24	0.0	2566.10	-147.57	2072.39	-7.684e+04	-2.583e+05	1.804e+05
		5.049e+04	-2.583e+05	-0.14	0.0	50.8	2566.10	-465.69	2072.39	-7.684e+04	-1.140e+04	1.235e+05
						101.5	2566.10	-783.81	2072.39	-7.684e+04	2.355e+05	5.049e+04
278	11	-2.022e+04	2.543e+05	5.31e-03	-636.24	0.0	-3465.44	-687.19	-2127.94	7.568e+04	2.543e+05	-2.150e+04
		-4.088e+04	-2.451e+05	0.14	0.0	50.8	-3465.44	-1005.31	-2127.94	7.568e+04	4605.27	-2.312e+04
						101.5	-3465.44	-1323.43	-2127.94	7.568e+04	-2.451e+05	-4.088e+04
278	21	-1.638e+05	9.360e+05	0.02	-636.24	0.0	204.93	-5376.19	5868.78	-9105.76	2.553e+05	-1.638e+05
		-7.666e+05	2.553e+05	-0.07	0.0	50.8	204.93	-5694.31	5868.78	-9105.76	5.957e+05	-4.571e+05
						101.5	204.93	-6012.43	5868.78	-9105.76	9.360e+05	-7.666e+05
278	24	7.762e+05	-2.593e+05	-0.01	-636.24	0.0	-1104.27	4541.43	-5924.32	7942.54	-2.593e+05	3.227e+05
		3.227e+05	-9.456e+05	0.07	0.0	50.8	-1104.27	4223.31	-5924.32	7942.54	-6.025e+05	5.575e+05
						101.5	-1104.27	3905.19	-5924.32	7942.54	-9.456e+05	7.762e+05
278	26	7.537e+05	-4.016e+05	-0.02	-636.24	0.0	531.21	4383.15	-5773.74	3084.29	-4.016e+05	3.420e+05
		3.420e+05	-9.835e+05	0.05	0.0	50.8	531.21	4065.03	-5773.74	3084.29	-6.925e+05	5.559e+05
						101.5	531.21	3746.90	-5773.74	3084.29	-9.835e+05	7.537e+05
278	27	-1.831e+05	9.739e+05	0.02	-636.24	0.0	-1430.55	-5217.91	5718.20	-4247.51	3.976e+05	-1.831e+05
		-7.441e+05	3.976e+05	-0.05	0.0	50.8	-1430.55	-5536.03	5718.20	-4247.51	6.857e+05	-4.555e+05
						101.5	-1430.55	-5854.15	5718.20	-4247.51	9.739e+05	-7.441e+05
278	42	1.347e+05	1.447e+05	6.73e-03	-636.24	0.0	1287.58	-301.66	1251.57	-4.442e+04	-1.456e+05	1.347e+05
		2.542e+04	-1.456e+05	-0.08	0.0	50.8	1287.58	-619.78	1251.57	-4.442e+04	-430.93	8.813e+04
						101.5	1287.58	-937.90	1251.57	-4.442e+04	1.447e+05	2.542e+04
278	43	2.424e+04	1.416e+05	5.42e-03	-636.24	0.0	-2186.91	-533.10	-1307.12	4.326e+04	1.416e+05	2.424e+04
		-1.582e+04	-1.543e+05	0.08	0.0	50.8	-2186.91	-851.22	-1307.12	4.326e+04	-6359.27	1.228e+04
						101.5	-2186.91	-1169.34	-1307.12	4.326e+04	-1.543e+05	-1.582e+04
278	53	-5.108e+04	4.995e+05	0.02	-636.24	0.0	-67.43	-3088.50	3141.75	-5541.77	1.316e+05	-5.108e+04
		-4.108e+05	1.316e+05	-0.04	0.0	50.8	-67.43	-3406.62	3141.75	-5541.77	3.156e+05	-2.229e+05
						101.5	-67.43	-3724.74	3141.75	-5541.77	4.995e+05	-4.108e+05
278	56	4.204e+05	-1.356e+05	-6.58e-03	-636.24	0.0	-831.90	2253.74	-3197.29	4378.56	-1.356e+05	2.100e+05
		2.100e+05	-5.091e+05	0.04	0.0	50.8	-831.90	1935.62	-3197.29	4378.56	-3.223e+05	3.233e+05
						101.5	-831.90	1617.50	-3197.29	4378.56	-5.091e+05	4.204e+05
278	58	4.074e+05	-2.176e+05	-6.60e-03	-636.24	0.0	111.39	2161.94	-3108.22	1611.29	-2.176e+05	2.208e+05
		2.208e+05	-5.306e+05	0.03	0.0	50.8	111.39	1843.82	-3108.22	1611.29	-3.741e+05	3.222e+05
						101.5	111.39	1525.70	-3108.22	1611.29	-5.306e+05	4.074e+05
278	59	-6.191e+04	5.210e+05	0.02	-636.24	0.0	-1010.72	-2996.70	3052.68	-2774.51	2.136e+05	-6.191e+04
		-3.978e+05	2.136e+05	-0.03	0.0	50.8	-1010.72	-3314.82	3052.68	-2774.51	3.673e+05	-2.218e+05
						101.5	-1010.72	-3632.95	3052.68	-2774.51	5.210e+05	-3.978e+05
278	69	7.426e+04	-1933.50	5.54e-03	-625.27	0.0	-454.00	-369.07	-27.08	1785.78	-1933.50	7.426e+04
		5054.18	-4682.32	5.96e-04	0.0	50.8	-454.00	-681.71	-27.08	1785.78	-3307.91	4.759e+04
						101.5	-454.00	-994.34	-27.08	1785.78	-4682.32	5054.18
278	70	9.162e+04	-2106.89	7.32e-03	-661.85	0.0	-439.55	-530.10	-29.39	-6105.51	-2106.89	9.162e+04
		4210.26	-5090.20	6.54e-04	0.0	50.8	-439.55	-861.03	-29.39	-6105.51	-3598.55	5.631e+04
						101.5	-439.55	-1191.95	-29.39	-6105.51	-5090.20	4210.26
278	71	7.426e+04	-1933.50	5.54e-03	-625.27	0.0	-454.00	-369.07	-27.08	1785.78	-1933.50	7.426e+04
		5054.18	-4682.32	5.96e-04	0.0	50.8	-454.00	-681.71	-27.08	1785.78	-3307.91	4.759e+04
						101.5	-454.00	-994.34	-27.08	1785.78	-4682.32	5054.18
278	72	8.294e+04	-2020.20	6.43e-03	-643.56	0.0	-446.77	-449.59	-28.23	-2159.87	-2020.20	8.294e+04

		4632.22	-4886.26	6.25e-04	0.0	50.8	-446.77	-771.37	-28.23	-2159.87	-3453.23	5.195e+04
						101.5	-446.77	-1093.14	-28.23	-2159.87	-4886.26	4632.22
278	73	7.426e+04	-1933.50	5.54e-03	-625.27	0.0	-454.00	-369.07	-27.08	1785.78	-1933.50	7.426e+04
		5054.18	-4682.32	5.96e-04	0.0	50.8	-454.00	-681.71	-27.08	1785.78	-3307.91	4.759e+04
						101.5	-454.00	-994.34	-27.08	1785.78	-4682.32	5054.18
278	74	7.947e+04	-1985.52	6.07e-03	-636.24	0.0	-449.67	-417.38	-27.77	-581.61	-1985.52	7.947e+04
		4801.00	-4804.69	6.14e-04	0.0	50.8	-449.67	-735.50	-27.77	-581.61	-3395.10	5.021e+04
						101.5	-449.67	-1053.62	-27.77	-581.61	-4804.69	4801.00
279	1	1.244e+05	-725.99	4.10e-03	-812.85	0.0	-371.68	-515.03	-10.13	-6.514e+04	-725.99	1.244e+05
		3.087e+04	-1753.86	1.71e-04	0.0	50.8	-371.68	-921.46	-10.13	-6.514e+04	-1239.92	8.796e+04
						101.5	-371.68	-1327.88	-10.13	-6.514e+04	-1753.86	3.087e+04
279	2	1.542e+05	-821.77	6.49e-03	-867.71	0.0	-337.06	-734.28	-11.25	-8.136e+04	-821.77	1.542e+05
		3.557e+04	-1963.43	2.19e-04	0.0	50.8	-337.06	-1168.14	-11.25	-8.136e+04	-1392.60	1.059e+05
						101.5	-337.06	-1602.00	-11.25	-8.136e+04	-1963.43	3.557e+04
279	3	9.571e+04	-558.45	3.15e-03	-625.27	0.0	-285.91	-396.18	-7.79	-5.011e+04	-558.45	9.571e+04
		2.375e+04	-1349.12	1.31e-04	0.0	50.8	-285.91	-708.81	-7.79	-5.011e+04	-953.79	6.766e+04
						101.5	-285.91	-1021.45	-7.79	-5.011e+04	-1349.12	2.375e+04
279	4	1.254e+05	-654.24	5.55e-03	-680.13	0.0	-251.29	-615.43	-8.91	-6.632e+04	-654.24	1.254e+05
		2.845e+04	-1558.70	1.79e-04	0.0	50.8	-251.29	-955.49	-8.91	-6.632e+04	-1106.47	8.558e+04
						101.5	-251.29	-1295.56	-8.91	-6.632e+04	-1558.70	2.845e+04
279	6	2.744e+05	-5.180e+05	-6.30e-03	-636.24	0.0	783.67	1425.31	-5062.63	9.311e+04	-5.180e+05	1.654e+05
		1.654e+05	-1.029e+06	0.30	0.0	50.8	783.67	1107.19	-5062.63	9.311e+04	-7.737e+05	2.280e+05
						101.5	783.67	789.06	-5062.63	9.311e+04	-1.029e+06	2.744e+05
279	7	3.793e+04	1.027e+06	0.01	-636.24	0.0	-1341.64	-2305.37	5046.60	-1.998e+05	5.169e+05	3.793e+04
		-2.251e+05	5.169e+05	-0.30	0.0	50.8	-1341.64	-2623.49	5046.60	-1.998e+05	7.718e+05	-8.549e+04
						101.5	-1341.64	-2941.61	5046.60	-1.998e+05	1.027e+06	-2.251e+05
279	9	9.220e+04	-3.882e+05	-5.47e-03	-636.24	0.0	1090.62	-607.38	-3395.43	9.808e+04	-3.882e+05	9.220e+04
		-4100.99	-7.308e+05	0.29	0.0	50.8	1090.62	-925.51	-3395.43	9.808e+04	-5.595e+05	5.212e+04
						101.5	1090.62	-1243.63	-3395.43	9.808e+04	-7.308e+05	-4100.99
279	12	1.111e+05	7.281e+05	0.01	-636.24	0.0	-1648.59	-272.67	3379.40	-2.048e+05	3.870e+05	1.111e+05
		5.348e+04	3.870e+05	-0.29	0.0	50.8	-1648.59	-590.80	3379.40	-2.048e+05	5.575e+05	9.037e+04
						101.5	-1648.59	-908.92	3379.40	-2.048e+05	7.281e+05	5.348e+04
279	22	5.807e+05	-3.676e+05	-5.92e-03	-636.24	0.0	-417.33	3667.23	-4245.85	-1.668e+04	-3.676e+05	2.435e+05
		2.435e+05	-7.968e+05	0.10	0.0	50.8	-417.33	3349.11	-4245.85	-1.668e+04	-5.822e+05	4.202e+05
						101.5	-417.33	3030.99	-4245.85	-1.668e+04	-7.968e+05	5.807e+05
279	23	-4.018e+04	7.940e+05	8.45e-03	-636.24	0.0	-140.64	-4547.29	4229.82	-9.003e+04	3.665e+05	-4.018e+04
		-5.313e+05	3.665e+05	-0.10	0.0	50.8	-140.64	-4865.41	4229.82	-9.003e+04	5.802e+05	-2.777e+05
						101.5	-140.64	-5183.53	4229.82	-9.003e+04	7.940e+05	-5.313e+05
279	38	1.609e+05	-2.944e+05	-3.01e-03	-636.24	0.0	341.07	579.69	-2864.62	3.112e+04	-2.944e+05	1.359e+05
		1.359e+05	-5.837e+05	0.17	0.0	50.8	341.07	261.57	-2864.62	3.112e+04	-4.391e+05	1.563e+05
						101.5	341.07	-56.55	-2864.62	3.112e+04	-5.837e+05	1.605e+05
279	39	6.736e+04	5.810e+05	8.49e-03	-636.24	0.0	-899.03	-1459.75	2848.59	-1.378e+05	2.933e+05	6.736e+04
		-1.111e+05	2.933e+05	-0.17	0.0	50.8	-899.03	-1777.87	2848.59	-1.378e+05	4.371e+05	-1.380e+04
						101.5	-899.03	-2095.99	2848.59	-1.378e+05	5.810e+05	-1.111e+05
279	41	9.695e+04	-2.259e+05	-1.75e-03	-636.24	0.0	514.82	-518.66	-1984.99	3.386e+04	-2.259e+05	9.695e+04
		1.057e+04	-4.262e+05	0.17	0.0	50.8	514.82	-836.78	-1984.99	3.386e+04	-3.260e+05	6.183e+04
						101.5	514.82	-1154.90	-1984.99	3.386e+04	-4.262e+05	1.057e+04
279	44	1.064e+05	4.234e+05	8.72e-03	-636.24	0.0	-1072.79	-361.40	1968.97	-1.406e+05	2.247e+05	1.064e+05
		3.881e+04	2.247e+05	-0.16	0.0	50.8	-1072.79	-679.52	1968.97	-1.406e+05	3.241e+05	8.066e+04
						101.5	-1072.79	-997.64	1968.97	-1.406e+05	4.234e+05	3.881e+04
279	54	3.246e+05	-2.007e+05	-3.02e-03	-636.24	0.0	-347.10	1784.54	-2300.07	-3.194e+04	-2.007e+05	1.774e+05
		1.774e+05	-4.330e+05	0.06	0.0	50.8	-347.10	1466.42	-2300.07	-3.194e+04	-3.169e+05	2.590e+05
						101.5	-347.10	1148.29	-2300.07	-3.194e+04	-4.330e+05	3.246e+05
279	55	2.594e+04	4.302e+05	5.86e-03	-636.24	0.0	-210.87	-2664.60	2284.04	-7.477e+04	1.995e+05	2.594e+04
		-2.752e+05	1.995e+05	-0.06	0.0	50.8	-210.87	-2982.72	2284.04	-7.477e+04	3.149e+05	-1.166e+05
						101.5	-210.87	-3300.84	2284.04	-7.477e+04	4.302e+05	-2.752e+05
279	69	9.571e+04	-558.45	3.15e-03	-625.27	0.0	-285.91	-396.18	-7.79	-5.011e+04	-558.45	9.571e+04
		2.375e+04	-1349.12	1.31e-04	0.0	50.8	-285.91	-708.81	-7.79	-5.011e+04	-953.79	6.766e+04
						101.5	-285.91	-1021.45	-7.79	-5.011e+04	-1349.12	2.375e+04
279	70	1.155e+05	-622.31	4.75e-03	-661.85	0.0	-262.83	-542.34	-8.54	-6.092e+04	-622.31	1.155e+05
		2.688e+04	-1488.84	1.63e-04	0.0	50.8	-262.83	-873.27	-8.54	-6.092e+04	-1055.57	7.961e+04
						101.5	-262.83	-1204.19	-8.54	-6.092e+04	-1488.84	2.688e+04
279	71	9.571e+04	-558.45	3.15e-03	-625.27	0.0	-285.91	-396.18	-7.79	-5.011e+04	-558.45	9.571e+04
		2.375e+04	-1349.12	1.31e-04	0.0	50.8	-285.91	-708.81	-7.79	-5.011e+04	-953.79	6.766e+04
						101.5	-285.91	-1021.45	-7.79	-5.011e+04	-1349.12	2.375e+04
279	72	1.056e+05	-590.38	3.95e-03	-643.56	0.0	-274.37	-469.26	-8.16	-5.551e+04	-590.38	1.056e+05
		2.532e+04	-1418.98	1.47e-04	0.0	50.8	-274.37	-791.04	-8.16	-5.551e+04	-1004.68	7.363e+04
						101.5	-274.37	-1112.82	-8.16	-5.551e+04	-1418.98	2.532e+04
279	73	9.571e+04	-558.45	3.15e-03	-625.27	0.0	-285.91	-396.18	-7.79	-5.011e+04	-558.45	9.571e+04
		2.375e+04	-1349.12	1.31e-04	0.0	50.8	-285.91	-708.81	-7.79	-5.011e+04	-953.79	6.766e+04
						101.5	-285.91	-1021.45	-7.79	-5.011e+04	-1349.12	2.375e+04
279	74	1.017e+05	-577.61	3.63e-03	-636.24	0.0	-278.98	-440.03	-8.01	-5.335e+04	-577.61	1.017e+05
		2.469e+04	-1391.04	1.41e-04	0.0	50.8	-278.98	-758.15	-8.01	-5.335e+04	-984.32	7.125e+04
						101.5	-278.98	-1076.27	-8.01	-5.335e+04	-1391.04	2.469e+04
280	1	-7.052e+04	-3881.87	0.02	-554.80	0.0	-872.41	-2362.42	-13.95	3.108e+04	-3881.87	-7.052e+04
		-2.486e+05	-4822.89	-5.43e-04	0.0	33.7	-872.41	-2639.60	-13.95	3.108e+04	-4352.38	-1.549e+05
						67.5	-872.41	-2917.22	-13.95	3.108e+04	-4822.89	-2.486e+05

280	2	-8.772e+04	-3570.92	0.02	-593.99	0.0	-941.74	-3087.02	-12.75	6.839e+04	-3570.92	-8.772e+04
		-3.160e+05	-4430.89	-5.65e-04	0.0	33.7	-941.74	-3383.76	-12.75	6.839e+04	-4000.91	-1.969e+05
						67.5	-941.74	-3681.01	-12.75	6.839e+04	-4430.89	-3.160e+05
280	3	-5.424e+04	-2986.06	0.01	-426.77	0.0	-671.09	-1817.24	-10.73	2.391e+04	-2986.06	-5.424e+04
		-1.912e+05	-3709.92	-4.18e-04	0.0	33.7	-671.09	-2030.46	-10.73	2.391e+04	-3347.99	-1.191e+05
						67.5	-671.09	-2244.02	-10.73	2.391e+04	-3709.92	-1.912e+05
280	4	-7.144e+04	-2675.11	0.02	-465.96	0.0	-740.42	-2541.84	-9.53	6.121e+04	-2675.11	-7.144e+04
		-2.586e+05	-3317.92	-4.40e-04	0.0	33.7	-740.42	-2774.62	-9.53	6.121e+04	-2996.51	-1.611e+05
						67.5	-740.42	-3007.80	-9.53	6.121e+04	-3317.92	-2.586e+05
280	17	-3.943e+05	2.977e+05	-2.75e-03	-434.61	0.0	-3280.70	-3485.34	1602.73	-4.229e+04	1.993e+05	-3.943e+05
		-6.437e+05	1.993e+05	-0.13	0.0	33.7	-3280.70	-3702.47	1602.73	-4.229e+04	2.485e+05	-5.153e+05
						67.5	-3280.70	-3919.95	1602.73	-4.229e+04	2.977e+05	-6.437e+05
280	20	2.790e+05	-2.052e+05	0.03	-434.61	0.0	1910.80	-438.99	-1623.70	1.050e+05	-2.052e+05	2.790e+05
		2.342e+05	-3.050e+05	0.13	0.0	33.7	1910.80	-656.12	-1623.70	1.050e+05	-2.551e+05	2.603e+05
						67.5	1910.80	-873.60	-1623.70	1.050e+05	-3.050e+05	2.342e+05
280	29	-9.424e+05	-4.112e+05	-0.04	-434.61	0.0	-2057.53	-5765.57	-1900.29	1.259e+04	-4.112e+05	-9.424e+05
		-1.346e+06	-5.405e+05	-0.20	0.0	33.7	-2057.53	-5982.70	-1900.29	1.259e+04	-4.759e+05	-1.141e+06
						67.5	-2057.53	-6200.18	-1900.29	1.259e+04	-5.405e+05	-1.346e+06
280	30	8.137e+05	9.006e+05	0.07	-434.61	0.0	-19.60	1415.22	3181.20	-3992.33	6.874e+05	7.328e+05
		7.328e+05	6.874e+05	0.17	0.0	33.7	-19.60	1198.09	3181.20	-3992.33	7.940e+05	7.769e+05
						67.5	-19.60	980.61	3181.20	-3992.33	9.006e+05	8.137e+05
280	31	-8.482e+05	-6.933e+05	-0.04	-434.61	0.0	-1350.30	-5339.55	-3202.18	6.673e+04	-6.933e+05	-8.482e+05
		-1.223e+06	-9.078e+05	-0.17	0.0	33.7	-1350.30	-5556.68	-3202.18	6.673e+04	-8.006e+05	-1.032e+06
						67.5	-1350.30	-5774.16	-3202.18	6.673e+04	-9.078e+05	-1.223e+06
280	32	9.366e+05	5.333e+05	0.07	-434.61	0.0	687.62	1841.24	1879.31	5.015e+04	4.054e+05	8.271e+05
		8.271e+05	4.054e+05	0.20	0.0	33.7	687.62	1624.12	1879.31	5.015e+04	4.693e+05	8.855e+05
						67.5	687.62	1406.64	1879.31	5.015e+04	5.333e+05	9.366e+05
280	49	-2.414e+05	1.810e+05	6.11e-03	-434.61	0.0	-2179.88	-2796.67	958.18	-1.112e+04	1.220e+05	-2.414e+05
		-4.445e+05	1.220e+05	-0.07	0.0	33.7	-2179.88	-3013.80	958.18	-1.112e+04	1.515e+05	-3.393e+05
						67.5	-2179.88	-3231.28	958.18	-1.112e+04	1.810e+05	-4.445e+05
280	52	1.261e+05	-1.278e+05	0.03	-434.61	0.0	809.98	-1127.66	-979.16	7.386e+04	-1.278e+05	1.261e+05
		3.506e+04	-1.883e+05	0.07	0.0	33.7	809.98	-1344.79	-979.16	7.386e+04	-1.580e+05	8.422e+04
						67.5	809.98	-1562.27	-979.16	7.386e+04	-1.883e+05	3.506e+04
280	61	-5.342e+05	-2.110e+05	-0.01	-434.61	0.0	-1471.93	-4011.06	-974.48	2.053e+04	-2.110e+05	-5.342e+05
		-8.195e+05	-2.774e+05	-0.11	0.0	33.7	-1471.93	-4228.19	-974.48	2.053e+04	-2.442e+05	-6.732e+05
						67.5	-1471.93	-4445.67	-974.48	2.053e+04	-2.774e+05	-8.195e+05
280	62	3.645e+05	4.832e+05	0.05	-434.61	0.0	-303.47	-159.72	1708.74	1.099e+04	3.687e+05	3.645e+05
		3.391e+05	3.687e+05	0.10	0.0	33.7	-303.47	-376.85	1708.74	1.099e+04	4.259e+05	3.555e+05
						67.5	-303.47	-594.33	1708.74	1.099e+04	4.832e+05	3.391e+05
280	63	-4.799e+05	-3.746e+05	-0.01	-434.61	0.0	-1066.43	-3764.61	-1729.72	5.175e+04	-3.746e+05	-4.799e+05
		-7.486e+05	-4.904e+05	-0.10	0.0	33.7	-1066.43	-3981.73	-1729.72	5.175e+04	-4.325e+05	-6.106e+05
						67.5	-1066.43	-4199.21	-1729.72	5.175e+04	-4.904e+05	-7.486e+05
280	64	4.194e+05	2.701e+05	0.05	-434.61	0.0	102.03	86.73	953.50	4.221e+04	2.052e+05	4.189e+05
		4.100e+05	2.052e+05	0.11	0.0	33.7	102.03	-130.40	953.50	4.221e+04	2.376e+05	4.181e+05
						67.5	102.03	-347.88	953.50	4.221e+04	2.701e+05	4.100e+05
280	69	-5.424e+04	-2986.06	0.01	-426.77	0.0	-671.09	-1817.24	-10.73	2.391e+04	-2986.06	-5.424e+04
		-1.912e+05	-3709.92	-4.18e-04	0.0	33.7	-671.09	-2030.46	-10.73	2.391e+04	-3347.99	-1.191e+05
						67.5	-671.09	-2244.02	-10.73	2.391e+04	-3709.92	-1.912e+05
280	70	-6.571e+04	-2778.76	0.02	-452.90	0.0	-717.31	-2300.31	-9.93	4.878e+04	-2778.76	-6.571e+04
		-2.362e+05	-3448.58	-4.33e-04	0.0	33.7	-717.31	-2526.57	-9.93	4.878e+04	-3113.67	-1.471e+05
						67.5	-717.31	-2753.21	-9.93	4.878e+04	-3448.58	-2.362e+05
280	71	-5.424e+04	-2986.06	0.01	-426.77	0.0	-671.09	-1817.24	-10.73	2.391e+04	-2986.06	-5.424e+04
		-1.912e+05	-3709.92	-4.18e-04	0.0	33.7	-671.09	-2030.46	-10.73	2.391e+04	-3347.99	-1.191e+05
						67.5	-671.09	-2244.02	-10.73	2.391e+04	-3709.92	-1.912e+05
280	72	-5.998e+04	-2882.41	0.02	-439.83	0.0	-694.20	-2058.78	-10.33	3.634e+04	-2882.41	-5.998e+04
		-2.137e+05	-3579.25	-4.25e-04	0.0	33.7	-694.20	-2278.51	-10.33	3.634e+04	-3230.83	-1.331e+05
						67.5	-694.20	-2498.61	-10.33	3.634e+04	-3579.25	-2.137e+05
280	73	-5.424e+04	-2986.06	0.01	-426.77	0.0	-671.09	-1817.24	-10.73	2.391e+04	-2986.06	-5.424e+04
		-1.912e+05	-3709.92	-4.18e-04	0.0	33.7	-671.09	-2030.46	-10.73	2.391e+04	-3347.99	-1.191e+05
						67.5	-671.09	-2244.02	-10.73	2.391e+04	-3709.92	-1.912e+05
280	74	-5.768e+04	-2923.87	0.02	-434.61	0.0	-684.95	-1962.16	-10.49	3.137e+04	-2923.87	-5.768e+04
		-2.047e+05	-3631.52	-4.22e-04	0.0	33.7	-684.95	-2179.29	-10.49	3.137e+04	-3277.69	-1.275e+05
						67.5	-684.95	-2396.77	-10.49	3.137e+04	-3631.52	-2.047e+05
281	1	4.196e+05	1919.39	-0.02	-1997.41	0.0	-1482.29	1482.46	11.01	-2.055e+04	807.72	3.640e+05
		3.640e+05	807.72	-8.98e-04	0.0	50.5	-1482.29	483.75	11.01	-2.055e+04	1363.56	4.137e+05
						101.0	-1482.29	-514.96	11.01	-2.055e+04	1919.39	4.129e+05
281	2	5.088e+05	1675.14	-0.03	-2274.41	0.0	-1687.62	1759.18	15.89	-3.681e+04	70.59	4.401e+05
		4.401e+05	70.59	-1.16e-03	0.0	50.5	-1687.62	621.97	15.89	-3.681e+04	872.86	5.002e+05
						101.0	-1687.62	-515.23	15.89	-3.681e+04	1675.14	5.029e+05
281	3	3.227e+05	1476.46	-0.02	-1536.47	0.0	-1140.22	1140.35	8.47	-1.580e+04	621.32	2.800e+05
		2.800e+05	621.32	-6.91e-04	0.0	50.5	-1140.22	372.12	8.47	-1.580e+04	1048.89	3.182e+05
						101.0	-1140.22	-396.12	8.47	-1.580e+04	1476.46	3.176e+05
281	4	4.119e+05	1232.20	-0.02	-1813.47	0.0	-1345.55	1417.08	13.35	-3.207e+04	-115.81	3.561e+05
		3.561e+05	-115.81	-9.52e-04	0.0	50.5	-1345.55	510.34	13.35	-3.207e+04	558.20	4.048e+05
						101.0	-1345.55	-396.40	13.35	-3.207e+04	1232.20	4.076e+05
281	17	4.904e+05	1.952e+05	-9.31e-03	-1591.87	0.0	-4327.39	-493.40	-656.74	-1.705e+05	1.952e+05	4.904e+05
		3.614e+05	1.194e+05	-0.08	0.0	50.5	-4327.39	-1289.33	-656.74	-1.705e+05	1.573e+05	4.460e+05

						101.0	-4327.39	-2085.27	-656.74	-1.705e+05	1.194e+05	3.614e+05
281	20	3.098e+05	-1.165e+05	-0.03	-1591.87	0.0	1964.81	2884.79	675.63	1.324e+05	-1.943e+05	1.001e+05
		1.001e+05	-1.943e+05	0.08	0.0	50.5	1964.81	2088.85	675.63	1.324e+05	-1.554e+05	2.250e+05
						101.0	1964.81	1292.92	675.63	1.324e+05	-1.165e+05	3.098e+05
281	34	3.353e+05	5.181e+05	-0.05	-1591.87	0.0	-8614.58	1167.06	-2570.08	3.742e+05	5.181e+05	2.926e+05
		2.926e+05	2.923e+05	0.31	0.0	50.5	-8614.58	371.13	-2570.08	3.742e+05	4.052e+05	3.417e+05
						101.0	-8614.58	-424.81	-2570.08	3.742e+05	2.923e+05	3.295e+05
281	35	3.459e+05	-2.894e+05	0.01	-1591.87	0.0	6252.00	1224.33	2588.96	-4.123e+05	-5.171e+05	2.979e+05
		2.979e+05	-5.171e+05	-0.31	0.0	50.5	6252.00	428.39	2588.96	-4.123e+05	-4.033e+05	3.399e+05
						101.0	6252.00	-367.54	2588.96	-4.123e+05	-2.894e+05	3.417e+05
281	49	4.091e+05	1.179e+05	-0.01	-1591.87	0.0	-3084.22	224.93	-407.77	-1.003e+05	1.179e+05	4.074e+05
		3.505e+05	7.099e+04	-0.04	0.0	50.5	-3084.22	-571.00	-407.77	-1.003e+05	9.443e+04	3.990e+05
						101.0	-3084.22	-1366.94	-407.77	-1.003e+05	7.099e+04	3.505e+05
281	52	3.207e+05	-6.813e+04	-0.03	-1591.87	0.0	721.64	2166.46	426.66	6.214e+04	-1.169e+05	1.831e+05
		1.831e+05	-1.169e+05	0.04	0.0	50.5	721.64	1370.52	426.66	6.214e+04	-9.253e+04	2.720e+05
						101.0	721.64	574.59	426.66	6.214e+04	-6.813e+04	3.207e+05
281	66	3.379e+05	2.819e+05	-0.04	-1591.87	0.0	-5174.60	1167.87	-1370.55	1.879e+05	2.819e+05	2.949e+05
		2.949e+05	1.636e+05	0.16	0.0	50.5	-5174.60	371.93	-1370.55	1.879e+05	2.228e+05	3.336e+05
						101.0	-5174.60	-424.00	-1370.55	1.879e+05	1.636e+05	3.322e+05
281	67	3.432e+05	-1.608e+05	-6.20e-03	-1591.87	0.0	2812.02	1223.52	1389.43	-2.260e+05	-2.810e+05	2.956e+05
		2.956e+05	-2.810e+05	-0.16	0.0	50.5	2812.02	427.59	1389.43	-2.260e+05	-2.209e+05	3.374e+05
						101.0	2812.02	-368.35	1389.43	-2.260e+05	-1.608e+05	3.390e+05
281	69	3.227e+05	1476.46	-0.02	-1536.47	0.0	-1140.22	1140.35	8.47	-1.580e+04	621.32	2.800e+05
		2.800e+05	621.32	-6.91e-04	0.0	50.5	-1140.22	372.12	8.47	-1.580e+04	1048.89	3.182e+05
						101.0	-1140.22	-396.12	8.47	-1.580e+04	1476.46	3.176e+05
281	70	3.822e+05	1313.62	-0.02	-1721.14	0.0	-1277.11	1324.83	11.72	-2.665e+04	129.90	3.307e+05
		3.307e+05	129.90	-8.65e-04	0.0	50.5	-1277.11	464.27	11.72	-2.665e+04	721.76	3.759e+05
						101.0	-1277.11	-396.30	11.72	-2.665e+04	1313.62	3.776e+05
281	71	3.227e+05	1476.46	-0.02	-1536.47	0.0	-1140.22	1140.35	8.47	-1.580e+04	621.32	2.800e+05
		2.800e+05	621.32	-6.91e-04	0.0	50.5	-1140.22	372.12	8.47	-1.580e+04	1048.89	3.182e+05
						101.0	-1140.22	-396.12	8.47	-1.580e+04	1476.46	3.176e+05
281	72	3.525e+05	1395.04	-0.02	-1628.80	0.0	-1208.67	1232.59	10.09	-2.123e+04	375.61	3.054e+05
		3.054e+05	375.61	-7.78e-04	0.0	50.5	-1208.67	418.19	10.09	-2.123e+04	885.33	3.471e+05
						101.0	-1208.67	-396.21	10.09	-2.123e+04	1395.04	3.476e+05
281	73	3.227e+05	1476.46	-0.02	-1536.47	0.0	-1140.22	1140.35	8.47	-1.580e+04	621.32	2.800e+05
		2.800e+05	621.32	-6.91e-04	0.0	50.5	-1140.22	372.12	8.47	-1.580e+04	1048.89	3.182e+05
						101.0	-1140.22	-396.12	8.47	-1.580e+04	1476.46	3.176e+05
281	74	3.406e+05	1427.61	-0.02	-1591.87	0.0	-1181.29	1195.70	9.44	-1.906e+04	473.90	2.952e+05
		2.952e+05	473.90	-7.43e-04	0.0	50.5	-1181.29	399.76	9.44	-1.906e+04	950.75	3.355e+05
						101.0	-1181.29	-396.17	9.44	-1.906e+04	1427.61	3.356e+05
282	1	3.416e+05	1822.76	-0.03	-2380.47	0.0	-2059.61	2365.61	-22.61	-1724.75	1822.76	2.213e+05
		2.213e+05	-460.47	3.08e-03	0.0	50.5	-2059.61	1198.35	-22.61	-1724.75	681.14	3.115e+05
						101.0	-2059.61	-14.86	-22.61	-1724.75	-460.47	3.416e+05
282	2	4.188e+05	2077.73	-0.04	-2729.14	0.0	-2371.92	2779.07	-24.68	-7146.81	2077.73	2.741e+05
		2.741e+05	-415.32	3.27e-03	0.0	50.5	-2371.92	1441.78	-24.68	-7146.81	831.21	3.809e+05
						101.0	-2371.92	49.93	-24.68	-7146.81	-415.32	4.188e+05
282	3	2.628e+05	1402.13	-0.02	-1831.13	0.0	-1584.31	1819.70	-17.39	-1326.73	1402.13	1.703e+05
		1.703e+05	-354.21	2.37e-03	0.0	50.5	-1584.31	921.81	-17.39	-1326.73	523.96	2.356e+05
						101.0	-1584.31	-11.43	-17.39	-1326.73	-354.21	2.628e+05
282	18	3.283e+05	-1.606e+05	-5.11e-03	-1900.86	0.0	289.91	143.75	211.99	5.354e+04	-1.800e+05	3.277e+05
		2.493e+05	-1.800e+05	0.09	0.0	50.5	289.91	-788.14	211.99	5.354e+04	-1.703e+05	3.125e+05
						101.0	289.91	-1757.11	211.99	5.354e+04	-1.606e+05	2.493e+05
282	19	3.071e+05	1.829e+05	-0.05	-1900.86	0.0	-3583.46	3661.03	-247.60	-5.837e+04	1.829e+05	3.397e+04
		3.397e+04	1.599e+05	-0.09	0.0	50.5	-3583.46	2729.13	-247.60	-5.837e+04	1.714e+05	1.945e+05
						101.0	-3583.46	1760.16	-247.60	-5.837e+04	1.599e+05	3.071e+05
282	30	2.868e+05	-2.615e+05	-0.03	-1900.86	0.0	-8684.11	1506.35	-656.12	2.512e+05	-2.615e+05	2.199e+05
		2.199e+05	-3.259e+05	0.25	0.0	50.5	-8684.11	574.46	-656.12	2.512e+05	-2.937e+05	2.760e+05
						101.0	-8684.11	-394.51	-656.12	2.512e+05	-3.259e+05	2.841e+05
282	31	2.723e+05	3.252e+05	-0.02	-1900.86	0.0	5390.56	2298.43	620.51	-2.560e+05	2.644e+05	1.417e+05
		1.417e+05	2.644e+05	-0.24	0.0	50.5	5390.56	1366.53	620.51	-2.560e+05	2.948e+05	2.310e+05
						101.0	5390.56	397.56	620.51	-2.560e+05	3.252e+05	2.723e+05
282	33	2.631e+05	2.813e+05	-0.01	-1900.86	0.0	5944.22	1591.28	827.66	-2.707e+05	2.032e+05	2.004e+05
		2.004e+05	2.032e+05	-0.23	0.0	50.5	5944.22	659.39	827.66	-2.707e+05	2.422e+05	2.540e+05
						101.0	5944.22	-309.58	827.66	-2.707e+05	2.813e+05	2.595e+05
282	36	2.969e+05	-2.003e+05	-0.04	-1900.86	0.0	-9237.77	2213.50	-863.27	2.658e+05	-2.003e+05	1.612e+05
		1.612e+05	-2.820e+05	0.24	0.0	50.5	-9237.77	1281.60	-863.27	2.658e+05	-2.411e+05	2.531e+05
						101.0	-9237.77	312.63	-863.27	2.658e+05	-2.820e+05	2.969e+05
282	51	2.949e+05	1.030e+05	-0.04	-1900.86	0.0	-2859.28	2915.51	-157.21	-3.128e+04	1.030e+05	9.638e+04
		9.638e+04	8.814e+04	-0.05	0.0	50.5	-2859.28	1983.61	-157.21	-3.128e+04	9.556e+04	2.197e+05
						101.0	-2859.28	1014.64	-157.21	-3.128e+04	8.814e+04	2.949e+05
282	52	2.980e+05	2.815e+04	-0.04	-1900.86	0.0	-4893.41	2849.49	-389.84	5.221e+04	2.815e+04	1.036e+05
		1.036e+05	-8558.43	0.03	0.0	50.5	-4893.41	1917.60	-389.84	5.221e+04	9796.53	2.248e+05
						101.0	-4893.41	948.63	-389.84	5.221e+04	-8558.43	2.980e+05
282	62	2.821e+05	-1.393e+05	-0.03	-1900.86	0.0	-5387.02	1678.29	-362.83	1.322e+05	-1.393e+05	2.025e+05
		2.025e+05	-1.746e+05	0.13	0.0	50.5	-5387.02	746.40	-362.83	1.322e+05	-1.570e+05	2.659e+05
						101.0	-5387.02	-222.57	-362.83	1.322e+05	-1.746e+05	2.814e+05
282	63	2.750e+05	1.739e+05	-0.02	-1900.86	0.0	2093.47	2126.49	327.22	-1.371e+05	1.422e+05	1.592e+05

		1.592e+05	1.422e+05	-0.13	0.0	50.5	2093.47	1194.59	327.22	-1.371e+05	1.581e+05	2.411e+05
						101.0	2093.47	225.62	327.22	-1.371e+05	1.739e+05	2.750e+05
282	65	2.689e+05	1.488e+05	-0.02	-1900.86	0.0	2412.32	1718.38	446.63	-1.454e+05	1.069e+05	1.931e+05
		1.931e+05	1.069e+05	-0.12	0.0	50.5	2412.32	786.48	446.63	-1.454e+05	1.278e+05	2.544e+05
						101.0	2412.32	-182.49	446.63	-1.454e+05	1.488e+05	2.676e+05
282	68	2.888e+05	-1.040e+05	-0.03	-1900.86	0.0	-5705.87	2086.40	-482.24	1.406e+05	-1.040e+05	1.686e+05
		1.686e+05	-1.495e+05	0.13	0.0	50.5	-5705.87	1154.51	-482.24	1.406e+05	-1.267e+05	2.527e+05
						101.0	-5705.87	185.54	-482.24	1.406e+05	-1.495e+05	2.888e+05
282	69	2.628e+05	1402.13	-0.02	-1831.13	0.0	-1584.31	1819.70	-17.39	-1326.73	1402.13	1.703e+05
		1.703e+05	-354.21	2.37e-03	0.0	50.5	-1584.31	921.81	-17.39	-1326.73	523.96	2.396e+05
						101.0	-1584.31	-11.43	-17.39	-1326.73	-354.21	2.628e+05
282	70	3.142e+05	1572.11	-0.03	-2063.58	0.0	-1792.52	2095.34	-18.77	-4941.43	1572.11	2.054e+05
		2.054e+05	-324.11	2.49e-03	0.0	50.5	-1792.52	1084.09	-18.77	-4941.43	624.00	2.859e+05
						101.0	-1792.52	31.76	-18.77	-4941.43	-324.11	3.142e+05
282	71	2.628e+05	1402.13	-0.02	-1831.13	0.0	-1584.31	1819.70	-17.39	-1326.73	1402.13	1.703e+05
		1.703e+05	-354.21	2.37e-03	0.0	50.5	-1584.31	921.81	-17.39	-1326.73	523.96	2.396e+05
						101.0	-1584.31	-11.43	-17.39	-1326.73	-354.21	2.628e+05
282	72	2.885e+05	1487.12	-0.03	-1947.35	0.0	-1688.42	1957.52	-18.08	-3134.08	1487.12	1.878e+05
		1.878e+05	-339.16	2.43e-03	0.0	50.5	-1688.42	1002.95	-18.08	-3134.08	573.98	2.628e+05
						101.0	-1688.42	10.16	-18.08	-3134.08	-339.16	2.885e+05
282	73	2.628e+05	1402.13	-0.02	-1831.13	0.0	-1584.31	1819.70	-17.39	-1326.73	1402.13	1.703e+05
		1.703e+05	-354.21	2.37e-03	0.0	50.5	-1584.31	921.81	-17.39	-1326.73	523.96	2.396e+05
						101.0	-1584.31	-11.43	-17.39	-1326.73	-354.21	2.628e+05
282	74	2.782e+05	1453.12	-0.02	-1900.86	0.0	-1646.78	1902.39	-17.80	-2411.14	1453.12	1.808e+05
		1.808e+05	-345.18	2.41e-03	0.0	50.5	-1646.78	970.50	-17.80	-2411.14	553.97	2.535e+05
						101.0	-1646.78	1.53	-17.80	-2411.14	-345.18	2.782e+05
283	2	5.470e+05	-1932.14	-0.01	-3416.30	0.0	-3205.02	1736.76	10.62	821.25	-3005.03	5.024e+05
		5.024e+05	-3005.03	-8.40e-04	0.0	50.5	-3205.02	28.62	10.62	821.25	-2468.58	5.470e+05
						101.0	-3205.02	-1679.53	10.62	821.25	-1932.14	5.053e+05
283	3	3.473e+05	-1385.00	-7.21e-03	-2276.40	0.0	-2134.16	1159.22	7.27	536.52	-2119.12	3.175e+05
		3.175e+05	-2119.12	-5.51e-04	0.0	50.5	-2134.16	21.02	7.27	536.52	-1752.06	3.473e+05
						101.0	-2134.16	-1117.17	7.27	536.52	-1385.00	3.196e+05
283	19	4.277e+05	7.747e+04	-0.03	-2367.79	0.0	-2728.39	2998.08	109.97	-3739.15	7.401e+04	2.441e+05
		2.441e+05	7.401e+04	0.01	0.0	50.5	-2728.39	1814.18	109.97	-3739.15	7.574e+04	3.658e+05
						101.0	-2728.39	630.29	109.97	-3739.15	7.747e+04	4.277e+05
283	21	3.595e+05	3.624e+05	-6.36e-03	-2367.79	0.0	3527.40	1132.04	310.28	-4.776e+04	3.267e+05	3.358e+05
		3.228e+05	3.267e+05	-0.05	0.0	50.5	3527.40	-51.85	310.28	-4.776e+04	3.445e+05	3.592e+05
						101.0	3527.40	-1235.75	310.28	-4.776e+04	3.624e+05	3.228e+05
283	24	3.742e+05	-3.310e+05	-8.91e-03	-2367.79	0.0	-7967.96	1278.31	-295.27	4.888e+04	-3.310e+05	3.350e+05
		3.350e+05	-3.652e+05	0.05	0.0	50.5	-7967.96	94.41	-295.27	4.888e+04	-3.481e+05	3.736e+05
						101.0	-7967.96	-1089.48	-295.27	4.888e+04	-3.652e+05	3.524e+05
283	25	3.633e+05	3.621e+05	-3.93e-03	-2367.79	0.0	4548.00	813.76	332.52	-5.991e+04	3.285e+05	3.518e+05
		3.066e+05	3.285e+05	-0.05	0.0	50.5	4548.00	-370.14	332.52	-5.991e+04	3.453e+05	3.591e+05
						101.0	4548.00	-1554.04	332.52	-5.991e+04	3.621e+05	3.066e+05
283	28	3.788e+05	-3.329e+05	-0.01	-2367.79	0.0	-8988.56	1596.60	-317.51	6.103e+04	-3.329e+05	3.191e+05
		3.191e+05	-3.649e+05	0.05	0.0	50.5	-8988.56	412.70	-317.51	6.103e+04	-3.489e+05	3.737e+05
						101.0	-8988.56	-771.20	-317.51	6.103e+04	-3.649e+05	3.686e+05
283	51	3.899e+05	4.015e+04	-0.02	-2367.79	0.0	-2601.95	2237.31	65.49	-1936.23	3.791e+04	2.829e+05
		2.829e+05	3.791e+04	5.38e-03	0.0	50.5	-2601.95	1053.41	65.49	-1936.23	3.903e+04	3.661e+05
						101.0	-2601.95	-130.48	65.49	-1936.23	4.015e+04	3.895e+05
283	53	3.624e+05	1.946e+05	-6.84e-03	-2367.79	0.0	794.62	1159.70	174.48	-2.582e+04	1.744e+05	3.360e+05
		3.290e+05	1.744e+05	-0.03	0.0	50.5	794.62	-24.20	174.48	-2.582e+04	1.845e+05	3.624e+05
						101.0	794.62	-1208.09	174.48	-2.582e+04	1.946e+05	3.290e+05
283	56	3.706e+05	-1.787e+05	-8.38e-03	-2367.79	0.0	-5235.18	1250.65	-159.47	2.694e+04	-1.787e+05	3.349e+05
		3.349e+05	-1.974e+05	0.03	0.0	50.5	-5235.18	66.76	-159.47	2.694e+04	-1.881e+05	3.704e+05
						101.0	-5235.18	-1117.14	-159.47	2.694e+04	-1.974e+05	3.461e+05
283	57	3.637e+05	1.944e+05	-5.31e-03	-2367.79	0.0	1382.12	976.30	186.01	-3.253e+04	1.756e+05	3.452e+05
		3.197e+05	1.756e+05	-0.03	0.0	50.5	1382.12	-207.59	186.01	-3.253e+04	1.850e+05	3.623e+05
						101.0	1382.12	-1391.49	186.01	-3.253e+04	1.944e+05	3.197e+05
283	60	3.723e+05	-1.799e+05	-0.01	-2367.79	0.0	-5822.68	1434.05	-171.01	3.365e+04	-1.799e+05	3.257e+05
		3.257e+05	-1.972e+05	0.03	0.0	50.5	-5822.68	250.16	-171.01	3.365e+04	-1.886e+05	3.704e+05
						101.0	-5822.68	-933.74	-171.01	3.365e+04	-1.972e+05	3.554e+05
283	69	3.473e+05	-1385.00	-7.21e-03	-2276.40	0.0	-2134.16	1159.22	7.27	536.52	-2119.12	3.175e+05
		3.175e+05	-2119.12	-5.51e-04	0.0	50.5	-2134.16	21.02	7.27	536.52	-1752.06	3.473e+05
						101.0	-2134.16	-1117.17	7.27	536.52	-1385.00	3.196e+05
283	70	4.110e+05	-1472.76	-8.44e-03	-2581.05	0.0	-2421.24	1312.41	8.05	619.03	-2285.90	3.773e+05
		3.773e+05	-2285.90	-6.33e-04	0.0	50.5	-2421.24	21.88	8.05	619.03	-1879.33	4.110e+05
						101.0	-2421.24	-1268.65	8.05	619.03	-1472.76	3.795e+05
283	71	3.473e+05	-1385.00	-7.21e-03	-2276.40	0.0	-2134.16	1159.22	7.27	536.52	-2119.12	3.175e+05
		3.175e+05	-2119.12	-5.51e-04	0.0	50.5	-2134.16	21.02	7.27	536.52	-1752.06	3.473e+05
						101.0	-2134.16	-1117.17	7.27	536.52	-1385.00	3.196e+05
283	72	3.791e+05	-1428.88	-7.83e-03	-2428.72	0.0	-2277.70	1235.81	7.66	577.78	-2202.51	3.474e+05
		3.474e+05	-2202.51	-5.92e-04	0.0	50.5	-2277.70	21.45	7.66	577.78	-1815.70	3.791e+05
						101.0	-2277.70	-1192.91	7.66	577.78	-1428.88	3.495e+05
283	73	3.473e+05	-1385.00	-7.21e-03	-2276.40	0.0	-2134.16	1159.22	7.27	536.52	-2119.12	3.175e+05
		3.175e+05	-2119.12	-5.51e-04	0.0	50.5	-2134.16	21.02	7.27	536.52	-1752.06	3.473e+05
						101.0	-2134.16	-1117.17	7.27	536.52	-1385.00	3.196e+05

283	74	3.664e+05	-1411.33	-7.58e-03	-2367.79	0.0	-2220.28	1205.18	7.50	561.27	-2169.16	3.354e+05
		3.354e+05	-2169.16	-5.75e-04	0.0	50.5	-2220.28	21.28	7.50	561.27	-1790.24	3.664e+05
						101.0	-2220.28	-1162.62	7.50	561.27	-1411.33	3.376e+05
284	1	4.128e+05	282.22	0.03	-2959.32	0.0	-2695.54	266.80	3.35	6219.31	-55.66	4.117e+05
		2.892e+05	-55.66	-1.48e-03	0.0	50.5	-2695.54	-1212.86	3.35	6219.31	113.28	3.878e+05
						101.0	-2695.54	-2692.52	3.35	6219.31	282.22	2.892e+05
284	2	5.029e+05	289.89	0.03	-3416.30	0.0	-3103.95	242.41	3.10	1.237e+04	-22.95	5.021e+05
		3.540e+05	-22.95	-1.58e-03	0.0	50.5	-3103.95	-1465.74	3.10	1.237e+04	133.47	4.712e+05
						101.0	-3103.95	-3173.89	3.10	1.237e+04	289.89	3.540e+05
284	3	3.175e+05	217.09	0.02	-2276.40	0.0	-2073.49	205.23	2.57	4784.08	-42.81	3.167e+05
		2.225e+05	-42.81	-1.14e-03	0.0	50.5	-2073.49	-932.97	2.57	4784.08	87.14	2.983e+05
						101.0	-2073.49	-2071.17	2.57	4784.08	217.09	2.225e+05
284	18	3.696e+05	-4474.31	0.05	-2367.79	0.0	-2964.92	-1573.64	477.23	-7.190e+04	-3.788e+04	3.696e+05
		9.026e+04	-3.788e+04	-0.09	0.0	50.5	-2964.92	-2757.54	477.23	-7.190e+04	-2.118e+04	2.598e+05
						101.0	-2964.92	-3941.44	477.23	-7.190e+04	-4474.31	9.026e+04
284	19	3.837e+05	3.781e+04	-9.49e-03	-2367.79	0.0	-1345.43	1974.34	-472.18	8.393e+04	3.781e+04	2.999e+05
		2.999e+05	4911.56	0.08	0.0	50.5	-1345.43	790.45	-472.18	8.393e+04	2.136e+04	3.702e+05
						101.0	-1345.43	-393.45	-472.18	8.393e+04	4911.56	3.806e+05
284	21	3.273e+05	3.622e+05	0.02	-2367.79	0.0	3749.48	138.15	-871.67	2.946e+05	3.622e+05	3.273e+05
		2.114e+05	2.746e+05	0.26	0.0	50.5	3749.48	-1045.74	-871.67	2.946e+05	3.184e+05	2.992e+05
						101.0	3749.48	-2229.64	-871.67	2.946e+05	2.746e+05	2.114e+05
284	24	3.450e+05	-2.741e+05	0.02	-2367.79	0.0	-8059.83	262.55	876.72	-2.825e+05	-3.623e+05	3.423e+05
		2.594e+05	-3.623e+05	-0.27	0.0	50.5	-8059.83	-921.35	876.72	-2.825e+05	-3.182e+05	3.307e+05
						101.0	-8059.83	-2105.25	876.72	-2.825e+05	-2.741e+05	2.594e+05
284	25	3.333e+05	3.506e+05	0.02	-2367.79	0.0	3876.60	-177.52	-859.04	2.913e+05	3.506e+05	3.333e+05
		1.856e+05	2.650e+05	0.27	0.0	50.5	3876.60	-1361.42	-859.04	2.913e+05	3.078e+05	2.893e+05
						101.0	3876.60	-2545.32	-859.04	2.913e+05	2.650e+05	1.856e+05
284	28	3.460e+05	-2.646e+05	0.02	-2367.79	0.0	-8186.95	578.23	864.09	-2.793e+05	-3.506e+05	3.362e+05
		2.852e+05	-3.506e+05	-0.27	0.0	50.5	-8186.95	-605.67	864.09	-2.793e+05	-3.076e+05	3.406e+05
						101.0	-8186.95	-1789.57	864.09	-2.793e+05	-2.646e+05	2.852e+05
284	46	3.548e+05	-1.177e+04	0.04	-2367.79	0.0	-2589.95	-807.91	275.96	-3.062e+04	-3.455e+04	3.548e+05
		1.554e+05	-3.455e+04	-0.04	0.0	50.5	-2589.95	-1991.81	275.96	-3.062e+04	-2.316e+04	2.850e+05
						101.0	-2589.95	-3175.71	275.96	-3.062e+04	-1.177e+04	1.554e+05
284	50	3.547e+05	-734.53	0.04	-2367.79	0.0	-2542.63	-820.82	264.64	-3.496e+04	-1.887e+04	3.547e+05
		1.517e+05	-1.887e+04	-0.05	0.0	50.5	-2542.63	-2004.72	264.64	-3.496e+04	-9803.19	2.831e+05
						101.0	-2542.63	-3188.62	264.64	-3.496e+04	-734.53	1.517e+05
284	53	3.311e+05	1.932e+05	0.02	-2367.79	0.0	960.54	160.70	-467.25	1.598e+05	1.932e+05	3.309e+05
		2.216e+05	1.463e+05	0.14	0.0	50.5	960.54	-1023.20	-467.25	1.598e+05	1.698e+05	3.061e+05
						101.0	960.54	-2207.10	-467.25	1.598e+05	1.463e+05	2.216e+05
284	56	3.405e+05	-1.459e+05	0.02	-2367.79	0.0	-5270.89	240.00	472.30	-1.478e+05	-1.933e+05	3.386e+05
		2.493e+05	-1.933e+05	-0.14	0.0	50.5	-5270.89	-943.89	472.30	-1.478e+05	-1.696e+05	3.238e+05
						101.0	-5270.89	-2127.79	472.30	-1.478e+05	-1.459e+05	2.493e+05
284	57	3.344e+05	1.868e+05	0.02	-2367.79	0.0	1036.51	-21.21	-459.93	1.581e+05	1.868e+05	3.344e+05
		2.067e+05	1.412e+05	0.14	0.0	50.5	1036.51	-1205.10	-459.93	1.581e+05	1.640e+05	3.004e+05
						101.0	1036.51	-2389.00	-459.93	1.581e+05	1.412e+05	2.067e+05
284	60	3.401e+05	-1.408e+05	0.02	-2367.79	0.0	-5346.86	421.91	464.98	-1.460e+05	-1.869e+05	3.352e+05
		2.641e+05	-1.869e+05	-0.14	0.0	50.5	-5346.86	-761.99	464.98	-1.460e+05	-1.638e+05	3.295e+05
						101.0	-5346.86	-1945.89	464.98	-1.460e+05	-1.408e+05	2.641e+05
284	69	3.175e+05	217.09	0.02	-2276.40	0.0	-2073.49	205.23	2.57	4784.08	-42.81	3.167e+05
		2.225e+05	-42.81	-1.14e-03	0.0	50.5	-2073.49	-932.97	2.57	4784.08	87.14	2.983e+05
						101.0	-2073.49	-2071.17	2.57	4784.08	217.09	2.225e+05
284	70	3.776e+05	222.21	0.02	-2581.05	0.0	-2345.77	188.97	2.41	8883.04	-21.01	3.769e+05
		2.657e+05	-21.01	-1.21e-03	0.0	50.5	-2345.77	-1101.55	2.41	8883.04	100.60	3.539e+05
						101.0	-2345.77	-2392.08	2.41	8883.04	222.21	2.657e+05
284	71	3.175e+05	217.09	0.02	-2276.40	0.0	-2073.49	205.23	2.57	4784.08	-42.81	3.167e+05
		2.225e+05	-42.81	-1.14e-03	0.0	50.5	-2073.49	-932.97	2.57	4784.08	87.14	2.983e+05
						101.0	-2073.49	-2071.17	2.57	4784.08	217.09	2.225e+05
284	72	3.476e+05	219.65	0.02	-2428.72	0.0	-2209.63	197.10	2.49	6833.56	-31.91	3.468e+05
		2.441e+05	-31.91	-1.17e-03	0.0	50.5	-2209.63	-1017.26	2.49	6833.56	93.87	3.261e+05
						101.0	-2209.63	-2231.62	2.49	6833.56	219.65	2.441e+05
284	73	3.175e+05	217.09	0.02	-2276.40	0.0	-2073.49	205.23	2.57	4784.08	-42.81	3.167e+05
		2.225e+05	-42.81	-1.14e-03	0.0	50.5	-2073.49	-932.97	2.57	4784.08	87.14	2.983e+05
						101.0	-2073.49	-2071.17	2.57	4784.08	217.09	2.225e+05
284	74	3.356e+05	218.63	0.02	-2367.79	0.0	-2155.18	200.35	2.52	6013.77	-36.27	3.348e+05
		2.354e+05	-36.27	-1.16e-03	0.0	50.5	-2155.18	-983.55	2.52	6013.77	91.18	3.150e+05
						101.0	-2155.18	-2167.44	2.52	6013.77	218.63	2.354e+05
285	2	7.048e+05	984.48	-0.03	-3416.30	0.0	-2610.39	4221.09	2.44	2.543e+04	738.36	4.510e+05
		4.510e+05	738.36	-1.05e-03	0.0	50.5	-2610.39	2512.94	2.44	2.543e+04	861.42	6.211e+05
						101.0	-2610.39	804.79	2.44	2.543e+04	984.48	7.048e+05
285	3	4.488e+05	626.50	-0.02	-2276.40	0.0	-1743.45	2740.83	2.33	1.525e+04	390.77	2.870e+05
		2.870e+05	390.77	-8.27e-04	0.0	50.5	-1743.45	1602.63	2.33	1.525e+04	508.64	3.966e+05
						101.0	-1743.45	464.43	2.33	1.525e+04	626.50	4.488e+05
285	15	4.975e+05	9.821e+04	-0.04	-2367.79	0.0	-1710.79	4615.32	8.97	1.178e+05	9.821e+04	1.495e+05
		1.495e+05	1.400e+04	0.10	0.0	50.5	-1710.79	3431.42	8.97	1.178e+05	5.611e+04	3.534e+05
						101.0	-1710.79	2247.52	8.97	1.178e+05	1.400e+04	4.975e+05
285	25	4.800e+05	1.632e+05	-0.05	-2367.79	0.0	3525.06	2938.37	-2235.66	4.171e+05	1.632e+05	2.997e+05
		2.997e+05	-3.320e+05	0.34	0.0	50.5	3525.06	1754.48	-2235.66	4.171e+05	-8.442e+04	4.197e+05

						101.0	3525.06	570.58	-2235.66	4.171e+05	-3.320e+05	4.800e+05
285	28	4.663e+05	3.333e+05	5.36e-03	-2367.79	0.0	-7149.53	2806.49	2240.09	-3.844e+05	-1.623e+05	3.054e+05
		3.054e+05	-1.623e+05	-0.34	0.0	50.5	-7149.53	1622.59	2240.09	-3.844e+05	8.552e+04	4.157e+05
						101.0	-7149.53	438.69	2240.09	-3.844e+05	3.333e+05	4.663e+05
285	47	4.871e+05	5.653e+04	-0.03	-2367.79	0.0	-1827.31	3871.02	34.51	6.947e+04	5.653e+04	2.149e+05
		2.149e+05	1.003e+04	0.05	0.0	50.5	-1827.31	2687.12	34.51	6.947e+04	3.328e+04	3.809e+05
						101.0	-1827.31	1503.22	34.51	6.947e+04	1.003e+04	4.871e+05
285	57	4.769e+05	9.424e+04	-0.03	-2367.79	0.0	1021.85	2888.33	-1194.71	2.278e+05	9.424e+04	3.030e+05
		3.030e+05	-1.851e+05	0.17	0.0	50.5	1021.85	1704.43	-1194.71	2.278e+05	-4.545e+04	4.198e+05
						101.0	1021.85	520.53	-1194.71	2.278e+05	-1.851e+05	4.769e+05
285	60	4.693e+05	1.865e+05	-0.01	-2367.79	0.0	-4646.32	2856.54	1199.14	-1.950e+05	-9.336e+04	3.022e+05
		3.022e+05	-9.336e+04	-0.18	0.0	50.5	-4646.32	1672.64	1199.14	-1.950e+05	4.655e+04	4.156e+05
						101.0	-4646.32	488.74	1199.14	-1.950e+05	1.865e+05	4.693e+05
285	69	4.488e+05	626.50	-0.02	-2276.40	0.0	-1743.45	2740.83	2.33	1.525e+04	390.77	2.870e+05
		2.870e+05	390.77	-8.27e-04	0.0	50.5	-1743.45	1602.63	2.33	1.525e+04	508.64	3.966e+05
						101.0	-1743.45	464.43	2.33	1.525e+04	626.50	4.488e+05
285	70	5.297e+05	739.85	-0.02	-2581.05	0.0	-1972.72	3179.50	1.94	1.899e+04	544.34	3.390e+05
		3.390e+05	544.34	-8.11e-04	0.0	50.5	-1972.72	1888.98	1.94	1.899e+04	642.10	4.669e+05
						101.0	-1972.72	598.45	1.94	1.899e+04	739.85	5.297e+05
285	71	4.488e+05	626.50	-0.02	-2276.40	0.0	-1743.45	2740.83	2.33	1.525e+04	390.77	2.870e+05
		2.870e+05	390.77	-8.27e-04	0.0	50.5	-1743.45	1602.63	2.33	1.525e+04	508.64	3.966e+05
						101.0	-1743.45	464.43	2.33	1.525e+04	626.50	4.488e+05
285	72	4.893e+05	683.18	-0.02	-2428.72	0.0	-1858.09	2960.17	2.13	1.712e+04	467.56	3.130e+05
		3.130e+05	467.56	-8.19e-04	0.0	50.5	-1858.09	1745.80	2.13	1.712e+04	575.37	4.318e+05
						101.0	-1858.09	531.44	2.13	1.712e+04	683.18	4.893e+05
285	73	4.488e+05	626.50	-0.02	-2276.40	0.0	-1743.45	2740.83	2.33	1.525e+04	390.77	2.870e+05
		2.870e+05	390.77	-8.27e-04	0.0	50.5	-1743.45	1602.63	2.33	1.525e+04	508.64	3.966e+05
						101.0	-1743.45	464.43	2.33	1.525e+04	626.50	4.488e+05
285	74	4.731e+05	660.51	-0.02	-2367.79	0.0	-1812.24	2872.43	2.21	1.637e+04	436.84	3.026e+05
		3.026e+05	436.84	-8.23e-04	0.0	50.5	-1812.24	1688.53	2.21	1.637e+04	548.68	4.177e+05
						101.0	-1812.24	504.64	2.21	1.637e+04	660.51	4.731e+05
286	2	7.180e+05	1101.70	-0.04	-3185.91	0.0	-1887.48	4391.35	10.15	-1.986e+04	76.94	4.354e+05
		4.354e+05	76.94	-1.81e-03	0.0	50.5	-1887.48	2798.39	10.15	-1.986e+04	589.32	6.169e+05
						101.0	-1887.48	1205.44	10.15	-1.986e+04	1101.70	7.180e+05
286	3	4.581e+05	787.79	-0.02	-2127.11	0.0	-1261.40	2855.71	6.41	-1.139e+04	140.15	2.771e+05
		2.771e+05	140.15	-1.25e-03	0.0	50.5	-1261.40	1792.15	6.41	-1.139e+04	463.97	3.945e+05
						101.0	-1261.40	728.60	6.41	-1.139e+04	787.79	4.581e+05
286	4	5.806e+05	865.36	-0.03	-2547.78	0.0	-1509.06	3534.63	8.22	-1.644e+04	34.89	3.522e+05
		3.522e+05	34.89	-1.44e-03	0.0	50.5	-1509.06	2260.74	8.22	-1.644e+04	450.13	4.986e+05
						101.0	-1509.06	986.86	8.22	-1.644e+04	865.36	5.806e+05
286	5	5.499e+05	2.043e+05	-7.44e-03	-2211.24	0.0	2181.39	853.53	1267.49	6.347e+04	1.534e+05	5.270e+05
		5.165e+05	1.534e+05	0.06	0.0	50.5	2181.39	-252.09	1267.49	6.347e+04	1.788e+05	5.496e+05
						101.0	2181.39	-1357.71	1267.49	6.347e+04	2.043e+05	5.165e+05
286	6	5.345e+05	3.482e+05	-0.02	-2211.24	0.0	4348.68	1129.52	2273.02	-1.654e+05	5.773e+04	5.019e+05
		5.019e+05	5.773e+04	-0.13	0.0	50.5	4348.68	23.90	2273.02	-1.654e+05	2.030e+05	5.344e+05
						101.0	4348.68	-1081.72	2273.02	-1.654e+05	3.482e+05	5.110e+05
286	7	4.542e+05	-5.749e+04	-0.04	-2211.24	0.0	-6970.56	4853.46	-2259.47	1.406e+05	-5.749e+04	8.232e+04
		8.232e+04	-3.466e+05	0.13	0.0	50.5	-6970.56	3747.84	-2259.47	1.406e+05	-2.021e+05	2.962e+05
						101.0	-6970.56	2642.22	-2259.47	1.406e+05	-3.466e+05	4.542e+05
286	8	4.487e+05	-1.532e+05	-0.05	-2211.24	0.0	-4803.26	5129.45	-1253.94	-8.826e+04	-1.532e+05	5.726e+04
		5.726e+04	-2.027e+05	-0.07	0.0	50.5	-4803.26	4023.83	-1253.94	-8.826e+04	-1.779e+05	2.809e+05
						101.0	-4803.26	2918.21	-1253.94	-8.826e+04	-2.027e+05	4.487e+05
286	37	5.050e+05	1.197e+05	-0.01	-2211.24	0.0	738.56	1764.48	749.82	2.696e+04	8.910e+04	4.269e+05
		4.269e+05	8.910e+04	0.03	0.0	50.5	738.56	658.86	749.82	2.696e+04	1.044e+05	4.924e+05
						101.0	738.56	-446.76	749.82	2.696e+04	1.197e+05	5.021e+05
286	38	5.005e+05	2.004e+05	-0.02	-2211.24	0.0	1881.95	1914.26	1282.99	-9.371e+04	3.411e+04	4.135e+05
		4.135e+05	3.411e+04	-0.07	0.0	50.5	1881.95	808.64	1282.99	-9.371e+04	1.173e+05	4.842e+05
						101.0	1881.95	-296.98	1282.99	-9.371e+04	2.004e+05	4.990e+05
286	39	4.662e+05	-3.387e+04	-0.03	-2211.24	0.0	-4503.83	4068.73	-1269.44	6.892e+04	-3.387e+04	1.708e+05
		1.708e+05	-1.988e+05	0.07	0.0	50.5	-4503.83	2963.11	-1269.44	6.892e+04	-1.163e+05	3.464e+05
						101.0	-4503.83	1857.49	-1269.44	6.892e+04	-1.988e+05	4.662e+05
286	40	4.631e+05	-8.886e+04	-0.04	-2211.24	0.0	-3360.43	4218.51	-736.28	-5.176e+04	-8.886e+04	1.573e+05
		1.573e+05	-1.181e+05	-0.03	0.0	50.5	-3360.43	3112.89	-736.28	-5.176e+04	-1.035e+05	3.381e+05
						101.0	-3360.43	2007.27	-736.28	-5.176e+04	-1.181e+05	4.631e+05
286	69	4.581e+05	787.79	-0.02	-2127.11	0.0	-1261.40	2855.71	6.41	-1.139e+04	140.15	2.771e+05
		2.771e+05	140.15	-1.25e-03	0.0	50.5	-1261.40	1792.15	6.41	-1.139e+04	463.97	3.945e+05
						101.0	-1261.40	728.60	6.41	-1.139e+04	787.79	4.581e+05
286	70	5.397e+05	839.50	-0.03	-2407.55	0.0	-1426.51	3308.32	7.62	-1.476e+04	69.98	3.272e+05
		3.272e+05	69.98	-1.38e-03	0.0	50.5	-1426.51	2104.55	7.62	-1.476e+04	454.74	4.639e+05
						101.0	-1426.51	900.77	7.62	-1.476e+04	839.50	5.397e+05
286	71	4.581e+05	787.79	-0.02	-2127.11	0.0	-1261.40	2855.71	6.41	-1.139e+04	140.15	2.771e+05
		2.771e+05	140.15	-1.25e-03	0.0	50.5	-1261.40	1792.15	6.41	-1.139e+04	463.97	3.945e+05
						101.0	-1261.40	728.60	6.41	-1.139e+04	787.79	4.581e+05
286	72	4.989e+05	813.65	-0.03	-2267.33	0.0	-1343.96	3082.02	7.02	-1.307e+04	105.07	3.021e+05
		3.021e+05	105.07	-1.31e-03	0.0	50.5	-1343.96	1948.35	7.02	-1.307e+04	459.36	4.292e+05
						101.0	-1343.96	814.69	7.02	-1.307e+04	813.65	4.989e+05
286	73	4.581e+05	787.79	-0.02	-2127.11	0.0	-1261.40	2855.71	6.41	-1.139e+04	140.15	2.771e+05

		2.771e+05	140.15	-1.25e-03	0.0	50.5	-1261.40	1792.15	6.41	-1.139e+04	463.97	3.945e+05
						101.0	-1261.40	728.60	6.41	-1.139e+04	787.79	4.581e+05
286	74	4.826e+05	803.30	-0.03	-2211.24	0.0	-1310.94	2991.49	6.77	-1.240e+04	119.10	2.921e+05
		2.921e+05	119.10	-1.29e-03	0.0	50.5	-1310.94	1885.87	6.77	-1.240e+04	461.20	4.153e+05
						101.0	-1310.94	780.25	6.77	-1.240e+04	803.30	4.826e+05
287	1	3.803e+05	-19.23	0.02	-2765.24	0.0	-1890.59	196.76	3.46	-7803.79	-368.65	3.796e+05
		2.599e+05	-368.65	-1.55e-03	0.0	50.5	-1890.59	-1185.86	3.46	-7803.79	-193.94	3.547e+05
						101.0	-1890.59	-2568.48	3.46	-7803.79	-19.23	2.599e+05
287	2	4.645e+05	32.24	0.03	-3185.91	0.0	-2164.97	163.25	3.92	-1.396e+04	-363.81	4.641e+05
		3.197e+05	-363.81	-1.67e-03	0.0	50.5	-2164.97	-1429.71	3.92	-1.396e+04	-165.78	4.321e+05
						101.0	-2164.97	-3022.66	3.92	-1.396e+04	32.24	3.197e+05
287	3	2.926e+05	-14.79	0.02	-2127.11	0.0	-1454.30	151.35	2.66	-6002.92	-283.58	2.920e+05
		1.999e+05	-283.58	-1.19e-03	0.0	50.5	-1454.30	-912.20	2.66	-6002.92	-149.18	2.728e+05
						101.0	-1454.30	-1975.75	2.66	-6002.92	-14.79	1.999e+05
287	4	3.767e+05	36.68	0.02	-2547.78	0.0	-1728.68	117.84	3.12	-1.216e+04	-278.74	3.765e+05
		2.597e+05	-278.74	-1.31e-03	0.0	50.5	-1728.68	-1156.05	3.12	-1.216e+04	-121.03	3.503e+05
						101.0	-1728.68	-2429.93	3.12	-1.216e+04	36.68	2.597e+05
287	6	3.492e+05	-1.871e+05	0.06	-2211.24	0.0	2103.99	-2273.50	-189.14	-6.545e+04	-1.871e+05	3.492e+05
		3882.23	-1.951e+05	0.48	0.0	50.5	2103.99	-3379.12	-189.14	-6.545e+04	-1.911e+05	2.045e+05
						101.0	2103.99	-4484.74	-189.14	-6.545e+04	-1.951e+05	3882.23
287	7	4.199e+05	1.951e+05	-0.02	-2211.24	0.0	-5122.34	2562.80	194.64	5.098e+04	1.865e+05	2.687e+05
		2.687e+05	1.865e+05	-0.48	0.0	50.5	-5122.34	1457.18	194.64	5.098e+04	1.908e+05	3.722e+05
						101.0	-5122.34	351.56	194.64	5.098e+04	1.951e+05	4.199e+05
287	22	3.128e+05	-2.602e+05	0.02	-2211.24	0.0	3401.32	-489.38	853.82	-2.813e+05	-3.455e+05	3.128e+05
		1.385e+05	-3.455e+05	-0.10	0.0	50.5	3401.32	-1595.00	853.82	-2.813e+05	-3.029e+05	2.536e+05
						101.0	3401.32	-2700.62	853.82	-2.813e+05	-2.602e+05	1.385e+05
287	23	3.239e+05	3.449e+05	0.01	-2211.24	0.0	-6419.67	778.68	-848.31	2.668e+05	3.449e+05	3.050e+05
		2.853e+05	2.602e+05	0.10	0.0	50.5	-6419.67	-326.94	-848.31	2.668e+05	3.026e+05	3.231e+05
						101.0	-6419.67	-1432.56	-848.31	2.668e+05	2.602e+05	2.853e+05
287	38	3.322e+05	-1.012e+05	0.04	-2211.24	0.0	502.28	-1247.00	-118.01	-3.779e+04	-1.012e+05	3.322e+05
		9.232e+04	-1.066e+05	0.26	0.0	50.5	502.28	-2352.62	-118.01	-3.779e+04	-1.039e+05	2.402e+05
						101.0	502.28	-3458.24	-118.01	-3.779e+04	-1.066e+05	9.232e+04
287	39	3.411e+05	1.066e+05	-5.34e-03	-2211.24	0.0	-3520.64	1536.31	123.51	2.332e+04	1.006e+05	2.856e+05
		2.856e+05	1.006e+05	-0.27	0.0	50.5	-3520.64	430.69	123.51	2.332e+04	1.036e+05	3.365e+05
						101.0	-3520.64	-674.93	123.51	2.332e+04	1.066e+05	3.411e+05
287	54	3.115e+05	-1.388e+05	0.02	-2211.24	0.0	1115.31	-220.66	456.75	-1.530e+05	-1.843e+05	3.115e+05
		1.700e+05	-1.843e+05	-0.05	0.0	50.5	1115.31	-1326.28	456.75	-1.530e+05	-1.615e+05	2.687e+05
						101.0	1115.31	-2431.90	456.75	-1.530e+05	-1.388e+05	1.700e+05
287	55	3.142e+05	1.837e+05	0.02	-2211.24	0.0	-4133.67	509.96	-451.24	1.386e+05	1.837e+05	3.064e+05
		2.537e+05	1.388e+05	0.05	0.0	50.5	-4133.67	-595.66	-451.24	1.386e+05	1.613e+05	3.080e+05
						101.0	-4133.67	-1701.28	-451.24	1.386e+05	1.388e+05	2.537e+05
287	69	2.926e+05	-14.79	0.02	-2127.11	0.0	-1454.30	151.35	2.66	-6002.92	-283.58	2.920e+05
		1.999e+05	-283.58	-1.19e-03	0.0	50.5	-1454.30	-912.20	2.66	-6002.92	-149.18	2.728e+05
						101.0	-1454.30	-1975.75	2.66	-6002.92	-14.79	1.999e+05
287	70	3.487e+05	19.52	0.02	-2407.55	0.0	-1637.22	129.01	2.97	-1.011e+04	-280.35	3.483e+05
		2.398e+05	-280.35	-1.27e-03	0.0	50.5	-1637.22	-1074.76	2.97	-1.011e+04	-130.41	3.245e+05
						101.0	-1637.22	-2278.54	2.97	-1.011e+04	19.52	2.398e+05
287	71	2.926e+05	-14.79	0.02	-2127.11	0.0	-1454.30	151.35	2.66	-6002.92	-283.58	2.920e+05
		1.999e+05	-283.58	-1.19e-03	0.0	50.5	-1454.30	-912.20	2.66	-6002.92	-149.18	2.728e+05
						101.0	-1454.30	-1975.75	2.66	-6002.92	-14.79	1.999e+05
287	72	3.206e+05	2.37	0.02	-2267.33	0.0	-1545.76	140.18	2.82	-8054.64	-281.96	3.202e+05
		2.198e+05	-281.96	-1.23e-03	0.0	50.5	-1545.76	-993.48	2.82	-8054.64	-139.80	2.986e+05
						101.0	-1545.76	-2127.15	2.82	-8054.64	2.37	2.198e+05
287	73	2.926e+05	-14.79	0.02	-2127.11	0.0	-1454.30	151.35	2.66	-6002.92	-283.58	2.920e+05
		1.999e+05	-283.58	-1.19e-03	0.0	50.5	-1454.30	-912.20	2.66	-6002.92	-149.18	2.728e+05
						101.0	-1454.30	-1975.75	2.66	-6002.92	-14.79	1.999e+05
287	74	3.094e+05	-4.50	0.02	-2211.24	0.0	-1509.18	144.65	2.75	-7233.95	-282.61	3.089e+05
		2.119e+05	-282.61	-1.21e-03	0.0	50.5	-1509.18	-960.97	2.75	-7233.95	-143.55	2.883e+05
						101.0	-1509.18	-2066.59	2.75	-7233.95	-4.50	2.119e+05
288	2	5.059e+05	-1750.85	-7.53e-03	-3185.91	0.0	-2376.20	1587.65	8.37	-353.79	-2596.20	4.659e+05
		4.654e+05	-2596.20	-6.47e-04	0.0	50.5	-2376.20	-5.30	8.37	-353.79	-2173.53	5.059e+05
						101.0	-2376.20	-1598.26	8.37	-353.79	-1750.85	4.654e+05
288	3	3.207e+05	-1307.90	-4.77e-03	-2127.11	0.0	-1594.32	1059.52	5.91	-204.03	-1904.49	2.940e+05
		2.936e+05	-1904.49	-4.19e-04	0.0	50.5	-1594.32	-4.03	5.91	-204.03	-1606.20	3.207e+05
						101.0	-1594.32	-1067.58	5.91	-204.03	-1307.90	2.936e+05
288	6	4.320e+05	-7.280e+04	0.04	-2211.24	0.0	-561.38	-1363.64	-399.11	8.356e+04	-7.771e+04	4.320e+05
		1.853e+05	-7.771e+04	0.01	0.0	50.5	-561.38	-2469.26	-399.11	8.356e+04	-7.525e+04	3.366e+05
						101.0	-561.38	-3574.88	-399.11	8.356e+04	-7.280e+04	1.853e+05
288	9	4.359e+05	1.330e+05	0.04	-2211.24	0.0	-3041.75	-1362.96	-372.97	8.321e+04	1.228e+05	4.359e+05
		1.895e+05	1.228e+05	9.23e-03	0.0	50.5	-3041.75	-2468.58	-372.97	8.321e+04	1.279e+05	3.406e+05
						101.0	-3041.75	-3574.20	-372.97	8.321e+04	1.330e+05	1.895e+05
288	21	3.569e+05	3.672e+05	0.01	-2211.24	0.0	-5840.46	479.49	274.40	-4.724e+04	3.292e+05	3.534e+05
		2.812e+05	3.292e+05	-0.05	0.0	50.5	-5840.46	-626.13	274.40	-4.724e+04	3.482e+05	3.452e+05
						101.0	-5840.46	-1731.75	274.40	-4.724e+04	3.672e+05	2.812e+05
288	24	3.431e+05	-3.330e+05	-0.01	-2211.24	0.0	2530.40	1723.66	-262.31	4.680e+04	-3.330e+05	2.681e+05
		2.681e+05	-3.698e+05	0.05	0.0	50.5	2530.40	618.04	-262.31	4.680e+04	-3.514e+05	3.317e+05
						101.0	2530.40	-487.58	-262.31	4.680e+04	-3.698e+05	3.395e+05

288	25	3.459e+05	3.637e+05	-3.86e-03	-2211.24	0.0	-5845.43	1005.11	404.06	-5.994e+04	3.299e+05	3.268e+05
		3.077e+05	3.299e+05	-0.05	0.0	50.5	-5845.43	-100.51	404.06	-5.994e+04	3.468e+05	3.452e+05
						101.0	-5845.43	-1206.13	404.06	-5.994e+04	3.637e+05	3.077e+05
288	28	3.325e+05	-3.338e+05	-6.40e-03	-2211.24	0.0	2535.36	1198.05	-391.97	5.950e+04	-3.338e+05	2.947e+05
		2.947e+05	-3.663e+05	0.05	0.0	50.5	2535.36	92.43	-391.97	5.950e+04	-3.500e+05	3.318e+05
						101.0	2535.36	-1013.19	-391.97	5.950e+04	-3.663e+05	3.130e+05
288	38	3.805e+05	-3.838e+04	0.02	-2211.24	0.0	-1081.69	-316.37	-224.34	4.608e+04	-4.203e+04	3.805e+05
		2.385e+05	-4.203e+04	6.50e-03	0.0	50.5	-1081.69	-1421.99	-224.34	4.608e+04	-4.020e+04	3.374e+05
						101.0	-1081.69	-2527.61	-224.34	4.608e+04	-3.838e+04	2.385e+05
288	41	3.827e+05	7.214e+04	0.02	-2211.24	0.0	-2391.98	-315.87	-211.57	4.599e+04	6.571e+04	3.827e+05
		2.408e+05	6.571e+04	4.45e-03	0.0	50.5	-2391.98	-1421.49	-211.57	4.599e+04	6.893e+04	3.397e+05
						101.0	-2391.98	-2527.11	-211.57	4.599e+04	7.214e+04	2.408e+05
288	53	3.462e+05	1.975e+05	6.24e-03	-2211.24	0.0	-3867.81	742.15	152.10	-2.604e+04	1.761e+05	3.353e+05
		2.933e+05	1.761e+05	-0.03	0.0	50.5	-3867.81	-363.47	152.10	-2.604e+04	1.868e+05	3.422e+05
						101.0	-3867.81	-1469.09	152.10	-2.604e+04	1.975e+05	2.933e+05
288	56	3.385e+05	-1.799e+05	-8.54e-03	-2211.24	0.0	557.75	1461.01	-140.01	2.559e+04	-1.799e+05	2.862e+05
		2.862e+05	-2.001e+05	0.03	0.0	50.5	557.75	355.39	-140.01	2.559e+04	-1.900e+05	3.347e+05
						101.0	557.75	-750.23	-140.01	2.559e+04	-2.001e+05	3.273e+05
288	57	3.425e+05	1.954e+05	-4.30e-03	-2211.24	0.0	-3870.38	1044.44	226.61	-3.305e+04	1.765e+05	3.200e+05
		3.086e+05	1.765e+05	-0.03	0.0	50.5	-3870.38	-61.18	226.61	-3.305e+04	1.860e+05	3.422e+05
						101.0	-3870.38	-1166.80	226.61	-3.305e+04	1.954e+05	3.086e+05
288	60	3.350e+05	-1.804e+05	-5.82e-03	-2211.24	0.0	560.31	1158.72	-214.52	3.261e+04	-1.804e+05	3.015e+05
		3.015e+05	-1.980e+05	0.03	0.0	50.5	560.31	53.10	-214.52	3.261e+04	-1.892e+05	3.347e+05
						101.0	560.31	-1052.52	-214.52	3.261e+04	-1.980e+05	3.121e+05
288	69	3.207e+05	-1307.90	-4.77e-03	-2127.11	0.0	-1594.32	1059.52	5.91	-204.03	-1904.49	2.940e+05
		2.936e+05	-1904.49	-4.19e-04	0.0	50.5	-1594.32	-4.03	5.91	-204.03	-1606.20	3.207e+05
						101.0	-1594.32	-1067.58	5.91	-204.03	-1307.90	2.936e+05
288	70	3.800e+05	-1341.62	-5.66e-03	-2407.55	0.0	-1796.71	1199.70	6.37	-263.06	-1984.73	3.498e+05
		3.494e+05	-1984.73	-4.87e-04	0.0	50.5	-1796.71	-4.07	6.37	-263.06	-1663.18	3.800e+05
						101.0	-1796.71	-1207.85	6.37	-263.06	-1341.62	3.494e+05
288	71	3.207e+05	-1307.90	-4.77e-03	-2127.11	0.0	-1594.32	1059.52	5.91	-204.03	-1904.49	2.940e+05
		2.936e+05	-1904.49	-4.19e-04	0.0	50.5	-1594.32	-4.03	5.91	-204.03	-1606.20	3.207e+05
						101.0	-1594.32	-1067.58	5.91	-204.03	-1307.90	2.936e+05
288	72	3.503e+05	-1324.76	-5.21e-03	-2267.33	0.0	-1695.51	1129.61	6.14	-233.55	-1944.61	3.219e+05
		3.215e+05	-1944.61	-4.53e-04	0.0	50.5	-1695.51	-4.05	6.14	-233.55	-1634.69	3.503e+05
						101.0	-1695.51	-1137.72	6.14	-233.55	-1324.76	3.215e+05
288	73	3.207e+05	-1307.90	-4.77e-03	-2127.11	0.0	-1594.32	1059.52	5.91	-204.03	-1904.49	2.940e+05
		2.936e+05	-1904.49	-4.19e-04	0.0	50.5	-1594.32	-4.03	5.91	-204.03	-1606.20	3.207e+05
						101.0	-1594.32	-1067.58	5.91	-204.03	-1307.90	2.936e+05
288	74	3.385e+05	-1318.02	-5.04e-03	-2211.24	0.0	-1655.03	1101.58	6.05	-221.74	-1928.57	3.107e+05
		3.103e+05	-1928.57	-4.39e-04	0.0	50.5	-1655.03	-4.04	6.05	-221.74	-1623.29	3.385e+05
						101.0	-1655.03	-1109.66	6.05	-221.74	-1318.02	3.103e+05
289	2	4.647e+05	1551.30	-0.03	-3185.91	0.0	-2196.18	3012.91	-21.33	1.525e+04	1551.30	3.208e+05
		3.208e+05	-602.71	3.01e-03	0.0	50.5	-2196.18	1419.96	-21.33	1.525e+04	474.29	4.328e+05
						101.0	-2196.18	-172.99	-21.33	1.525e+04	-602.71	4.643e+05
289	3	2.927e+05	1152.50	-0.02	-2127.11	0.0	-1477.96	1968.35	-15.46	7016.77	1152.50	2.008e+05
		2.008e+05	-408.67	2.22e-03	0.0	50.5	-1477.96	904.80	-15.46	7016.77	371.92	2.733e+05
						101.0	-1477.96	-158.75	-15.46	7016.77	-408.67	2.921e+05
289	9	4.203e+05	1.769e+05	0.02	-2211.24	0.0	-4921.99	-357.87	-130.67	-1.001e+05	1.769e+05	4.203e+05
		2.686e+05	1.759e+05	-0.05	0.0	50.5	-4921.99	-1463.49	-130.67	-1.001e+05	1.764e+05	3.724e+05
						101.0	-4921.99	-2569.11	-130.67	-1.001e+05	1.759e+05	2.686e+05
289	12	3.495e+05	-1.746e+05	-0.06	-2211.24	0.0	1856.13	4476.19	99.27	1.165e+05	-1.746e+05	5159.16
		5159.16	-1.767e+05	0.06	0.0	50.5	1856.13	3370.57	99.27	1.165e+05	-1.757e+05	2.052e+05
						101.0	1856.13	2264.95	99.27	1.165e+05	-1.767e+05	3.495e+05
289	29	3.240e+05	3.355e+05	-0.02	-2211.24	0.0	-6387.91	1425.37	693.49	-2.649e+05	2.653e+05	2.856e+05
		2.856e+05	2.653e+05	-0.24	0.0	50.5	-6387.91	319.75	693.49	-2.649e+05	3.004e+05	3.232e+05
						101.0	-6387.91	-785.87	693.49	-2.649e+05	3.355e+05	3.050e+05
289	32	3.130e+05	-2.630e+05	-0.02	-2211.24	0.0	3322.06	2692.96	-724.90	2.814e+05	-2.630e+05	1.399e+05
		1.399e+05	-3.363e+05	0.24	0.0	50.5	3322.06	1587.34	-724.90	2.814e+05	-2.997e+05	2.544e+05
						101.0	3322.06	481.72	-724.90	2.814e+05	-3.363e+05	3.130e+05
289	41	3.415e+05	9.645e+04	-4.70e-03	-2211.24	0.0	-3415.12	668.15	-89.27	-5.040e+04	9.645e+04	3.320e+05
		2.857e+05	9.471e+04	-0.03	0.0	50.5	-3415.12	-437.47	-89.27	-5.040e+04	9.558e+04	3.368e+05
						101.0	-3415.12	-1543.09	-89.27	-5.040e+04	9.471e+04	2.857e+05
289	44	3.324e+05	-9.413e+04	-0.04	-2211.24	0.0	349.26	3450.18	57.86	6.689e+04	-9.413e+04	9.344e+04
		9.344e+04	-9.555e+04	0.03	0.0	50.5	349.26	2344.55	57.86	6.689e+04	-9.484e+04	2.408e+05
						101.0	349.26	1238.93	57.86	6.689e+04	-9.555e+04	3.324e+05
289	61	3.143e+05	1.790e+05	-0.02	-2211.24	0.0	-4123.72	1693.94	365.32	-1.375e+05	1.420e+05	2.542e+05
		2.542e+05	1.420e+05	-0.13	0.0	50.5	-4123.72	588.32	365.32	-1.375e+05	1.605e+05	3.082e+05
						101.0	-4123.72	-517.30	365.32	-1.375e+05	1.790e+05	3.064e+05
289	64	3.116e+05	-1.397e+05	-0.02	-2211.24	0.0	1057.87	2424.39	-396.72	1.540e+05	-1.397e+05	1.713e+05
		1.713e+05	-1.798e+05	0.13	0.0	50.5	1057.87	1318.77	-396.72	1.540e+05	-1.598e+05	2.694e+05
						101.0	1057.87	213.15	-396.72	1.540e+05	-1.798e+05	3.116e+05
289	69	2.927e+05	1152.50	-0.02	-2127.11	0.0	-1477.96	1968.35	-15.46	7016.77	1152.50	2.008e+05
		2.008e+05	-408.67	2.22e-03	0.0	50.5	-1477.96	904.80	-15.46	7016.77	371.92	2.733e+05
						101.0	-1477.96	-158.75	-15.46	7016.77	-408.67	2.921e+05
289	70	3.488e+05	1187.86	-0.02	-2407.55	0.0	-1661.18	2271.06	-16.28	1.111e+04	1187.86	2.407e+05
		2.407e+05	-456.29	2.30e-03	0.0	50.5	-1661.18	1067.28	-16.28	1.111e+04	365.79	3.250e+05

						101.0	-1661.18	-136.50	-16.28	1.111e+04	-456.29	3.485e+05
289	71	2.927e+05	1152.50	-0.02	-2127.11	0.0	-1477.96	1968.35	-15.46	7016.77	1152.50	2.008e+05
		2.008e+05	-408.67	2.22e-03	0.0	50.5	-1477.96	904.80	-15.46	7016.77	371.92	2.733e+05
						101.0	-1477.96	-158.75	-15.46	7016.77	-408.67	2.921e+05
289	72	3.208e+05	1170.18	-0.02	-2267.33	0.0	-1569.57	2119.71	-15.87	9061.10	1170.18	2.207e+05
		2.207e+05	-432.48	2.26e-03	0.0	50.5	-1569.57	986.04	-15.87	9061.10	368.85	2.991e+05
						101.0	-1569.57	-147.62	-15.87	9061.10	-432.48	3.203e+05
289	73	2.927e+05	1152.50	-0.02	-2127.11	0.0	-1477.96	1968.35	-15.46	7016.77	1152.50	2.008e+05
		2.008e+05	-408.67	2.22e-03	0.0	50.5	-1477.96	904.80	-15.46	7016.77	371.92	2.733e+05
						101.0	-1477.96	-158.75	-15.46	7016.77	-408.67	2.921e+05
289	74	3.096e+05	1163.11	-0.02	-2211.24	0.0	-1532.93	2059.16	-15.70	8243.37	1163.11	2.127e+05
		2.127e+05	-422.96	2.24e-03	0.0	50.5	-1532.93	953.54	-15.70	8243.37	370.08	2.888e+05
						101.0	-1532.93	-152.08	-15.70	8243.37	-422.96	3.090e+05
290	2	7.261e+05	1488.95	-0.04	-3185.91	0.0	-1928.59	2388.98	6.35	4.746e+04	847.86	6.357e+05
		6.357e+05	847.86	-1.13e-04	0.0	50.5	-1928.59	796.03	6.35	4.746e+04	1168.40	7.161e+05
						101.0	-1928.59	-796.93	6.35	4.746e+04	1488.95	7.161e+05
290	3	4.648e+05	1092.64	-0.03	-2127.11	0.0	-1291.81	1544.69	5.74	2.250e+04	512.70	4.082e+05
		4.082e+05	512.70	-1.62e-04	0.0	50.5	-1291.81	481.13	5.74	2.250e+04	802.67	4.594e+05
						101.0	-1291.81	-582.42	5.74	2.250e+04	1092.64	4.568e+05
290	9	6.080e+05	-3.605e+05	-0.02	-2211.24	0.0	-6598.68	-320.34	2031.73	-1.333e+05	-5.431e+05	6.080e+05
		4.536e+05	-5.431e+05	-0.08	0.0	50.5	-6598.68	-1425.96	2031.73	-1.333e+05	-4.518e+05	5.587e+05
						101.0	-6598.68	-2531.58	2031.73	-1.333e+05	-3.605e+05	4.536e+05
290	10	6.360e+05	-2.248e+05	-9.25e-03	-2211.24	0.0	-4408.35	-569.39	821.16	1.065e+05	-3.217e+05	6.360e+05
		4.493e+05	-3.217e+05	0.10	0.0	50.5	-4408.35	-1675.01	821.16	1.065e+05	-2.732e+05	5.705e+05
						101.0	-4408.35	-2780.63	821.16	1.065e+05	-2.248e+05	4.493e+05
290	11	5.133e+05	3.228e+05	-0.06	-2211.24	0.0	1725.03	3811.12	-810.12	-5.420e+04	3.228e+05	2.225e+05
		2.225e+05	2.270e+05	-0.10	0.0	50.5	1725.03	2705.50	-810.12	-5.420e+04	2.749e+05	3.958e+05
						101.0	1725.03	1599.88	-810.12	-5.420e+04	2.270e+05	5.133e+05
290	12	5.090e+05	5.441e+05	-0.04	-2211.24	0.0	3915.36	3562.06	-2020.69	1.856e+05	5.441e+05	2.505e+05
		2.505e+05	3.627e+05	0.08	0.0	50.5	3915.36	2456.44	-2020.69	1.856e+05	4.534e+05	4.077e+05
						101.0	3915.36	1350.82	-2020.69	1.856e+05	3.627e+05	5.090e+05
290	41	5.370e+05	-2.069e+05	-0.02	-2211.24	0.0	-4303.39	498.36	1132.22	-5.884e+04	-3.082e+05	5.326e+05
		4.653e+05	-3.082e+05	-0.04	0.0	50.5	-4303.39	-607.26	1132.22	-5.884e+04	-2.575e+05	5.269e+05
						101.0	-4303.39	-1712.88	1132.22	-5.884e+04	-2.069e+05	4.653e+05
290	42	5.495e+05	-1.305e+05	-0.02	-2211.24	0.0	-3148.36	363.80	493.68	6.762e+04	-1.889e+05	5.479e+05
		4.628e+05	-1.889e+05	0.05	0.0	50.5	-3148.36	-741.82	493.68	6.762e+04	-1.597e+05	5.333e+05
						101.0	-3148.36	-1847.44	493.68	6.762e+04	-1.305e+05	4.628e+05
290	43	4.997e+05	1.900e+05	-0.05	-2211.24	0.0	465.05	2877.93	-482.64	-1.534e+04	1.900e+05	3.106e+05
		3.106e+05	1.327e+05	-0.05	0.0	50.5	465.05	1772.31	-482.64	-1.534e+04	1.613e+05	4.331e+05
						101.0	465.05	666.69	-482.64	-1.534e+04	1.327e+05	4.997e+05
290	44	4.973e+05	3.093e+05	-0.04	-2211.24	0.0	1620.07	2743.37	-1121.18	1.111e+05	3.093e+05	3.259e+05
		3.259e+05	2.091e+05	0.04	0.0	50.5	1620.07	1637.75	-1121.18	1.111e+05	2.592e+05	4.395e+05
						101.0	1620.07	532.13	-1121.18	1.111e+05	2.091e+05	4.973e+05
290	69	4.648e+05	1092.64	-0.03	-2127.11	0.0	-1291.81	1544.69	5.74	2.250e+04	512.70	4.082e+05
		4.082e+05	512.70	-1.62e-04	0.0	50.5	-1291.81	481.13	5.74	2.250e+04	802.67	4.594e+05
						101.0	-1291.81	-582.42	5.74	2.250e+04	1092.64	4.568e+05
290	70	5.461e+05	1138.32	-0.03	-2407.55	0.0	-1457.97	1798.61	5.00	3.464e+04	633.60	4.782e+05
		4.782e+05	633.60	-9.69e-05	0.0	50.5	-1457.97	594.83	5.00	3.464e+04	885.96	5.386e+05
						101.0	-1457.97	-608.94	5.00	3.464e+04	1138.32	5.383e+05
290	71	4.648e+05	1092.64	-0.03	-2127.11	0.0	-1291.81	1544.69	5.74	2.250e+04	512.70	4.082e+05
		4.082e+05	512.70	-1.62e-04	0.0	50.5	-1291.81	481.13	5.74	2.250e+04	802.67	4.594e+05
						101.0	-1291.81	-582.42	5.74	2.250e+04	1092.64	4.568e+05
290	72	5.054e+05	1115.48	-0.03	-2267.33	0.0	-1374.89	1671.65	5.37	2.857e+04	573.15	4.432e+05
		4.432e+05	573.15	-1.29e-04	0.0	50.5	-1374.89	537.98	5.37	2.857e+04	844.31	4.990e+05
						101.0	-1374.89	-595.68	5.37	2.857e+04	1115.48	4.976e+05
290	73	4.648e+05	1092.64	-0.03	-2127.11	0.0	-1291.81	1544.69	5.74	2.250e+04	512.70	4.082e+05
		4.082e+05	512.70	-1.62e-04	0.0	50.5	-1291.81	481.13	5.74	2.250e+04	802.67	4.594e+05
						101.0	-1291.81	-582.42	5.74	2.250e+04	1092.64	4.568e+05
290	74	4.892e+05	1106.34	-0.03	-2211.24	0.0	-1341.66	1620.86	5.52	2.614e+04	548.97	4.292e+05
		4.292e+05	548.97	-1.42e-04	0.0	50.5	-1341.66	515.24	5.52	2.614e+04	827.65	4.832e+05
						101.0	-1341.66	-590.38	5.52	2.614e+04	1106.34	4.813e+05
291	1	1.878e+05	365.75	-2.91e-03	-823.64	0.0	-872.41	655.63	-13.95	-1041.33	365.75	1.613e+05
		1.613e+05	-1050.12	4.83e-04	0.0	50.8	-872.41	244.30	-13.95	-1041.33	-342.19	1.842e+05
						101.5	-872.41	-168.01	-13.95	-1041.33	-1050.12	1.861e+05
291	2	2.382e+05	310.85	-4.11e-03	-880.52	0.0	-941.74	761.70	-12.75	-3204.09	310.85	2.047e+05
		2.047e+05	-983.07	3.51e-04	0.0	50.8	-941.74	322.02	-12.75	-3204.09	-336.11	2.322e+05
						101.5	-941.74	-118.82	-12.75	-3204.09	-983.07	2.374e+05
291	3	1.445e+05	281.35	-2.24e-03	-633.57	0.0	-671.09	504.33	-10.73	-801.02	281.35	1.241e+05
		1.241e+05	-807.79	3.72e-04	0.0	50.8	-671.09	187.92	-10.73	-801.02	-263.22	1.417e+05
						101.5	-671.09	-129.24	-10.73	-801.02	-807.79	1.432e+05
291	14	1.665e+05	-1.107e+05	-0.03	-644.95	0.0	-3162.10	971.28	2346.19	-7.300e+04	-3.092e+05	1.145e+05
		1.145e+05	-3.092e+05	-0.14	0.0	50.8	-3162.10	649.20	2346.19	-7.300e+04	-2.100e+05	1.487e+05
						101.5	-3162.10	326.33	2346.19	-7.300e+04	-1.107e+05	1.665e+05
291	15	1.547e+05	3.098e+05	0.02	-644.95	0.0	1792.19	79.81	-2367.16	7.054e+04	3.098e+05	1.511e+05
		1.403e+05	1.091e+05	0.14	0.0	50.8	1792.19	-242.27	-2367.16	7.054e+04	2.094e+05	1.539e+05
						101.5	1792.19	-565.14	-2367.16	7.054e+04	1.091e+05	1.403e+05
291	18	1.735e+05	-1.116e+05	-0.03	-644.95	0.0	-2945.95	1214.06	2487.69	-7.815e+04	-3.202e+05	9.683e+04

		9.683e+04	-3.202e+05	-0.15	0.0	50.8	-2945.95	891.98	2487.69	-7.815e+04	-2.159e+05	1.434e+05
						101.5	-2945.95	569.11	2487.69	-7.815e+04	-1.116e+05	1.735e+05
291	19	1.687e+05	3.207e+05	0.03	-644.95	0.0	1576.05	-162.98	-2508.67	7.568e+04	3.207e+05	1.687e+05
		1.333e+05	1.100e+05	0.15	0.0	50.8	1576.05	-485.05	-2508.67	7.568e+04	2.154e+05	1.592e+05
						101.5	1576.05	-807.92	-2508.67	7.568e+04	1.100e+05	1.333e+05
291	30	2.546e+05	8688.62	-0.07	-644.95	0.0	-772.21	3927.60	3127.76	-3.672e+04	-2.792e+05	-1.441e+05
		-1.441e+05	-2.792e+05	-0.09	0.0	50.8	-772.21	3605.52	3127.76	-3.672e+04	-1.353e+05	6.346e+04
						101.5	-772.21	3282.65	3127.76	-3.672e+04	8688.62	2.546e+05
291	31	4.096e+05	2.798e+05	0.07	-644.95	0.0	-597.70	-2876.51	-3148.74	3.425e+04	2.798e+05	4.096e+05
		5.221e+04	-1.028e+04	0.09	0.0	50.8	-597.70	-3198.59	-3148.74	3.425e+04	1.347e+05	2.391e+05
						101.5	-597.70	-3521.46	-3148.74	3.425e+04	-1.028e+04	5.221e+04
291	46	1.601e+05	-6.422e+04	-0.01	-644.95	0.0	-2112.34	749.19	1321.04	-4.264e+04	-1.756e+05	1.247e+05
		1.247e+05	-1.756e+05	-0.08	0.0	50.8	-2112.34	427.12	1321.04	-4.264e+04	-1.199e+05	1.506e+05
						101.5	-2112.34	104.25	1321.04	-4.264e+04	-6.422e+04	1.601e+05
291	47	1.522e+05	1.761e+05	0.01	-644.95	0.0	742.44	301.89	-1342.02	4.018e+04	1.761e+05	1.408e+05
		1.408e+05	6.263e+04	0.08	0.0	50.8	742.44	-20.18	-1342.02	4.018e+04	1.194e+05	1.520e+05
						101.5	742.44	-343.05	-1342.02	4.018e+04	6.263e+04	1.467e+05
291	50	1.639e+05	-6.512e+04	-0.02	-644.95	0.0	-1988.69	880.15	1393.84	-4.559e+04	-1.814e+05	1.152e+05
		1.152e+05	-1.814e+05	-0.09	0.0	50.8	-1988.69	558.08	1393.84	-4.559e+04	-1.232e+05	1.477e+05
						101.5	-1988.69	235.21	1393.84	-4.559e+04	-6.512e+04	1.639e+05
291	51	1.552e+05	1.819e+05	0.02	-644.95	0.0	618.78	170.93	-1414.81	4.313e+04	1.819e+05	1.503e+05
		1.430e+05	6.353e+04	0.09	0.0	50.8	618.78	-151.15	-1414.81	4.313e+04	1.227e+05	1.548e+05
						101.5	618.78	-474.02	-1414.81	4.313e+04	6.353e+04	1.430e+05
291	62	2.076e+05	3120.57	-0.04	-644.95	0.0	-736.04	2342.55	1677.46	-2.169e+04	-1.501e+05	-1.649e+04
		-1.649e+04	-1.501e+05	-0.05	0.0	50.8	-736.04	2020.47	1677.46	-2.169e+04	-7.351e+04	1.037e+05
						101.5	-736.04	1697.60	1677.46	-2.169e+04	3120.57	2.076e+05
291	63	2.820e+05	1.507e+05	0.04	-644.95	0.0	-633.86	-1291.46	-1698.44	1.922e+04	1.507e+05	2.820e+05
		9.924e+04	-4709.33	0.05	0.0	50.8	-633.86	-1613.54	-1698.44	1.922e+04	7.298e+04	1.988e+05
						101.5	-633.86	-1936.41	-1698.44	1.922e+04	-4709.33	9.924e+04
291	69	1.445e+05	281.35	-2.24e-03	-633.57	0.0	-671.09	504.33	-10.73	-801.02	281.35	1.241e+05
		1.241e+05	-807.79	3.72e-04	0.0	50.8	-671.09	187.92	-10.73	-801.02	-263.22	1.417e+05
						101.5	-671.09	-129.24	-10.73	-801.02	-807.79	1.432e+05
291	70	1.780e+05	244.75	-3.04e-03	-671.49	0.0	-717.31	575.04	-9.93	-2242.87	244.75	1.530e+05
		1.530e+05	-763.09	2.84e-04	0.0	50.8	-717.31	239.74	-9.93	-2242.87	-259.17	1.737e+05
						101.5	-717.31	-96.45	-9.93	-2242.87	-763.09	1.774e+05
291	71	1.445e+05	281.35	-2.24e-03	-633.57	0.0	-671.09	504.33	-10.73	-801.02	281.35	1.241e+05
		1.241e+05	-807.79	3.72e-04	0.0	50.8	-671.09	187.92	-10.73	-801.02	-263.22	1.417e+05
						101.5	-671.09	-129.24	-10.73	-801.02	-807.79	1.432e+05
291	72	1.612e+05	263.05	-2.63e-03	-652.53	0.0	-694.20	539.69	-10.33	-1521.94	263.05	1.386e+05
		1.386e+05	-785.44	3.28e-04	0.0	50.8	-694.20	213.83	-10.33	-1521.94	-261.20	1.577e+05
						101.5	-694.20	-112.84	-10.33	-1521.94	-785.44	1.603e+05
291	73	1.445e+05	281.35	-2.24e-03	-633.57	0.0	-671.09	504.33	-10.73	-801.02	281.35	1.241e+05
		1.241e+05	-807.79	3.72e-04	0.0	50.8	-671.09	187.92	-10.73	-801.02	-263.22	1.417e+05
						101.5	-671.09	-129.24	-10.73	-801.02	-807.79	1.432e+05
291	74	1.545e+05	270.37	-2.48e-03	-644.95	0.0	-684.95	525.54	-10.49	-1233.57	270.37	1.328e+05
		1.328e+05	-794.38	3.45e-04	0.0	50.8	-684.95	203.47	-10.49	-1233.57	-262.01	1.513e+05
						101.5	-684.95	-119.40	-10.49	-1233.57	-794.38	1.534e+05
292	2	9.417e+04	864.94	-2.90e-03	-867.71	0.0	-761.04	315.83	-25.02	1.926e+04	864.94	8.834e+04
		7.636e+04	-1674.97	1.01e-03	0.0	50.8	-761.04	-118.03	-25.02	1.926e+04	-405.01	9.336e+04
						101.5	-761.04	-551.88	-25.02	1.926e+04	-1674.97	7.636e+04
292	3	5.681e+04	655.36	-2.01e-03	-625.27	0.0	-567.36	248.87	-17.76	1.244e+04	655.36	5.180e+04
		4.533e+04	-1147.61	7.12e-04	0.0	50.8	-567.36	-63.77	-17.76	1.244e+04	-246.12	5.650e+04
						101.5	-567.36	-376.40	-17.76	1.244e+04	-1147.61	4.533e+04
292	17	1.456e+05	-4.139e+04	0.02	-636.24	0.0	-2869.86	-1779.96	-4031.69	7.427e+04	-4.139e+04	1.456e+05
		-6.910e+04	-3.095e+05	0.14	0.0	50.8	-2869.86	-2098.08	-4031.69	7.427e+04	-1.754e+05	4.634e+04
						101.5	-2869.86	-2416.20	-4031.69	7.427e+04	-3.095e+05	-6.910e+04
292	20	1.667e+05	3.071e+05	-0.02	-636.24	0.0	1725.75	2274.61	3995.39	-4.815e+04	4.270e+04	3.364e+04
		-3.364e+04	4.270e+04	-0.14	0.0	50.8	1725.75	1956.49	3995.39	-4.815e+04	1.749e+05	7.462e+04
						101.5	1725.75	1638.37	3995.39	-4.815e+04	3.071e+05	1.667e+05
292	29	2.946e+05	1.210e+05	0.05	-636.24	0.0	-1697.34	-5389.33	-3851.97	-1.346e+04	1.210e+05	2.946e+05
		-2.854e+05	-3.430e+05	0.09	0.0	50.8	-1697.34	-5707.45	-3851.97	-1.346e+04	-1.110e+05	1.265e+04
						101.5	-1697.34	-6025.57	-3851.97	-1.346e+04	-3.430e+05	-2.854e+05
292	32	3.831e+05	3.407e+05	-0.05	-636.24	0.0	553.24	5883.98	3815.67	3.958e+04	-1.197e+05	-1.826e+05
		-1.826e+05	-1.197e+05	-0.09	0.0	50.8	553.24	5565.86	3815.67	3.958e+04	1.105e+05	1.083e+05
						101.5	553.24	5247.74	3815.67	3.958e+04	3.407e+05	3.831e+05
292	33	2.881e+05	1.687e+05	0.05	-636.24	0.0	-1763.21	-5234.20	-5675.23	2.675e+04	1.687e+05	2.881e+05
		-2.762e+05	-3.652e+05	0.17	0.0	50.8	-1763.21	-5552.32	-5675.23	2.675e+04	-9.824e+04	1.402e+04
						101.5	-1763.21	-5870.44	-5675.23	2.675e+04	-3.652e+05	-2.762e+05
292	36	3.738e+05	3.628e+05	-0.06	-636.24	0.0	619.11	5728.85	5638.94	-625.81	-1.674e+05	-1.761e+05
		-1.761e+05	-1.674e+05	-0.17	0.0	50.8	619.11	5410.73	5638.94	-625.81	9.772e+04	1.069e+05
						101.5	619.11	5092.61	5638.94	-625.81	3.628e+05	3.738e+05
292	49	1.048e+05	-2.643e+04	8.05e-03	-636.24	0.0	-1889.80	-852.89	-2261.57	4.838e+04	-2.643e+04	1.048e+05
		-1.505e+04	-1.746e+05	0.08	0.0	50.8	-1889.80	-1171.01	-2261.57	4.838e+04	-1.005e+05	5.296e+04
						101.5	-1889.80	-1489.13	-2261.57	4.838e+04	-1.746e+05	-1.505e+04
292	52	1.127e+05	1.722e+05	-0.01	-636.24	0.0	745.69	1347.54	2225.28	-2.226e+04	2.775e+04	7178.08
		7178.08	2.775e+04	-0.08	0.0	50.8	745.69	1029.42	2225.28	-2.226e+04	9.999e+04	6.800e+04
						101.5	745.69	711.30	2225.28	-2.226e+04	1.722e+05	1.127e+05

292	61	1.843e+05	6.057e+04	0.03	-636.24	0.0	-1196.37	-2785.32	-1994.07	-2146.81	6.057e+04	1.843e+05
		-1.311e+05	-1.841e+05	0.05	0.0	50.8	-1196.37	-3103.44	-1994.07	-2146.81	-6.176e+04	3.468e+04
						101.5	-1196.37	-3421.56	-1994.07	-2146.81	-1.841e+05	-1.311e+05
292	64	2.287e+05	1.817e+05	-0.03	-636.24	0.0	52.27	3279.97	1957.77	2.827e+04	-5.925e+04	-7.230e+04
		-7.230e+04	-5.925e+04	-0.05	0.0	50.8	52.27	2961.85	1957.77	2.827e+04	6.123e+04	8.628e+04
						101.5	52.27	2643.73	1957.77	2.827e+04	1.817e+05	2.287e+05
292	65	1.805e+05	8.817e+04	0.03	-636.24	0.0	-1235.48	-2695.63	-3047.09	2.101e+04	8.817e+04	1.805e+05
		-1.258e+05	-1.968e+05	0.10	0.0	50.8	-1235.48	-3013.75	-3047.09	2.101e+04	-5.432e+04	3.542e+04
						101.5	-1235.48	-3331.87	-3047.09	2.101e+04	-1.968e+05	-1.258e+05
292	68	2.234e+05	1.944e+05	-0.03	-636.24	0.0	91.38	3190.29	3010.80	5109.62	-8.685e+04	-6.849e+04
		-6.849e+04	-8.685e+04	-0.09	0.0	50.8	91.38	2872.17	3010.80	5109.62	5.379e+04	8.554e+04
						101.5	91.38	2554.05	3010.80	5109.62	1.944e+05	2.234e+05
292	69	5.681e+04	655.36	-2.01e-03	-625.27	0.0	-567.36	248.87	-17.76	1.244e+04	655.36	5.180e+04
		4.533e+04	-1147.61	7.12e-04	0.0	50.8	-567.36	-63.77	-17.76	1.244e+04	-246.12	5.650e+04
						101.5	-567.36	-376.40	-17.76	1.244e+04	-1147.61	4.533e+04
292	70	7.036e+04	664.01	-2.20e-03	-661.84	0.0	-583.01	243.73	-19.05	1.450e+04	664.01	6.580e+04
		5.695e+04	-1269.66	7.71e-04	0.0	50.8	-583.01	-87.19	-19.05	1.450e+04	-302.83	6.978e+04
						101.5	-583.01	-418.11	-19.05	1.450e+04	-1269.66	5.695e+04
292	71	5.681e+04	655.36	-2.01e-03	-625.27	0.0	-567.36	248.87	-17.76	1.244e+04	655.36	5.180e+04
		4.533e+04	-1147.61	7.12e-04	0.0	50.8	-567.36	-63.77	-17.76	1.244e+04	-246.12	5.650e+04
						101.5	-567.36	-376.40	-17.76	1.244e+04	-1147.61	4.533e+04
292	72	6.358e+04	659.69	-2.11e-03	-643.55	0.0	-575.18	246.30	-18.40	1.347e+04	659.69	5.880e+04
		5.114e+04	-1208.63	7.42e-04	0.0	50.8	-575.18	-75.48	-18.40	1.347e+04	-274.47	6.314e+04
						101.5	-575.18	-397.25	-18.40	1.347e+04	-1208.63	5.114e+04
292	73	5.681e+04	655.36	-2.01e-03	-625.27	0.0	-567.36	248.87	-17.76	1.244e+04	655.36	5.180e+04
		4.533e+04	-1147.61	7.12e-04	0.0	50.8	-567.36	-63.77	-17.76	1.244e+04	-246.12	5.650e+04
						101.5	-567.36	-376.40	-17.76	1.244e+04	-1147.61	4.533e+04
292	74	6.087e+04	657.96	-2.07e-03	-636.24	0.0	-572.05	247.33	-18.15	1.306e+04	657.96	5.600e+04
		4.881e+04	-1184.22	7.30e-04	0.0	50.8	-572.05	-70.79	-18.15	1.306e+04	-263.13	6.048e+04
						101.5	-572.05	-388.91	-18.15	1.306e+04	-1184.22	4.881e+04
293	1	1.393e+05	-270.30	4.08e-03	-812.85	0.0	-383.25	-517.89	-5.29	6.754e+04	-270.30	1.393e+05
		4.543e+04	-807.38	2.05e-05	0.0	50.8	-383.25	-924.31	-5.29	6.754e+04	-538.84	1.027e+05
						101.5	-383.25	-1330.73	-5.29	6.754e+04	-807.38	4.543e+04
293	2	1.705e+05	-198.24	6.30e-03	-867.71	0.0	-369.76	-721.64	-4.80	8.416e+04	-198.24	1.705e+05
		5.316e+04	-685.62	-1.30e-05	0.0	50.8	-369.76	-1155.49	-4.80	8.416e+04	-441.93	1.228e+05
						101.5	-369.76	-1589.35	-4.80	8.416e+04	-685.62	5.316e+04
293	3	1.071e+05	-207.93	3.14e-03	-625.27	0.0	-294.81	-398.38	-4.07	5.195e+04	-207.93	1.071e+05
		3.495e+04	-621.06	1.57e-05	0.0	50.8	-294.81	-711.01	-4.07	5.195e+04	-414.49	7.897e+04
						101.5	-294.81	-1023.64	-4.07	5.195e+04	-621.06	3.495e+04
293	4	1.383e+05	-135.86	5.35e-03	-680.13	0.0	-281.32	-602.12	-3.58	6.857e+04	-135.86	1.383e+05
		4.267e+04	-499.31	-1.58e-05	0.0	50.8	-281.32	-942.19	-3.58	6.857e+04	-317.58	9.912e+04
						101.5	-281.32	-1282.25	-3.58	6.857e+04	-499.31	4.267e+04
293	9	3.336e+04	-5.099e+05	0.01	-636.24	0.0	-1450.86	-2223.36	-4855.37	2.017e+05	-5.099e+05	3.336e+04
		-2.225e+05	-1.001e+06	0.29	0.0	50.8	-1450.86	-2541.48	-4855.37	2.017e+05	-7.552e+05	-8.647e+04
						101.5	-1450.86	-2859.60	-4855.37	2.017e+05	-1.001e+06	-2.225e+05
293	12	2.954e+05	9.993e+05	-6.00e-03	-636.24	0.0	866.64	1345.11	4847.43	-9.116e+04	5.095e+05	1.934e+05
		1.934e+05	5.095e+05	-0.29	0.0	50.8	866.64	1026.99	4847.43	-9.116e+04	7.544e+05	2.525e+05
						101.5	866.64	708.87	4847.43	-9.116e+04	9.993e+05	2.954e+05
293	29	-6.487e+04	-3.669e+05	5.77e-03	-636.24	0.0	-1143.38	-4421.00	-4233.39	9.044e+04	-3.669e+05	-6.487e+04
		-5.452e+05	-7.950e+05	0.10	0.0	50.8	-1143.38	-4739.12	-4233.39	9.044e+04	-5.810e+05	-2.970e+05
						101.5	-1143.38	-5057.24	-4233.39	9.044e+04	-7.950e+05	-5.452e+05
293	32	6.182e+05	7.938e+05	4.97e-03	-636.24	0.0	559.16	3542.75	4225.45	2.011e+04	3.665e+05	2.916e+05
		2.916e+05	3.665e+05	-0.10	0.0	50.8	559.16	3224.63	4225.45	2.011e+04	5.802e+05	4.930e+05
						101.5	559.16	2906.51	4225.45	2.011e+04	7.938e+05	6.182e+05
293	41	7.011e+04	-2.895e+05	7.95e-03	-636.24	0.0	-956.03	-1412.64	-2742.27	1.397e+05	-2.895e+05	7.011e+04
		-1.043e+05	-5.666e+05	0.17	0.0	50.8	-956.03	-1730.76	-2742.27	1.397e+05	-4.280e+05	-9009.49
						101.5	-956.03	-2048.88	-2742.27	1.397e+05	-5.666e+05	-1.043e+05
293	44	1.783e+05	5.654e+05	-3.03e-03	-636.24	0.0	371.81	534.39	2734.33	-2.918e+04	2.891e+05	1.566e+05
		1.566e+05	2.891e+05	-0.17	0.0	50.8	371.81	216.27	2734.33	-2.918e+04	4.272e+05	1.750e+05
						101.5	371.81	-101.85	2734.33	-2.918e+04	5.654e+05	1.773e+05
293	61	1.760e+04	-1.999e+05	4.00e-03	-636.24	0.0	-773.70	-2587.52	-2287.90	7.583e+04	-1.999e+05	1.760e+04
		-2.769e+05	-4.312e+05	0.06	0.0	50.8	-773.70	-2905.64	-2287.90	7.583e+04	-3.155e+05	-1.216e+05
						101.5	-773.70	-3223.76	-2287.90	7.583e+04	-4.312e+05	-2.769e+05
293	64	3.499e+05	4.300e+05	3.98e-03	-636.24	0.0	189.48	1709.27	2279.95	3.472e+04	1.995e+05	2.091e+05
		2.091e+05	1.995e+05	-0.06	0.0	50.8	189.48	1391.15	2279.95	3.472e+04	3.147e+05	2.876e+05
						101.5	189.48	1073.03	2279.95	3.472e+04	4.300e+05	3.499e+05
293	69	1.071e+05	-207.93	3.14e-03	-625.27	0.0	-294.81	-398.38	-4.07	5.195e+04	-207.93	1.071e+05
		3.495e+04	-621.06	1.57e-05	0.0	50.8	-294.81	-711.01	-4.07	5.195e+04	-414.49	7.897e+04
						101.5	-294.81	-1023.64	-4.07	5.195e+04	-621.06	3.495e+04
293	70	1.279e+05	-159.88	4.62e-03	-661.84	0.0	-285.82	-534.21	-3.74	6.303e+04	-159.88	1.279e+05
		4.010e+04	-539.89	-7.45e-06	0.0	50.8	-285.82	-865.13	-3.74	6.303e+04	-349.89	9.241e+04
						101.5	-285.82	-1196.05	-3.74	6.303e+04	-539.89	4.010e+04
293	71	1.071e+05	-207.93	3.14e-03	-625.27	0.0	-294.81	-398.38	-4.07	5.195e+04	-207.93	1.071e+05
		3.495e+04	-621.06	1.57e-05	0.0	50.8	-294.81	-711.01	-4.07	5.195e+04	-414.49	7.897e+04
						101.5	-294.81	-1023.64	-4.07	5.195e+04	-621.06	3.495e+04
293	72	1.175e+05	-183.90	3.88e-03	-643.55	0.0	-290.31	-466.29	-3.91	5.749e+04	-183.90	1.175e+05
		3.752e+04	-580.48	9.96e-06	0.0	50.8	-290.31	-788.07	-3.91	5.749e+04	-382.19	8.569e+04

						101.5	-290.31	-1109.85	-3.91	5.749e+04	-580.48	3.752e+04
293	73	1.071e+05	-207.93	3.14e-03	-625.27	0.0	-294.81	-398.38	-4.07	5.195e+04	-207.93	1.071e+05
		3.495e+04	-621.06	1.57e-05	0.0	50.8	-294.81	-711.01	-4.07	5.195e+04	-414.49	7.897e+04
						101.5	-294.81	-1023.64	-4.07	5.195e+04	-621.06	3.495e+04
293	74	1.134e+05	-193.51	3.58e-03	-636.24	0.0	-292.11	-439.13	-3.97	5.528e+04	-193.51	1.134e+05
		3.649e+04	-596.71	1.22e-05	0.0	50.8	-292.11	-757.24	-3.97	5.528e+04	-395.11	8.300e+04
						101.5	-292.11	-1075.36	-3.97	5.528e+04	-596.71	3.649e+04
294	1	1.550e+05	-125.37	0.03	-812.85	0.0	-344.51	-796.42	-10.83	5.085e+04	-125.37	1.550e+05
		3.294e+04	-1224.57	1.78e-04	0.0	50.8	-344.51	-1202.85	-10.83	5.085e+04	-674.97	1.043e+05
						101.5	-344.51	-1609.27	-10.83	5.085e+04	-1224.57	3.294e+04
294	2	1.879e+05	-166.00	0.04	-867.71	0.0	-326.51	-1127.44	-13.05	3.974e+04	-166.00	1.879e+05
		2.942e+04	-1490.89	3.62e-04	0.0	50.8	-326.51	-1561.30	-13.05	3.974e+04	-828.45	1.197e+05
						101.5	-326.51	-1995.16	-13.05	3.974e+04	-1490.89	2.942e+04
294	3	1.193e+05	-96.44	0.02	-625.27	0.0	-265.00	-612.63	-8.33	3.912e+04	-96.44	1.193e+05
		2.534e+04	-941.98	1.37e-04	0.0	50.8	-265.00	-925.27	-8.33	3.912e+04	-519.21	8.024e+04
						101.5	-265.00	-1237.90	-8.33	3.912e+04	-941.98	2.534e+04
294	4	1.521e+05	-137.07	0.03	-680.13	0.0	-247.01	-943.65	-10.55	2.800e+04	-137.07	1.521e+05
		2.181e+04	-1208.30	3.21e-04	0.0	50.8	-247.01	-1283.72	-10.55	2.800e+04	-672.68	9.560e+04
						101.5	-247.01	-1623.79	-10.55	2.800e+04	-1208.30	2.181e+04
294	21	-1.572e+05	5.682e+05	0.03	-636.24	0.0	522.85	-4182.66	4124.37	-9987.20	1.686e+05	-1.572e+05
		-6.139e+05	1.686e+05	-0.17	0.0	50.8	522.85	-4500.78	4124.37	-9987.20	3.684e+05	-3.775e+05
						101.5	522.85	-4818.90	4124.37	-9987.20	5.682e+05	-6.139e+05
294	24	6.632e+05	-1.688e+05	0.02	-636.24	0.0	-1045.66	2824.98	-4141.92	8.377e+04	-1.688e+05	6.089e+05
		4.089e+05	-5.702e+05	0.17	0.0	50.8	-1045.66	2506.86	-4141.92	8.377e+04	-3.695e+05	5.441e+05
						101.5	-1045.66	2188.74	-4141.92	8.377e+04	-5.702e+05	6.632e+05
294	25	-1.504e+05	5.901e+05	0.03	-636.24	0.0	463.49	-4116.49	4251.56	-1.737e+04	1.286e+05	-1.504e+05
		-6.003e+05	1.286e+05	-0.18	0.0	50.8	463.49	-4434.61	4251.56	-1.737e+04	5.901e+05	-6.003e+05
						101.5	463.49	-4752.73	4251.56	-1.737e+04	5.901e+05	-6.003e+05
294	28	6.495e+05	-1.289e+05	0.02	-636.24	0.0	-986.31	2758.82	-4269.11	9.115e+04	-1.289e+05	4.021e+05
		4.021e+05	-5.921e+05	0.18	0.0	50.8	-986.31	2440.70	-4269.11	9.115e+04	-3.605e+05	5.339e+05
						101.5	-986.31	2122.57	-4269.11	9.115e+04	-5.921e+05	6.495e+05
294	53	-2.759e+04	3.012e+05	0.03	-636.24	0.0	163.19	-2573.08	2187.89	1.157e+04	9.048e+04	-2.759e+04
		-3.210e+05	9.048e+04	-0.09	0.0	50.8	163.19	-2891.20	2187.89	1.157e+04	1.959e+05	-1.662e+05
						101.5	163.19	-3209.32	2187.89	1.157e+04	3.012e+05	-3.210e+05
294	56	3.703e+05	-9.069e+04	0.02	-636.24	0.0	-686.00	1215.41	-2205.44	6.221e+04	-9.069e+04	2.793e+05
		2.793e+05	-3.032e+05	0.09	0.0	50.8	-686.00	897.28	-2205.44	6.221e+04	-1.970e+05	3.328e+05
						101.5	-686.00	579.16	-2205.44	6.221e+04	-3.032e+05	3.703e+05
294	57	-2.364e+04	3.137e+05	0.03	-636.24	0.0	129.10	-2534.90	2261.37	7300.27	6.731e+04	-2.364e+04
		-3.131e+05	6.731e+04	-0.09	0.0	50.8	129.10	-2853.02	2261.37	7300.27	1.905e+05	-1.603e+05
						101.5	129.10	-3171.14	2261.37	7300.27	3.137e+05	-3.131e+05
294	60	3.624e+05	-6.752e+04	0.02	-636.24	0.0	-651.91	1177.22	-2278.92	6.648e+04	-6.752e+04	2.753e+05
		2.753e+05	-3.157e+05	0.10	0.0	50.8	-651.91	859.10	-2278.92	6.648e+04	-1.916e+05	3.269e+05
						101.5	-651.91	540.98	-2278.92	6.648e+04	-3.157e+05	3.624e+05
294	69	1.193e+05	-96.44	0.02	-625.27	0.0	-265.00	-612.63	-8.33	3.912e+04	-96.44	1.193e+05
		2.534e+04	-941.98	1.37e-04	0.0	50.8	-265.00	-925.27	-8.33	3.912e+04	-519.21	8.024e+04
						101.5	-265.00	-1237.90	-8.33	3.912e+04	-941.98	2.534e+04
294	70	1.412e+05	-123.53	0.03	-661.85	0.0	-253.01	-833.31	-9.81	3.171e+04	-123.53	1.412e+05
		2.299e+04	-1119.53	2.59e-04	0.0	50.8	-253.01	-1164.24	-9.81	3.171e+04	-621.53	9.048e+04
						101.5	-253.01	-1495.16	-9.81	3.171e+04	-1119.53	2.299e+04
294	71	1.193e+05	-96.44	0.02	-625.27	0.0	-265.00	-612.63	-8.33	3.912e+04	-96.44	1.193e+05
		2.534e+04	-941.98	1.37e-04	0.0	50.8	-265.00	-925.27	-8.33	3.912e+04	-519.21	8.024e+04
						101.5	-265.00	-1237.90	-8.33	3.912e+04	-941.98	2.534e+04
294	72	1.302e+05	-109.98	0.03	-643.56	0.0	-259.01	-722.97	-9.07	3.541e+04	-109.98	1.302e+05
		2.416e+04	-1030.75	1.98e-04	0.0	50.8	-259.01	-1044.75	-9.07	3.541e+04	-570.37	8.536e+04
						101.5	-259.01	-1366.53	-9.07	3.541e+04	-1030.75	2.416e+04
294	73	1.193e+05	-96.44	0.02	-625.27	0.0	-265.00	-612.63	-8.33	3.912e+04	-96.44	1.193e+05
		2.534e+04	-941.98	1.37e-04	0.0	50.8	-265.00	-925.27	-8.33	3.912e+04	-519.21	8.024e+04
						101.5	-265.00	-1237.90	-8.33	3.912e+04	-941.98	2.534e+04
294	74	1.258e+05	-104.56	0.02	-636.24	0.0	-261.41	-678.84	-8.77	3.689e+04	-104.56	1.258e+05
		2.463e+04	-995.24	1.73e-04	0.0	50.8	-261.41	-996.96	-8.77	3.689e+04	-549.90	8.331e+04
						101.5	-261.41	-1315.08	-8.77	3.689e+04	-995.24	2.463e+04
295	1	-1.002e+05	5876.37	-8.33e-04	-404.38	0.0	-515.63	-1731.19	32.30	-2.728e+04	4245.13	-1.002e+05
		-1.978e+05	4245.13	-6.46e-04	0.0	25.3	-515.63	-1933.38	32.30	-2.728e+04	5060.75	-1.465e+05
						50.5	-515.63	-2135.56	32.30	-2.728e+04	5876.37	-1.978e+05
295	2	-1.204e+05	7398.58	-1.08e-03	-431.67	0.0	-476.04	-2255.16	40.14	-5.323e+04	5371.67	-1.204e+05
		-2.452e+05	5371.67	-7.07e-04	0.0	25.3	-476.04	-2471.00	40.14	-5.323e+04	6385.13	-1.801e+05
						50.5	-476.04	-2686.83	40.14	-5.323e+04	7398.58	-2.452e+05
295	3	-7.707e+04	4520.29	-6.41e-04	-311.06	0.0	-396.64	-1331.68	24.85	-2.099e+04	3265.48	-7.707e+04
		-1.522e+05	3265.48	-4.97e-04	0.0	25.3	-396.64	-1487.21	24.85	-2.099e+04	3892.88	-1.127e+05
						50.5	-396.64	-1642.74	24.85	-2.099e+04	4520.29	-1.522e+05
295	4	-9.730e+04	6042.50	-8.90e-04	-338.35	0.0	-357.05	-1855.66	32.68	-4.693e+04	4392.03	-9.730e+04
		-1.996e+05	4392.03	-5.58e-04	0.0	25.3	-357.05	-2024.83	32.68	-4.693e+04	5217.26	-1.463e+05
						50.5	-357.05	-2194.01	32.68	-4.693e+04	6042.50	-1.996e+05
295	5	-5.348e+05	1.540e+06	-0.01	-316.52	0.0	814.07	-4633.63	8067.04	-1.419e+05	1.133e+06	-5.348e+05
		-7.768e+05	1.133e+06	-0.02	0.0	25.3	814.07	-4791.89	8067.04	-1.419e+05	1.336e+06	-6.538e+05
						50.5	814.07	-4950.15	8067.04	-1.419e+05	1.540e+06	-7.768e+05
295	8	4.535e+05	-1.126e+06	9.49e-03	-316.52	0.0	-1591.51	1760.68	-8014.22	8.956e+04	-1.126e+06	3.726e+05

		3.726e+05-1.530e+06	0.01	0.0	25.3	-1591.51	1602.42	-8014.22	8.956e+04	-1.328e+06	4.151e+05
					50.5	-1591.51	1444.16	-8014.22	8.956e+04	-1.530e+06	4.535e+05
295	13	-4.391e+05 1.361e+06	-0.01	-316.52	0.0	1582.15	-4006.24	7697.21	-1.231e+05	9.729e+05	-4.391e+05
		-6.493e+05 9.729e+05	-0.03	0.0	25.3	1582.15	-4164.50	7697.21	-1.231e+05	1.167e+06	-5.422e+05
					50.5	1582.15	-4322.76	7697.21	-1.231e+05	1.361e+06	-6.493e+05
295	16	3.260e+05-9.660e+05	9.19e-03	-316.52	0.0	-2359.59	1133.29	-7644.38	7.073e+04	-9.660e+05	2.769e+05
		2.769e+05-1.351e+06	0.02	0.0	25.3	-2359.59	975.03	-7644.38	7.073e+04	-1.159e+06	3.034e+05
					50.5	-2359.59	816.77	-7644.38	7.073e+04	-1.351e+06	3.260e+05
295	21	-1.044e+06 9.874e+05	-0.04	-316.52	0.0	547.28	-8157.95	5200.78	-1.537e+04	7.250e+05	-1.044e+06
		-1.464e+06 7.250e+05	0.07	0.0	25.3	547.28	-8316.20	5200.78	-1.537e+04	8.562e+05	-1.252e+06
					50.5	547.28	-8474.46	5200.78	-1.537e+04	9.874e+05	-1.464e+06
295	24	1.141e+06-7.180e+05	0.04	-316.52	0.0	-1324.71	5284.99	-5147.96	-3.698e+04	-7.180e+05	8.817e+05
		8.817e+05-9.777e+05	-0.07	0.0	25.3	-1324.71	5126.73	-5147.96	-3.698e+04	-8.479e+05	1.013e+06
					50.5	-1324.71	4968.47	-5147.96	-3.698e+04	-9.777e+05	1.141e+06
295	37	-3.322e+05 8.833e+05	-6.23e-03	-316.52	0.0	300.61	-3208.11	4628.25	-9.341e+04	6.499e+05	-3.322e+05
		-5.022e+05 6.499e+05	-9.86e-03	0.0	25.3	300.61	-3366.37	4628.25	-9.341e+04	7.666e+05	-4.152e+05
					50.5	300.61	-3524.62	4628.25	-9.341e+04	8.833e+05	-5.022e+05
295	40	1.789e+05-6.429e+05	4.84e-03	-316.52	0.0	-1078.05	335.15	-4575.42	4.106e+04	-6.429e+05	1.700e+05
		1.700e+05-8.736e+05	9.09e-03	0.0	25.3	-1078.05	176.89	-4575.42	4.106e+04	-7.788e+05	1.764e+05
					50.5	-1078.05	18.63	-4575.42	4.106e+04	-8.736e+05	1.789e+05
295	45	-2.765e+05 7.788e+05	-5.92e-03	-316.52	0.0	742.47	-2842.38	4407.61	-8.276e+04	5.567e+05	-2.765e+05
		-4.279e+05 5.567e+05	-0.02	0.0	25.3	742.47	-3000.63	4407.61	-8.276e+04	6.678e+05	-3.502e+05
					50.5	742.47	-3158.89	4407.61	-8.276e+04	7.788e+05	-4.279e+05
295	48	1.143e+05-5.497e+05	4.54e-03	-316.52	0.0	-1519.91	-30.58	-4354.78	3.040e+04	-5.497e+05	1.143e+05
		1.046e+05-7.692e+05	0.01	0.0	25.3	-1519.91	-188.84	-4354.78	3.040e+04	-6.594e+05	1.114e+05
					50.5	-1519.91	-347.10	-4354.78	3.040e+04	-7.692e+05	1.046e+05
295	53	-6.008e+05 5.442e+05	-0.02	-316.52	0.0	132.52	-5065.91	2865.72	-2.225e+04	3.996e+05	-6.008e+05
		-8.646e+05 3.996e+05	0.04	0.0	25.3	132.52	-5224.17	2865.72	-2.225e+04	4.719e+05	-7.307e+05
					50.5	132.52	-5382.43	2865.72	-2.225e+04	5.442e+05	-8.646e+05
295	56	5.413e+05-3.926e+05	0.02	-316.52	0.0	-909.96	2192.96	-2812.89	-3.010e+04	-3.926e+05	4.385e+05
		4.385e+05-5.345e+05	-0.04	0.0	25.3	-909.96	2034.70	-2812.89	-3.010e+04	-4.788e+05	4.919e+05
					50.5	-909.96	1876.44	-2812.89	-3.010e+04	-5.345e+05	5.413e+05
295	69	-7.707e+04 4520.29	-6.41e-04	-311.06	0.0	-396.64	-1331.68	24.85	-2.099e+04	3265.48	-7.707e+04
		-1.522e+05 3265.48	-4.97e-04	0.0	25.3	-396.64	-1487.21	24.85	-2.099e+04	3892.88	-1.127e+05
					50.5	-396.64	-1642.74	24.85	-2.099e+04	4520.29	-1.522e+05
295	70	-9.056e+04 5535.09	-8.07e-04	-329.25	0.0	-370.24	-1681.00	30.07	-3.828e+04	4016.51	-9.056e+04
		-1.838e+05 4016.51	-5.38e-04	0.0	25.3	-370.24	-1845.63	30.07	-3.828e+04	4775.80	-1.351e+05
					50.5	-370.24	-2010.25	30.07	-3.828e+04	5535.09	-1.838e+05
295	71	-7.707e+04 4520.29	-6.41e-04	-311.06	0.0	-396.64	-1331.68	24.85	-2.099e+04	3265.48	-7.707e+04
		-1.522e+05 3265.48	-4.97e-04	0.0	25.3	-396.64	-1487.21	24.85	-2.099e+04	3892.88	-1.127e+05
					50.5	-396.64	-1642.74	24.85	-2.099e+04	4520.29	-1.522e+05
295	72	-8.381e+04 5027.69	-7.24e-04	-320.16	0.0	-383.44	-1506.34	27.46	-2.964e+04	3641.00	-8.381e+04
		-1.680e+05 3641.00	-5.17e-04	0.0	25.3	-383.44	-1666.42	27.46	-2.964e+04	4334.34	-1.239e+05
					50.5	-383.44	-1826.50	27.46	-2.964e+04	5027.69	-1.680e+05
295	73	-7.707e+04 4520.29	-6.41e-04	-311.06	0.0	-396.64	-1331.68	24.85	-2.099e+04	3265.48	-7.707e+04
		-1.522e+05 3265.48	-4.97e-04	0.0	25.3	-396.64	-1487.21	24.85	-2.099e+04	3892.88	-1.127e+05
					50.5	-396.64	-1642.74	24.85	-2.099e+04	4520.29	-1.522e+05
295	74	-8.111e+04 4824.73	-6.91e-04	-316.52	0.0	-388.72	-1436.48	26.41	-2.618e+04	3490.79	-8.111e+04
		-1.617e+05 3490.79	-5.09e-04	0.0	25.3	-388.72	-1594.74	26.41	-2.618e+04	4157.76	-1.194e+05
					50.5	-388.72	-1752.99	26.41	-2.618e+04	4824.73	-1.617e+05
296	1	6570.05 -6087.02	6.57e-03	-611.36	0.0	-590.20	-1471.09	-35.20	-8385.32	-6087.02	6570.05
		-1.291e+05 -8774.70	-1.67e-04	0.0	38.2	-590.20	-1776.77	-35.20	-8385.32	-7430.86	-5.542e+04
					76.4	-590.20	-2082.45	-35.20	-8385.32	-8774.70	-1.291e+05
296	2	5303.70 -6698.83	8.57e-03	-652.62	0.0	-568.52	-1986.77	-38.67	-3.338e+04	-6698.83	5303.70
		-1.713e+05 -9651.05	-1.78e-04	0.0	38.2	-568.52	-2313.09	-38.67	-3.338e+04	-8174.94	-7.677e+04
					76.4	-568.52	-2639.40	-38.67	-3.338e+04	-9651.05	-1.713e+05
296	3	5053.88 -4682.32	5.06e-03	-470.28	0.0	-454.00	-1131.61	-27.08	-6450.24	-4682.32	5053.88
		-9.930e+04 -6749.77	-1.29e-04	0.0	38.2	-454.00	-1366.75	-27.08	-6450.24	-5716.05	-4.263e+04
					76.4	-454.00	-1601.88	-27.08	-6450.24	-6749.77	-9.930e+04
296	4	3787.53 -5294.14	7.05e-03	-511.54	0.0	-432.32	-1647.29	-30.54	-3.144e+04	-5294.14	3787.53
		-1.415e+05 -7626.12	-1.39e-04	0.0	38.2	-432.32	-1903.06	-30.54	-3.144e+04	-6460.13	-6.398e+04
					76.4	-432.32	-2158.83	-30.54	-3.144e+04	-7626.12	-1.415e+05
296	10	5.049e+04 3.910e+05	0.01	-478.53	0.0	2531.35	-975.13	2218.81	-8.818e+04	2.363e+05	5.049e+04
		-4.186e+04 2.363e+05	-0.09	0.0	38.2	2531.35	-1214.40	2218.81	-8.818e+04	3.136e+05	8880.78
					76.4	2531.35	-1453.66	2218.81	-8.818e+04	3.910e+05	-4.186e+04
296	11	-4.088e+04 -2.459e+05	-2.58e-03	-478.53	0.0	-3430.69	-1494.36	-2274.35	6.528e+04	-2.459e+05	-4.088e+04
		-1.736e+05 -4.048e+05	0.09	0.0	38.2	-3430.69	-1733.62	-2274.35	6.528e+04	-3.253e+05	-1.027e+05
					76.4	-3430.69	-1972.89	-2274.35	6.528e+04	-4.048e+05	-1.736e+05
296	21	-7.666e+05 1.383e+06	-0.03	-478.53	0.0	173.77	-6191.00	5904.91	-2.012e+04	9.364e+05	-7.666e+05
		-1.257e+06 9.364e+05	-0.01	0.0	38.2	173.77	-6400.27	5904.91	-2.012e+04	1.160e+06	-1.007e+06
					76.4	173.77	-6669.53	5904.91	-2.012e+04	1.383e+06	-1.257e+06
296	24	1.042e+06 -9.460e+05	0.04	-478.53	0.0	-1073.10	3721.51	-5960.46	-2773.56	-9.460e+05	7.762e+05
		7.762e+05 -1.397e+06	0.01	0.0	38.2	-1073.10	3482.25	-5960.46	-2773.56	-1.171e+06	9.136e+05
					76.4	-1073.10	3242.98	-5960.46	-2773.56	-1.397e+06	1.042e+06
296	26	1.007e+06 -9.837e+05	0.04	-478.53	0.0	554.39	3560.33	-4109.43	-8000.27	-9.837e+05	7.537e+05
		7.537e+05 -1.417e+06	-0.04	0.0	38.2	554.39	3321.06	-4109.43	-8000.27	-1.200e+06	8.849e+05
					76.4	554.39	3081.80	-4109.43	-8000.27	-1.417e+06	1.007e+06

296	27	-7.441e+05	1.403e+06	-0.03	-478.53	0.0	-1453.72	-6029.81	4053.89	-1.490e+04	9.741e+05	-7.441e+05
		-1.222e+06	9.741e+05	0.04	0.0	38.2	-1453.72	-6269.08	4053.89	-1.490e+04	1.188e+06	-9.787e+05
						76.4	-1453.72	-6508.34	4053.89	-1.490e+04	1.403e+06	-1.222e+06
296	42	2.542e+04	2.388e+05	9.59e-03	-478.53	0.0	1266.30	-1125.64	1336.25	-5.556e+04	1.451e+05	2.542e+04
		-7.858e+04	1.451e+05	-0.05	0.0	38.2	1266.30	-1364.91	1336.25	-5.556e+04	1.920e+05	-2.201e+04
						76.4	1266.30	-1604.17	1336.25	-5.556e+04	2.388e+05	-7.858e+04
296	43	-1.582e+04	-1.548e+05	1.50e-03	-478.53	0.0	-2165.64	-1343.84	-1391.80	3.267e+04	-1.548e+05	-1.582e+04
		-1.369e+05	-2.526e+05	0.05	0.0	38.2	-2165.64	-1583.11	-1391.80	3.267e+04	-2.037e+05	-7.179e+04
						76.4	-2165.64	-1822.37	-1391.80	3.267e+04	-2.526e+05	-1.369e+05
296	53	-4.108e+05	7.386e+05	-0.01	-478.53	0.0	-82.87	-3904.57	3162.75	-1.650e+04	4.996e+05	-4.108e+05
		-7.271e+05	4.996e+05	-7.28e-03	0.0	38.2	-82.87	-4143.83	3162.75	-1.650e+04	6.191e+05	-5.644e+05
						76.4	-82.87	-4383.10	3162.75	-1.650e+04	7.386e+05	-7.271e+05
296	56	5.116e+05	-5.092e+05	0.03	-478.53	0.0	-816.46	1435.08	-3218.29	-6401.17	-5.092e+05	4.204e+05
		4.204e+05	-7.524e+05	7.31e-03	0.0	38.2	-816.46	1195.82	-3218.29	-6401.17	-6.308e+05	4.706e+05
						76.4	-816.46	956.55	-3218.29	-6401.17	-7.524e+05	5.116e+05
296	58	4.914e+05	-5.307e+05	0.02	-478.53	0.0	122.01	1341.49	-2149.11	-9380.33	-5.307e+05	4.074e+05
		4.074e+05	-7.635e+05	-0.02	0.0	38.2	122.01	1102.23	-2149.11	-9380.33	-6.471e+05	4.540e+05
						76.4	122.01	862.96	-2149.11	-9380.33	-7.635e+05	4.914e+05
296	59	-3.978e+05	7.496e+05	-0.01	-478.53	0.0	-1021.34	-3810.98	2093.57	-1.352e+04	5.211e+05	-3.978e+05
		-7.068e+05	5.211e+05	0.02	0.0	38.2	-1021.34	-4050.25	2093.57	-1.352e+04	6.354e+05	-5.478e+05
						76.4	-1021.34	-4289.51	2093.57	-1.352e+04	7.496e+05	-7.068e+05
296	69	5053.88	-4682.32	5.06e-03	-470.28	0.0	-454.00	-1131.61	-27.08	-6450.24	-4682.32	5053.88
		-9.930e+04	-6749.77	-1.29e-04	0.0	38.2	-454.00	-1366.75	-27.08	-6450.24	-5716.05	-4.263e+04
						76.4	-454.00	-1601.88	-27.08	-6450.24	-6749.77	-9.930e+04
296	70	4209.65	-5090.20	6.39e-03	-497.79	0.0	-439.55	-1475.40	-29.39	-2.311e+04	-5090.20	4209.65
		-1.274e+05	-7334.00	-1.36e-04	0.0	38.2	-439.55	-1724.29	-29.39	-2.311e+04	-6212.10	-5.687e+04
						76.4	-439.55	-1973.18	-29.39	-2.311e+04	-7334.00	-1.274e+05
296	71	5053.88	-4682.32	5.06e-03	-470.28	0.0	-454.00	-1131.61	-27.08	-6450.24	-4682.32	5053.88
		-9.930e+04	-6749.77	-1.29e-04	0.0	38.2	-454.00	-1366.75	-27.08	-6450.24	-5716.05	-4.263e+04
						76.4	-454.00	-1601.88	-27.08	-6450.24	-6749.77	-9.930e+04
296	72	4631.77	-4886.26	5.72e-03	-484.03	0.0	-446.77	-1303.50	-28.23	-1.478e+04	-4886.26	4631.77
		-1.134e+05	-7041.88	-1.32e-04	0.0	38.2	-446.77	-1545.52	-28.23	-1.478e+04	-5964.07	-4.975e+04
						76.4	-446.77	-1787.53	-28.23	-1.478e+04	-7041.88	-1.134e+05
296	73	5053.88	-4682.32	5.06e-03	-470.28	0.0	-454.00	-1131.61	-27.08	-6450.24	-4682.32	5053.88
		-9.930e+04	-6749.77	-1.29e-04	0.0	38.2	-454.00	-1366.75	-27.08	-6450.24	-5716.05	-4.263e+04
						76.4	-454.00	-1601.88	-27.08	-6450.24	-6749.77	-9.930e+04
296	74	4800.61	-4804.69	5.46e-03	-478.53	0.0	-449.67	-1234.74	-27.77	-1.145e+04	-4804.69	4800.61
		-1.077e+05	-6925.04	-1.31e-04	0.0	38.2	-449.67	-1474.01	-27.77	-1.145e+04	-5864.86	-4.690e+04
						76.4	-449.67	-1713.27	-27.77	-1.145e+04	-6925.04	-1.077e+05
297	1	3.087e+04	-1753.86	7.16e-03	-812.85	0.0	-371.68	-1506.33	-10.13	-7.585e+04	-1753.86	3.087e+04
		-1.633e+05	-2781.73	-1.74e-04	0.0	50.8	-371.68	-1912.76	-10.13	-7.585e+04	-2267.80	-5.590e+04
						101.5	-371.68	-2319.18	-10.13	-7.585e+04	-2781.73	-1.633e+05
297	2	3.557e+04	-1963.43	9.77e-03	-867.71	0.0	-337.06	-1999.72	-11.25	-1.052e+05	-1963.43	3.557e+04
		-2.115e+05	-3105.09	-1.68e-04	0.0	50.8	-337.06	-2433.57	-11.25	-1.052e+05	-2534.26	-7.694e+04
						101.5	-337.06	-2867.43	-11.25	-1.052e+05	-3105.09	-2.115e+05
297	3	2.375e+04	-1349.12	5.51e-03	-625.27	0.0	-285.91	-1158.72	-7.79	-5.834e+04	-1349.12	2.375e+04
		-1.256e+05	-2139.80	-1.34e-04	0.0	50.8	-285.91	-1471.35	-7.79	-5.834e+04	-1744.46	-4.300e+04
						101.5	-285.91	-1783.99	-7.79	-5.834e+04	-2139.80	-1.256e+05
297	4	2.845e+04	-1558.70	8.12e-03	-680.13	0.0	-251.29	-1652.10	-8.91	-8.772e+04	-1558.70	2.845e+04
		-1.738e+05	-2463.15	-1.27e-04	0.0	50.8	-251.29	-1992.17	-8.91	-8.772e+04	-2010.92	-6.404e+04
						101.5	-251.29	-2332.23	-8.91	-8.772e+04	-2463.15	-1.738e+05
297	6	3.031e+05	-1.030e+06	0.02	-636.24	0.0	826.68	606.19	-4691.85	8.148e+04	-1.030e+06	2.744e+05
		2.744e+05	-1.505e+06	0.12	0.0	50.8	826.68	288.07	-4691.85	8.148e+04	-1.268e+06	2.968e+05
						101.5	826.68	-30.05	-4691.85	8.148e+04	-1.505e+06	3.030e+05
297	7	-2.251e+05	1.501e+06	-4.70e-03	-636.24	0.0	-1384.65	-3120.97	4675.82	-2.099e+05	1.028e+06	-2.251e+05
		-5.735e+05	1.028e+06	-0.12	0.0	50.8	-1384.65	-3439.10	4675.82	-2.099e+05	1.264e+06	-3.912e+05
						101.5	-1384.65	-3757.22	4675.82	-2.099e+05	1.501e+06	-5.735e+05
297	9	-4101.16	-7.316e+05	-0.02	-636.24	0.0	1050.42	-1420.89	-3028.43	8.649e+04	-7.316e+05	-4101.16
		-1.812e+05	-1.037e+06	0.15	0.0	50.8	1050.42	-1739.01	-3028.43	8.649e+04	-8.845e+05	-8.457e+04
						101.5	1050.42	-2057.14	-3028.43	8.649e+04	-1.037e+06	-1.812e+05
297	12	5.348e+04	1.033e+06	0.03	-636.24	0.0	-1608.38	-1093.89	3012.40	-2.149e+05	7.288e+05	5.348e+04
		-8.931e+04	7.288e+05	-0.15	0.0	50.8	-1608.38	-1412.01	3012.40	-2.149e+05	8.809e+05	-9842.15
						101.5	-1608.38	-1730.13	3012.40	-2.149e+05	1.033e+06	-8.931e+04
297	22	8.362e+05	-7.975e+05	0.07	-636.24	0.0	-235.07	2839.54	-4127.23	-2.781e+04	-7.975e+05	5.807e+05
		5.807e+05	-1.216e+06	0.02	0.0	50.8	-235.07	2521.41	-4127.23	-2.781e+04	-1.007e+06	7.165e+05
						101.5	-235.07	2203.29	-4127.23	-2.781e+04	-1.216e+06	8.362e+05
297	23	-5.313e+05	1.211e+06	-0.05	-636.24	0.0	-322.90	-5354.32	4111.21	-1.006e+05	7.948e+05	-5.313e+05
		-1.107e+06	7.948e+05	-0.02	0.0	50.8	-322.90	-5672.44	4111.21	-1.006e+05	1.003e+06	-8.110e+05
						101.5	-322.90	-5990.56	4111.21	-1.006e+05	1.211e+06	-1.107e+06
297	38	1.605e+05	-5.843e+05	0.01	-636.24	0.0	365.63	-237.72	-2651.67	1.981e+04	-5.843e+05	1.605e+05
		1.037e+05	-8.524e+05	0.07	0.0	50.8	365.63	-555.84	-2651.67	1.981e+04	-7.184e+05	1.401e+05
						101.5	365.63	-873.96	-2651.67	1.981e+04	-8.524e+05	1.037e+05
297	39	-1.111e+05	8.480e+05	4.02e-03	-636.24	0.0	-923.60	-2277.07	2635.65	-1.482e+05	5.815e+05	-1.111e+05
		-3.742e+05	5.815e+05	-0.07	0.0	50.8	-923.60	-2595.19	2635.65	-1.482e+05	7.148e+05	-2.346e+05
						101.5	-923.60	-2913.31	2635.65	-1.482e+05	8.480e+05	-3.742e+05
297	41	1.057e+04	-4.266e+05	-6.66e-03	-636.24	0.0	491.08	-1332.85	-1774.06	2.258e+04	-4.266e+05	1.057e+04
		-1.574e+05	-6.057e+05	0.09	0.0	50.8	491.08	-1650.97	-1774.06	2.258e+04	-5.162e+05	-6.532e+04

						101.5	491.08	-1969.09	-1774.06	2.258e+04	-6.057e+05	-1.574e+05
297	44	3.881e+04	6.013e+05	0.02	-636.24	0.0	-1049.05	-1181.94	1758.04	-1.510e+05	4.239e+05	3.881e+04
		-1.131e+05	4.239e+05	-0.09	0.0	50.8	-1049.05	-1500.06	1758.04	-1.510e+05	5.126e+05	-2.909e+04
						101.5	-1049.05	-1818.18	1758.04	-1.510e+05	6.013e+05	-1.131e+05
297	54	3.896e+05	-4.334e+05	0.04	-636.24	0.0	-240.97	961.52	-2232.19	-4.295e+04	-4.334e+05	3.246e+05
		3.246e+05	-6.595e+05	0.01	0.0	50.8	-240.97	643.40	-2232.19	-4.295e+04	-5.465e+05	3.652e+05
						101.5	-240.97	325.28	-2232.19	-4.295e+04	-6.595e+05	3.896e+05
297	55	-2.752e+05	6.551e+05	-0.03	-636.24	0.0	-317.00	-3476.30	2216.16	-8.549e+04	4.306e+05	-2.752e+05
		-6.601e+05	4.306e+05	-0.01	0.0	50.8	-317.00	-3794.43	2216.16	-8.549e+04	5.429e+05	-4.596e+05
						101.5	-317.00	-4112.55	2216.16	-8.549e+04	6.551e+05	-6.601e+05
297	69	2.375e+04	-1349.12	5.51e-03	-625.27	0.0	-285.91	-1158.72	-7.79	-5.834e+04	-1349.12	2.375e+04
		-1.256e+05	-2139.80	-1.34e-04	0.0	50.8	-285.91	-1471.35	-7.79	-5.834e+04	-1744.46	-4.300e+04
						101.5	-285.91	-1783.99	-7.79	-5.834e+04	-2139.80	-1.256e+05
297	70	2.688e+04	-1488.84	7.25e-03	-661.85	0.0	-262.83	-1487.64	-8.54	-7.793e+04	-1488.84	2.688e+04
		-1.577e+05	-2355.37	-1.30e-04	0.0	50.8	-262.83	-1818.56	-8.54	-7.793e+04	-1922.10	-5.703e+04
						101.5	-262.83	-2149.48	-8.54	-7.793e+04	-2355.37	-1.577e+05
297	71	2.375e+04	-1349.12	5.51e-03	-625.27	0.0	-285.91	-1158.72	-7.79	-5.834e+04	-1349.12	2.375e+04
		-1.256e+05	-2139.80	-1.34e-04	0.0	50.8	-285.91	-1471.35	-7.79	-5.834e+04	-1744.46	-4.300e+04
						101.5	-285.91	-1783.99	-7.79	-5.834e+04	-2139.80	-1.256e+05
297	72	2.532e+04	-1418.98	6.38e-03	-643.56	0.0	-274.37	-1323.18	-8.16	-6.813e+04	-1418.98	2.532e+04
		-1.417e+05	-2247.58	-1.32e-04	0.0	50.8	-274.37	-1644.96	-8.16	-6.813e+04	-1833.28	-5.001e+04
						101.5	-274.37	-1966.74	-8.16	-6.813e+04	-2247.58	-1.417e+05
297	73	2.375e+04	-1349.12	5.51e-03	-625.27	0.0	-285.91	-1158.72	-7.79	-5.834e+04	-1349.12	2.375e+04
		-1.256e+05	-2139.80	-1.34e-04	0.0	50.8	-285.91	-1471.35	-7.79	-5.834e+04	-1744.46	-4.300e+04
						101.5	-285.91	-1783.99	-7.79	-5.834e+04	-2139.80	-1.256e+05
297	74	2.469e+04	-1391.04	6.03e-03	-636.24	0.0	-278.98	-1257.39	-8.01	-6.422e+04	-1391.04	2.469e+04
		-1.352e+05	-2204.47	-1.33e-04	0.0	50.8	-278.98	-1575.51	-8.01	-6.422e+04	-1797.75	-4.721e+04
						101.5	-278.98	-1893.64	-8.01	-6.422e+04	-2204.47	-1.352e+05
298	1	3.640e+05	807.72	-0.06	-1997.41	0.0	-1482.29	3657.51	11.01	-3.120e+04	-303.96	9.548e+04
		9.548e+04	-303.96	-1.06e-03	0.0	50.5	-1482.29	2658.81	11.01	-3.120e+04	251.88	2.550e+05
						101.0	-1482.29	1660.10	11.01	-3.120e+04	807.72	3.640e+05
298	2	4.401e+05	70.59	-0.08	-2274.41	0.0	-1687.62	4429.40	15.89	-6.056e+04	-1533.97	1.076e+05
		1.076e+05	-1533.97	-1.17e-03	0.0	50.5	-1687.62	3292.19	15.89	-6.056e+04	-731.69	3.026e+05
						101.0	-1687.62	2154.98	15.89	-6.056e+04	70.59	4.401e+05
298	3	2.800e+05	621.32	-0.05	-1536.47	0.0	-1140.22	2813.47	8.47	-2.400e+04	-233.81	7.344e+04
		7.344e+04	-233.81	-8.12e-04	0.0	50.5	-1140.22	2045.24	8.47	-2.400e+04	193.75	1.961e+05
						101.0	-1140.22	1277.00	8.47	-2.400e+04	621.32	2.800e+05
298	17	4.934e+05	2.568e+05	-0.06	-1591.87	0.0	-4348.13	1283.15	-531.84	-1.816e+05	2.568e+05	4.410e+05
		4.410e+05	1.952e+05	-0.10	0.0	50.5	-4348.13	487.22	-531.84	-1.816e+05	2.260e+05	4.858e+05
						101.0	-4348.13	-308.72	-531.84	-1.816e+05	1.952e+05	4.904e+05
298	20	1.001e+05	-1.943e+05	-0.05	-1591.87	0.0	1985.55	4652.54	550.72	1.218e+05	-2.578e+05	-2.893e+05
		-2.893e+05	-2.578e+05	0.10	0.0	50.5	1985.55	3856.61	550.72	1.218e+05	-2.260e+05	-7.450e+04
						101.0	1985.55	3060.67	550.72	1.218e+05	-1.943e+05	1.001e+05
298	34	2.926e+05	7.707e+05	-0.08	-1591.87	0.0	-8607.38	2891.39	-2777.64	3.637e+05	7.707e+05	8.115e+04
		8.115e+04	5.186e+05	0.22	0.0	50.5	-8607.38	2095.45	-2777.64	3.637e+05	6.447e+05	2.069e+05
						101.0	-8607.38	1299.52	-2777.64	3.637e+05	5.186e+05	2.926e+05
298	35	2.979e+05	-5.177e+05	-0.02	-1591.87	0.0	6244.80	3044.31	2796.53	-4.235e+05	-7.717e+05	7.058e+04
		7.058e+04	-7.717e+05	-0.22	0.0	50.5	6244.80	2248.37	2796.53	-4.235e+05	-6.447e+05	2.043e+05
						101.0	6244.80	1452.44	2796.53	-4.235e+05	-5.177e+05	2.979e+05
298	49	4.074e+05	1.570e+05	-0.06	-1591.87	0.0	-3095.97	1999.52	-338.27	-1.112e+05	1.570e+05	2.858e+05
		2.858e+05	1.179e+05	-0.05	0.0	50.5	-3095.97	1203.59	-338.27	-1.112e+05	1.374e+05	3.667e+05
						101.0	-3095.97	407.65	-338.27	-1.112e+05	1.179e+05	4.074e+05
298	52	1.831e+05	-1.169e+05	-0.05	-1591.87	0.0	733.39	3936.17	357.15	5.146e+04	-1.579e+05	-1.340e+05
		-1.340e+05	-1.579e+05	0.05	0.0	50.5	733.39	3140.24	357.15	5.146e+04	-1.374e+05	4.461e+04
						101.0	733.39	2344.30	357.15	5.146e+04	-1.169e+05	1.831e+05
298	66	2.949e+05	4.143e+05	-0.07	-1591.87	0.0	-5170.84	2912.69	-1482.68	1.772e+05	4.143e+05	8.123e+04
		8.123e+04	2.822e+05	0.11	0.0	50.5	-5170.84	2116.75	-1482.68	1.772e+05	3.482e+05	2.082e+05
						101.0	-5170.84	1320.82	-1482.68	1.772e+05	2.822e+05	2.949e+05
298	67	2.956e+05	-2.813e+05	-0.04	-1591.87	0.0	2808.26	3023.01	1501.57	-2.370e+05	-4.152e+05	7.050e+04
		7.050e+04	-4.152e+05	-0.11	0.0	50.5	2808.26	2227.07	1501.57	-2.370e+05	-3.482e+05	2.031e+05
						101.0	2808.26	1431.14	1501.57	-2.370e+05	-2.813e+05	2.956e+05
298	69	2.800e+05	621.32	-0.05	-1536.47	0.0	-1140.22	2813.47	8.47	-2.400e+04	-233.81	7.344e+04
		7.344e+04	-233.81	-8.12e-04	0.0	50.5	-1140.22	2045.24	8.47	-2.400e+04	193.75	1.961e+05
						101.0	-1140.22	1277.00	8.47	-2.400e+04	621.32	2.800e+05
298	70	3.307e+05	129.90	-0.06	-1721.14	0.0	-1277.11	3328.06	11.72	-4.357e+04	-1053.82	8.152e+04
		8.152e+04	-1053.82	-8.90e-04	0.0	50.5	-1277.11	2467.49	11.72	-4.357e+04	-461.96	2.279e+05
						101.0	-1277.11	1606.92	11.72	-4.357e+04	129.90	3.307e+05
298	71	2.800e+05	621.32	-0.05	-1536.47	0.0	-1140.22	2813.47	8.47	-2.400e+04	-233.81	7.344e+04
		7.344e+04	-233.81	-8.12e-04	0.0	50.5	-1140.22	2045.24	8.47	-2.400e+04	193.75	1.961e+05
						101.0	-1140.22	1277.00	8.47	-2.400e+04	621.32	2.800e+05
298	72	3.054e+05	375.61	-0.05	-1628.80	0.0	-1208.67	3070.77	10.09	-3.379e+04	-643.82	7.748e+04
		7.748e+04	-643.82	-8.51e-04	0.0	50.5	-1208.67	2256.36	10.09	-3.379e+04	-134.10	2.120e+05
						101.0	-1208.67	1441.96	10.09	-3.379e+04	375.61	3.054e+05
298	73	2.800e+05	621.32	-0.05	-1536.47	0.0	-1140.22	2813.47	8.47	-2.400e+04	-233.81	7.344e+04
		7.344e+04	-233.81	-8.12e-04	0.0	50.5	-1140.22	2045.24	8.47	-2.400e+04	193.75	1.961e+05
						101.0	-1140.22	1277.00	8.47	-2.400e+04	621.32	2.800e+05
298	74	2.952e+05	473.90	-0.05	-1591.87	0.0	-1181.29	2967.85	9.44	-2.987e+04	-479.82	7.587e+04

		7.587e+04	-479.82	-8.35e-04	0.0	50.5	-1181.29	2171.91	9.44 -2.987e+04	-2.96	2.056e+05
						101.0	-1181.29	1375.98	9.44 -2.987e+04	473.90	2.952e+05
299	2	2.741e+05	4570.79	-0.07	-2510.89	0.0	-2371.92	5685.77	-24.68 -3.090e+04	4570.79	-1.752e+05
		-1.752e+05	2077.73	2.86e-03	0.0	50.5	-2371.92	4457.60	-24.68 -3.090e+04	3324.26	8.115e+04
						101.0	-2371.92	3174.87	-24.68 -3.090e+04	2077.73	2.741e+05
299	3	1.703e+05	3158.46	-0.04	-1689.71	0.0	-1584.31	3646.05	-17.39 -9525.66	3158.46	-1.139e+05
		-1.139e+05	1402.13	2.10e-03	0.0	50.5	-1584.31	2818.88	-17.39 -9525.66	2280.29	4.954e+04
						101.0	-1584.31	1956.35	-17.39 -9525.66	1402.13	1.703e+05
299	18	3.277e+05	-1.744e+05	-0.04	-1752.56	0.0	478.45	2093.41	-31.37 4.304e+04 -1.744e+05	2.032e+05	
		2.032e+05	-1.800e+05	0.09	0.0	50.5	478.45	1235.67	-31.37 4.304e+04 -1.772e+05	2.876e+05	
						101.0	478.45	340.85	-31.37 4.304e+04 -1.800e+05	3.277e+05	
299	19	3.397e+04	1.829e+05	-0.05	-1752.56	0.0	-3772.00	5577.06	-4.24 -6.949e+04	1.809e+05	-4.418e+05
		-4.418e+05	1.809e+05	-0.08	0.0	50.5	-3772.00	4719.31	-4.24 -6.949e+04	1.819e+05	-1.818e+05
						101.0	-3772.00	3824.49	-4.24 -6.949e+04	1.829e+05	3.397e+04
299	33	2.004e+05	2.026e+05	-0.03	-1752.56	0.0	5989.81	3531.07	1293.73 -2.821e+05	7.803e+04	-6.819e+04
		-6.819e+04	7.803e+04	-0.28	0.0	50.5	5989.81	2673.33	1293.73 -2.821e+05	1.403e+05	8.825e+04
						101.0	5989.81	1778.51	1293.73 -2.821e+05	2.026e+05	2.004e+05
299	34	2.453e+05	-1.569e+05	-0.05	-1752.56	0.0	-6852.43	3130.37	-1120.22 2.423e+05 -1.569e+05	1.559e+05	
		1.559e+05	-2.664e+05	0.28	0.0	50.5	-6852.43	2272.62	-1120.22 2.423e+05 -2.117e+05	1.525e+05	
						101.0	-6852.43	1377.80	-1120.22 2.423e+05 -2.664e+05	2.453e+05	
299	35	1.164e+05	2.693e+05	-0.04	-1752.56	0.0	3558.87	4540.10	1084.61 -2.687e+05	1.635e+05	-2.542e+05
		-2.542e+05	1.635e+05	-0.28	0.0	50.5	3558.87	3682.36	1084.61 -2.687e+05	2.164e+05	-4.677e+04
						101.0	3558.87	2787.54	1084.61 -2.687e+05	2.693e+05	1.164e+05
299	36	1.612e+05	-7.153e+04	-0.06	-1752.56	0.0	-9283.36	4139.40	-1329.34 2.557e+05 -7.153e+04	-1.704e+05	
		-1.704e+05	-1.997e+05	0.28	0.0	50.5	-9283.36	3281.65	-1329.34 2.557e+05 -1.356e+05	1.752e+04	
						101.0	-9283.36	2386.83	-1329.34 2.557e+05 -1.997e+05	1.612e+05	
299	50	2.652e+05	-9.764e+04	-0.04	-1752.56	0.0	-325.75	2831.96	-11.50 1.580e+04 -9.764e+04	6.634e+04	
		6.634e+04	-1.001e+05	0.05	0.0	50.5	-325.75	1974.22	-11.50 1.580e+04 -9.886e+04	1.879e+05	
						101.0	-325.75	1079.40	-11.50 1.580e+04 -1.001e+05	2.652e+05	
299	51	9.638e+04	1.041e+05	-0.05	-1752.56	0.0	-2967.80	4838.51	-24.11 -4.226e+04	1.041e+05	-3.049e+05
		-3.049e+05	1.030e+05	-0.04	0.0	50.5	-2967.80	3980.76	-24.11 -4.226e+04	1.036e+05	-8.214e+04
						101.0	-2967.80	3085.94	-24.11 -4.226e+04	1.030e+05	9.638e+04
299	65	1.931e+05	1.066e+05	-0.04	-1752.56	0.0	2439.08	3654.71	688.57 -1.566e+05	4.070e+04	-8.837e+04
		-8.837e+04	4.070e+04	-0.15	0.0	50.5	2439.08	2796.97	688.57 -1.566e+05	7.365e+04	7.447e+04
						101.0	2439.08	1902.15	688.57 -1.566e+05	1.066e+05	1.931e+05
299	66	2.171e+05	-8.355e+04	-0.05	-1752.56	0.0	-4330.73	3433.68	-604.06 1.224e+05 -8.355e+04	-4.292e+04	
		-4.292e+04	-1.422e+05	0.15	0.0	50.5	-4330.73	2575.94	-604.06 1.224e+05 -1.129e+05	1.092e+05	
						101.0	-4330.73	1681.12	-604.06 1.224e+05 -1.422e+05	2.171e+05	
299	67	1.446e+05	1.451e+05	-0.04	-1752.56	0.0	1037.18	4236.79	568.45 -1.489e+05	9.005e+04	-1.957e+05
		-1.957e+05	9.005e+04	-0.15	0.0	50.5	1037.18	3379.04	568.45 -1.489e+05	1.176e+05	-3421.36
						101.0	1037.18	2484.22	568.45 -1.489e+05	1.451e+05	1.446e+05
299	68	1.686e+05	-3.420e+04	-0.05	-1752.56	0.0	-5732.63	4015.75	-724.18 1.301e+05 -3.420e+04	-1.502e+05	
		-1.502e+05	-1.037e+05	0.15	0.0	50.5	-5732.63	3158.01	-724.18 1.301e+05 -6.895e+04	3.130e+04	
						101.0	-5732.63	2263.19	-724.18 1.301e+05 -1.037e+05	1.686e+05	
299	69	1.703e+05	3158.46	-0.04	-1689.71	0.0	-1584.31	3646.05	-17.39 -9525.66	3158.46	-1.139e+05
		-1.139e+05	1402.13	2.10e-03	0.0	50.5	-1584.31	2818.88	-17.39 -9525.66	2280.29	4.954e+04
						101.0	-1584.31	1956.35	-17.39 -9525.66	1402.13	1.703e+05
299	70	2.054e+05	3468.32	-0.05	-1899.22	0.0	-1792.52	4276.65	-18.77 -2.187e+04	3468.32	-1.320e+05
		-1.320e+05	1572.11	2.19e-03	0.0	50.5	-1792.52	3347.58	-18.77 -2.187e+04	2520.21	6.071e+04
						101.0	-1792.52	2377.43	-18.77 -2.187e+04	1572.11	2.054e+05
299	71	1.703e+05	3158.46	-0.04	-1689.71	0.0	-1584.31	3646.05	-17.39 -9525.66	3158.46	-1.139e+05
		-1.139e+05	1402.13	2.10e-03	0.0	50.5	-1584.31	2818.88	-17.39 -9525.66	2280.29	4.954e+04
						101.0	-1584.31	1956.35	-17.39 -9525.66	1402.13	1.703e+05
299	72	1.878e+05	3313.39	-0.05	-1794.47	0.0	-1688.42	3961.35	-18.08 -1.570e+04	3313.39	-1.229e+05
		-1.229e+05	1487.12	2.14e-03	0.0	50.5	-1688.42	3083.23	-18.08 -1.570e+04	2400.25	5.512e+04
						101.0	-1688.42	2166.89	-18.08 -1.570e+04	1487.12	1.878e+05
299	73	1.703e+05	3158.46	-0.04	-1689.71	0.0	-1584.31	3646.05	-17.39 -9525.66	3158.46	-1.139e+05
		-1.139e+05	1402.13	2.10e-03	0.0	50.5	-1584.31	2818.88	-17.39 -9525.66	2280.29	4.954e+04
						101.0	-1584.31	1956.35	-17.39 -9525.66	1402.13	1.703e+05
299	74	1.808e+05	3251.42	-0.04	-1752.56	0.0	-1646.78	3835.23	-17.80 -1.323e+04	3251.42	-1.193e+05
		-1.193e+05	1453.12	2.12e-03	0.0	50.5	-1646.78	2977.49	-17.80 -1.323e+04	2352.27	5.289e+04
						101.0	-1646.78	2082.67	-17.80 -1.323e+04	1453.12	1.808e+05
300	2	5.024e+05	-3005.03	-0.06	-3416.30	0.0	-3205.02	5548.87	10.62 -2.293e+04	-4077.92	1.145e+05
		1.145e+05	-4077.92	-2.55e-04	0.0	50.5	-3205.02	3840.72	10.62 -2.293e+04	-3541.48	3.516e+05
						101.0	-3205.02	2132.57	10.62 -2.293e+04	-3005.03	5.024e+05
300	3	3.175e+05	-2119.12	-0.04	-2276.40	0.0	-2134.16	3572.27	7.27 -7662.41	-2853.25	7.164e+04
		7.164e+04	-2853.25	-1.38e-04	0.0	50.5	-2134.16	2434.07	7.27 -7662.41	-2486.19	2.233e+05
						101.0	-2134.16	1295.87	7.27 -7662.41	-2119.12	3.175e+05
300	18	4.300e+05	-4.542e+04	-0.02	-2367.79	0.0	-1317.88	1974.30	-408.12 -5757.21 -4.542e+04	3.469e+05	
		3.469e+05	-7.914e+04	8.89e-03	0.0	50.5	-1317.88	790.40	-408.12 -5757.21 -6.228e+04	4.167e+05	
						101.0	-1317.88	-393.49	-408.12 -5757.21 -7.914e+04	4.268e+05	
300	19	2.441e+05	7.480e+04	-0.06	-2367.79	0.0	-3122.68	5532.21	423.13 -1.475e+04	3.957e+04	-1.950e+05
		-1.950e+05	3.957e+04	-9.19e-03	0.0	50.5	-3122.68	4348.31	423.13 -1.475e+04	5.718e+04	5.441e+04
						101.0	-3122.68	3164.41	423.13 -1.475e+04	7.480e+04	2.441e+05
300	25	3.518e+05	3.280e+05	-0.04	-2367.79	0.0	4660.10	3369.73	1085.39 -7.151e+04	2.184e+05	1.313e+05
		1.313e+05	2.184e+05	-0.11	0.0	50.5	4660.10	2185.84	1085.39 -7.151e+04	2.732e+05	2.714e+05
						101.0	4660.10	1001.94	1085.39 -7.151e+04	3.280e+05	3.518e+05

300	28	3.191e+05	-2.242e+05	-0.05	-2367.79	0.0	-9100.66	4136.77	-1070.39	5.100e+04	-2.242e+05	2.053e+04
		2.053e+04	-3.324e+05	0.11	0.0	50.5	-9100.66	2952.87	-1070.39	5.100e+04	-2.783e+05	1.997e+05
						101.0	-9100.66	1768.98	-1070.39	5.100e+04	-3.324e+05	3.191e+05
300	33	3.476e+05	3.536e+05	-0.04	-2367.79	0.0	4595.94	3467.02	647.82	5.965e+04	2.912e+05	1.173e+05
		1.173e+05	2.912e+05	-0.02	0.0	50.5	4595.94	2283.13	647.82	5.965e+04	3.224e+05	2.624e+05
						101.0	4595.94	1099.23	647.82	5.965e+04	3.536e+05	3.476e+05
300	36	3.233e+05	-2.970e+05	-0.05	-2367.79	0.0	-9036.50	4039.48	-632.82	-8.016e+04	-2.970e+05	3.450e+04
		3.450e+04	-3.579e+05	0.02	0.0	50.5	-9036.50	2855.58	-632.82	-8.016e+04	-3.275e+05	2.088e+05
						101.0	-9036.50	1671.69	-632.82	-8.016e+04	-3.579e+05	2.333e+05
300	50	3.880e+05	-2.470e+04	-0.03	-2367.79	0.0	-1611.25	2729.24	-220.86	-7654.17	-2.470e+04	2.318e+05
		2.318e+05	-4.272e+04	4.78e-03	0.0	50.5	-1611.25	1545.34	-220.86	-7654.17	-3.371e+04	3.398e+05
						101.0	-1611.25	361.44	-220.86	-7654.17	-4.272e+04	3.880e+05
300	51	2.829e+05	3.838e+04	-0.05	-2367.79	0.0	-2829.31	4777.27	235.86	-1.286e+04	1.885e+04	-7.997e+04
		-7.997e+04	1.885e+04	-5.09e-03	0.0	50.5	-2829.31	3593.37	235.86	-1.286e+04	2.861e+04	1.314e+05
						101.0	-2829.31	2409.47	235.86	-1.286e+04	3.838e+04	2.829e+05
300	57	3.452e+05	1.753e+05	-0.04	-2367.79	0.0	1447.04	3528.61	588.42	-4.376e+04	1.159e+05	1.086e+05
		1.086e+05	1.159e+05	-0.06	0.0	50.5	1447.04	2344.71	588.42	-4.376e+04	1.456e+05	2.568e+05
						101.0	1447.04	1160.82	588.42	-4.376e+04	1.753e+05	3.452e+05
300	60	3.257e+05	-1.217e+05	-0.04	-2367.79	0.0	-5887.60	3977.89	-573.41	2.325e+04	-1.217e+05	4.327e+04
		4.327e+04	-1.796e+05	0.06	0.0	50.5	-5887.60	2794.00	-573.41	2.325e+04	-1.507e+05	2.144e+05
						101.0	-5887.60	1610.10	-573.41	2.325e+04	-1.796e+05	3.257e+05
300	65	3.430e+05	1.895e+05	-0.04	-2367.79	0.0	1413.04	3580.74	344.01	2.874e+04	1.566e+05	1.012e+05
		1.012e+05	1.566e+05	-0.01	0.0	50.5	1413.04	2396.84	344.01	2.874e+04	1.730e+05	2.520e+05
						101.0	1413.04	1212.95	344.01	2.874e+04	1.895e+05	3.430e+05
300	68	3.278e+05	-1.625e+05	-0.04	-2367.79	0.0	-5853.60	3925.77	-329.00	-4.925e+04	-1.625e+05	5.067e+04
		5.067e+04	-1.938e+05	0.01	0.0	50.5	-5853.60	2741.87	-329.00	-4.925e+04	-1.781e+05	2.191e+05
						101.0	-5853.60	1557.97	-329.00	-4.925e+04	-1.938e+05	3.278e+05
300	69	3.175e+05	-2119.12	-0.04	-2276.40	0.0	-2134.16	3572.27	7.27	-7662.41	-2853.25	7.164e+04
		7.164e+04	-2853.25	-1.38e-04	0.0	50.5	-2134.16	2434.07	7.27	-7662.41	-2486.19	2.233e+05
						101.0	-2134.16	1295.87	7.27	-7662.41	-2119.12	3.175e+05
300	70	3.773e+05	-2285.90	-0.05	-2581.05	0.0	-2421.24	4175.55	8.05	-1.631e+04	-3099.05	8.589e+04
		8.589e+04	-3099.05	-1.88e-04	0.0	50.5	-2421.24	2885.02	8.05	-1.631e+04	-2692.48	2.642e+05
						101.0	-2421.24	1594.50	8.05	-1.631e+04	-2285.90	3.773e+05
300	71	3.175e+05	-2119.12	-0.04	-2276.40	0.0	-2134.16	3572.27	7.27	-7662.41	-2853.25	7.164e+04
		7.164e+04	-2853.25	-1.38e-04	0.0	50.5	-2134.16	2434.07	7.27	-7662.41	-2486.19	2.233e+05
						101.0	-2134.16	1295.87	7.27	-7662.41	-2119.12	3.175e+05
300	72	3.474e+05	-2202.51	-0.04	-2428.72	0.0	-2277.70	3873.91	7.66	-1.198e+04	-2976.15	7.877e+04
		7.877e+04	-2976.15	-1.63e-04	0.0	50.5	-2277.70	2659.55	7.66	-1.198e+04	-2589.33	2.437e+05
						101.0	-2277.70	1445.18	7.66	-1.198e+04	-2202.51	3.474e+05
300	73	3.175e+05	-2119.12	-0.04	-2276.40	0.0	-2134.16	3572.27	7.27	-7662.41	-2853.25	7.164e+04
		7.164e+04	-2853.25	-1.38e-04	0.0	50.5	-2134.16	2434.07	7.27	-7662.41	-2486.19	2.233e+05
						101.0	-2134.16	1295.87	7.27	-7662.41	-2119.12	3.175e+05
300	74	3.354e+05	-2169.16	-0.04	-2367.79	0.0	-2220.28	3753.25	7.50	-1.026e+04	-2926.99	7.592e+04
		7.592e+04	-2926.99	-1.53e-04	0.0	50.5	-2220.28	2569.36	7.50	-1.026e+04	-2548.07	2.356e+05
						101.0	-2220.28	1385.46	7.50	-1.026e+04	-2169.16	3.354e+05
301	1	4.117e+05	-55.66	-0.02	-2959.32	0.0	-2695.54	3403.75	3.35	-4439.30	-393.54	2.174e+05
		2.174e+05	-393.54	-1.47e-03	0.0	50.5	-2695.54	1924.10	3.35	-4439.30	-224.60	3.519e+05
						101.0	-2695.54	444.44	3.35	-4439.30	-55.66	4.117e+05
301	2	5.021e+05	-22.95	-0.03	-3416.30	0.0	-3103.95	4054.52	3.10	-1.138e+04	-335.79	2.651e+05
		2.651e+05	-335.79	-1.58e-03	0.0	50.5	-3103.95	2346.37	3.10	-1.138e+04	-179.37	4.267e+05
						101.0	-3103.95	638.22	3.10	-1.138e+04	-22.95	5.021e+05
301	3	3.167e+05	-42.81	-0.02	-2276.40	0.0	-2073.49	2618.27	2.57	-3414.84	-302.72	1.672e+05
		1.672e+05	-302.72	-1.13e-03	0.0	50.5	-2073.49	1480.07	2.57	-3414.84	-172.77	2.707e+05
						101.0	-2073.49	341.88	2.57	-3414.84	-42.81	3.167e+05
301	4	4.070e+05	-10.10	-0.02	-2733.38	0.0	-2481.91	3269.03	2.33	-1.036e+04	-244.97	2.149e+05
		2.149e+05	-244.97	-1.24e-03	0.0	50.5	-2481.91	1902.34	2.33	-1.036e+04	-127.54	3.455e+05
						101.0	-2481.91	535.65	2.33	-1.036e+04	-10.10	4.070e+05
301	18	4.105e+05	-3.832e+04	5.29e-03	-2367.79	0.0	-2294.68	978.92	404.33	-8.252e+04	-5.627e+04	3.900e+05
		3.696e+05	-5.627e+04	-0.08	0.0	50.5	-2294.68	-204.98	404.33	-8.252e+04	-4.730e+04	4.097e+05
						101.0	-2294.68	-1388.88	404.33	-8.252e+04	-3.832e+04	3.696e+05
301	19	2.999e+05	5.569e+04	-0.04	-2367.79	0.0	-2015.67	4517.93	-399.29	7.291e+04	5.569e+04	3.650e+05
		-3.650e+04	3.825e+04	0.07	0.0	50.5	-2015.67	3334.04	-399.29	7.291e+04	4.697e+04	1.616e+05
						101.0	-2015.67	2150.14	-399.29	7.291e+04	3.825e+04	2.999e+05
301	22	3.492e+05	-3.185e+05	-0.01	-2367.79	0.0	-7796.08	2411.89	-219.73	-2.772e+05	-3.753e+05	2.242e+05
		2.242e+05	-3.753e+05	-0.22	0.0	50.5	-7796.08	1227.99	-219.73	-2.772e+05	-3.469e+05	3.166e+05
						101.0	-7796.08	44.09	-219.73	-2.772e+05	-3.185e+05	3.492e+05
301	23	3.203e+05	3.748e+05	-0.03	-2367.79	0.0	3485.73	3084.96	224.78	2.676e+05	3.748e+05	1.293e+05
		1.293e+05	3.184e+05	0.22	0.0	50.5	3485.73	1901.07	224.78	2.676e+05	3.466e+05	2.547e+05
						101.0	3485.73	717.17	224.78	2.676e+05	3.184e+05	3.203e+05
301	25	3.333e+05	3.654e+05	-0.02	-2367.79	0.0	4075.76	2377.36	370.90	2.798e+05	3.654e+05	2.137e+05
		2.137e+05	3.509e+05	0.21	0.0	50.5	4075.76	1193.46	370.90	2.798e+05	3.581e+05	3.034e+05
						101.0	4075.76	9.57	370.90	2.798e+05	3.509e+05	3.333e+05
301	28	3.362e+05	-3.510e+05	-0.02	-2367.79	0.0	-8386.11	3119.49	-365.85	-2.894e+05	-3.659e+05	1.398e+05
		1.398e+05	-3.659e+05	-0.21	0.0	50.5	-8386.11	1935.59	-365.85	-2.894e+05	-3.584e+05	2.679e+05
						101.0	-8386.11	751.70	-365.85	-2.894e+05	-3.510e+05	3.362e+05
301	50	3.633e+05	-1.911e+04	-7.77e-03	-2367.79	0.0	-2155.15	1729.96	231.91	-4.568e+04	-2.912e+04	2.994e+05
		2.994e+05	-2.912e+04	-0.04	0.0	50.5	-2155.15	546.06	231.91	-4.568e+04	-2.412e+04	3.569e+05

						101.0	-2155.15	-637.84	231.91	-4.568e+04	-1.911e+04	3.547e+05
301	51	3.148e+05	2.854e+04	-0.03	-2367.79	0.0	-2155.20	3766.89	-226.86	3.607e+04	2.854e+04	5.413e+04
		5.413e+04	1.903e+04	0.04	0.0	50.5	-2155.20	2583.00	-226.86	3.607e+04	2.379e+04	2.144e+05
						101.0	-2155.20	1399.10	-226.86	3.607e+04	1.903e+04	3.148e+05
301	54	3.426e+05	-1.689e+05	-0.01	-2367.79	0.0	-5124.73	2558.02	-124.16	-1.498e+05	-2.009e+05	2.033e+05
		2.033e+05	-2.009e+05	-0.12	0.0	50.5	-5124.73	1374.13	-124.16	-1.498e+05	-1.688e+05	3.029e+05
						101.0	-5124.73	190.23	-124.16	-1.498e+05	-1.689e+05	3.426e+05
301	55	3.269e+05	2.003e+05	-0.02	-2367.79	0.0	814.38	2938.83	129.20	1.402e+05	2.003e+05	1.502e+05
		1.502e+05	1.688e+05	0.11	0.0	50.5	814.38	1754.93	129.20	1.402e+05	1.846e+05	2.684e+05
						101.0	814.38	571.03	129.20	1.402e+05	1.688e+05	3.269e+05
301	57	3.344e+05	1.951e+05	-0.02	-2367.79	0.0	1151.72	2530.44	212.71	1.469e+05	1.951e+05	1.989e+05
		1.989e+05	1.870e+05	0.11	0.0	50.5	1151.72	1346.55	212.71	1.469e+05	1.911e+05	2.965e+05
						101.0	1151.72	162.65	212.71	1.469e+05	1.870e+05	3.344e+05
301	60	3.352e+05	-1.871e+05	-0.02	-2367.79	0.0	-5462.07	2966.41	-207.66	-1.565e+05	-1.957e+05	1.546e+05
		1.546e+05	-1.957e+05	-0.11	0.0	50.5	-5462.07	1782.51	-207.66	-1.565e+05	-1.914e+05	2.748e+05
						101.0	-5462.07	598.61	-207.66	-1.565e+05	-1.871e+05	3.352e+05
301	69	3.167e+05	-42.81	-0.02	-2276.40	0.0	-2073.49	2618.27	2.57	-3414.84	-302.72	1.672e+05
		1.672e+05	-302.72	-1.13e-03	0.0	50.5	-2073.49	1480.07	2.57	-3414.84	-172.77	2.707e+05
						101.0	-2073.49	341.88	2.57	-3414.84	-42.81	3.167e+05
301	70	3.769e+05	-21.01	-0.02	-2581.05	0.0	-2345.77	3052.11	2.41	-8042.29	-264.22	1.990e+05
		1.990e+05	-264.22	-1.20e-03	0.0	50.5	-2345.77	1761.59	2.41	-8042.29	-142.61	3.206e+05
						101.0	-2345.77	471.06	2.41	-8042.29	-21.01	3.769e+05
301	71	3.167e+05	-42.81	-0.02	-2276.40	0.0	-2073.49	2618.27	2.57	-3414.84	-302.72	1.672e+05
		1.672e+05	-302.72	-1.13e-03	0.0	50.5	-2073.49	1480.07	2.57	-3414.84	-172.77	2.707e+05
						101.0	-2073.49	341.88	2.57	-3414.84	-42.81	3.167e+05
301	72	3.468e+05	-31.91	-0.02	-2428.72	0.0	-2209.63	2835.19	2.49	-5728.57	-283.47	1.831e+05
		1.831e+05	-283.47	-1.17e-03	0.0	50.5	-2209.63	1620.83	2.49	-5728.57	-157.69	2.956e+05
						101.0	-2209.63	406.47	2.49	-5728.57	-31.91	3.468e+05
301	73	3.167e+05	-42.81	-0.02	-2276.40	0.0	-2073.49	2618.27	2.57	-3414.84	-302.72	1.672e+05
		1.672e+05	-302.72	-1.13e-03	0.0	50.5	-2073.49	1480.07	2.57	-3414.84	-172.77	2.707e+05
						101.0	-2073.49	341.88	2.57	-3414.84	-42.81	3.167e+05
301	74	3.348e+05	-36.27	-0.02	-2367.79	0.0	-2155.18	2748.42	2.52	-4803.08	-291.17	1.767e+05
		1.767e+05	-291.17	-1.15e-03	0.0	50.5	-2155.18	1564.53	2.52	-4803.08	-163.72	2.857e+05
						101.0	-2155.18	380.63	2.52	-4803.08	-36.27	3.348e+05
302	2	4.510e+05	738.36	-0.08	-3416.30	0.0	-2610.39	8033.19	2.44	1679.94	492.24	-1.878e+05
		-1.878e+05	492.24	-1.19e-03	0.0	50.5	-2610.39	6325.04	2.44	1679.94	615.30	1.747e+05
						101.0	-2610.39	4616.89	2.44	1679.94	738.36	4.510e+05
302	3	2.870e+05	390.77	-0.05	-2276.40	0.0	-1743.45	5153.88	2.33	7053.18	155.04	-1.186e+05
		-1.186e+05	155.04	-9.04e-04	0.0	50.5	-1743.45	4015.68	2.33	7053.18	272.91	1.129e+05
						101.0	-1743.45	2877.48	2.33	7053.18	390.77	2.870e+05
302	14	4.557e+05	-1.811e+04	-0.05	-2367.79	0.0	-1314.86	3713.87	-72.70	-9.578e+04	-1.811e+04	1.999e+05
		1.999e+05	-9.744e+04	0.10	0.0	50.5	-1314.86	2529.97	-72.70	-9.578e+04	-5.777e+04	3.577e+05
						101.0	-1314.86	1346.08	-72.70	-9.578e+04	-9.744e+04	4.557e+05
302	15	1.495e+05	9.831e+04	-0.06	-2367.79	0.0	-2309.61	7127.14	77.13	1.069e+05	1.854e+04	-4.506e+05
		-4.506e+05	1.854e+04	-0.10	0.0	50.5	-2309.61	5943.24	77.13	1.069e+05	5.842e+04	-1.207e+05
						101.0	-2309.61	4759.35	77.13	1.069e+05	9.831e+04	1.495e+05
302	22	3.625e+05	-1.899e+05	-0.03	-2367.79	0.0	-6408.30	4686.05	1808.94	-3.777e+05	-1.932e+05	8193.99
		8193.99	-1.932e+05	-0.35	0.0	50.5	-6408.30	3502.15	1808.94	-3.777e+05	-1.916e+05	2.152e+05
						101.0	-6408.30	2318.26	1808.94	-3.777e+05	-1.899e+05	3.625e+05
302	23	2.426e+05	1.937e+05	-0.08	-2367.79	0.0	2783.83	6154.96	-1804.51	3.888e+05	1.937e+05	-2.589e+05
		-2.589e+05	1.908e+05	0.35	0.0	50.5	2783.83	4971.06	-1804.51	3.888e+05	1.922e+05	2.178e+04
						101.0	2783.83	3787.17	-1804.51	3.888e+05	1.908e+05	2.426e+05
302	25	2.997e+05	1.874e+05	-0.08	-2367.79	0.0	3706.48	5524.39	-2137.86	4.058e+05	1.874e+05	-1.381e+05
		-1.381e+05	1.623e+05	0.41	0.0	50.5	3706.48	4340.49	-2137.86	4.058e+05	1.748e+05	1.107e+05
						101.0	3706.48	3156.59	-2137.86	4.058e+05	1.623e+05	2.997e+05
302	28	3.054e+05	-1.615e+05	-0.03	-2367.79	0.0	-7330.95	5316.62	2142.29	-3.947e+05	-1.869e+05	-1.125e+05
		-1.125e+05	-1.869e+05	-0.41	0.0	50.5	-7330.95	4132.73	2142.29	-3.947e+05	-1.742e+05	1.263e+05
						101.0	-7330.95	2948.83	2142.29	-3.947e+05	-1.615e+05	3.054e+05
302	46	3.903e+05	-8110.26	-0.05	-2367.79	0.0	-1451.64	4442.93	-59.58	-4.750e+04	-8110.26	6.096e+04
		6.096e+04	-5.572e+04	0.06	0.0	50.5	-1451.64	3259.03	-59.58	-4.750e+04	-3.192e+04	2.555e+05
						101.0	-1451.64	2075.13	-59.58	-4.750e+04	-5.572e+04	3.903e+05
302	47	2.149e+05	5.660e+04	-0.06	-2367.79	0.0	-2172.83	6398.08	64.00	5.861e+04	8536.61	-3.116e+05
		-3.116e+05	8536.61	-0.06	0.0	50.5	-2172.83	5214.19	64.00	5.861e+04	3.257e+04	-1.849e+04
						101.0	-2172.83	4030.29	64.00	5.861e+04	5.660e+04	2.149e+05
302	54	3.351e+05	-1.032e+05	-0.04	-2367.79	0.0	-4218.66	5019.33	982.05	-1.962e+05	-1.032e+05	-5.266e+04
		-5.266e+04	-1.088e+05	-0.18	0.0	50.5	-4218.66	3835.44	982.05	-1.962e+05	-1.060e+05	1.711e+05
						101.0	-4218.66	2651.54	982.05	-1.962e+05	-1.088e+05	3.351e+05
302	55	2.701e+05	1.096e+05	-0.07	-2367.79	0.0	594.19	5821.68	-977.62	2.073e+05	1.037e+05	-1.980e+05
		-1.980e+05	1.037e+05	0.18	0.0	50.5	594.19	4637.78	-977.62	2.073e+05	1.067e+05	6.591e+04
						101.0	594.19	3453.88	-977.62	2.073e+05	1.096e+05	2.701e+05
302	57	3.030e+05	1.004e+05	-0.07	-2367.79	0.0	1126.51	5458.02	-1169.84	2.167e+05	1.004e+05	-1.284e+05
		-1.284e+05	9.376e+04	0.21	0.0	50.5	1126.51	4274.12	-1169.84	2.167e+05	9.709e+04	1.172e+05
						101.0	1126.51	3090.22	-1169.84	2.167e+05	9.376e+04	3.030e+05
302	60	3.022e+05	-9.288e+04	-0.04	-2367.79	0.0	-4750.98	5382.99	1174.27	-2.056e+05	-9.999e+04	-1.223e+05
		-1.223e+05	-9.999e+04	-0.22	0.0	50.5	-4750.98	4199.10	1174.27	-2.056e+05	-9.644e+04	1.198e+05
						101.0	-4750.98	3015.20	1174.27	-2.056e+05	-9.288e+04	3.022e+05
302	69	2.870e+05	390.77	-0.05	-2276.40	0.0	-1743.45	5153.88	2.33	7053.18	155.04	-1.186e+05

		-1.186e+05	155.04	-9.04e-04	0.0	50.5	-1743.45	4015.68	2.33	7053.18	272.91	1.129e+05
						101.0	-1743.45	2877.48	2.33	7053.18	390.77	2.870e+05
302	70	3.390e+05	544.34	-0.06	-2581.05	0.0	-1972.72	6042.64	1.94	2060.39	348.83	-1.410e+05
		-1.410e+05	348.83	-9.17e-04	0.0	50.5	-1972.72	4752.12	1.94	2060.39	446.59	1.316e+05
						101.0	-1972.72	3461.59	1.94	2060.39	544.34	3.390e+05
302	71	2.870e+05	390.77	-0.05	-2276.40	0.0	-1743.45	5153.88	2.33	7053.18	155.04	-1.186e+05
		-1.186e+05	155.04	-9.04e-04	0.0	50.5	-1743.45	4015.68	2.33	7053.18	272.91	1.129e+05
						101.0	-1743.45	2877.48	2.33	7053.18	390.77	2.870e+05
302	72	3.130e+05	467.56	-0.06	-2428.72	0.0	-1858.09	5598.26	2.13	4556.78	251.94	-1.298e+05
		-1.298e+05	251.94	-9.10e-04	0.0	50.5	-1858.09	4383.90	2.13	4556.78	359.75	1.222e+05
						101.0	-1858.09	3169.53	2.13	4556.78	467.56	3.130e+05
302	73	2.870e+05	390.77	-0.05	-2276.40	0.0	-1743.45	5153.88	2.33	7053.18	155.04	-1.186e+05
		-1.186e+05	155.04	-9.04e-04	0.0	50.5	-1743.45	4015.68	2.33	7053.18	272.91	1.129e+05
						101.0	-1743.45	2877.48	2.33	7053.18	390.77	2.870e+05
302	74	3.026e+05	436.84	-0.05	-2367.79	0.0	-1812.24	5420.51	2.21	5555.34	213.18	-1.253e+05
		-1.253e+05	213.18	-9.08e-04	0.0	50.5	-1812.24	4236.61	2.21	5555.34	325.01	1.185e+05
						101.0	-1812.24	3052.71	2.21	5555.34	436.84	3.026e+05
303	1	3.602e+05	182.20	-0.07	-2765.24	0.0	-1639.83	6655.30	8.34	-4144.77	-659.72	-1.723e+05
		-1.723e+05	-659.72	-1.66e-03	0.0	50.5	-1639.83	5272.68	8.34	-4144.77	359.75	1.222e+05
						101.0	-1639.83	3890.06	8.34	-4144.77	182.20	3.602e+05
303	2	4.354e+05	76.94	-0.09	-3185.91	0.0	-1887.48	7973.06	10.15	3893.10	-947.82	-2.090e+05
		-2.090e+05	-947.82	-1.83e-03	0.0	50.5	-1887.48	6380.10	10.15	3893.10	-435.44	1.534e+05
						101.0	-1887.48	4787.15	10.15	3893.10	76.94	4.354e+05
303	3	2.771e+05	140.15	-0.06	-2127.11	0.0	-1261.40	5119.46	6.41	-3188.29	-507.48	-1.325e+05
		-1.325e+05	-507.48	-1.28e-03	0.0	50.5	-1261.40	4055.91	6.41	-3188.29	-183.66	9.914e+04
						101.0	-1261.40	2992.36	6.41	-3188.29	140.15	2.771e+05
303	5	5.270e+05	1.537e+05	-0.06	-2211.24	0.0	2565.99	3313.17	1430.09	7.425e+04	-5.374e+04	3.030e+05
		3.030e+05	-5.374e+04	0.07	0.0	50.5	2565.99	2207.55	1430.09	7.425e+04	4.996e+04	4.429e+05
						101.0	2565.99	1101.93	1430.09	7.425e+04	1.537e+05	5.270e+05
303	6	5.019e+05	5.833e+04	-0.07	-2211.24	0.0	4737.80	3607.66	2358.17	-1.543e+05	-1.535e+05	2.485e+05
		2.485e+05	-1.535e+05	-0.13	0.0	50.5	4737.80	2502.04	2358.17	-1.543e+05	-4.759e+04	5.019e+05
						101.0	4737.80	1396.42	2358.17	-1.543e+05	5.833e+04	5.019e+05
303	7	8.232e+04	1.524e+05	-0.04	-2211.24	0.0	-7359.67	7158.37	-2344.62	1.511e+05	1.524e+05	-5.283e+05
		-5.283e+05	-5.809e+04	0.12	0.0	50.5	-7359.67	6052.75	-2344.62	1.511e+05	4.714e+04	-1.951e+05
						101.0	-7359.67	4947.13	-2344.62	1.511e+05	-5.809e+04	8.232e+04
303	8	5.726e+04	5.261e+04	-0.06	-2211.24	0.0	-5187.86	7452.86	-1416.54	-7.741e+04	5.261e+04	-5.828e+05
		-5.828e+05	-1.534e+05	-0.08	0.0	50.5	-5187.86	6347.24	-1416.54	-7.741e+04	-5.040e+04	-2.348e+05
						101.0	-5187.86	5241.62	-1416.54	-7.741e+04	-1.534e+05	5.726e+04
303	22	3.171e+05	-1.270e+05	-0.09	-2211.24	0.0	3797.59	5297.05	2119.78	-3.940e+05	-1.978e+05	-1.060e+05
		-1.060e+05	-1.978e+05	-0.34	0.0	50.5	3797.59	4191.43	2119.78	-3.940e+05	-1.624e+05	1.335e+05
						101.0	3797.59	3085.81	2119.78	-3.940e+05	-1.270e+05	3.171e+05
303	23	2.672e+05	1.966e+05	-0.03	-2211.24	0.0	-6419.46	5468.98	-2106.23	3.909e+05	1.966e+05	-1.738e+05
		-1.738e+05	1.272e+05	0.34	0.0	50.5	-6419.46	4363.36	-2106.23	3.909e+05	1.619e+05	7.461e+04
						101.0	-6419.46	3257.74	-2106.23	3.909e+05	1.272e+05	2.672e+05
303	37	4.269e+05	8.921e+04	-0.06	-2211.24	0.0	959.63	4195.18	839.06	3.776e+04	-3.151e+04	1.143e+05
		1.143e+05	-3.151e+04	0.03	0.0	50.5	959.63	3089.56	839.06	3.776e+04	2.885e+04	2.985e+05
						101.0	959.63	1983.94	839.06	3.776e+04	8.921e+04	4.269e+05
303	38	4.135e+05	3.443e+04	-0.07	-2211.24	0.0	2105.45	4355.53	1345.15	-8.277e+04	-8.485e+04	8.485e+04
		8.485e+04	-8.485e+04	-0.07	0.0	50.5	2105.45	3249.91	1345.15	-8.277e+04	-2.521e+04	2.771e+05
						101.0	2105.45	2144.29	1345.15	-8.277e+04	3.443e+04	4.135e+05
303	39	1.708e+05	8.372e+04	-0.05	-2211.24	0.0	-4727.32	6410.50	-1331.60	7.961e+04	8.372e+04	-3.646e+05
		-3.646e+05	-3.420e+04	0.07	0.0	50.5	-4727.32	5304.88	-1331.60	7.961e+04	2.476e+04	-6.902e+04
						101.0	-4727.32	4199.26	-1331.60	7.961e+04	-3.420e+04	1.708e+05
303	40	1.573e+05	3.038e+04	-0.06	-2211.24	0.0	-3581.50	6570.85	-825.51	-4.092e+04	3.038e+04	-3.941e+05
		-3.941e+05	-8.897e+04	-0.04	0.0	50.5	-3581.50	5465.23	-825.51	-4.092e+04	-2.930e+04	-9.045e+04
						101.0	-3581.50	4359.61	-825.51	-4.092e+04	-8.897e+04	1.573e+05
303	53	3.529e+05	1.099e+05	-0.05	-2211.24	0.0	-2367.59	4783.47	-511.11	1.930e+05	7.106e+04	-1.900e+04
		-1.900e+04	7.106e+04	0.17	0.0	50.5	-2367.59	3677.85	-511.11	1.930e+05	9.050e+04	1.949e+05
						101.0	-2367.59	2572.23	-511.11	1.930e+05	1.099e+05	3.529e+05
303	56	2.313e+05	-7.219e+04	-0.07	-2211.24	0.0	-254.28	5982.56	524.66	-1.962e+05	-7.219e+04	-2.608e+05
		-2.608e+05	-1.097e+05	-0.17	0.0	50.5	-254.28	4876.94	524.66	-1.962e+05	-9.094e+04	1.319e+04
						101.0	-254.28	3771.32	524.66	-1.962e+05	-1.097e+05	2.313e+05
303	69	2.771e+05	140.15	-0.06	-2127.11	0.0	-1261.40	5119.46	6.41	-3188.29	-507.48	-1.325e+05
		-1.325e+05	-507.48	-1.28e-03	0.0	50.5	-1261.40	4055.91	6.41	-3188.29	-183.66	9.914e+04
						101.0	-1261.40	2992.36	6.41	-3188.29	140.15	2.771e+05
303	70	3.272e+05	69.98	-0.07	-2407.55	0.0	-1426.51	5997.97	7.62	2170.29	-699.55	-1.570e+05
		-1.570e+05	-699.55	-1.39e-03	0.0	50.5	-1426.51	4794.19	7.62	2170.29	-314.78	1.155e+05
						101.0	-1426.51	3590.41	7.62	2170.29	69.98	3.272e+05
303	71	2.771e+05	140.15	-0.06	-2127.11	0.0	-1261.40	5119.46	6.41	-3188.29	-507.48	-1.325e+05
		-1.325e+05	-507.48	-1.28e-03	0.0	50.5	-1261.40	4055.91	6.41	-3188.29	-183.66	9.914e+04
						101.0	-1261.40	2992.36	6.41	-3188.29	140.15	2.771e+05
303	72	3.021e+05	105.07	-0.06	-2267.33	0.0	-1343.96	5558.71	7.02	-509.00	-603.51	-1.448e+05
		-1.448e+05	-603.51	-1.33e-03	0.0	50.5	-1343.96	4425.05	7.02	-509.00	-249.22	1.073e+05
						101.0	-1343.96	3291.38	7.02	-509.00	105.07	3.021e+05
303	73	2.771e+05	140.15	-0.06	-2127.11	0.0	-1261.40	5119.46	6.41	-3188.29	-507.48	-1.325e+05
		-1.325e+05	-507.48	-1.28e-03	0.0	50.5	-1261.40	4055.91	6.41	-3188.29	-183.66	9.914e+04
						101.0	-1261.40	2992.36	6.41	-3188.29	140.15	2.771e+05

303	74	2.921e+05	119.10	-0.06	-2211.24	0.0	-1310.94	5383.01	6.77	-1580.71	-565.10	-1.399e+05
		-1.399e+05	-565.10	-1.31e-03	0.0	50.5	-1310.94	4277.39	6.77	-1580.71	-223.00	1.040e+05
						101.0	-1310.94	3171.77	6.77	-1580.71	119.10	2.921e+05
304	2	4.641e+05	-363.81	-0.02	-3185.91	0.0	-2164.97	3744.96	3.92	9789.25	-759.86	2.468e+05
		2.468e+05	-759.86	-1.60e-03	0.0	50.5	-2164.97	2152.01	3.92	9789.25	-561.84	3.957e+05
						101.0	-2164.97	559.05	3.92	9789.25	-363.81	4.641e+05
304	3	2.920e+05	-283.58	-0.01	-2127.11	0.0	-1454.30	2415.11	2.66	2196.01	-552.36	1.555e+05
		1.555e+05	-552.36	-1.13e-03	0.0	50.5	-1454.30	1351.56	2.66	2196.01	-417.97	2.506e+05
						101.0	-1454.30	288.00	2.66	2196.01	-283.58	2.920e+05
304	4	3.765e+05	-278.74	-0.02	-2547.78	0.0	-1728.68	3020.43	3.12	9130.44	-594.15	2.001e+05
		2.001e+05	-594.15	-1.26e-03	0.0	50.5	-1728.68	1746.54	3.12	9130.44	-436.44	3.205e+05
						101.0	-1728.68	472.65	3.12	9130.44	-278.74	3.765e+05
304	9	4.588e+05	2.278e+04	0.01	-2211.24	0.0	-4.26	66.25	-714.65	1.229e+05	2.278e+04	4.588e+05
		3.543e+05	-2.197e+04	0.04	0.0	50.5	-4.26	-1039.37	-714.65	1.229e+05	406.79	4.344e+05
						101.0	-4.26	-2144.99	-714.65	1.229e+05	-2.197e+04	3.543e+05
304	12	2.636e+05	2.140e+04	-0.05	-2211.24	0.0	-3014.10	5006.09	720.15	-1.157e+05	-2.390e+04	-1.299e+05
		-1.299e+05	-2.390e+04	-0.04	0.0	50.5	-3014.10	3900.47	720.15	-1.157e+05	-1250.12	9.476e+04
						101.0	-3014.10	2794.85	720.15	-1.157e+05	2.140e+04	2.636e+05
304	22	3.154e+05	-3.454e+05	-0.01	-2211.24	0.0	3503.84	1905.01	243.18	-2.696e+05	-3.651e+05	2.359e+05
		2.359e+05	-3.651e+05	-0.22	0.0	50.5	3503.84	799.39	243.18	-2.696e+05	-3.552e+05	3.023e+05
						101.0	3503.84	-306.23	243.18	-2.696e+05	-3.454e+05	3.128e+05
304	23	3.050e+05	3.639e+05	-0.02	-2211.24	0.0	-6522.20	3167.33	-237.68	2.768e+05	3.639e+05	9.298e+04
		9.298e+04	3.448e+05	0.22	0.0	50.5	-6522.20	2061.71	-237.68	2.768e+05	3.544e+05	2.269e+05
						101.0	-6522.20	956.09	-237.68	2.768e+05	3.448e+05	3.050e+05
304	41	3.622e+05	1.045e+04	-4.62e-03	-2211.24	0.0	-596.71	1115.83	-400.72	6.744e+04	1.045e+04	3.336e+05
		3.336e+05	-1.321e+04	0.02	0.0	50.5	-596.71	10.21	-400.72	6.744e+04	-1382.74	3.622e+05
						101.0	-596.71	-1095.41	-400.72	6.744e+04	-1.321e+04	3.349e+05
304	44	2.829e+05	1.265e+04	-0.03	-2211.24	0.0	-2421.65	3956.52	406.23	-6.027e+04	-1.157e+04	-4734.73
		-4734.73	-1.157e+04	-0.02	0.0	50.5	-2421.65	2850.90	406.23	-6.027e+04	539.41	1.670e+05
						101.0	-2421.65	1745.27	406.23	-6.027e+04	1.265e+04	2.829e+05
304	54	3.115e+05	-1.842e+05	-0.01	-2211.24	0.0	1173.86	2172.61	137.35	-1.418e+05	-1.954e+05	2.057e+05
		2.057e+05	-1.954e+05	-0.12	0.0	50.5	1173.86	1066.99	137.35	-1.418e+05	-1.898e+05	2.865e+05
						101.0	1173.86	-38.63	137.35	-1.418e+05	-1.842e+05	3.115e+05
304	55	3.064e+05	1.943e+05	-0.02	-2211.24	0.0	-4192.21	2899.74	-131.85	1.490e+05	1.943e+05	1.232e+05
		1.232e+05	1.836e+05	0.12	0.0	50.5	-4192.21	1794.12	-131.85	1.490e+05	1.889e+05	2.427e+05
						101.0	-4192.21	688.50	-131.85	1.490e+05	1.836e+05	3.064e+05
304	69	2.920e+05	-283.58	-0.01	-2127.11	0.0	-1454.30	2415.11	2.66	2196.01	-552.36	1.555e+05
		1.555e+05	-552.36	-1.13e-03	0.0	50.5	-1454.30	1351.56	2.66	2196.01	-417.97	2.506e+05
						101.0	-1454.30	288.00	2.66	2196.01	-283.58	2.920e+05
304	70	3.483e+05	-280.35	-0.02	-2407.55	0.0	-1637.22	2818.65	2.97	6818.97	-580.22	1.852e+05
		1.852e+05	-580.22	-1.22e-03	0.0	50.5	-1637.22	1614.88	2.97	6818.97	-430.29	2.972e+05
						101.0	-1637.22	411.10	2.97	6818.97	-280.35	3.483e+05
304	71	2.920e+05	-283.58	-0.01	-2127.11	0.0	-1454.30	2415.11	2.66	2196.01	-552.36	1.555e+05
		1.555e+05	-552.36	-1.13e-03	0.0	50.5	-1454.30	1351.56	2.66	2196.01	-417.97	2.506e+05
						101.0	-1454.30	288.00	2.66	2196.01	-283.58	2.920e+05
304	72	3.202e+05	-281.96	-0.02	-2267.33	0.0	-1545.76	2616.88	2.82	4507.49	-566.29	1.704e+05
		1.704e+05	-566.29	-1.18e-03	0.0	50.5	-1545.76	1483.22	2.82	4507.49	-424.13	2.739e+05
						101.0	-1545.76	349.55	2.82	4507.49	-281.96	3.202e+05
304	73	2.920e+05	-283.58	-0.01	-2127.11	0.0	-1454.30	2415.11	2.66	2196.01	-552.36	1.555e+05
		1.555e+05	-552.36	-1.13e-03	0.0	50.5	-1454.30	1351.56	2.66	2196.01	-417.97	2.506e+05
						101.0	-1454.30	288.00	2.66	2196.01	-283.58	2.920e+05
304	74	3.089e+05	-282.61	-0.02	-2211.24	0.0	-1509.18	2536.17	2.75	3582.90	-560.72	1.644e+05
		1.644e+05	-560.72	-1.16e-03	0.0	50.5	-1509.18	1430.55	2.75	3582.90	-421.67	2.646e+05
						101.0	-1509.18	324.93	2.75	3582.90	-282.61	3.089e+05
305	2	4.659e+05	-2596.20	-0.05	-3185.91	0.0	-2376.20	5169.36	8.37	2.339e+04	-3441.55	1.047e+05
		1.047e+05	-3441.55	-1.42e-04	0.0	50.5	-2376.20	3576.41	8.37	2.339e+04	-3018.88	3.255e+05
						101.0	-2376.20	1983.46	8.37	2.339e+04	-2.659e+05	2.506e+05
305	3	2.940e+05	-1904.49	-0.03	-2127.11	0.0	-1594.32	3323.28	5.91	7994.89	-2501.09	6.577e+04
		6.577e+04	-2501.09	-4.81e-05	0.0	50.5	-1594.32	2259.72	5.91	7994.89	-2202.79	2.067e+05
						101.0	-1594.32	1196.17	5.91	7994.89	-1904.49	2.940e+05
305	9	4.666e+05	1.283e+05	-0.01	-2211.24	0.0	-1891.68	1048.25	-108.14	9.377e+04	1.196e+05	4.415e+05
		4.359e+05	1.196e+05	0.02	0.0	50.5	-1891.68	-57.37	-108.14	9.377e+04	1.240e+05	4.666e+05
						101.0	-1891.68	-1162.99	-108.14	9.377e+04	1.283e+05	4.359e+05
305	12	1.856e+05	-1.247e+05	-0.06	-2211.24	0.0	-1418.38	5937.94	120.23	-7.258e+04	-1.247e+05	-3.023e+05
		-3.023e+05	-1.321e+05	-0.02	0.0	50.5	-1418.38	4832.32	120.23	-7.258e+04	-1.284e+05	-3.044e+04
						101.0	-1418.38	3726.70	120.23	-7.258e+04	-1.321e+05	1.856e+05
305	22	3.419e+05	-2.087e+05	-0.03	-2211.24	0.0	2787.47	2666.04	-1160.56	9.672e+04	-2.087e+05	1.949e+05
		1.949e+05	-3.182e+05	0.12	0.0	50.5	2787.47	1560.42	-1160.56	9.672e+04	-2.634e+05	2.963e+05
						101.0	2787.47	454.80	-1160.56	9.672e+04	-3.182e+05	3.419e+05
305	23	2.796e+05	3.143e+05	-0.04	-2211.24	0.0	-6097.54	4320.16	1172.65	-7.553e+04	2.036e+05	-5.563e+04
		-5.563e+04	2.036e+05	-0.12	0.0	50.5	-6097.54	3214.54	1172.65	-7.553e+04	2.590e+05	1.399e+05
						101.0	-6097.54	2108.92	1172.65	-7.553e+04	3.143e+05	2.796e+05
305	29	3.548e+05	3.499e+05	-0.03	-2211.24	0.0	-5481.54	2657.94	567.87	9.405e+04	2.912e+05	1.973e+05
		1.973e+05	2.912e+05	-0.02	0.0	50.5	-5481.54	1552.32	567.87	9.405e+04	3.206e+05	3.548e+05
						101.0	-5481.54	446.70	567.87	9.405e+04	3.499e+05	3.548e+05
305	32	2.667e+05	-2.963e+05	-0.04	-2211.24	0.0	2171.48	4328.26	-555.78	-7.286e+04	-2.963e+05	-5.811e+04
		-5.811e+04	-3.538e+05	0.02	0.0	50.5	2171.48	3222.64	-555.78	-7.286e+04	-3.250e+05	1.322e+05

						101.0	2171.48	2117.02	-555.78	-7.286e+04	-3.538e+05	2.667e+05
305	41	3.830e+05	6.898e+04	-0.02	-2211.24	0.0	-1732.35	2087.08	-68.81	5.666e+04	6.458e+04	2.834e+05
		2.834e+05	6.458e+04	0.01	0.0	50.5	-1732.35	981.46	-68.81	5.666e+04	6.678e+04	3.610e+05
						101.0	-1732.35	-124.16	-68.81	5.666e+04	6.898e+04	3.827e+05
305	44	2.388e+05	-6.966e+04	-0.05	-2211.24	0.0	-1577.72	4899.12	80.90	-3.547e+04	-6.966e+04	-1.442e+05
		-1.442e+05	-7.284e+04	-0.01	0.0	50.5	-1577.72	3793.50	80.90	-3.547e+04	-7.125e+04	7.522e+04
						101.0	-1577.72	2687.88	80.90	-3.547e+04	-7.284e+04	2.388e+05
305	54	3.287e+05	-1.125e+05	-0.03	-2211.24	0.0	706.46	3018.56	-627.97	5.803e+04	-1.125e+05	1.416e+05
		1.416e+05	-1.715e+05	0.06	0.0	50.5	706.46	1912.94	-627.97	5.803e+04	-1.420e+05	2.630e+05
						101.0	706.46	807.32	-627.97	5.803e+04	-1.715e+05	3.287e+05
305	55	2.928e+05	1.676e+05	-0.04	-2211.24	0.0	-4016.53	3967.63	640.06	-3.684e+04	1.075e+05	-2345.81
		-2345.81	1.075e+05	-0.06	0.0	50.5	-4016.53	2862.01	640.06	-3.684e+04	1.375e+05	1.732e+05
						101.0	-4016.53	1756.39	640.06	-3.684e+04	1.676e+05	2.928e+05
305	61	3.358e+05	1.876e+05	-0.03	-2211.24	0.0	-3662.01	3014.66	298.96	5.692e+04	1.567e+05	1.426e+05
		1.426e+05	1.567e+05	-7.89e-03	0.0	50.5	-3662.01	1909.04	298.96	5.692e+04	1.721e+05	2.671e+05
						101.0	-3662.01	803.42	298.96	5.692e+04	1.876e+05	3.358e+05
305	64	2.857e+05	-1.618e+05	-0.04	-2211.24	0.0	351.94	3971.54	-286.87	-3.573e+04	-1.618e+05	-3378.55
		-3378.55	-1.914e+05	7.90e-03	0.0	50.5	351.94	2865.92	-286.87	-3.573e+04	-1.766e+05	1.691e+05
						101.0	351.94	1760.30	-286.87	-3.573e+04	-1.914e+05	2.857e+05
305	69	2.940e+05	-1904.49	-0.03	-2127.11	0.0	-1594.32	3323.28	5.91	7994.89	-2501.09	6.577e+04
		6.577e+04	-2501.09	-4.81e-05	0.0	50.5	-1594.32	2259.72	5.91	7994.89	-2202.79	2.067e+05
						101.0	-1594.32	1196.17	5.91	7994.89	-1904.49	2.940e+05
305	70	3.498e+05	-1984.73	-0.04	-2407.55	0.0	-1796.71	3889.35	6.37	1.666e+04	-2627.84	7.857e+04
		7.857e+04	-2627.84	-1.01e-04	0.0	50.5	-1796.71	2685.57	6.37	1.666e+04	-2306.29	2.446e+05
						101.0	-1796.71	1481.79	6.37	1.666e+04	-1984.73	3.498e+05
305	71	2.940e+05	-1904.49	-0.03	-2127.11	0.0	-1594.32	3323.28	5.91	7994.89	-2501.09	6.577e+04
		6.577e+04	-2501.09	-4.81e-05	0.0	50.5	-1594.32	2259.72	5.91	7994.89	-2202.79	2.067e+05
						101.0	-1594.32	1196.17	5.91	7994.89	-1904.49	2.940e+05
305	72	3.219e+05	-1944.61	-0.04	-2267.33	0.0	-1695.51	3606.31	6.14	1.233e+04	-2564.47	7.217e+04
		7.217e+04	-2564.47	-7.45e-05	0.0	50.5	-1695.51	2472.65	6.14	1.233e+04	-2254.54	2.257e+05
						101.0	-1695.51	1338.98	6.14	1.233e+04	-1944.61	3.219e+05
305	73	2.940e+05	-1904.49	-0.03	-2127.11	0.0	-1594.32	3323.28	5.91	7994.89	-2501.09	6.577e+04
		6.577e+04	-2501.09	-4.81e-05	0.0	50.5	-1594.32	2259.72	5.91	7994.89	-2202.79	2.067e+05
						101.0	-1594.32	1196.17	5.91	7994.89	-1904.49	2.940e+05
305	74	3.107e+05	-1928.57	-0.04	-2211.24	0.0	-1655.03	3493.10	6.05	1.060e+04	-2539.11	6.961e+04
		6.961e+04	-2539.11	-6.39e-05	0.0	50.5	-1655.03	2387.48	6.05	1.060e+04	-2233.84	2.181e+05
						101.0	-1655.03	1281.86	6.05	1.060e+04	-1928.57	3.107e+05
306	2	3.208e+05	3705.30	-0.07	-3185.91	0.0	-2196.18	6594.63	-21.33	3.900e+04	3705.30	-1.843e+05
		-1.843e+05	1551.30	2.71e-03	0.0	50.5	-2196.18	5001.67	-21.33	3.900e+04	2628.30	1.085e+05
						101.0	-2196.18	3408.72	-21.33	3.900e+04	1551.30	3.208e+05
306	3	2.008e+05	2713.68	-0.04	-2127.11	0.0	-1477.96	4232.11	-15.46	1.522e+04	2713.68	-1.193e+05
		-1.193e+05	1152.50	1.99e-03	0.0	50.5	-1477.96	3168.56	-15.46	1.522e+04	1933.09	6.761e+04
						101.0	-1477.96	2105.00	-15.46	1.522e+04	1152.50	2.008e+05
306	9	4.212e+05	1.775e+05	-0.04	-2211.24	0.0	-4987.25	2057.86	-3.80	-8.928e+04	1.606e+05	3.297e+05
		3.297e+05	1.606e+05	-0.08	0.0	50.5	-4987.25	952.24	-3.80	-8.928e+04	1.691e+05	4.029e+05
						101.0	-4987.25	-153.38	-3.80	-8.928e+04	1.775e+05	4.203e+05
306	12	5159.16	-1.551e+05	-0.05	-2211.24	0.0	1921.39	6843.51	-27.61	1.274e+05	-1.551e+05	-5.799e+05
		-5.799e+05	-1.752e+05	0.08	0.0	50.5	1921.39	5737.89	-27.61	1.274e+05	-1.652e+05	-2.595e+05
						101.0	1921.39	4632.27	-27.61	1.274e+05	-1.752e+05	5159.16
306	29	2.856e+05	2.650e+05	-0.05	-2211.24	0.0	-6405.09	3823.17	1271.47	-2.547e+05	1.358e+05	2.969e+04
		2.969e+04	1.358e+05	-0.28	0.0	50.5	-6405.09	2717.55	1271.47	-2.547e+05	2.004e+05	1.856e+05
						101.0	-6405.09	1611.93	1271.47	-2.547e+05	2.650e+05	2.856e+05
306	32	1.399e+05	-1.303e+05	-0.04	-2211.24	0.0	3339.24	5078.20	-1302.88	2.928e+05	-1.303e+05	-2.799e+05
		-2.799e+05	-2.627e+05	0.29	0.0	50.5	3339.24	3972.58	-1302.88	2.928e+05	-1.965e+05	-4.211e+04
						101.0	3339.24	2866.96	-1302.88	2.928e+05	-2.627e+05	1.399e+05
306	41	3.320e+05	9.686e+04	-0.04	-2211.24	0.0	-3455.58	3073.59	-29.28	-3.960e+04	9.010e+04	1.364e+05
		1.364e+05	9.010e+04	-0.04	0.0	50.5	-3455.58	1967.97	-29.28	-3.960e+04	9.348e+04	2.621e+05
						101.0	-3455.58	862.35	-29.28	-3.960e+04	9.686e+04	3.320e+05
306	44	9.344e+04	-8.460e+04	-0.05	-2211.24	0.0	389.72	5827.78	-2.12	7.772e+04	-8.460e+04	-3.867e+05
		-3.867e+05	-9.454e+04	0.04	0.0	50.5	389.72	4722.16	-2.12	7.772e+04	-8.957e+04	-1.187e+05
						101.0	389.72	3616.54	-2.12	7.772e+04	-9.454e+04	9.344e+04
306	61	2.542e+05	1.419e+05	-0.05	-2211.24	0.0	-4134.89	4088.83	665.90	-1.270e+05	7.435e+04	-3.653e+04
		-3.653e+04	7.435e+04	-0.15	0.0	50.5	-4134.89	2983.21	665.90	-1.270e+05	1.081e+05	1.368e+05
						101.0	-4134.89	1877.59	665.90	-1.270e+05	1.419e+05	2.542e+05
306	64	1.713e+05	-6.885e+04	-0.04	-2211.24	0.0	1069.03	4812.54	-697.30	1.651e+05	-6.885e+04	-2.137e+05
		-2.137e+05	-1.396e+05	0.15	0.0	50.5	1069.03	3706.92	-697.30	1.651e+05	-1.042e+05	6693.73
						101.0	1069.03	2601.30	-697.30	1.651e+05	-1.396e+05	1.713e+05
306	69	2.008e+05	2713.68	-0.04	-2127.11	0.0	-1477.96	4232.11	-15.46	1.522e+04	2713.68	-1.193e+05
		-1.193e+05	1152.50	1.99e-03	0.0	50.5	-1477.96	3168.56	-15.46	1.522e+04	1933.09	6.761e+04
						101.0	-1477.96	2105.00	-15.46	1.522e+04	1152.50	2.008e+05
306	70	2.407e+05	2832.02	-0.05	-2407.55	0.0	-1661.18	4960.70	-16.28	2.803e+04	2832.02	-1.388e+05
		-1.388e+05	1187.86	2.07e-03	0.0	50.5	-1661.18	3756.92	-16.28	2.803e+04	2009.94	8.133e+04
						101.0	-1661.18	2553.15	-16.28	2.803e+04	1187.86	2.407e+05
306	71	2.008e+05	2713.68	-0.04	-2127.11	0.0	-1477.96	4232.11	-15.46	1.522e+04	2713.68	-1.193e+05
		-1.193e+05	1152.50	1.99e-03	0.0	50.5	-1477.96	3168.56	-15.46	1.522e+04	1933.09	6.761e+04
						101.0	-1477.96	2105.00	-15.46	1.522e+04	1152.50	2.008e+05
306	72	2.207e+05	2772.85	-0.05	-2267.33	0.0	-1569.57	4596.40	-15.87	2.162e+04	2772.85	-1.290e+05

		-1.290e+05	1170.18	2.03e-03	0.0	50.5	-1569.57	3462.74	-15.87	2.162e+04	1971.52	7.447e+04
						101.0	-1569.57	2329.07	-15.87	2.162e+04	1170.18	2.207e+05
306	73	2.008e+05	2713.68	-0.04	-2127.11	0.0	-1477.96	4232.11	-15.46	1.522e+04	2713.68	-1.193e+05
		-1.193e+05	1152.50	1.99e-03	0.0	50.5	-1477.96	3168.56	-15.46	1.522e+04	1933.09	6.761e+04
						101.0	-1477.96	2105.00	-15.46	1.522e+04	1152.50	2.008e+05
306	74	2.127e+05	2749.18	-0.04	-2211.24	0.0	-1532.93	4450.69	-15.70	1.906e+04	2749.18	-1.251e+05
		-1.251e+05	1163.11	2.02e-03	0.0	50.5	-1532.93	3345.07	-15.70	1.906e+04	1956.15	7.172e+04
						101.0	-1532.93	2239.45	-15.70	1.906e+04	1163.11	2.127e+05
307	1	5.307e+05	666.50	-0.10	-2765.24	0.0	-1679.35	4950.97	7.46	3.990e+04	-87.42	1.703e+05
		1.703e+05	-87.42	-3.40e-04	0.0	50.5	-1679.35	3568.35	7.46	3.990e+04	289.54	3.854e+05
						101.0	-1679.35	2185.73	7.46	3.990e+04	666.50	5.307e+05
307	2	6.357e+05	847.86	-0.12	-3185.91	0.0	-1928.59	5970.69	6.35	7.121e+04	206.78	1.935e+05
		1.935e+05	206.78	-2.78e-04	0.0	50.5	-1928.59	4377.74	6.35	7.121e+04	527.32	4.548e+05
						101.0	-1928.59	2784.78	6.35	7.121e+04	847.86	6.357e+05
307	3	4.082e+05	512.70	-0.08	-2127.11	0.0	-1291.81	3808.44	5.74	3.069e+04	-67.25	1.310e+05
		1.310e+05	-67.25	-2.62e-04	0.0	50.5	-1291.81	2744.89	5.74	3.069e+04	222.73	2.965e+05
						101.0	-1291.81	1681.33	5.74	3.069e+04	512.70	4.082e+05
307	9	6.086e+05	-5.420e+05	-0.09	-2211.24	0.0	-6628.31	2027.75	1960.97	-1.228e+05	-7.194e+05	5.141e+05
		5.141e+05	-7.194e+05	0.02	0.0	50.5	-6628.31	922.13	1960.97	-1.228e+05	-6.307e+05	5.890e+05
						101.0	-6628.31	-183.49	1960.97	-1.228e+05	-5.420e+05	6.080e+05
307	10	6.395e+05	-3.204e+05	-0.07	-2211.24	0.0	-4441.56	1805.69	510.62	1.173e+05	-3.823e+05	5.642e+05
		5.642e+05	-3.823e+05	0.15	0.0	50.5	-4441.56	700.07	510.62	1.173e+05	-3.514e+05	6.280e+05
						101.0	-4441.56	-405.55	510.62	1.173e+05	-3.204e+05	6.360e+05
307	11	2.225e+05	3.823e+05	-0.08	-2211.24	0.0	1758.25	6219.08	-499.58	-4.336e+04	3.823e+05	-2.929e+05
		-2.929e+05	3.215e+05	-0.15	0.0	50.5	1758.25	5113.46	-499.58	-4.336e+04	3.519e+05	-7311.56
						101.0	1758.25	4007.84	-499.58	-4.336e+04	3.215e+05	2.225e+05
307	12	2.505e+05	7.194e+05	-0.07	-2211.24	0.0	3944.99	5997.02	-1949.93	1.967e+05	7.194e+05	-2.428e+05
		-2.428e+05	5.431e+05	-0.02	0.0	50.5	3944.99	4891.40	-1949.93	1.967e+05	6.313e+05	3.177e+04
						101.0	3944.99	3785.78	-1949.93	1.967e+05	5.431e+05	2.505e+05
307	29	4.404e+05	-4.984e+05	-0.11	-2211.24	0.0	-6244.22	3753.78	2791.85	-3.750e+05	-7.271e+05	1.731e+05
		1.731e+05	-7.271e+05	-0.22	0.0	50.5	-6244.22	2648.16	2791.85	-3.750e+05	-6.128e+05	3.347e+05
						101.0	-6244.22	1542.54	2791.85	-3.750e+05	-4.984e+05	4.404e+05
307	32	4.181e+05	7.271e+05	-0.05	-2211.24	0.0	3560.90	4270.99	-2780.81	4.489e+05	7.271e+05	9.818e+04
		9.818e+04	4.995e+05	0.22	0.0	50.5	3560.90	3165.37	-2780.81	4.489e+05	6.133e+05	2.861e+05
						101.0	3560.90	2059.75	-2780.81	4.489e+05	4.995e+05	4.181e+05
307	41	5.326e+05	-3.076e+05	-0.08	-2211.24	0.0	-4322.94	2865.12	1084.91	-4.816e+04	-4.047e+05	3.545e+05
		3.545e+05	-4.047e+05	0.01	0.0	50.5	-4322.94	1759.50	1084.91	-4.816e+04	-3.561e+05	4.715e+05
						101.0	-4322.94	653.88	1084.91	-4.816e+04	-3.076e+05	5.326e+05
307	42	5.479e+05	-1.881e+05	-0.08	-2211.24	0.0	-3169.75	2745.95	311.88	7.841e+04	-2.265e+05	3.816e+05
		3.816e+05	-2.265e+05	0.08	0.0	50.5	-3169.75	1640.33	311.88	7.841e+04	-2.073e+05	4.927e+05
						101.0	-3169.75	534.71	311.88	7.841e+04	-1.881e+05	5.479e+05
307	43	3.106e+05	2.265e+05	-0.08	-2211.24	0.0	486.44	5278.82	-300.84	-4502.98	2.265e+05	-1.103e+05
		-1.103e+05	1.892e+05	-0.08	0.0	50.5	486.44	4173.20	-300.84	-4502.98	2.079e+05	1.280e+05
						101.0	486.44	3067.58	-300.84	-4502.98	1.892e+05	3.106e+05
307	44	3.259e+05	4.047e+05	-0.07	-2211.24	0.0	1639.63	5159.65	-1073.88	1.221e+05	4.047e+05	-8.317e+04
		-8.317e+04	3.087e+05	-0.01	0.0	50.5	1639.63	4054.03	-1073.88	1.221e+05	3.567e+05	1.493e+05
						101.0	1639.63	2948.41	-1073.88	1.221e+05	3.087e+05	3.259e+05
307	69	4.082e+05	512.70	-0.08	-2127.11	0.0	-1291.81	3808.44	5.74	3.069e+04	-67.25	1.310e+05
		1.310e+05	-67.25	-2.62e-04	0.0	50.5	-1291.81	2744.89	5.74	3.069e+04	222.73	2.965e+05
						101.0	-1291.81	1681.33	5.74	3.069e+04	512.70	4.082e+05
307	70	4.782e+05	633.60	-0.09	-2407.55	0.0	-1457.97	4488.25	5.00	5.156e+04	128.89	1.465e+05
		1.465e+05	128.89	-2.20e-04	0.0	50.5	-1457.97	3284.48	5.00	5.156e+04	381.25	3.427e+05
						101.0	-1457.97	2080.70	5.00	5.156e+04	633.60	4.782e+05
307	71	4.082e+05	512.70	-0.08	-2127.11	0.0	-1291.81	3808.44	5.74	3.069e+04	-67.25	1.310e+05
		1.310e+05	-67.25	-2.62e-04	0.0	50.5	-1291.81	2744.89	5.74	3.069e+04	222.73	2.965e+05
						101.0	-1291.81	1681.33	5.74	3.069e+04	512.70	4.082e+05
307	72	4.432e+05	573.15	-0.08	-2267.33	0.0	-1374.89	4148.35	5.37	4.113e+04	30.82	1.387e+05
		1.387e+05	30.82	-2.41e-04	0.0	50.5	-1374.89	3014.68	5.37	4.113e+04	301.99	3.196e+05
						101.0	-1374.89	1881.02	5.37	4.113e+04	573.15	4.432e+05
307	73	4.082e+05	512.70	-0.08	-2127.11	0.0	-1291.81	3808.44	5.74	3.069e+04	-67.25	1.310e+05
		1.310e+05	-67.25	-2.62e-04	0.0	50.5	-1291.81	2744.89	5.74	3.069e+04	222.73	2.965e+05
						101.0	-1291.81	1681.33	5.74	3.069e+04	512.70	4.082e+05
307	74	4.292e+05	548.97	-0.08	-2211.24	0.0	-1341.66	4012.38	5.52	3.696e+04	-8.41	1.357e+05
		1.357e+05	-8.41	-2.49e-04	0.0	50.5	-1341.66	2906.76	5.52	3.696e+04	270.28	3.104e+05
						101.0	-1341.66	1801.14	5.52	3.696e+04	548.97	4.292e+05
308	1	4.543e+04	-807.38	8.87e-03	-812.85	0.0	-383.25	-1509.18	-5.29	7.825e+04	-807.38	4.543e+04
		-1.490e+05	-1344.46	-1.47e-04	0.0	50.8	-383.25	-1915.60	-5.29	7.825e+04	-1075.92	-4.148e+04
						101.5	-383.25	-2322.03	-5.29	7.825e+04	-1344.46	-1.490e+05
308	2	5.316e+04	-685.62	0.01	-867.71	0.0	-369.76	-1987.07	-4.80	1.080e+05	-685.62	5.316e+04
		-1.926e+05	-1173.01	-1.48e-04	0.0	50.8	-369.76	-2420.92	-4.80	1.080e+05	-929.32	-5.871e+04
						101.5	-369.76	-2854.78	-4.80	1.080e+05	-1173.01	-1.926e+05
308	4	4.267e+04	-499.31	9.62e-03	-680.13	0.0	-281.32	-1638.79	-3.58	8.996e+04	-499.31	4.267e+04
		-1.582e+05	-862.75	-1.14e-04	0.0	50.8	-281.32	-1978.86	-3.58	8.996e+04	-681.03	-4.914e+04
						101.5	-281.32	-2318.92	-3.58	8.996e+04	-862.75	-1.582e+05
308	9	-2.225e+05	-1.002e+06	-4.64e-03	-636.24	0.0	-1514.75	-3039.98	-4483.30	2.118e+05	-1.002e+06	-2.225e+05
		-5.627e+05	-1.455e+06	0.12	0.0	50.8	-1514.75	-3358.10	-4483.30	2.118e+05	-1.228e+06	-3.845e+05
						101.5	-1514.75	-3676.22	-4483.30	2.118e+05	-1.455e+06	-5.627e+05

308	12	3.171e+05	1.453e+06	0.02	-636.24	0.0	930.53	527.01	4475.36	-7.954e+04	1.000e+06	2.954e+05
		2.954e+05	1.000e+06	-0.12	0.0	50.8	930.53	208.89	4475.36	-7.954e+04	1.227e+06	3.138e+05
						101.5	930.53	-109.23	4475.36	-7.954e+04	1.453e+06	3.160e+05
308	29	-5.452e+05	-7.958e+05	-0.06	-636.24	0.0	-1387.07	-5227.60	-4115.51	1.011e+05	-7.958e+05	-5.452e+05
		-1.108e+06	-1.213e+06	0.02	0.0	50.8	-1387.07	-5545.72	-4115.51	1.011e+05	-1.004e+06	-8.185e+05
						101.5	-1387.07	-5863.84	-4115.51	1.011e+05	-1.213e+06	-1.108e+06
308	32	8.613e+05	1.211e+06	0.07	-636.24	0.0	802.85	2714.63	4107.57	3.118e+04	7.946e+05	6.182e+05
		6.182e+05	7.946e+05	-0.02	0.0	50.8	802.85	2396.51	4107.57	3.118e+04	1.003e+06	7.478e+05
						101.5	802.85	2078.39	4107.57	3.118e+04	1.211e+06	8.613e+05
308	41	-1.043e+05	-5.671e+05	4.33e-03	-636.24	0.0	-992.07	-2230.57	-2528.59	1.502e+05	-5.671e+05	-1.043e+05
		-3.626e+05	-8.228e+05	0.07	0.0	50.8	-992.07	-2548.69	-2528.59	1.502e+05	-6.949e+05	-2.254e+05
						101.5	-992.07	-2866.81	-2528.59	1.502e+05	-8.228e+05	-3.626e+05
308	44	1.773e+05	8.208e+05	0.01	-636.24	0.0	407.85	-282.40	2520.65	-1.788e+04	5.659e+05	1.773e+05
		1.159e+05	5.659e+05	-0.07	0.0	50.8	407.85	-600.52	2520.65	-1.788e+04	6.934e+05	1.547e+05
						101.5	407.85	-918.64	2520.65	-1.788e+04	8.208e+05	1.159e+05
308	61	-2.769e+05	-4.315e+05	-0.03	-636.24	0.0	-914.23	-3398.97	-2220.48	8.659e+04	-4.315e+05	-2.769e+05
		-6.541e+05	-6.565e+05	0.01	0.0	50.8	-914.23	-3717.09	-2220.48	8.659e+04	-5.440e+05	-4.574e+05
						101.5	-914.23	-4035.21	-2220.48	8.659e+04	-6.565e+05	-6.541e+05
308	64	4.074e+05	6.545e+05	0.04	-636.24	0.0	330.01	885.99	2212.54	4.570e+04	4.304e+05	3.499e+05
		3.499e+05	4.304e+05	-0.01	0.0	50.8	330.01	567.88	2212.54	4.570e+04	5.424e+05	3.867e+05
						101.5	330.01	249.76	2212.54	4.570e+04	6.545e+05	4.074e+05
308	69	3.495e+04	-621.06	6.83e-03	-625.27	0.0	-294.81	-1160.91	-4.07	6.019e+04	-621.06	3.495e+04
		-1.146e+05	-1034.20	-1.13e-04	0.0	50.8	-294.81	-1473.54	-4.07	6.019e+04	-827.63	-3.191e+04
						101.5	-294.81	-1786.18	-4.07	6.019e+04	-1034.20	-1.146e+05
308	70	4.010e+04	-539.89	8.69e-03	-661.84	0.0	-285.82	-1479.50	-3.74	8.004e+04	-539.89	4.010e+04
		-1.437e+05	-919.90	-1.14e-04	0.0	50.8	-285.82	-1810.42	-3.74	8.004e+04	-729.90	-4.340e+04
						101.5	-285.82	-2141.34	-3.74	8.004e+04	-919.90	-1.437e+05
308	71	3.495e+04	-621.06	6.83e-03	-625.27	0.0	-294.81	-1160.91	-4.07	6.019e+04	-621.06	3.495e+04
		-1.146e+05	-1034.20	-1.13e-04	0.0	50.8	-294.81	-1473.54	-4.07	6.019e+04	-827.63	-3.191e+04
						101.5	-294.81	-1786.18	-4.07	6.019e+04	-1034.20	-1.146e+05
308	72	3.752e+04	-580.48	7.76e-03	-643.55	0.0	-290.31	-1320.20	-3.91	7.011e+04	-580.48	3.752e+04
		-1.292e+05	-977.05	-1.13e-04	0.0	50.8	-290.31	-1641.98	-3.91	7.011e+04	-778.76	-3.765e+04
						101.5	-290.31	-1963.76	-3.91	7.011e+04	-977.05	-1.292e+05
308	73	3.495e+04	-621.06	6.83e-03	-625.27	0.0	-294.81	-1160.91	-4.07	6.019e+04	-621.06	3.495e+04
		-1.146e+05	-1034.20	-1.13e-04	0.0	50.8	-294.81	-1473.54	-4.07	6.019e+04	-827.63	-3.191e+04
						101.5	-294.81	-1786.18	-4.07	6.019e+04	-1034.20	-1.146e+05
308	74	3.649e+04	-596.71	7.38e-03	-636.24	0.0	-292.11	-1256.49	-3.97	6.614e+04	-596.71	3.649e+04
		-1.234e+05	-999.91	-1.13e-04	0.0	50.8	-292.11	-1574.61	-3.97	6.614e+04	-798.31	-3.536e+04
						101.5	-292.11	-1892.72	-3.97	6.614e+04	-999.91	-1.234e+05
309	1	3.294e+04	-1224.57	0.03	-812.85	0.0	-344.51	-1787.72	-10.83	4.014e+04	-1224.57	3.294e+04
		-1.898e+05	-2323.76	-6.33e-05	0.0	50.8	-344.51	-2194.14	-10.83	4.014e+04	-1774.17	-6.811e+04
						101.5	-344.51	-2600.57	-10.83	4.014e+04	-2323.76	-1.898e+05
309	2	2.941e+04	-1490.89	0.04	-867.71	0.0	-326.51	-2392.88	-13.05	1.587e+04	-1490.89	2.941e+04
		-2.575e+05	-2815.77	9.44e-05	0.0	50.8	-326.51	-2826.73	-13.05	1.587e+04	-2153.33	-1.031e+05
						101.5	-326.51	-3260.59	-13.05	1.587e+04	-2815.77	-2.575e+05
309	3	2.534e+04	-941.98	0.03	-625.27	0.0	-265.00	-1375.17	-8.33	3.088e+04	-941.98	2.534e+04
		-1.460e+05	-1787.51	-4.87e-05	0.0	50.8	-265.00	-1687.80	-8.33	3.088e+04	-1364.74	-5.240e+04
						101.5	-265.00	-2000.44	-8.33	3.088e+04	-1787.51	-1.460e+05
309	4	2.181e+04	-1208.30	0.03	-680.13	0.0	-247.01	-1980.33	-10.55	6609.20	-1208.30	2.181e+04
		-2.137e+05	-2279.52	9.61e-05	0.0	50.8	-247.01	-2320.39	-10.55	6609.20	-1743.91	-8.733e+04
						101.5	-247.01	-2660.46	-10.55	6609.20	-2279.52	-2.137e+05
309	21	-6.140e+05	9.873e+05	-0.04	-636.24	0.0	425.42	-5008.49	4151.28	-2.100e+04	5.695e+05	-6.140e+05
		-1.155e+06	5.695e+05	-0.11	0.0	50.8	425.42	-5326.62	4151.28	-2.100e+04	7.784e+05	-6.762e+05
						101.5	425.42	-5644.74	4151.28	-2.100e+04	9.873e+05	-1.155e+06
309	24	8.355e+05	-5.715e+05	0.10	-636.24	0.0	-948.23	2016.09	-4168.83	7.305e+04	-5.715e+05	6.632e+05
		6.632e+05	-9.911e+05	0.11	0.0	50.8	-948.23	1697.97	-4168.83	7.305e+04	-7.813e+05	7.574e+05
						101.5	-948.23	1379.85	-4168.83	7.305e+04	-9.911e+05	8.355e+05
309	25	-6.003e+05	1.024e+06	-0.04	-636.24	0.0	362.40	-4942.55	4293.27	-2.831e+04	5.914e+05	-6.003e+05
		-1.134e+06	5.914e+05	-0.11	0.0	50.8	362.40	-5260.67	4293.27	-2.831e+04	8.076e+05	-8.591e+05
						101.5	362.40	-5578.79	4293.27	-2.831e+04	1.024e+06	-1.134e+06
309	28	8.150e+05	-5.934e+05	0.10	-636.24	0.0	-885.22	1950.15	-4310.81	8.036e+04	-5.934e+05	6.495e+05
		6.495e+05	-1.028e+06	0.11	0.0	50.8	-885.22	1632.02	-4310.81	8.036e+04	-8.105e+05	7.404e+05
						101.5	-885.22	1313.90	-4310.81	8.036e+04	-1.028e+06	8.150e+05
309	29	-4.633e+05	8.804e+05	-0.03	-636.24	0.0	475.70	-4203.20	3726.91	-2.307e+04	5.048e+05	-4.633e+05
		-9.222e+05	5.048e+05	-0.11	0.0	50.8	475.70	-4521.32	3726.91	-2.307e+04	6.926e+05	-6.847e+05
						101.5	475.70	-4839.44	3726.91	-2.307e+04	8.804e+05	-9.222e+05
309	32	6.031e+05	-5.068e+05	0.08	-636.24	0.0	-998.51	1210.80	-3744.46	7.512e+04	-5.068e+05	5.126e+05
		5.126e+05	-8.842e+05	0.11	0.0	50.8	-998.51	892.68	-3744.46	7.512e+04	-6.955e+05	5.659e+05
						101.5	-998.51	574.56	-3744.46	7.512e+04	-8.842e+05	6.031e+05
309	53	-3.210e+05	5.234e+05	-0.01	-636.24	0.0	107.52	-3395.21	2203.43	621.76	3.019e+05	-3.210e+05
		-6.979e+05	3.019e+05	-0.06	0.0	50.8	107.52	-3713.33	2203.43	621.76	4.127e+05	-5.014e+05
						101.5	107.52	-4031.45	2203.43	621.76	5.234e+05	-6.979e+05
309	56	3.832e+05	-3.039e+05	0.07	-636.24	0.0	-630.34	402.81	-2220.98	5.143e+04	-3.039e+05	3.703e+05
		3.703e+05	-5.272e+05	0.06	0.0	50.8	-630.34	84.69	-2220.98	5.143e+04	-4.156e+05	3.826e+05
						101.5	-630.34	-233.43	-2220.98	5.143e+04	-5.272e+05	3.788e+05
309	57	-3.131e+05	5.444e+05	-0.01	-636.24	0.0	71.13	-3357.14	2285.41	-3605.33	3.145e+05	-3.131e+05
		-6.861e+05	3.145e+05	-0.06	0.0	50.8	71.13	-3675.26	2285.41	-3605.33	4.294e+05	-4.915e+05

										101.5	71.13	-3993.38	2285.41	-3605.33	5.444e+05	-6.861e+05
309	60	3.729e+05	-3.164e+05	0.06	-636.24	0.0	-593.94	364.74	-2302.96	5.566e+04	-3.164e+05	3.624e+05				
		3.624e+05	-5.481e+05	0.06	0.0	50.8	-593.94	46.62	-2302.96	5.566e+04	-4.323e+05	3.728e+05				
						101.5	-593.94	-271.50	-2302.96	5.566e+04	-5.481e+05	3.670e+05				
309	61	-2.393e+05	4.671e+05	4.78e-03	-636.24	0.0	135.62	-2958.82	1978.32	-570.75	2.679e+05	-2.393e+05				
		-5.720e+05	2.679e+05	-0.06	0.0	50.8	135.62	-3276.94	1978.32	-570.75	3.675e+05	-3.976e+05				
						101.5	135.62	-3595.06	1978.32	-570.75	4.671e+05	-5.720e+05				
309	64	2.886e+05	-2.699e+05	0.06	-636.24	0.0	-658.43	-33.58	-1995.87	5.262e+04	-2.699e+05	2.886e+05				
		2.529e+05	-4.709e+05	0.06	0.0	50.8	-658.43	-351.71	-1995.87	5.262e+04	-3.704e+05	2.788e+05				
						101.5	-658.43	-669.83	-1995.87	5.262e+04	-4.709e+05	2.529e+05				
309	69	2.534e+04	-941.98	0.03	-625.27	0.0	-265.00	-1375.17	-8.33	3.088e+04	-941.98	2.534e+04				
		-1.460e+05	-1787.51	-4.87e-05	0.0	50.8	-265.00	-1687.80	-8.33	3.088e+04	-1364.74	-5.240e+04				
						101.5	-265.00	-2000.44	-8.33	3.088e+04	-1787.51	-1.460e+05				
309	70	2.299e+04	-1119.53	0.03	-661.85	0.0	-253.01	-1778.61	-9.81	1.470e+04	-1119.53	2.299e+04				
		-1.912e+05	-2115.52	6.27e-05	0.0	50.8	-253.01	-2109.53	-9.81	1.470e+04	-1617.52	-7.569e+04				
						101.5	-253.01	-2440.45	-9.81	1.470e+04	-2115.52	-1.912e+05				
309	71	2.534e+04	-941.98	0.03	-625.27	0.0	-265.00	-1375.17	-8.33	3.088e+04	-941.98	2.534e+04				
		-1.460e+05	-1787.51	-4.87e-05	0.0	50.8	-265.00	-1687.80	-8.33	3.088e+04	-1364.74	-5.240e+04				
						101.5	-265.00	-2000.44	-8.33	3.088e+04	-1787.51	-1.460e+05				
309	72	2.416e+04	-1030.75	0.03	-643.56	0.0	-259.01	-1576.89	-9.07	2.279e+04	-1030.75	2.416e+04				
		-1.686e+05	-1951.51	3.43e-05	0.0	50.8	-259.01	-1898.67	-9.07	2.279e+04	-1491.13	-6.404e+04				
						101.5	-259.01	-2220.45	-9.07	2.279e+04	-1951.51	-1.686e+05				
309	73	2.534e+04	-941.98	0.03	-625.27	0.0	-265.00	-1375.17	-8.33	3.088e+04	-941.98	2.534e+04				
		-1.460e+05	-1787.51	-4.87e-05	0.0	50.8	-265.00	-1687.80	-8.33	3.088e+04	-1364.74	-5.240e+04				
						101.5	-265.00	-2000.44	-8.33	3.088e+04	-1787.51	-1.460e+05				
309	74	2.463e+04	-995.24	0.03	-636.24	0.0	-261.41	-1496.20	-8.77	2.603e+04	-995.24	2.463e+04				
		-1.595e+05	-1885.91	2.47e-05	0.0	50.8	-261.41	-1814.32	-8.77	2.603e+04	-1440.58	-5.938e+04				
						101.5	-261.41	-2132.44	-8.77	2.603e+04	-1885.91	-1.595e+05				
310	1	-1.633e+05	-2781.73	9.13e-05	-53.05	0.0	-371.68	-2497.63	-10.13	-8.655e+04	-2781.73	-1.633e+05				
		-1.800e+05	-2848.82	-2.82e-05	0.0	3.3	-371.68	-2524.15	-10.13	-8.655e+04	-2815.28	-1.716e+05				
						6.6	-371.68	-2550.68	-10.13	-8.655e+04	-2848.82	-1.800e+05				
310	2	-2.115e+05	-3105.09	1.41e-04	-56.63	0.0	-337.06	-3265.15	-11.25	-1.291e+05	-3105.09	-2.115e+05				
		-2.333e+05	-3179.60	-2.97e-05	0.0	3.3	-337.06	-3293.47	-11.25	-1.291e+05	-3142.35	-2.223e+05				
						6.6	-337.06	-3321.78	-11.25	-1.291e+05	-3179.60	-2.333e+05				
310	3	-1.256e+05	-2139.80	7.02e-05	-40.81	0.0	-285.91	-1921.25	-7.79	-6.658e+04	-2139.80	-1.256e+05				
		-1.385e+05	-2191.40	-2.17e-05	0.0	3.3	-285.91	-1941.66	-7.79	-6.658e+04	-2165.60	-1.320e+05				
						6.6	-285.91	-1962.06	-7.79	-6.658e+04	-2191.40	-1.385e+05				
310	4	-1.738e+05	-2463.15	1.20e-04	-44.39	0.0	-251.29	-2688.77	-8.91	-1.091e+05	-2463.15	-1.738e+05				
		-1.917e+05	-2522.18	-2.32e-05	0.0	3.3	-251.29	-2710.97	-8.91	-1.091e+05	-2492.67	-1.827e+05				
						6.6	-251.29	-2733.16	-8.91	-1.091e+05	-2522.18	-1.917e+05				
310	6	3.030e+05	-1.505e+06	1.74e-03	-41.53	0.0	831.22	-210.06	-4439.26	6.969e+04	-1.505e+06	3.030e+05				
		3.014e+05	-1.534e+06	1.04e-03	0.0	3.3	831.22	-230.82	-4439.26	6.969e+04	-1.520e+06	3.023e+05				
						6.6	831.22	-251.59	-4439.26	6.969e+04	-1.534e+06	3.014e+05				
310	7	-5.735e+05	1.530e+06	-1.58e-03	-41.53	0.0	-1389.19	-3939.45	4423.23	-2.199e+05	1.501e+06	-5.735e+05				
		-5.997e+05	1.501e+06	-1.09e-03	0.0	3.3	-1389.19	-3960.22	4423.23	-2.199e+05	1.515e+06	-5.866e+05				
						6.6	-1389.19	-3980.98	4423.23	-2.199e+05	1.530e+06	-5.997e+05				
310	9	-1.812e+05	-1.037e+06	-2.09e-03	-41.53	0.0	1021.61	-2236.06	-2776.20	7.470e+04	-1.037e+06	-1.812e+05				
		-1.962e+05	-1.055e+06	1.81e-03	0.0	3.3	1021.61	-2256.82	-2776.20	7.470e+04	-1.046e+06	-1.886e+05				
						6.6	1021.61	-2277.58	-2776.20	7.470e+04	-1.055e+06	-1.962e+05				
310	12	-8.931e+04	1.051e+06	2.25e-03	-41.53	0.0	-1579.58	-1913.46	2760.18	-2.249e+05	1.033e+06	-8.931e+04				
		-1.021e+05	1.033e+06	-1.85e-03	0.0	3.3	-1579.58	-1934.22	2760.18	-2.249e+05	1.042e+06	-9.567e+04				
						6.6	-1579.58	-1954.98	2760.18	-2.249e+05	1.051e+06	-1.021e+05				
310	22	8.495e+05	-1.216e+06	7.16e-03	-41.53	0.0	-185.01	2020.44	-4049.98	-3.895e+04	-1.216e+06	8.362e+05				
		8.362e+05	-1.243e+06	-2.46e-03	0.0	3.3	-185.01	1999.67	-4049.98	-3.895e+04	-1.230e+06	8.429e+05				
						6.6	-185.01	1978.91	-4049.98	-3.895e+04	-1.243e+06	8.495e+05				
310	23	-1.107e+06	1.238e+06	-7.00e-03	-41.53	0.0	-372.95	-6169.95	4033.95	-1.112e+05	1.212e+06	-1.107e+06				
		-1.148e+06	1.212e+06	2.41e-03	0.0	3.3	-372.95	-6190.71	4033.95	-1.112e+05	1.225e+06	-1.127e+06				
						6.6	-372.95	-6211.48	4033.95	-1.112e+05	1.238e+06	-1.148e+06				
310	38	1.037e+05	-8.525e+05	9.12e-04	-41.53	0.0	367.61	-1053.75	-2506.48	8416.27	-8.525e+05	1.037e+05				
		9.651e+04	-8.690e+05	7.10e-04	0.0	3.3	367.61	-1074.51	-2506.48	8416.27	-8.607e+05	1.001e+05				
						6.6	367.61	-1095.28	-2506.48	8416.27	-8.690e+05	9.651e+04				
310	39	-3.742e+05	8.645e+05	-7.52e-04	-41.53	0.0	-925.58	-3095.76	2490.45	-1.586e+05	8.481e+05	-3.742e+05				
		-3.948e+05	8.481e+05	-7.54e-04	0.0	3.3	-925.58	-3116.53	2490.45	-1.586e+05	8.563e+05	-3.844e+05				
						6.6	-925.58	-3137.29	2490.45	-1.586e+05	8.645e+05	-3.948e+05				
310	41	-1.574e+05	-6.057e+05	-1.14e-03	-41.53	0.0	474.10	-2148.24	-1629.05	1.118e+04	-6.057e+05	-1.574e+05				
		-1.718e+05	-6.164e+05	1.07e-03	0.0	3.3	474.10	-2169.01	-1629.05	1.118e+04	-6.110e+05	-1.645e+05				
						6.6	474.10	-2189.77	-1629.05	1.118e+04	-6.164e+05	-1.718e+05				
310	44	-1.131e+05	6.119e+05	1.30e-03	-41.53	0.0	-1032.07	-2001.27	1613.03	-1.614e+05	6.013e+05	-1.131e+05				
		-1.265e+05	6.013e+05	-1.11e-03	0.0	3.3	-1032.07	-2022.03	1613.03	-1.614e+05	6.066e+05	-1.198e+05				
						6.6	-1032.07	-2042.79	1613.03	-1.614e+05	6.119e+05	-1.265e+05				
310	54	3.904e+05	-6.597e+05	3.85e-03	-41.53	0.0	-213.05	143.35	-2187.79	-5.397e+04	-6.597e+05	3.896e+05				
		3.896e+05	-6.742e+05	-1.15e-03	0.0	3.3	-213.05	122.59	-2187.79	-5.397e+04	-6.670e+05	3.901e+05				
						6.6	-213.05	101.82	-2187.79	-5.397e+04	-6.742e+05	3.904e+05				
310	55	-6.601e+05	6.697e+05	-3.69e-03	-41.53	0.0	-344.92	-4292.86	2171.77	-9.620e+04	6.553e+05	-6.601e+05				
		-6.887e+05	6.553e+05	1.11e-03	0.0	3.3	-344.92	-4313.63	2171.77	-9.620e+04	6.625e+05	-6.744e+05				
						6.6	-344.92	-4334.39	2171.77	-9.620e+04	6.697e+05	-6.887e+05				
310	69	-1.256e+05	-2139.80	7.02e-05	-40.81	0.0	-285.91	-1921.25	-7.79	-6.658e+04	-2139.80	-1.256e+05				

		-1.385e+05	-2191.40	-2.17e-05	0.0	3.3	-285.91	-1941.66	-7.79-6.658e+04	-2165.60-1.320e+05
						6.6	-285.91	-1962.06	-7.79-6.658e+04	-2191.40-1.385e+05
310	70	-1.577e+05	-2355.37	1.04e-04	-43.20	0.0	-262.83	-2432.93	-8.54-9.493e+04	-2355.37-1.577e+05
		-1.740e+05	-2411.92	-2.27e-05	0.0	3.3	-262.83	-2454.53	-8.54-9.493e+04	-2383.65-1.658e+05
						6.6	-262.83	-2476.13	-8.54-9.493e+04	-2411.92-1.740e+05
310	71	-1.256e+05	-2139.80	7.02e-05	-40.81	0.0	-285.91	-1921.25	-7.79-6.658e+04	-2139.80-1.256e+05
		-1.385e+05	-2191.40	-2.17e-05	0.0	3.3	-285.91	-1941.66	-7.79-6.658e+04	-2165.60-1.320e+05
						6.6	-285.91	-1962.06	-7.79-6.658e+04	-2191.40-1.385e+05
310	72	-1.417e+05	-2247.58	8.70e-05	-42.00	0.0	-274.37	-2177.09	-8.16-8.076e+04	-2247.58-1.417e+05
		-1.562e+05	-2301.66	-2.22e-05	0.0	3.3	-274.37	-2198.09	-8.16-8.076e+04	-2274.62-1.489e+05
						6.6	-274.37	-2219.10	-8.16-8.076e+04	-2301.66-1.562e+05
310	73	-1.256e+05	-2139.80	7.02e-05	-40.81	0.0	-285.91	-1921.25	-7.79-6.658e+04	-2139.80-1.256e+05
		-1.385e+05	-2191.40	-2.17e-05	0.0	3.3	-285.91	-1941.66	-7.79-6.658e+04	-2165.60-1.320e+05
						6.6	-285.91	-1962.06	-7.79-6.658e+04	-2191.40-1.385e+05
310	74	-1.352e+05	-2204.47	8.03e-05	-41.53	0.0	-278.98	-2074.76	-8.01-7.509e+04	-2204.47-1.352e+05
		-1.491e+05	-2257.56	-2.20e-05	0.0	3.3	-278.98	-2095.52	-8.01-7.509e+04	-2231.01-1.422e+05
						6.6	-278.98	-2116.28	-8.01-7.509e+04	-2257.56-1.491e+05
311	2	-1.752e+05	7063.84	-0.04	-1987.95	0.0	-2371.92	8069.52	-24.68-5.464e+04	7063.84-9.028e+05
		-9.028e+05	4570.79	1.97e-03	0.0	50.5	-2371.92	7255.17	-24.68-5.464e+04	5817.31-5.122e+05
						101.0	-2371.92	6081.57	-24.68-5.464e+04	4570.79-1.752e+05
311	3	-1.139e+05	4914.80	-0.03	-1350.84	0.0	-1584.31	5133.55	-17.39-1.772e+04	4914.80-5.725e+05
		-5.725e+05	3158.46	1.48e-03	0.0	50.5	-1584.31	4574.52	-17.39-1.772e+04	4036.63-3.250e+05
						101.0	-1584.31	3782.70	-17.39-1.772e+04	3158.46-1.139e+05
311	13	1.830e+05-1.071e+05		-0.05	-1397.21	0.0	4514.31	3788.43	633.59-1.338e+05-1.919e+05	-1.379e+05-1.919e+05
		-1.379e+05-1.919e+05		-0.11	0.0	50.5	4514.31	3211.88	633.59-1.338e+05-1.495e+05	4.134e+04
						101.0	4514.31	2391.22	633.59-1.338e+05-1.071e+05	1.830e+05
311	16	-4.215e+05 2.020e+05	7.74e-03	-1397.21	0.0	0.0	-7807.86	7037.02	-669.20 8.572e+04 2.020e+05	-1.071e+06
		-1.071e+06 1.136e+05	0.11	0.0	50.5	-7807.86	6460.48	-669.20 8.572e+04 1.578e+05	-7.272e+05	
					101.0	-7807.86	5639.81	-669.20 8.572e+04 1.136e+05	-4.215e+05	
311	18	2.032e+05-1.411e+05		-0.06	-1397.21	0.0	717.14	3693.31	-221.52 3.252e+04 -1.411e+05	-1.081e+05
		-1.081e+05-1.740e+05	0.07	0.0	50.5	717.14	3116.76	-221.52 3.252e+04 -1.575e+05	6.639e+04	
					101.0	717.14	2296.09	-221.52 3.252e+04 -1.740e+05	2.032e+05	
311	19	-4.418e+05 1.805e+05		0.01	-1397.21	0.0	-4010.69	7132.15	185.91-8.061e+04 1.512e+05	-1.100e+06
		-1.100e+06 1.512e+05	-0.07	0.0	50.5	-4010.69	6555.60	185.91-8.061e+04 1.658e+05	-7.523e+05	
					101.0	-4010.69	5734.93	185.91-8.061e+04 1.805e+05	-4.418e+05	
311	33	-6.819e+04 7.772e+04		-0.03	-1397.21	0.0	6050.98	5116.03	1681.31-2.935e+05-1.049e+05	-5.230e+05
		-5.230e+05-1.049e+05	-0.30	0.0	50.5	6050.98	4539.48	1681.31-2.935e+05-1.357e+04	-2.768e+05	
					101.0	6050.98	3718.81	1681.31-2.935e+05 7.772e+04	-6.819e+04	
311	36	-1.704e+05 1.150e+05		-0.03	-1397.21	0.0	-9344.53	5709.43	-1716.92 2.454e+05 1.150e+05	-6.854e+05
		-6.854e+05-7.122e+04	0.31	0.0	50.5	-9344.53	5132.88	-1716.92 2.454e+05 2.187e+04	-4.091e+05	
					101.0	-9344.53	4312.21	-1716.92 2.454e+05-7.122e+04	-1.704e+05	
311	45	5.529e+04-6.088e+04		-0.04	-1397.21	0.0	1813.56	4474.97	337.96-8.327e+04-1.079e+05	-3.349e+05
		-3.349e+05-1.079e+05	-0.06	0.0	50.5	1813.56	3898.43	337.96-8.327e+04-8.437e+04	-1.210e+05	
					101.0	1813.56	3077.76	337.96-8.327e+04-6.088e+04	5.529e+04	
311	48	-2.939e+05 1.180e+05		-0.02	-1397.21	0.0	-5107.11	6350.48	-373.57 3.518e+04 1.180e+05	-8.735e+05
		-8.735e+05 6.739e+04	0.06	0.0	50.5	-5107.11	5773.94	-373.57 3.518e+04 9.267e+04	-5.649e+05	
					101.0	-5107.11	4953.27	-373.57 3.518e+04 6.739e+04	-2.939e+05	
311	50	6.634e+04-7.978e+04		-0.05	-1397.21	0.0	-188.29	4422.54	-115.11 5148.99-7.978e+04	-3.186e+05
		-3.186e+05-9.741e+04	0.04	0.0	50.5	-188.29	3846.00	-115.11 5148.99-8.859e+04	-1.073e+05	
					101.0	-188.29	3025.33	-115.11 5148.99-9.741e+04	6.634e+04	
311	51	-3.049e+05 1.039e+05		-0.01	-1397.21	0.0	-3105.26	6402.91	79.50-5.324e+04 8.988e+04	-8.898e+05
		-8.898e+05 8.988e+04	-0.03	0.0	50.5	-3105.26	5826.36	79.50-5.324e+04 9.690e+04	-5.786e+05	
					101.0	-3105.26	5005.70	79.50-5.324e+04 1.039e+05	-3.049e+05	
311	65	-8.837e+04 4.054e+04		-0.03	-1397.21	0.0	2474.84	5235.92	888.19-1.677e+05-5.685e+04	-5.554e+05
		-5.554e+05-5.685e+04	-0.16	0.0	50.5	2474.84	4659.37	888.19-1.677e+05-8156.21	-3.031e+05	
					101.0	2474.84	3838.70	888.19-1.677e+05 4.054e+04	-8.837e+04	
311	68	-1.502e+05 6.695e+04		-0.03	-1397.21	0.0	-5768.39	5589.54	-923.80 1.196e+05 6.695e+04	-6.531e+05
		-6.531e+05-3.403e+04	0.16	0.0	50.5	-5768.39	5012.99	-923.80 1.196e+05 1.646e+04	-3.828e+05	
					101.0	-5768.39	4192.32	-923.80 1.196e+05-3.403e+04	-1.502e+05	
311	69	-1.139e+05 4914.80		-0.03	-1350.84	0.0	-1584.31	5133.55	-17.39-1.772e+04 4914.80	-5.725e+05
		-5.725e+05 3158.46	1.48e-03	0.0	50.5	-1584.31	4574.52	-17.39-1.772e+04 4036.63	-3.250e+05	
					101.0	-1584.31	3782.70	-17.39-1.772e+04 3158.46	-1.139e+05	
311	70	-1.320e+05 5364.53		-0.03	-1505.41	0.0	-1792.52	6064.15	-18.77-3.879e+04 5364.53	-6.782e+05
		-6.782e+05 3468.32	1.51e-03	0.0	50.5	-1792.52	5446.72	-18.77-3.879e+04 4416.42	-3.848e+05	
					101.0	-1792.52	4558.74	-18.77-3.879e+04 3468.32	-1.320e+05	
311	71	-1.139e+05 4914.80		-0.03	-1350.84	0.0	-1584.31	5133.55	-17.39-1.772e+04 4914.80	-5.725e+05
		-5.725e+05 3158.46	1.48e-03	0.0	50.5	-1584.31	4574.52	-17.39-1.772e+04 4036.63	-3.250e+05	
					101.0	-1584.31	3782.70	-17.39-1.772e+04 3158.46	-1.139e+05	
311	72	-1.229e+05 5139.66		-0.03	-1428.13	0.0	-1688.42	5598.85	-18.08-2.826e+04 5139.66	-6.254e+05
		-6.254e+05 3313.39	1.50e-03	0.0	50.5	-1688.42	5010.62	-18.08-2.826e+04 4226.53	-3.549e+05	
					101.0	-1688.42	4170.72	-18.08-2.826e+04 3313.39	-1.229e+05	
311	73	-1.139e+05 4914.80		-0.03	-1350.84	0.0	-1584.31	5133.55	-17.39-1.772e+04 4914.80	-5.725e+05
		-5.725e+05 3158.46	1.48e-03	0.0	50.5	-1584.31	4574.52	-17.39-1.772e+04 4036.63	-3.250e+05	
					101.0	-1584.31	3782.70	-17.39-1.772e+04 3158.46	-1.139e+05	
311	74	-1.193e+05 5049.72		-0.03	-1397.21	0.0	-1646.78	5412.73	-17.80-2.404e+04 5049.72	-6.042e+05
		-6.042e+05 3251.42	1.49e-03	0.0	50.5	-1646.78	4836.18	-17.80-2.404e+04 4150.57	-3.430e+05	
					101.0	-1646.78	4015.51	-17.80-2.404e+04 3251.42	-1.193e+05	

312	2	1.145e+05	-4077.92	-0.07	-3416.30	0.0	-3205.02	9360.97	10.62	-4.668e+04	-5150.82	-6.584e+05
		-6.584e+05	-5150.82	5.39e-04	0.0	50.5	-3205.02	7652.82	10.62	-4.668e+04	-4614.37	-2.288e+05
						101.0	-3205.02	5944.67	10.62	-4.668e+04	-4077.92	1.145e+05
312	3	7.164e+04	-2853.25	-0.05	-2276.40	0.0	-2134.16	5985.31	7.27	-1.586e+04	-3587.37	-4.179e+05
		-4.179e+05	-3587.37	4.17e-04	0.0	50.5	-2134.16	4847.12	7.27	-1.586e+04	-3220.31	-1.444e+05
						101.0	-2134.16	3708.92	7.27	-1.586e+04	-2853.25	7.164e+04
312	18	3.469e+05	1.717e+04	-0.06	-2367.79	0.0	-785.27	4557.04	-683.75	-1.638e+04	1.717e+04	6141.86
		6141.86	-4.562e+04	0.03	0.0	50.5	-785.27	3373.15	-683.75	-1.638e+04	-1.422e+04	2.064e+05
						101.0	-785.27	2189.25	-683.75	-1.638e+04	-4.562e+04	3.469e+05
312	19	-1.950e+05	3.977e+04	-0.04	-2367.79	0.0	-3655.29	8045.61	698.75	-2.577e+04	-2.454e+04	-8.880e+05
		-8.880e+05	-2.454e+04	-0.03	0.0	50.5	-3655.29	6861.71	698.75	-2.577e+04	7613.15	-5.116e+05
						101.0	-3655.29	5677.82	698.75	-2.577e+04	3.977e+04	-1.950e+05
312	25	1.313e+05	2.180e+05	-0.05	-2367.79	0.0	4813.25	5931.53	1787.07	-8.307e+04	4.999e+04	-3.481e+05
		-3.481e+05	4.999e+04	-0.14	0.0	50.5	4813.25	4747.63	1787.07	-8.307e+04	1.340e+05	-7.851e+04
						101.0	4813.25	3563.73	1787.07	-8.307e+04	2.180e+05	1.313e+05
312	28	2.053e+04	-5.736e+04	-0.05	-2367.79	0.0	-9253.81	6671.13	-1772.07	4.093e+04	-5.736e+04	-5.338e+05
		-5.338e+05	-2.238e+05	0.14	0.0	50.5	-9253.81	5487.23	-1772.07	4.093e+04	-1.406e+05	-2.267e+05
						101.0	-9253.81	4303.33	-1772.07	4.093e+04	-2.238e+05	2.053e+04
312	29	6.949e+04	2.912e+05	-0.05	-2367.79	0.0	-8434.70	6340.77	1455.73	6.020e+04	1.513e+05	-4.513e+05
		-4.513e+05	1.513e+05	-0.06	0.0	50.5	-8434.70	5156.87	1455.73	6.020e+04	2.212e+05	-1.610e+05
						101.0	-8434.70	3972.97	1455.73	6.020e+04	2.912e+05	6.949e+04
312	32	8.234e+04	-1.586e+05	-0.05	-2367.79	0.0	-8484.26	6261.89	-1440.72	-1.023e+05	-1.586e+05	-4.306e+05
		-4.306e+05	-2.970e+05	0.06	0.0	50.5	-8484.26	5077.99	-1440.72	-1.023e+05	-2.278e+05	-1.442e+05
						101.0	-8484.26	3894.09	-1440.72	-1.023e+05	-2.970e+05	8.234e+04
312	50	2.318e+05	9008.94	-0.06	-2367.79	0.0	-1304.13	5297.38	-370.18	-1.837e+04	9008.94	-1.837e+05
		-1.837e+05	-2.483e+04	0.02	0.0	50.5	-1304.13	4113.49	-370.18	-1.837e+04	-7908.65	5.396e+04
						101.0	-1304.13	2929.59	-370.18	-1.837e+04	-2.483e+04	2.318e+05
312	51	-7.997e+04	1.897e+04	-0.04	-2367.79	0.0	-3136.43	7305.27	385.19	-2.378e+04	-1.638e+04	-6.982e+05
		-6.982e+05	-1.638e+04	-0.01	0.0	50.5	-3136.43	6121.37	385.19	-2.378e+04	1296.84	-3.592e+05
						101.0	-3136.43	4937.47	385.19	-2.378e+04	1.897e+04	-7.997e+04
312	57	1.086e+05	1.156e+05	-0.05	-2367.79	0.0	1535.68	6084.26	961.12	-5.496e+04	2.594e+04	-3.863e+05
		-3.863e+05	2.594e+04	-0.07	0.0	50.5	1535.68	4900.37	961.12	-5.496e+04	7.078e+04	-1.090e+05
						101.0	1535.68	3716.47	961.12	-5.496e+04	1.156e+05	1.086e+05
312	60	4.327e+04	-3.330e+04	-0.05	-2367.79	0.0	-5976.24	6518.39	-946.11	1.282e+04	-3.330e+04	-4.956e+05
		-4.956e+05	-1.215e+05	0.07	0.0	50.5	-5976.24	5334.49	-946.11	1.282e+04	-7.740e+04	-1.963e+05
						101.0	-5976.24	4150.59	-946.11	1.282e+04	-1.215e+05	4.327e+04
312	65	1.012e+05	1.565e+05	-0.05	-2367.79	0.0	1500.67	6137.96	779.76	1.751e+04	8.173e+04	-3.992e+05
		-3.992e+05	8.173e+04	-0.04	0.0	50.5	1500.67	4954.06	779.76	1.751e+04	1.191e+05	-1.191e+05
						101.0	1500.67	3770.16	779.76	1.751e+04	1.565e+05	1.012e+05
312	68	5.067e+04	-8.910e+04	-0.05	-2367.79	0.0	-5941.22	6464.69	-764.75	-5.965e+04	-8.910e+04	-4.827e+05
		-4.827e+05	-1.623e+05	0.04	0.0	50.5	-5941.22	5280.80	-764.75	-5.965e+04	-1.257e+05	-1.861e+05
						101.0	-5941.22	4096.90	-764.75	-5.965e+04	-1.623e+05	5.067e+04
312	69	7.164e+04	-2853.25	-0.05	-2276.40	0.0	-2134.16	5985.31	7.27	-1.586e+04	-3587.37	-4.179e+05
		-4.179e+05	-3587.37	4.17e-04	0.0	50.5	-2134.16	4847.12	7.27	-1.586e+04	-3220.31	-1.444e+05
						101.0	-2134.16	3708.92	7.27	-1.586e+04	-2853.25	7.164e+04
312	70	8.589e+04	-3099.05	-0.06	-2581.05	0.0	-2421.24	7038.69	8.05	-3.323e+04	-3912.20	-4.947e+05
		-4.947e+05	-3912.20	4.15e-04	0.0	50.5	-2421.24	5748.16	8.05	-3.323e+04	-3505.62	-1.718e+05
						101.0	-2421.24	4457.64	8.05	-3.323e+04	-3099.05	8.589e+04
312	71	7.164e+04	-2853.25	-0.05	-2276.40	0.0	-2134.16	5985.31	7.27	-1.586e+04	-3587.37	-4.179e+05
		-4.179e+05	-3587.37	4.17e-04	0.0	50.5	-2134.16	4847.12	7.27	-1.586e+04	-3220.31	-1.444e+05
						101.0	-2134.16	3708.92	7.27	-1.586e+04	-2853.25	7.164e+04
312	72	7.877e+04	-2976.15	-0.05	-2428.72	0.0	-2277.70	6512.00	7.66	-2.455e+04	-3749.78	-4.563e+05
		-4.563e+05	-3749.78	4.16e-04	0.0	50.5	-2277.70	5297.64	7.66	-2.455e+04	-3362.97	-1.581e+05
						101.0	-2277.70	4083.28	7.66	-2.455e+04	-2976.15	7.877e+04
312	73	7.164e+04	-2853.25	-0.05	-2276.40	0.0	-2134.16	5985.31	7.27	-1.586e+04	-3587.37	-4.179e+05
		-4.179e+05	-3587.37	4.17e-04	0.0	50.5	-2134.16	4847.12	7.27	-1.586e+04	-3220.31	-1.444e+05
						101.0	-2134.16	3708.92	7.27	-1.586e+04	-2853.25	7.164e+04
312	74	7.592e+04	-2926.99	-0.05	-2367.79	0.0	-2220.28	6301.33	7.50	-2.107e+04	-3684.82	-4.409e+05
		-4.409e+05	-3684.82	4.17e-04	0.0	50.5	-2220.28	5117.43	7.50	-2.107e+04	-3305.90	-1.526e+05
						101.0	-2220.28	3933.53	7.50	-2.107e+04	-2926.99	7.592e+04
313	1	2.174e+05	-393.54	-0.05	-2959.32	0.0	-2695.54	6540.71	3.35	-1.510e+04	-731.41	-2.938e+05
		-2.938e+05	-731.41	-1.40e-03	0.0	50.5	-2695.54	5061.06	3.35	-1.510e+04	-562.47	-848.97
						101.0	-2695.54	3581.40	3.35	-1.510e+04	-393.54	2.174e+05
313	2	2.651e+05	-335.79	-0.06	-3416.30	0.0	-3103.95	7866.62	3.10	-3.513e+04	-648.62	-3.569e+05
		-3.569e+05	-648.62	-1.51e-03	0.0	50.5	-3103.95	6158.47	3.10	-3.513e+04	-492.20	-2804.25
						101.0	-3103.95	4450.32	3.10	-3.513e+04	-335.79	2.651e+05
313	3	1.672e+05	-302.72	-0.03	-2276.40	0.0	-2073.49	5031.32	2.57	-1.161e+04	-562.63	-2.260e+05
		-2.260e+05	-562.63	-1.07e-03	0.0	50.5	-2073.49	3893.12	2.57	-1.161e+04	-432.67	-653.06
						101.0	-2073.49	2754.92	2.57	-1.161e+04	-302.72	1.672e+05
313	4	2.149e+05	-244.97	-0.05	-2733.38	0.0	-2481.91	6357.22	2.33	-3.164e+04	-479.84	-2.891e+05
		-2.891e+05	-479.84	-1.19e-03	0.0	50.5	-2481.91	4990.53	2.33	-3.164e+04	-362.40	-2608.34
						101.0	-2481.91	3623.84	2.33	-3.164e+04	-244.97	2.149e+05
313	18	3.900e+05	-5.719e+04	-0.04	-2367.79	0.0	-1557.01	3556.42	66.28	-9.310e+04	-1.007e+05	1.503e+05
		1.503e+05	-1.007e+05	-0.06	0.0	50.5	-1557.01	2372.53	66.28	-9.310e+04	-7.897e+04	3.001e+05
						101.0	-1557.01	1188.63	66.28	-9.310e+04	-5.719e+04	3.900e+05
313	19	-3.650e+04	9.966e+04	-0.03	-2367.79	0.0	-2753.35	7036.57	-61.23	6.186e+04	9.966e+04	-6.276e+05
		-6.276e+05	5.661e+04	0.06	0.0	50.5	-2753.35	5852.68	-61.23	6.186e+04	7.813e+04	-3.021e+05

						101.0	-2753.35	4668.78	-61.23	6.186e+04	5.661e+04	-3.650e+04
313	21	1.758e+05	3.751e+05	-0.04	-2367.79	0.0	3792.51	5247.32	758.21	2.714e+05	2.885e+05	-2.344e+05
		-2.344e+05	2.885e+05	0.13	0.0	50.5	3792.51	4063.43	758.21	2.714e+05	3.318e+05	630.07
						101.0	3792.51	2879.53	758.21	2.714e+05	3.751e+05	1.758e+05
313	24	1.777e+05	-2.896e+05	-0.03	-2367.79	0.0	-8102.87	5345.67	-753.17	-3.026e+05	-2.896e+05	-2.429e+05
		-2.429e+05	-3.757e+05	-0.14	0.0	50.5	-8102.87	4161.78	-753.17	-3.026e+05	-3.327e+05	-2718.30
						101.0	-8102.87	2977.88	-753.17	-3.026e+05	-3.757e+05	1.777e+05
313	25	2.137e+05	3.654e+05	-0.04	-2367.79	0.0	4294.57	4938.10	724.56	2.681e+05	2.900e+05	-1.653e+05
		-1.653e+05	2.900e+05	0.14	0.0	50.5	4294.57	3754.21	724.56	2.681e+05	3.277e+05	5.407e+04
						101.0	4294.57	2570.31	724.56	2.681e+05	3.654e+05	2.137e+05
313	28	1.398e+05	-2.911e+05	-0.03	-2367.79	0.0	-8604.93	5654.89	-719.52	-2.993e+05	-2.911e+05	-3.119e+05
		-3.119e+05	-3.660e+05	-0.15	0.0	50.5	-8604.93	4471.00	-719.52	-2.993e+05	-3.286e+05	-5.616e+04
						101.0	-8604.93	3287.10	-719.52	-2.993e+05	-3.660e+05	1.398e+05
313	50	2.994e+05	-2.965e+04	-0.04	-2367.79	0.0	-1729.41	4295.11	40.73	-5.637e+04	-5.462e+04	-1.489e+04
		-1.489e+04	-5.462e+04	-0.03	0.0	50.5	-1729.41	3111.22	40.73	-5.637e+04	-4.214e+04	1.721e+05
						101.0	-1729.41	1927.32	40.73	-5.637e+04	-2.965e+04	2.994e+05
313	51	5.413e+04	5.353e+04	-0.04	-2367.79	0.0	-2580.95	6297.88	-35.68	2.513e+04	5.353e+04	-4.624e+05
		-4.624e+05	2.907e+04	0.03	0.0	50.5	-2580.95	5113.99	-35.68	2.513e+04	4.130e+04	-1.742e+05
						101.0	-2580.95	3930.09	-35.68	2.513e+04	2.907e+04	5.413e+04
313	53	1.771e+05	2.006e+05	-0.04	-2367.79	0.0	986.64	5263.64	405.53	1.374e+05	1.542e+05	-2.348e+05
		-2.348e+05	1.542e+05	0.07	0.0	50.5	986.64	4079.74	405.53	1.374e+05	1.774e+05	1049.26
						101.0	986.64	2895.85	405.53	1.374e+05	2.006e+05	1.771e+05
313	56	1.764e+05	-1.553e+05	-0.04	-2367.79	0.0	-5297.00	5329.36	-400.48	-1.686e+05	-1.553e+05	-2.424e+05
		-2.424e+05	-2.011e+05	-0.07	0.0	50.5	-5297.00	4145.46	-400.48	-1.686e+05	-1.782e+05	-3137.49
						101.0	-5297.00	2961.56	-400.48	-1.686e+05	-2.011e+05	1.764e+05
313	57	1.989e+05	1.951e+05	-0.04	-2367.79	0.0	1278.13	5085.46	387.75	1.356e+05	1.550e+05	-1.950e+05
		-1.950e+05	1.550e+05	0.08	0.0	50.5	1278.13	3901.56	387.75	1.356e+05	1.751e+05	3.185e+04
						101.0	1278.13	2717.66	387.75	1.356e+05	1.951e+05	1.989e+05
313	60	1.546e+05	-1.561e+05	-0.03	-2367.79	0.0	-5588.48	5507.54	-382.71	-1.668e+05	-1.561e+05	-2.822e+05
		-2.822e+05	-1.957e+05	-0.08	0.0	50.5	-5588.48	4323.65	-382.71	-1.668e+05	-1.759e+05	-3.393e+04
						101.0	-5588.48	3139.75	-382.71	-1.668e+05	-1.957e+05	1.546e+05
313	69	1.672e+05	-302.72	-0.03	-2276.40	0.0	-2073.49	5031.32	2.57	-1.161e+04	-562.63	-2.260e+05
		-2.260e+05	-562.63	-1.07e-03	0.0	50.5	-2073.49	3893.12	2.57	-1.161e+04	-432.67	-653.06
						101.0	-2073.49	2754.92	2.57	-1.161e+04	-302.72	1.672e+05
313	70	1.990e+05	-264.22	-0.04	-2581.05	0.0	-2345.77	5915.25	2.41	-2.497e+04	-507.43	-2.681e+05
		-2.681e+05	-507.43	-1.15e-03	0.0	50.5	-2345.77	4624.73	2.41	-2.497e+04	-385.83	-1956.58
						101.0	-2345.77	3334.20	2.41	-2.497e+04	-264.22	1.990e+05
313	71	1.672e+05	-302.72	-0.03	-2276.40	0.0	-2073.49	5031.32	2.57	-1.161e+04	-562.63	-2.260e+05
		-2.260e+05	-562.63	-1.07e-03	0.0	50.5	-2073.49	3893.12	2.57	-1.161e+04	-432.67	-653.06
						101.0	-2073.49	2754.92	2.57	-1.161e+04	-302.72	1.672e+05
313	72	1.831e+05	-283.47	-0.04	-2428.72	0.0	-2209.63	5473.29	2.49	-1.829e+04	-535.03	-2.470e+05
		-2.470e+05	-535.03	-1.11e-03	0.0	50.5	-2209.63	4258.92	2.49	-1.829e+04	-409.25	-1304.82
						101.0	-2209.63	3044.56	2.49	-1.829e+04	-283.47	1.831e+05
313	73	1.672e+05	-302.72	-0.03	-2276.40	0.0	-2073.49	5031.32	2.57	-1.161e+04	-562.63	-2.260e+05
		-2.260e+05	-562.63	-1.07e-03	0.0	50.5	-2073.49	3893.12	2.57	-1.161e+04	-432.67	-653.06
						101.0	-2073.49	2754.92	2.57	-1.161e+04	-302.72	1.672e+05
313	74	1.767e+05	-291.17	-0.04	-2367.79	0.0	-2155.18	5296.50	2.52	-1.562e+04	-546.07	-2.386e+05
		-2.386e+05	-546.07	-1.10e-03	0.0	50.5	-2155.18	4112.60	2.52	-1.562e+04	-418.62	-1044.11
						101.0	-2155.18	2928.71	2.52	-1.562e+04	-291.17	1.767e+05
314	2	2.468e+05	-759.86	-0.05	-3185.91	0.0	-2164.97	7326.67	3.92	3.354e+04	-1155.92	-3.323e+05
		-3.323e+05	-1155.92	-1.45e-03	0.0	50.5	-2164.97	5733.72	3.92	3.354e+04	-957.89	-2568.26
						101.0	-2164.97	4140.76	3.92	3.354e+04	-759.86	2.468e+05
314	3	1.555e+05	-552.36	-0.03	-2127.11	0.0	-1454.30	4678.86	2.66	1.039e+04	-821.15	-2.096e+05
		-2.096e+05	-821.15	-1.03e-03	0.0	50.5	-1454.30	3615.31	2.66	1.039e+04	-686.76	-191.81
						101.0	-1454.30	2551.76	2.66	1.039e+04	-552.36	1.555e+05
314	9	4.588e+05	1.250e+05	-0.04	-2211.24	0.0	603.34	2501.81	-387.41	1.336e+05	1.250e+05	3.177e+05
		3.177e+05	2.430e+04	0.02	0.0	50.5	603.34	1396.19	-387.41	1.336e+05	7.466e+04	4.161e+05
						101.0	603.34	290.57	-387.41	1.336e+05	2.430e+04	4.588e+05
314	12	-1.299e+05	-2.542e+04	-0.03	-2211.24	0.0	-3621.69	7353.58	392.91	-1.048e+05	-1.267e+05	-7.608e+05
		-7.608e+05	-1.267e+05	-0.02	0.0	50.5	-3621.69	6247.96	392.91	-1.048e+05	-7.606e+04	-4.174e+05
						101.0	-3621.69	5142.34	392.91	-1.048e+05	-2.542e+04	-1.299e+05
314	22	2.359e+05	-2.918e+05	-0.04	-2211.24	0.0	3690.00	4307.28	-667.09	-2.579e+05	-2.918e+05	-8.657e+04
		-8.657e+04	-3.650e+05	-0.16	0.0	50.5	3690.00	3201.66	-667.09	-2.579e+05	-3.284e+05	1.026e+05
						101.0	3690.00	2096.04	-667.09	-2.579e+05	-3.650e+05	2.359e+05
314	23	9.298e+04	3.639e+05	-0.03	-2211.24	0.0	-6708.36	5548.11	672.60	2.867e+05	2.901e+05	-3.566e+05
		-3.566e+05	2.901e+05	0.16	0.0	50.5	-6708.36	4442.49	672.60	2.867e+05	3.270e+05	-1.039e+05
						101.0	-6708.36	3336.87	672.60	2.867e+05	3.639e+05	9.298e+04
314	41	3.336e+05	6.844e+04	-0.04	-2211.24	0.0	-246.14	3532.82	-211.15	7.817e+04	6.844e+04	8.842e+04
		8.842e+04	1.142e+04	0.01	0.0	50.5	-246.14	2427.20	-211.15	7.817e+04	3.993e+04	2.389e+05
						101.0	-246.14	1321.58	-211.15	7.817e+04	1.142e+04	3.336e+05
314	44	-4734.73	-1.254e+04	-0.03	-2211.24	0.0	-2772.22	6322.56	216.66	-4.937e+04	-7.011e+04	-5.316e+05
		-5.316e+05	-7.011e+04	-0.01	0.0	50.5	-2772.22	5216.94	216.66	-4.937e+04	-4.133e+04	-2.402e+05
						101.0	-2772.22	4111.32	216.66	-4.937e+04	-1.254e+04	-4734.73
314	54	2.057e+05	-1.562e+05	-0.04	-2211.24	0.0	1281.02	4570.36	-356.83	-1.305e+05	-1.562e+05	-1.438e+05
		-1.438e+05	-1.953e+05	-0.09	0.0	50.5	1281.02	3464.74	-356.83	-1.305e+05	-1.758e+05	5.889e+04
						101.0	1281.02	2359.12	-356.83	-1.305e+05	-1.953e+05	2.057e+05
314	55	1.232e+05	1.942e+05	-0.03	-2211.24	0.0	-4299.38	5285.03	362.34	1.593e+05	1.545e+05	-2.994e+05

		-2.994e+05	1.545e+05	0.09	0.0	50.5	-4299.38	4179.41	362.34	1.593e+05	1.744e+05	-6.020e+04
						101.0	-4299.38	3073.78	362.34	1.593e+05	1.942e+05	1.232e+05
314	69	1.555e+05	-552.36	-0.03	-2127.11	0.0	-1454.30	4678.86	2.66	1.039e+04	-821.15	-2.096e+05
		-2.096e+05	-821.15	-1.03e-03	0.0	50.5	-1454.30	3615.31	2.66	1.039e+04	-686.76	-191.81
						101.0	-1454.30	2551.76	2.66	1.039e+04	-552.36	1.555e+05
314	70	1.852e+05	-580.22	-0.04	-2407.55	0.0	-1637.22	5508.30	2.97	2.374e+04	-880.10	-2.495e+05
		-2.495e+05	-880.10	-1.10e-03	0.0	50.5	-1637.22	4304.52	2.97	2.374e+04	-730.16	-1737.75
						101.0	-1637.22	3100.74	2.97	2.374e+04	-580.22	1.852e+05
314	71	1.555e+05	-552.36	-0.03	-2127.11	0.0	-1454.30	4678.86	2.66	1.039e+04	-821.15	-2.096e+05
		-2.096e+05	-821.15	-1.03e-03	0.0	50.5	-1454.30	3615.31	2.66	1.039e+04	-686.76	-191.81
						101.0	-1454.30	2551.76	2.66	1.039e+04	-552.36	1.555e+05
314	72	1.704e+05	-566.29	-0.03	-2267.33	0.0	-1545.76	5093.58	2.82	1.707e+04	-850.62	-2.296e+05
		-2.296e+05	-850.62	-1.07e-03	0.0	50.5	-1545.76	3959.91	2.82	1.707e+04	-708.46	-964.78
						101.0	-1545.76	2826.25	2.82	1.707e+04	-566.29	1.704e+05
314	73	1.555e+05	-552.36	-0.03	-2127.11	0.0	-1454.30	4678.86	2.66	1.039e+04	-821.15	-2.096e+05
		-2.096e+05	-821.15	-1.03e-03	0.0	50.5	-1454.30	3615.31	2.66	1.039e+04	-686.76	-191.81
						101.0	-1454.30	2551.76	2.66	1.039e+04	-552.36	1.555e+05
314	74	1.644e+05	-560.72	-0.03	-2211.24	0.0	-1509.18	4927.69	2.75	1.440e+04	-838.84	-2.216e+05
		-2.216e+05	-838.84	-1.05e-03	0.0	50.5	-1509.18	3822.07	2.75	1.440e+04	-699.78	-655.59
						101.0	-1509.18	2716.45	2.75	1.440e+04	-560.72	1.644e+05
315	2	1.047e+05	-3441.55	-0.06	-3185.91	0.0	-2376.20	8751.07	8.37	4.714e+04	-4286.90	-6.183e+05
		-6.183e+05	-4286.90	5.28e-04	0.0	50.5	-2376.20	7158.12	8.37	4.714e+04	-3864.22	-2.166e+05
						101.0	-2376.20	5565.17	8.37	4.714e+04	-3441.55	1.047e+05
315	3	6.577e+04	-2501.09	-0.04	-2127.11	0.0	-1594.32	5587.03	5.91	1.619e+04	-3097.68	-3.911e+05
		-3.911e+05	-3097.68	4.39e-04	0.0	50.5	-1594.32	4523.48	5.91	1.619e+04	-2799.38	-1.358e+05
						101.0	-1594.32	3459.93	5.91	1.619e+04	-2501.09	6.577e+04
315	9	4.415e+05	1.224e+05	-0.06	-2211.24	0.0	-903.66	3484.63	122.04	1.043e+05	1.003e+05	2.012e+05
		2.012e+05	1.003e+05	0.02	0.0	50.5	-903.66	2379.01	122.04	1.043e+05	1.113e+05	3.493e+05
						101.0	-903.66	1273.39	122.04	1.043e+05	1.224e+05	4.415e+05
315	12	-3.023e+05	-1.066e+05	-0.02	-2211.24	0.0	-2406.40	8284.61	-109.95	-6.143e+04	-1.066e+05	-1.027e+06
		-1.027e+06	-1.275e+05	-0.02	0.0	50.5	-2406.40	7178.99	-109.95	-6.143e+04	-1.170e+05	-6.369e+05
						101.0	-2406.40	6073.37	-109.95	-6.143e+04	-1.275e+05	-3.023e+05
315	22	1.949e+05	-3.252e+04	-0.05	-2211.24	0.0	3084.92	5075.80	-1829.83	1.082e+05	-3.252e+04	-2.063e+05
		-2.063e+05	-2.075e+05	0.16	0.0	50.5	3084.92	3970.18	-1829.83	1.082e+05	-1.200e+05	2.218e+04
						101.0	3084.92	2864.56	-1829.83	1.082e+05	-2.075e+05	1.949e+05
315	23	-5.563e+04	2.024e+05	-0.04	-2211.24	0.0	-6394.99	6693.44	1841.92	-6.541e+04	2.623e+05	-6.198e+05
		-6.198e+05	2.623e+04	-0.15	0.0	50.5	-6394.99	5587.82	1841.92	-6.541e+04	1.143e+05	-3.098e+05
						101.0	-6394.99	4482.20	1841.92	-6.541e+04	2.024e+05	-5.563e+04
315	29	1.973e+05	2.919e+05	-0.05	-2211.24	0.0	-5184.95	5057.44	1336.65	1.041e+05	1.607e+05	-2.020e+05
		-2.020e+05	1.607e+05	-0.06	0.0	50.5	-5184.95	3951.82	1336.65	1.041e+05	2.263e+05	2.560e+04
						101.0	-5184.95	2846.20	1336.65	1.041e+05	2.919e+05	1.973e+05
315	32	-5.811e+04	-1.670e+05	-0.04	-2211.24	0.0	1874.89	6711.80	-1324.56	-6.123e+04	-1.670e+05	-6.242e+05
		-6.242e+05	-2.970e+05	0.06	0.0	50.5	1874.89	5606.18	-1324.56	-6.123e+04	-2.320e+05	-3.132e+05
						101.0	1874.89	4500.56	-1324.56	-6.123e+04	-2.970e+05	-5.811e+04
315	41	2.834e+05	6.623e+04	-0.05	-2211.24	0.0	-1162.74	4504.54	54.26	6.730e+04	5.517e+04	-5.989e+04
		-5.989e+04	5.517e+04	0.01	0.0	50.5	-1162.74	3398.92	54.26	6.730e+04	6.070e+04	1.397e+05
						101.0	-1162.74	2293.30	54.26	6.730e+04	6.623e+04	2.834e+05
315	44	-1.442e+05	-6.147e+04	-0.03	-2211.24	0.0	-2147.33	7264.70	-42.17	-2.448e+04	-6.147e+04	-7.662e+05
		-7.662e+05	-7.130e+04	-0.01	0.0	50.5	-2147.33	6159.08	-42.17	-2.448e+04	-6.639e+04	-4.273e+05
						101.0	-2147.33	5053.46	-42.17	-2.448e+04	-7.130e+04	-1.442e+05
315	54	1.416e+05	-1.814e+04	-0.05	-2211.24	0.0	877.93	5420.42	-984.10	6.921e+04	-1.814e+04	-2.943e+05
		-2.943e+05	-1.118e+05	0.08	0.0	50.5	877.93	4314.80	-984.10	6.921e+04	-6.499e+04	-4.847e+04
						101.0	877.93	3209.18	-984.10	6.921e+04	-1.118e+05	1.416e+05
315	55	-2345.81	1.068e+05	-0.04	-2211.24	0.0	-4188.00	6348.81	996.19	-2.639e+04	1.184e+04	-5.318e+05
		-5.318e+05	1.184e+04	-0.08	0.0	50.5	-4188.00	5243.19	996.19	-2.639e+04	5.930e+04	-2.392e+05
						101.0	-4188.00	4137.57	996.19	-2.639e+04	1.068e+05	-2345.81
315	61	1.426e+05	1.571e+05	-0.05	-2211.24	0.0	-3491.31	5411.01	711.24	6.730e+04	8.749e+04	-2.923e+05
		-2.923e+05	8.749e+04	-0.03	0.0	50.5	-3491.31	4305.39	711.24	6.730e+04	1.223e+05	-4.695e+04
						101.0	-3491.31	3199.77	711.24	6.730e+04	1.571e+05	1.426e+05
315	64	-3378.55	-9.379e+04	-0.04	-2211.24	0.0	181.24	6358.23	-699.15	-2.447e+04	-9.379e+04	-5.338e+05
		-5.338e+05	-1.622e+05	0.03	0.0	50.5	181.24	5252.61	-699.15	-2.447e+04	-1.280e+05	-2.407e+05
						101.0	181.24	4146.99	-699.15	-2.447e+04	-1.622e+05	-3378.55
315	69	6.577e+04	-2501.09	-0.04	-2127.11	0.0	-1594.32	5587.03	5.91	1.619e+04	-3097.68	-3.911e+05
		-3.911e+05	-3097.68	4.39e-04	0.0	50.5	-1594.32	4523.48	5.91	1.619e+04	-2799.38	-1.358e+05
						101.0	-1594.32	3459.93	5.91	1.619e+04	-2501.09	6.577e+04
315	70	7.857e+04	-2627.84	-0.05	-2407.55	0.0	-1796.71	6578.99	6.37	3.359e+04	-3270.96	-4.643e+05
		-4.643e+05	-3270.96	4.11e-04	0.0	50.5	-1796.71	5375.21	6.37	3.359e+04	-2949.40	-1.625e+05
						101.0	-1796.71	4171.43	6.37	3.359e+04	-2627.84	7.857e+04
315	71	6.577e+04	-2501.09	-0.04	-2127.11	0.0	-1594.32	5587.03	5.91	1.619e+04	-3097.68	-3.911e+05
		-3.911e+05	-3097.68	4.39e-04	0.0	50.5	-1594.32	4523.48	5.91	1.619e+04	-2799.38	-1.358e+05
						101.0	-1594.32	3459.93	5.91	1.619e+04	-2501.09	6.577e+04
315	72	7.217e+04	-2564.47	-0.04	-2267.33	0.0	-1695.51	6083.01	6.14	2.489e+04	-3184.32	-4.277e+05
		-4.277e+05	-3184.32	4.25e-04	0.0	50.5	-1695.51	4949.35	6.14	2.489e+04	-2874.39	-1.491e+05
						101.0	-1695.51	3815.68	6.14	2.489e+04	-2564.47	7.217e+04
315	73	6.577e+04	-2501.09	-0.04	-2127.11	0.0	-1594.32	5587.03	5.91	1.619e+04	-3097.68	-3.911e+05
		-3.911e+05	-3097.68	4.39e-04	0.0	50.5	-1594.32	4523.48	5.91	1.619e+04	-2799.38	-1.358e+05
						101.0	-1594.32	3459.93	5.91	1.619e+04	-2501.09	6.577e+04

315	74	6.961e+04	-2539.11	-0.04	-2211.24	0.0	-1655.03	5884.62	6.05	2.141e+04	-3149.66	-4.131e+05
		-4.131e+05	-3149.66	4.30e-04	0.0	50.5	-1655.03	4779.00	6.05	2.141e+04	-2844.39	-1.438e+05
						101.0	-1655.03	3673.38	6.05	2.141e+04	-2539.11	6.961e+04
316	2	-1.843e+05	5859.30	-0.04	-3185.91	0.0	-2196.18	1.018e+04	-21.33	6.275e+04	5859.30	-1.051e+06
		-1.051e+06	3705.30	1.99e-03	0.0	50.5	-2196.18	8583.38	-21.33	6.275e+04	4782.30	-5.776e+05
						101.0	-2196.18	6990.43	-21.33	6.275e+04	3705.30	-1.843e+05
316	3	-1.193e+05	4274.85	-0.03	-2127.11	0.0	-1477.96	6495.86	-15.46	2.341e+04	4274.85	-6.679e+05
		-6.679e+05	2713.68	1.47e-03	0.0	50.5	-1477.96	5432.31	-15.46	2.341e+04	3494.26	-3.667e+05
						101.0	-1477.96	4368.76	-15.46	2.341e+04	2713.68	-1.193e+05
316	7	-5.795e+05	-9.449e+04	0.02	-2211.24	0.0	-5371.72	9262.39	962.02	-3.068e+04	-2.041e+05	-1.403e+06
		-1.403e+06	-2.041e+05	-0.09	0.0	50.5	-5371.72	8156.77	962.02	-3.068e+04	-1.493e+05	-9.635e+05
						101.0	-5371.72	7051.15	962.02	-3.068e+04	-9.449e+04	-5.795e+05
316	9	3.297e+05	1.606e+05	-0.08	-2211.24	0.0	-143.45	4484.05	51.78	-7.847e+04	1.313e+05	-5753.30
		-5753.30	1.313e+05	-0.08	0.0	50.5	-143.45	3378.43	51.78	-7.847e+04	1.459e+05	1.899e+05
						101.0	-143.45	2272.81	51.78	-7.847e+04	1.606e+05	3.297e+05
316	22	2.834e+04	2.136e+05	-0.04	-2211.24	0.0	3214.90	6015.79	-1707.82	3.186e+05	2.136e+05	-4.678e+05
		-4.678e+05	-6.663e+04	0.29	0.0	50.5	3214.90	4910.17	-1707.82	3.186e+05	7.350e+04	-1.918e+05
						101.0	3214.90	3804.55	-1707.82	3.186e+05	-6.663e+04	2.834e+04
316	23	-2.786e+05	7.212e+04	-0.02	-2211.24	0.0	-6280.76	7668.62	1676.41	-2.588e+05	-2.049e+05	-9.413e+05
		-9.413e+05	-2.049e+05	-0.29	0.0	50.5	-6280.76	6563.00	1676.41	-2.588e+05	-6.641e+04	-5.820e+05
						101.0	-6280.76	5457.38	1676.41	-2.588e+05	7.212e+04	-2.786e+05
316	30	-1.067e+04	1.630e+05	-0.03	-2211.24	0.0	3475.56	6029.60	-2117.55	2.870e+05	1.630e+05	-5.272e+05
		-5.272e+05	-5.216e+04	0.30	0.0	50.5	3475.56	4923.98	-2117.55	2.870e+05	5.541e+04	-2.410e+05
						101.0	3475.56	3818.36	-2117.55	2.870e+05	-5.216e+04	-1.067e+04
316	31	-2.396e+05	5.766e+04	-0.02	-2211.24	0.0	-6541.42	7654.81	2086.14	-2.273e+05	-1.543e+05	-8.818e+05
		-8.818e+05	-1.543e+05	-0.30	0.0	50.5	-6541.42	6549.19	2086.14	-2.273e+05	-4.832e+04	-5.328e+05
						101.0	-6541.42	5443.57	2086.14	-2.273e+05	5.766e+04	-2.396e+05
316	38	1.363e+05	1.216e+05	-0.05	-2211.24	0.0	619.22	5450.20	-560.68	6.108e+04	1.216e+05	-3.025e+05
		-3.025e+05	5.655e+04	0.05	0.0	50.5	619.22	4344.58	-560.68	6.108e+04	8.909e+04	-5.520e+04
						101.0	619.22	3238.96	-560.68	6.108e+04	5.655e+04	1.363e+05
316	39	-3.865e+05	-5.105e+04	0.01	-2211.24	0.0	-3685.08	8234.21	529.28	-1325.39	-1.130e+05	-1.106e+06
		-1.106e+06	-1.130e+05	-0.05	0.0	50.5	-3685.08	7128.59	529.28	-1325.39	-8.200e+04	-7.186e+05
						101.0	-3685.08	6022.97	529.28	-1325.39	-5.105e+04	-3.865e+05
316	41	1.364e+05	9.014e+04	-0.06	-2211.24	0.0	-674.83	5485.04	-7.34	-2.878e+04	7.772e+04	-3.026e+05
		-3.026e+05	7.772e+04	-0.04	0.0	50.5	-674.83	4379.42	-7.34	-2.878e+04	8.393e+04	-5.519e+04
						101.0	-674.83	3273.80	-7.34	-2.878e+04	9.014e+04	1.364e+05
316	62	-5.878e+04	9.088e+04	-0.03	-2211.24	0.0	1149.07	6375.83	-1138.34	1.665e+05	9.088e+04	-6.019e+05
		-6.019e+05	-2.520e+04	0.16	0.0	50.5	1149.07	5270.21	-1138.34	1.665e+05	3.284e+04	-3.024e+05
						101.0	1149.07	4164.59	-1138.34	1.665e+05	-2.520e+04	-5.878e+04
316	63	-1.915e+05	3.069e+04	-0.02	-2211.24	0.0	-4214.93	7308.58	1106.93	-1.067e+05	-8.221e+04	-8.071e+05
		-8.071e+05	-8.221e+04	-0.16	0.0	50.5	-4214.93	6202.96	1106.93	-1.067e+05	-2.576e+04	-4.714e+05
						101.0	-4214.93	5097.34	1106.93	-1.067e+05	3.069e+04	-1.915e+05
316	69	-1.193e+05	4274.85	-0.03	-2127.11	0.0	-1477.96	6495.86	-15.46	2.341e+04	4274.85	-6.679e+05
		-6.679e+05	2713.68	1.47e-03	0.0	50.5	-1477.96	5432.31	-15.46	2.341e+04	3494.26	-3.667e+05
						101.0	-1477.96	4368.76	-15.46	2.341e+04	2713.68	-1.193e+05
316	70	-1.388e+05	4476.18	-0.03	-2407.55	0.0	-1661.18	7650.34	-16.28	4.496e+04	4476.18	-7.899e+05
		-7.899e+05	2832.02	1.52e-03	0.0	50.5	-1661.18	6446.56	-16.28	4.496e+04	3654.10	-4.339e+05
						101.0	-1661.18	5242.79	-16.28	4.496e+04	2832.02	-1.388e+05
316	71	-1.193e+05	4274.85	-0.03	-2127.11	0.0	-1477.96	6495.86	-15.46	2.341e+04	4274.85	-6.679e+05
		-6.679e+05	2713.68	1.47e-03	0.0	50.5	-1477.96	5432.31	-15.46	2.341e+04	3494.26	-3.667e+05
						101.0	-1477.96	4368.76	-15.46	2.341e+04	2713.68	-1.193e+05
316	72	-1.290e+05	4375.51	-0.03	-2267.33	0.0	-1569.57	7073.10	-15.87	3.419e+04	4375.51	-7.289e+05
		-7.289e+05	2772.85	1.49e-03	0.0	50.5	-1569.57	5939.44	-15.87	3.419e+04	3574.18	-4.003e+05
						101.0	-1569.57	4805.77	-15.87	3.419e+04	2772.85	-1.290e+05
316	73	-1.193e+05	4274.85	-0.03	-2127.11	0.0	-1477.96	6495.86	-15.46	2.341e+04	4274.85	-6.679e+05
		-6.679e+05	2713.68	1.47e-03	0.0	50.5	-1477.96	5432.31	-15.46	2.341e+04	3494.26	-3.667e+05
						101.0	-1477.96	4368.76	-15.46	2.341e+04	2713.68	-1.193e+05
316	74	-1.251e+05	4335.25	-0.03	-2211.24	0.0	-1532.93	6842.21	-15.70	2.988e+04	4335.25	-7.045e+05
		-7.045e+05	2749.18	1.48e-03	0.0	50.5	-1532.93	5736.59	-15.70	2.988e+04	3542.21	-3.869e+05
						101.0	-1532.93	4630.97	-15.70	2.988e+04	2749.18	-1.251e+05

Trave		M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3		N	V 2	V 3	T		
		-2.514e+06	-2.555e+06	-2.99	-3.828e+04		-1.266e+04	-2.039e+04	-8014.22	-9.184e+05		
		1.505e+06	2.564e+06	2.99	0.0		8849.59	1.896e+04	8067.04	9.237e+05		
Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN/cm2	cm	daN	daN	daN	daN cm	daN cm	daN cm
64	2	7.707e+05	3.763e+04	-3.97e-03	-0.55	0.0	8170.49	-7036.74	185.65	1.117e+05	2.191e+04	7.707e+05
		3.060e+05	2.191e+04	3.89e-04		42.3	8170.49	-5487.62	185.65	1.105e+05	2.977e+04	5.057e+05
						84.6	8170.49	-3949.12	185.65	1.094e+05	3.763e+04	3.060e+05
64	3	5.157e+05	2.304e+04	-3.02e-03	-0.38	0.0	5518.42	-4696.70	95.20	7.537e+04	1.498e+04	5.157e+05
		2.053e+05	1.498e+04	2.74e-04		42.3	5518.42	-3665.24	95.20	7.460e+04	1.901e+04	3.387e+05
						84.6	5518.42	-2641.80	95.20	7.386e+04	2.304e+04	2.053e+05
64	14	4.881e+05	-7.972e+05	-0.17	-0.51	0.0	4439.16	-6023.95	-2832.22	-9.931e+04	-1.026e+06	4.881e+05
		1.752e+05	-1.026e+06	-7.20e-03		42.3	4439.16	-5335.38	-2832.22	-9.795e+04	-9.118e+05	3.642e+05
						84.6	4439.16	-4585.33	-2832.22	-9.663e+04	-7.972e+05	1.752e+05
64	15	5.834e+05	1.057e+06	0.17	-0.31	0.0	6996.30	-3741.86	3047.37	2.555e+05	1.057e+06	5.834e+05

		2.511e+05	8.463e+05	7.76e-03		42.3	6996.30	-2284.22	3047.37	2.526e+05	9.519e+05	3.394e+05
						84.6	6996.30	-904.17	3047.37	2.497e+05	8.463e+05	2.511e+05
64	32	2.656e+05	3.267e+05	0.07	-0.36	0.0	1.251e+04	-1.357e+04	-120.01	4.343e+05	3.267e+05	6.886e+04
		-6.024e+04	6.819e+04	2.70e-03		42.3	1.251e+04	-1.245e+04	-120.01	4.333e+05	1.975e+05	2.410e+05
						84.6	1.251e+04	-1.128e+04	-120.01	4.325e+05	6.819e+04	-6.024e+04
64	33	1.015e+06	-1.108e+05	-0.08	-0.46	0.0	-1445.25	3886.58	-119.51	-2.925e+05	-4.239e+05	1.015e+06
		3.599e+05	-4.239e+05	-2.36e-03		42.3	-1445.25	4856.06	-119.51	-2.928e+05	-2.673e+05	4.693e+05
						84.6	-1445.25	5749.71	-119.51	-2.934e+05	-1.108e+05	4.843e+05
64	36	2.611e+05	4.548e+05	0.09	-0.35	0.0	1.288e+04	-1.365e+04	334.66	4.487e+05	4.548e+05	5.655e+04
		-5.807e+04	1.599e+05	2.92e-03		42.3	1.288e+04	-1.248e+04	334.66	4.475e+05	3.074e+05	2.343e+05
						84.6	1.288e+04	-1.124e+04	334.66	4.464e+05	1.599e+05	-5.807e+04
64	46	5.146e+05	-4.481e+05	-0.10	-0.46	0.0	4908.25	-5426.85	-1586.82	-2.701e+04	-5.842e+05	5.146e+05
		1.942e+05	-5.842e+05	-4.03e-03		42.3	4908.25	-4576.83	-1586.82	-2.657e+04	-5.162e+05	3.604e+05
						84.6	4908.25	-3697.61	-1586.82	-2.615e+04	-4.481e+05	1.942e+05
64	47	5.568e+05	6.151e+05	0.09	-0.33	0.0	6527.21	-4338.96	1801.97	1.832e+05	6.151e+05	5.568e+05
		2.321e+05	4.973e+05	4.59e-03		42.3	6527.21	-3042.77	1801.97	1.812e+05	5.562e+05	3.432e+05
						84.6	6527.21	-1791.90	1801.97	1.792e+05	4.973e+05	2.321e+05
64	64	2.926e+05	1.921e+05	0.04	-0.37	0.0	9318.84	-9475.11	-21.94	2.695e+05	1.921e+05	2.889e+05
		6.817e+04	5.236e+04	1.69e-03		42.3	9318.84	-8376.68	-21.94	2.686e+05	1.222e+05	2.924e+05
						84.6	9318.84	-7249.95	-21.94	2.678e+05	5.236e+04	6.817e+04
64	65	7.897e+05	-5.625e+04	-0.04	-0.43	0.0	1895.76	-242.61	-25.42	-1.221e+05	-2.352e+05	7.897e+05
		3.310e+05	-2.352e+05	-1.26e-03		42.3	1895.76	769.76	-25.42	-1.227e+05	-1.457e+05	4.151e+05
						84.6	1895.76	1738.47	-25.42	-1.233e+05	-5.625e+04	3.569e+05
64	68	2.893e+05	2.661e+05	0.05	-0.36	0.0	9539.70	-9523.20	240.57	2.784e+05	2.661e+05	2.818e+05
		6.942e+04	1.054e+05	1.82e-03		42.3	9539.70	-8389.36	240.57	2.773e+05	1.858e+05	2.885e+05
						84.6	9539.70	-7227.97	240.57	2.764e+05	1.054e+05	6.942e+04
64	69	5.157e+05	2.304e+04	-3.02e-03	-0.38	0.0	5518.42	-4696.70	95.20	7.537e+04	1.498e+04	5.157e+05
		2.053e+05	1.498e+04	2.74e-04		42.3	5518.42	-3665.24	95.20	7.460e+04	1.901e+04	3.387e+05
						84.6	5518.42	-2641.80	95.20	7.386e+04	2.304e+04	2.053e+05
64	70	5.826e+05	2.816e+04	-3.05e-03	-0.41	0.0	6182.78	-5317.39	136.46	8.451e+04	1.661e+04	5.826e+05
		2.314e+05	1.661e+04	2.96e-04		42.3	6182.78	-4147.11	136.46	8.362e+04	2.238e+04	8.323e+05
						84.6	6182.78	-2984.99	136.46	8.277e+04	2.816e+04	2.314e+05
64	71	5.157e+05	2.304e+04	-3.02e-03	-0.38	0.0	5518.42	-4696.70	95.20	7.537e+04	1.498e+04	5.157e+05
		2.053e+05	1.498e+04	2.74e-04		42.3	5518.42	-3665.24	95.20	7.460e+04	1.901e+04	3.387e+05
						84.6	5518.42	-2641.80	95.20	7.386e+04	2.304e+04	2.053e+05
64	72	5.491e+05	2.560e+04	-3.04e-03	-0.40	0.0	5850.60	-5007.04	115.83	7.994e+04	1.579e+04	5.491e+05
		2.184e+05	1.579e+04	2.85e-04		42.3	5850.60	-3906.17	115.83	7.911e+04	2.069e+04	3.605e+05
						84.6	5850.60	-2813.39	115.83	7.831e+04	2.560e+04	2.184e+05
64	73	5.157e+05	2.304e+04	-3.02e-03	-0.38	0.0	5518.42	-4696.70	95.20	7.537e+04	1.498e+04	5.157e+05
		2.053e+05	1.498e+04	2.74e-04		42.3	5518.42	-3665.24	95.20	7.460e+04	1.901e+04	3.387e+05
						84.6	5518.42	-2641.80	95.20	7.386e+04	2.304e+04	2.053e+05
64	74	5.357e+05	2.457e+04	-3.03e-03	-0.39	0.0	5717.73	-4882.90	107.58	7.811e+04	1.547e+04	5.357e+05
		2.131e+05	1.547e+04	2.81e-04		42.3	5717.73	-3809.80	107.58	7.731e+04	2.002e+04	3.518e+05
						84.6	5717.73	-2744.75	107.58	7.653e+04	2.457e+04	2.131e+05
65	2	7.708e+05	-7995.23	-0.02	-0.58	0.0	4447.44	-8720.05	16.59	-4.842e+04	-1.048e+04	7.708e+05
		-9.150e+04	-1.048e+04	-2.31e-04		75.0	4447.44	-5726.56	16.59	-5.012e+04	-9240.10	2.294e+05
						150.1	4447.44	-2850.00	16.59	-5.189e+04	-7995.23	-9.150e+04
65	3	5.057e+05	-5129.75	-0.02	-0.40	0.0	2993.25	-5738.12	11.92	-3.168e+04	-6917.93	5.057e+05
		-5.735e+04	-6917.93	-1.53e-04		75.0	2993.25	-3739.11	11.92	-3.280e+04	-6023.84	1.505e+05
						150.1	2993.25	-1816.68	11.92	-3.397e+04	-5129.75	-5.735e+04
65	17	1.213e+06	-5.602e+05	-0.25	-0.62	0.0	466.99	-1408.43	-540.77	-2.279e+05	-5.602e+05	1.213e+06
		1.106e+05	-6.228e+05	-5.80e-03		75.0	466.99	-425.95	-540.77	-2.226e+05	-5.915e+05	5.437e+05
						150.1	466.99	550.21	-540.77	-2.177e+05	-6.228e+05	1.106e+05
65	20	-1.565e+05	6.120e+05	0.25	-0.30	0.0	5741.99	-1.057e+04	565.05	1.616e+05	5.458e+05	-1.565e+05
		-2.392e+05	5.458e+05	5.48e-03		75.0	5741.99	-7398.56	565.05	1.540e+05	5.789e+05	-2.292e+05
						150.1	5741.99	-4378.90	565.05	1.467e+05	6.120e+05	-2.321e+05
65	33	1.819e+06	-2.555e+05	-0.09	-0.49	0.0	1.169e+04	779.46	711.00	-1.203e+05	-3.133e+05	1.819e+06
		2.941e+05	-3.133e+05	-8.89e-03		75.0	1.169e+04	2424.06	711.00	-1.196e+05	-2.844e+05	9.599e+05
						150.1	1.169e+04	4017.61	711.00	-1.190e+05	-2.555e+05	2.941e+05
65	34	-3.728e+05	-5209.27	-0.09	-0.46	0.0	-8920.87	-1.108e+04	-1189.52	-5.710e+04	-5209.27	-5.660e+05
		-5.796e+05	-1.128e+05	6.58e-03		75.0	-8920.87	-9203.24	-1189.52	-5.635e+04	-5.903e+04	-5.493e+05
						150.1	-8920.87	-7394.68	-1189.52	-5.569e+04	-1.128e+05	-3.728e+05
65	35	1.623e+06	1.021e+05	0.09	-0.39	0.0	1.513e+04	-902.44	1213.79	-9146.37	-9223.25	1.623e+06
		2.513e+05	-9223.25	-6.90e-03		75.0	1.513e+04	1378.74	1213.79	-1.224e+04	4.642e+04	8.639e+05
						150.1	1.513e+04	3565.99	1213.79	-1.534e+04	1.021e+05	2.513e+05
65	36	-4.155e+05	2.989e+05	0.09	-0.36	0.0	-5483.19	-1.276e+04	-686.72	5.406e+04	2.989e+05	-7.623e+05
		-7.623e+05	2.447e+05	8.57e-03		75.0	-5483.19	-1.025e+04	-686.72	5.096e+04	2.718e+05	-6.453e+05
						150.1	-5483.19	-7846.31	-686.72	4.795e+04	2.447e+05	-4.155e+05
65	49	9.067e+05	-3.250e+05	-0.15	-0.53	0.0	1450.65	-3433.09	-319.43	-1.450e+05	-3.250e+05	9.067e+05
		3.412e+04	-3.614e+05	-3.41e-03		75.0	1450.65	-1985.63	-319.43	-1.425e+05	-3.432e+05	3.698e+05
						150.1	1450.65	-576.90	-319.43	-1.402e+05	-3.614e+05	3.412e+04
65	52	1.500e+05	3.506e+05	0.15	-0.34	0.0	4758.34	-8547.34	343.70	7.879e+04	3.106e+05	1.500e+05
		-1.556e+05	3.106e+05	3.09e-03		75.0	4758.34	-5838.88	343.70	7.392e+04	3.306e+05	-5.528e+04
						150.1	4758.34	-3251.79	343.70	6.917e+04	3.506e+05	-1.556e+05
65	64	-1.569e+05	1.473e+05	0.05	-0.38	0.0	-1596.87	-9555.71	-374.13	2.792e+04	1.473e+05	-1.569e+05
		-2.789e+05	1.071e+05	6.67e-03		75.0	-1596.87	-7260.40	-374.13	2.574e+04	1.272e+05	-2.710e+05
						150.1	-1596.87	-5071.17	-374.13	2.360e+04	1.071e+05	-2.524e+05

65	65	1.216e+06	-1.493e+05	-0.06	-0.46	0.0	7627.49	-2375.48	372.63	-8.210e+04	-1.798e+05	1.216e+06
		1.306e+05	-1.798e+05	-5.18e-03		75.0	7627.49	-541.95	372.63	-8.215e+04	-1.645e+05	5.854e+05
						150.1	7627.49	1227.55	372.63	-8.233e+04	-1.493e+05	1.306e+05
65	66	-4.614e+04	-9996.22	-0.06	-0.44	0.0	-3403.61	-8633.94	-638.28	-4.826e+04	-9996.22	-4.614e+04
		-2.401e+05	-6.778e+04	3.71e-03		75.0	-3403.61	-6678.91	-638.28	-4.833e+04	-3.889e+04	-2.153e+05
						150.1	-3403.61	-4795.88	-638.28	-4.847e+04	-6.778e+04	-2.274e+05
65	67	1.103e+06	5.699e+04	0.06	-0.39	0.0	9612.59	-3346.49	662.55	-1.799e+04	-4436.31	1.103e+06
		1.059e+05	-4436.31	-4.03e-03		75.0	9612.59	-1145.60	662.55	-2.026e+04	2.627e+04	5.299e+05
						150.1	9612.59	967.19	662.55	-2.256e+04	5.699e+04	1.059e+05
65	69	5.057e+05	-5129.75	-0.02	-0.40	0.0	2993.25	-5738.12	11.92	-3.168e+04	-6917.93	5.057e+05
		-5.735e+04	-6917.93	-1.53e-04		75.0	2993.25	-3739.11	11.92	-3.280e+04	-6023.84	1.505e+05
						150.1	2993.25	-1816.68	11.92	-3.397e+04	-5129.75	-5.735e+04
65	70	5.813e+05	-6014.12	-0.02	-0.44	0.0	3364.06	-6578.45	12.65	-3.650e+04	-7912.37	5.813e+05
		-6.865e+04	-7912.37	-1.74e-04		75.0	3364.06	-4316.25	12.65	-3.779e+04	-6963.25	1.730e+05
						150.1	3364.06	-2142.22	12.65	-3.912e+04	-6014.12	-6.865e+04
65	71	5.057e+05	-5129.75	-0.02	-0.40	0.0	2993.25	-5738.12	11.92	-3.168e+04	-6917.93	5.057e+05
		-5.735e+04	-6917.93	-1.53e-04		75.0	2993.25	-3739.11	11.92	-3.280e+04	-6023.84	1.505e+05
						150.1	2993.25	-1816.68	11.92	-3.397e+04	-5129.75	-5.735e+04
65	72	5.435e+05	-5571.94	-0.02	-0.42	0.0	3178.65	-6158.28	12.28	-3.409e+04	-7415.15	5.435e+05
		-6.300e+04	-7415.15	-1.64e-04		75.0	3178.65	-4027.68	12.28	-3.529e+04	-6493.54	1.618e+05
						150.1	3178.65	-1979.45	12.28	-3.655e+04	-5571.94	-6.300e+04
65	73	5.057e+05	-5129.75	-0.02	-0.40	0.0	2993.25	-5738.12	11.92	-3.168e+04	-6917.93	5.057e+05
		-5.735e+04	-6917.93	-1.53e-04		75.0	2993.25	-3739.11	11.92	-3.280e+04	-6023.84	1.505e+05
						150.1	2993.25	-1816.68	11.92	-3.397e+04	-5129.75	-5.735e+04
65	74	5.283e+05	-5395.06	-0.02	-0.41	0.0	3104.49	-5990.22	12.14	-3.312e+04	-7216.26	5.283e+05
		-6.074e+04	-7216.26	-1.60e-04		75.0	3104.49	-3912.25	12.14	-3.430e+04	-6305.66	1.573e+05
						150.1	3104.49	-1914.35	12.14	-3.552e+04	-5395.06	-6.074e+04
66	1	4.992e+05	1.477e+04	-4.90e-03	-0.51	0.0	4081.96	-5884.16	-67.49	-3.966e+04	1.477e+04	4.992e+05
		3.822e+04	6743.01	-4.55e-05		59.5	4081.96	-3877.80	-67.49	-4.061e+04	1.076e+04	2.087e+05
						118.9	4081.96	-1855.40	-67.49	-4.160e+04	6743.01	3.822e+04
66	2	5.742e+05	1.447e+04	-5.24e-03	-0.57	0.0	4519.18	-6837.71	-70.71	-4.340e+04	1.447e+04	5.742e+05
		3.646e+04	6054.33	-2.73e-05		59.5	4519.18	-4523.72	-70.71	-4.453e+04	1.026e+04	2.362e+05
						118.9	4519.18	-2192.72	-70.71	-4.569e+04	6054.33	3.646e+04
66	3	3.840e+05	1.136e+04	-3.77e-03	-0.39	0.0	3139.97	-4526.27	-51.92	-3.051e+04	1.136e+04	3.840e+05
		2.940e+04	5186.93	-3.50e-05		59.5	3139.97	-2982.93	-51.92	-3.124e+04	8274.68	1.606e+05
						118.9	3139.97	-1427.23	-51.92	-3.200e+04	5186.93	2.940e+04
66	4	4.590e+05	1.106e+04	-4.11e-03	-0.45	0.0	3577.19	-5479.83	-55.14	-3.425e+04	1.106e+04	4.590e+05
		2.764e+04	4498.25	-1.76e-05		59.5	3577.19	-3628.84	-55.14	-3.515e+04	7777.37	1.881e+05
						118.9	3577.19	-1764.55	-55.14	-3.609e+04	4498.25	2.764e+04
66	10	3.978e+05	-8.467e+05	-0.24	-0.60	0.0	-8088.01	-4049.14	-1248.71	-1.487e+05	-8.467e+05	3.978e+05
		4.379e+04	-9.961e+05	1.47e-03		59.5	-8088.01	-3264.10	-1248.71	-1.514e+05	-9.214e+05	1.514e+05
						118.9	-8088.01	-2397.70	-1248.71	-1.544e+05	-9.961e+05	4.379e+04
66	11	4.002e+05	1.006e+06	0.24	-0.31	0.0	1.454e+04	-5384.83	1143.58	8.621e+04	8.693e+05	4.002e+05
		1.430e+04	8.693e+05	-1.52e-03		59.5	1.454e+04	-2960.12	1143.58	8.734e+04	9.378e+05	1.807e+05
						118.9	1.454e+04	-591.69	1143.58	8.874e+04	1.006e+06	1.430e+04
66	29	1.719e+06	-1.332e+05	-0.10	-0.48	0.0	1.467e+04	2261.29	392.55	-1.457e+05	-4.825e+05	1.719e+06
		5.678e+05	-4.825e+05	6.20e-04		59.5	1.467e+04	3632.43	392.55	-1.466e+05	-3.079e+05	1.084e+06
						118.9	1.467e+04	4963.51	392.55	-1.477e+05	-1.332e+05	5.678e+05
66	30	-4.127e+05	-4.871e+04	-0.07	-0.45	0.0	-1.255e+04	-1.018e+04	-1082.60	-343.30	-4.871e+04	-7.035e+05
		-7.035e+05	-4.306e+05	2.56e-04		59.5	-1.255e+04	-8826.53	-1082.60	-2054.66	-2.397e+05	-6.083e+05
						118.9	-1.255e+04	-7383.48	-1082.60	-3825.07	-4.306e+05	-4.127e+05
66	31	1.502e+06	4.407e+05	0.07	-0.38	0.0	1.901e+04	741.29	977.48	-6.216e+04	7.132e+04	1.502e+06
		4.707e+05	7.132e+04	-3.09e-04		59.5	1.901e+04	2602.31	977.48	-6.199e+04	2.560e+05	9.405e+05
						118.9	1.901e+04	4394.09	977.48	-6.181e+04	4.407e+05	4.707e+05
66	32	-5.097e+05	5.052e+05	0.09	-0.35	0.0	-8215.17	-1.170e+04	-497.68	8.322e+04	5.052e+05	-9.208e+05
		-9.208e+05	1.433e+05	-6.76e-04		59.5	-8215.17	-9856.65	-497.68	8.257e+04	3.242e+05	-5.718e+05
						118.9	-8215.17	-7952.90	-497.68	8.206e+04	1.433e+05	-5.097e+05
66	42	4.179e+05	-4.827e+05	-0.14	-0.52	0.0	-3167.14	-4230.17	-742.99	-1.000e+05	-4.827e+05	4.179e+05
		4.472e+04	-5.709e+05	8.42e-04		59.5	-3167.14	-3098.12	-742.99	-1.019e+05	-5.268e+05	1.710e+05
						118.9	-3167.14	-1918.45	-742.99	-1.040e+05	-5.709e+05	4.472e+04
66	43	3.800e+05	5.810e+05	0.14	-0.34	0.0	9621.97	-5203.80	637.86	3.754e+04	5.053e+05	3.800e+05
		1.337e+04	5.053e+05	-8.97e-04		59.5	9621.97	-3126.10	637.86	3.787e+04	5.431e+05	1.612e+05
						118.9	9621.97	-1070.94	637.86	3.835e+04	5.810e+05	1.337e+04
66	61	1.103e+06	-7.632e+04	-0.06	-0.45	0.0	9253.21	-997.58	201.05	-9.413e+04	-2.725e+05	1.103e+06
		3.196e+05	-2.725e+05	3.50e-04		59.5	9253.21	472.14	201.05	-9.498e+04	-1.744e+05	6.566e+05
						118.9	9253.21	1926.22	201.05	-9.596e+04	-7.632e+04	3.196e+05
66	62	-1.783e+05	-2.365e+04	-0.04	-0.43	0.0	-5323.24	-7554.21	-644.34	-1.663e+04	-2.365e+04	-1.783e+05
		-2.415e+05	-2.440e+05	1.38e-04		59.5	-5323.24	-6096.76	-644.34	-1.793e+04	-1.339e+05	-2.408e+05
						118.9	-5323.24	-4583.94	-644.34	-1.928e+04	-2.440e+05	-2.049e+05
66	63	9.763e+05	2.541e+05	0.04	-0.38	0.0	1.178e+04	-1879.76	539.22	-4.587e+04	4.626e+04	9.763e+05
		2.630e+05	4.626e+04	-1.91e-04		59.5	1.178e+04	-127.46	539.22	-4.611e+04	1.502e+05	5.729e+05
						118.9	1.178e+04	1594.55	539.22	-4.635e+04	2.541e+05	2.630e+05
66	64	-2.615e+05	2.951e+05	0.05	-0.37	0.0	-2798.38	-8436.39	-306.17	3.162e+04	2.951e+05	-3.050e+05
		-3.276e+05	8.641e+04	-4.06e-04		59.5	-2798.38	-6696.35	-306.17	3.094e+04	1.908e+05	-3.245e+05
						118.9	-2798.38	-4915.61	-306.17	3.032e+04	8.641e+04	-2.615e+05
66	69	3.840e+05	1.136e+04	-3.77e-03	-0.39	0.0	3139.97	-4526.27	-51.92	-3.051e+04	1.136e+04	3.840e+05
		2.940e+04	5186.93	-3.50e-05		59.5	3139.97	-2982.93	-51.92	-3.124e+04	8274.68	1.606e+05

66	70	4.340e+05	1.116e+04	-3.99e-03	-0.43	118.9	3139.97	-1427.23	-51.92	-3.200e+04	5186.93	2.940e+04
		2.823e+04	4727.81	-2.27e-05		0.0	3431.45	-5161.98	-54.06	-3.300e+04	1.116e+04	4.340e+05
						59.5	3431.45	-3413.54	-54.06	-3.385e+04	7943.14	1.789e+05
						118.9	3431.45	-1652.11	-54.06	-3.473e+04	4727.81	2.823e+04
66	71	3.840e+05	1.136e+04	-3.77e-03	-0.39	0.0	3139.97	-4526.27	-51.92	-3.051e+04	1.136e+04	3.840e+05
		2.940e+04	5186.93	-3.50e-05		59.5	3139.97	-2982.93	-51.92	-3.124e+04	8274.68	1.606e+05
						118.9	3139.97	-1427.23	-51.92	-3.200e+04	5186.93	2.940e+04
						0.0	3285.71	-4844.12	-52.99	-3.175e+04	1.126e+04	4.090e+05
66	72	4.090e+05	1.126e+04	-3.88e-03	-0.41	59.5	3285.71	-3198.23	-52.99	-3.254e+04	8108.91	1.697e+05
		2.881e+04	4957.37	-2.85e-05		118.9	3285.71	-1539.67	-52.99	-3.336e+04	4957.37	2.881e+04
						0.0	3139.97	-4526.27	-51.92	-3.051e+04	1.136e+04	3.840e+05
						59.5	3139.97	-2982.93	-51.92	-3.124e+04	8274.68	1.606e+05
66	73	3.840e+05	1.136e+04	-3.77e-03	-0.39	118.9	3139.97	-1427.23	-51.92	-3.200e+04	5186.93	2.940e+04
		2.940e+04	5186.93	-3.50e-05		0.0	3227.42	-4716.98	-52.56	-3.125e+04	1.130e+04	3.990e+05
						59.5	3227.42	-3112.11	-52.56	-3.202e+04	8175.22	1.661e+05
						118.9	3227.42	-1494.70	-52.56	-3.282e+04	5049.20	2.905e+04
67	1	9.493e+04	9629.20	1.19e-03	-0.44	0.0	-2437.51	-4272.25	-102.20	-8.277e+04	9629.20	9.493e+04
		-2.280e+05	-3508.13	-4.28e-04		64.3	-2437.51	-2510.79	-102.20	-8.316e+04	3060.53	-1.230e+05
						128.6	-2437.51	-754.67	-102.20	-8.365e+04	-3508.13	-2.280e+05
						0.0	-2656.64	-5173.51	-148.78	-9.038e+04	2.556e+04	1.385e+05
67	2	1.385e+05	2.556e+04	-2.63e-03	-0.49	64.3	-2656.64	-3105.66	-148.78	-9.091e+04	1.600e+04	-1.275e+05
		-2.610e+05	6436.13	-6.33e-04		128.6	-2656.64	-1049.51	-148.78	-9.152e+04	6436.13	-2.610e+05
						0.0	-1875.01	-3286.34	-78.61	-6.367e+04	7407.07	7.302e+04
						64.3	-1875.01	-1931.38	-78.61	-6.397e+04	2354.26	-9.462e+04
67	3	7.302e+04	7407.07	9.17e-04	-0.34	128.6	-1875.01	-580.52	-78.61	-6.434e+04	-2698.56	-1.754e+05
		-1.754e+05	-2698.56	-3.30e-04		0.0	6286.70	-810.02	2689.62	-6.415e+05	-7.290e+05	6.246e+05
						64.3	6286.70	324.95	2689.62	-6.433e+05	-1.966e+05	3.260e+05
						128.6	6286.70	1632.74	2689.62	-6.457e+05	3.359e+05	1.171e+05
67	9	6.246e+05	3.359e+05	-0.24	-0.53	0.0	-1.012e+04	-6123.17	-2865.47	5.111e+05	7.502e+05	-4.611e+05
		1.171e+05	-7.290e+05	2.75e-03		64.3	-1.012e+04	-4425.65	-2865.47	5.122e+05	2.064e+05	-5.170e+05
						128.6	-1.012e+04	-2911.71	-2865.47	5.139e+05	-3.373e+05	-4.810e+05
						0.0	1.785e+04	1251.66	1421.74	-3.977e+05	-4.495e+05	1.480e+06
67	29	1.480e+06	-5.818e+04	-0.31	-0.60	64.3	1.785e+04	3462.87	1421.74	-3.969e+05	-2.539e+05	9.961e+05
		5.546e+05	-4.495e+05	2.81e-03		128.6	1.785e+04	5524.06	1421.74	-3.965e+05	-5.818e+04	5.546e+05
						0.0	-2.169e+04	-8184.85	-1597.60	2.673e+05	4.707e+05	-1.317e+06
						64.3	-2.169e+04	-7563.57	-1597.60	2.658e+05	2.637e+05	-1.187e+06
67	32	-9.185e+05	4.707e+05	0.31	-0.21	128.6	-2.169e+04	-6803.03	-1597.60	2.647e+05	5.676e+04	-9.185e+05
		-1.317e+06	5.676e+04	-3.55e-03		0.0	2538.93	-1995.97	1510.89	-3.952e+05	-4.160e+05	3.732e+05
						64.3	2538.93	-756.61	1510.89	-3.963e+05	-1.111e+05	1.291e+05
						128.6	2538.93	572.27	1510.89	-3.979e+05	1.937e+05	-2.225e+04
67	44	-2.097e+05	4.371e+05	0.14	-0.28	0.0	-6376.59	-4937.22	-1686.75	2.648e+05	4.371e+05	-2.097e+05
		-3.455e+05	-1.951e+05	-2.13e-03		64.3	-6376.59	-3344.10	-1686.75	2.653e+05	1.210e+05	-3.201e+05
						128.6	-6376.59	-1851.24	-1686.75	2.661e+05	-1.951e+05	-3.417e+05
						0.0	8619.40	-948.71	770.89	-2.488e+05	-2.538e+05	8.211e+05
67	61	8.211e+05	-3.363e+04	-0.17	-0.48	64.3	8619.40	871.14	770.89	-2.485e+05	-1.437e+05	4.819e+05
		2.094e+05	-2.538e+05	1.46e-03		128.6	8619.40	2614.20	770.89	-2.485e+05	-3.363e+04	2.094e+05
						0.0	-1.246e+04	-5984.48	-946.75	1.184e+05	2.750e+05	-6.577e+05
						64.3	-1.246e+04	-4971.84	-946.75	1.175e+05	1.536e+05	-6.729e+05
67	64	-5.733e+05	2.750e+05	0.17	-0.27	128.6	-1.246e+04	-3893.17	-946.75	1.167e+05	3.221e+04	-5.733e+05
		-6.810e+05	3.221e+04	-2.20e-03		0.0	-1875.01	-3286.34	-78.61	-6.367e+04	7407.07	7.302e+04
						64.3	-1875.01	-1931.38	-78.61	-6.397e+04	2354.26	-9.462e+04
						128.6	-1875.01	-580.52	-78.61	-6.434e+04	-2698.56	-1.754e+05
67	69	7.302e+04	7407.07	9.17e-04	-0.34	0.0	-2021.09	-3887.19	-109.67	-6.875e+04	1.803e+04	1.021e+05
		-1.754e+05	-2698.56	-3.30e-04		64.3	-2021.09	-2327.96	-109.67	-6.913e+04	1.098e+04	-9.760e+04
						128.6	-2021.09	-777.08	-109.67	-6.959e+04	3930.95	-1.974e+05
						0.0	-1875.01	-3286.34	-78.61	-6.367e+04	7407.07	7.302e+04
67	70	1.021e+05	1.803e+04	-1.86e-03	-0.37	64.3	-1875.01	-1931.38	-78.61	-6.397e+04	2354.26	-9.462e+04
		-1.974e+05	3930.95	-4.66e-04		128.6	-1875.01	-580.52	-78.61	-6.434e+04	-2698.56	-1.754e+05
						0.0	-1948.05	-3586.76	-94.14	-6.621e+04	1.272e+04	8.755e+04
						64.3	-1948.05	-2129.67	-94.14	-6.655e+04	6667.17	-9.611e+04
67	71	7.302e+04	7407.07	9.17e-04	-0.34	128.6	-1948.05	-678.80	-94.14	-6.697e+04	616.19	1.864e+05
		-1.754e+05	-2698.56	-3.30e-04		0.0	-1875.01	-3286.34	-78.61	-6.367e+04	7407.07	7.302e+04
						64.3	-1875.01	-1931.38	-78.61	-6.397e+04	2354.26	-9.462e+04
						128.6	-1875.01	-580.52	-78.61	-6.434e+04	-2698.56	-1.754e+05
67	72	8.755e+04	1.272e+04	1.34e-03	-0.36	0.0	-1918.83	-3466.60	-87.93	-6.519e+04	1.059e+04	8.174e+04
		-1.864e+05	616.19	-3.98e-04		64.3	-1918.83	-2050.35	-87.93	-6.552e+04	4942.01	-9.552e+04
						128.6	-1918.83	-639.49	-87.93	-6.592e+04	-709.71	-1.820e+05
						0.0	-5021.25	-4067.41	23.01	-1.809e+04	-2439.03	-7.068e+04
67	73	7.302e+04	7407.07	9.17e-04	-0.34	75.1	-5021.25	-2019.67	23.01	-1.797e+04	-711.64	-2.990e+05
		-1.754e+05	-2698.56	-3.30e-04		150.1	-5021.25	22.47	23.01	-1.787e+04	1015.74	-3.740e+05
						0.0	-5895.72	-4877.76	40.74	-4.457e+04	-1.661e+04	-7.184e+04
						75.1	-5895.72	-2474.69	40.74	-4.439e+04	-1.355e+04	-3.476e+05
67	74	8.174e+04	1.059e+04	1.16e-03	-0.35	150.1	-5895.72	-85.40	40.74	-4.428e+04	-1.050e+04	-4.437e+05
		-1.820e+05	-709.71	-3.70e-04		0.0	-3862.50	-3128.78	17.70	-1.391e+04	-1876.18	-5.437e+04
						75.1	-3862.50	-1553.59	17.70	-1.382e+04	-547.42	-2.300e+05
						150.1	-3862.50	17.29	17.70	-1.375e+04	781.34	-2.877e+05
68	1	-7.068e+04	1015.74	2.53e-03	-0.44	0.0	4559.50	-2569.23	1179.34	3.406e+05	-9.997e+05	3.163e+05
		-3.740e+05	-2439.03	-5.48e-04								
68	2	-7.184e+04	-1.050e+04	3.51e-03	-0.49							
		-4.437e+05	-1.661e+04	-9.96e-04								
68	3	-5.437e+04	781.34	1.94e-03	-0.34							
		-2.877e+05	-1876.18	-4.22e-04								
68	6	3.163e+05	-5.884e+05	-0.06	-0.40							

		-1.706e+04	-9.997e+05	7.37e-03		75.1	4559.50	-579.99	1179.34	3.421e+05	-7.940e+05	1.196e+05
						150.1	4559.50	1484.16	1179.34	3.442e+05	-5.884e+05	-1.706e+04
68	7	-4.255e+05	9.902e+05	0.06	-0.36	0.0	-1.263e+04	-4012.47	-1136.84	-3.790e+05	9.902e+05	-4.255e+05
		-6.171e+05	5.854e+05	-8.39e-03		75.1	-1.263e+04	-2709.20	-1136.84	-3.803e+05	7.878e+05	-5.990e+05
						150.1	-1.263e+04	-1492.74	-1136.84	-3.822e+05	5.854e+05	-5.863e+05
68	9	4.430e+05	-6.485e+05	-0.22	-0.53	0.0	4496.87	-767.69	-2976.39	-6.446e+05	-6.485e+05	4.430e+05
		1.636e+04	-8.950e+05	0.01		75.1	4496.87	460.62	-2976.39	-6.470e+05	-7.717e+05	1.414e+05
						150.1	4496.87	1879.74	-2976.39	-6.503e+05	-8.950e+05	1.636e+04
68	10	3.069e+05	-5.777e+05	-0.04	-0.39	0.0	4251.82	-2736.57	1364.59	3.787e+05	-1.029e+06	3.069e+05
		-2.122e+04	-1.029e+06	6.25e-03		75.1	4251.82	-672.56	1364.59	3.805e+05	-8.036e+05	1.204e+05
						150.1	4251.82	1454.30	1364.59	3.829e+05	-5.777e+05	-2.122e+04
68	11	-4.161e+05	1.020e+06	0.04	-0.37	0.0	-1.233e+04	-3845.13	-1322.09	-4.171e+05	1.020e+06	-4.161e+05
		-6.176e+05	5.747e+05	-7.27e-03		75.1	-1.233e+04	-2616.63	-1322.09	-4.187e+05	7.973e+05	-5.998e+05
						150.1	-1.233e+04	-1462.87	-1322.09	-4.209e+05	5.747e+05	-5.821e+05
68	12	-5.522e+05	8.919e+05	0.22	-0.26	0.0	-1.257e+04	-5814.01	3018.88	6.062e+05	6.391e+05	-5.522e+05
		-6.307e+05	6.391e+05	-0.01		75.1	-1.257e+04	-3749.81	3018.88	6.088e+05	7.655e+05	-6.208e+05
						150.1	-1.257e+04	-1888.32	3018.88	6.123e+05	8.919e+05	-6.197e+05
68	38	1.622e+05	-3.464e+05	-0.04	-0.38	0.0	906.75	-2834.23	592.17	1.676e+05	-5.725e+05	1.622e+05
		-1.377e+05	-5.725e+05	4.25e-03		75.1	906.75	-1004.79	592.17	1.684e+05	-4.594e+05	-3.254e+04
						150.1	906.75	863.19	592.17	1.695e+05	-3.464e+05	-1.377e+05
68	39	-2.714e+05	5.630e+05	0.04	-0.35	0.0	-8981.53	-3747.47	-549.68	-2.060e+05	5.630e+05	-2.714e+05
		-4.757e+05	3.434e+05	-5.27e-03		75.1	-8981.53	-2284.40	-549.68	-2.066e+05	4.532e+05	-4.469e+05
						150.1	-8981.53	-871.76	-549.68	-2.076e+05	3.434e+05	-4.656e+05
68	41	2.295e+05	-3.849e+05	-0.12	-0.45	0.0	873.43	-1875.26	-1599.97	-3.519e+05	-3.849e+05	2.295e+05
		-1.198e+05	-5.091e+05	6.11e-03		75.1	873.43	-451.30	-1599.97	-3.531e+05	-4.470e+05	-2.090e+04
						150.1	873.43	1073.09	-1599.97	-3.548e+05	-5.091e+05	-1.198e+05
68	42	1.571e+05	-3.401e+05	-0.03	-0.37	0.0	734.71	-2922.57	689.57	1.876e+05	-5.887e+05	1.571e+05
		-1.398e+05	-5.887e+05	3.59e-03		75.1	734.71	-1053.52	689.57	1.885e+05	-4.644e+05	-3.211e+04
						150.1	734.71	847.64	689.57	1.898e+05	-3.401e+05	-1.398e+05
68	43	-2.663e+05	5.793e+05	0.03	-0.35	0.0	-8809.50	-3659.13	-647.07	-2.260e+05	5.793e+05	-2.663e+05
		-4.747e+05	3.371e+05	-4.61e-03		75.1	-8809.50	-2235.67	-647.07	-2.268e+05	4.582e+05	-4.73e+05
						150.1	-8809.50	-856.22	-647.07	-2.279e+05	3.371e+05	-4.636e+05
68	44	-3.387e+05	5.061e+05	0.12	-0.30	0.0	-8948.21	-4706.44	1642.47	3.135e+05	3.754e+05	-3.387e+05
		-4.876e+05	3.754e+05	-7.13e-03		75.1	-8948.21	-2837.89	1642.47	3.149e+05	4.408e+05	-4.585e+05
						150.1	-8948.21	-1081.67	1642.47	3.168e+05	5.061e+05	-4.835e+05
68	69	-5.437e+04	781.34	1.94e-03	-0.34	0.0	-3862.50	-3128.78	17.70	-1.391e+04	-1876.18	-5.437e+04
		-2.877e+05	-1876.18	-4.22e-04		75.1	-3862.50	-1553.59	17.70	-1.382e+04	-547.42	-2.300e+05
						150.1	-3862.50	17.29	17.70	-1.375e+04	781.34	-2.877e+05
68	70	-5.514e+04	-6892.75	2.58e-03	-0.37	0.0	-4445.48	-3669.01	29.52	-3.157e+04	-1.132e+04	-5.514e+04
		-3.342e+05	-1.132e+04	-7.20e-04		75.1	-4445.48	-1856.94	29.52	-3.144e+04	-9108.84	-2.624e+05
						150.1	-4445.48	-54.63	29.52	-3.135e+04	-6892.75	-3.342e+05
68	71	-5.437e+04	781.34	1.94e-03	-0.34	0.0	-3862.50	-3128.78	17.70	-1.391e+04	-1876.18	-5.437e+04
		-2.877e+05	-1876.18	-4.22e-04		75.1	-3862.50	-1553.59	17.70	-1.382e+04	-547.42	-2.300e+05
						150.1	-3862.50	17.29	17.70	-1.375e+04	781.34	-2.877e+05
68	72	-5.476e+04	-3055.71	2.24e-03	-0.35	0.0	-4153.99	-3398.90	23.61	-2.274e+04	-6600.56	-5.476e+04
		-3.110e+05	-6600.56	-5.71e-04		75.1	-4153.99	-1705.26	23.61	-2.263e+04	-4828.13	-2.462e+05
						150.1	-4153.99	-18.67	23.61	-2.255e+04	-3055.71	-3.110e+05
68	73	-5.437e+04	781.34	1.94e-03	-0.34	0.0	-3862.50	-3128.78	17.70	-1.391e+04	-1876.18	-5.437e+04
		-2.877e+05	-1876.18	-4.22e-04		75.1	-3862.50	-1553.59	17.70	-1.382e+04	-547.42	-2.300e+05
						150.1	-3862.50	17.29	17.70	-1.375e+04	781.34	-2.877e+05
68	74	-5.460e+04	-1520.89	2.11e-03	-0.35	0.0	-4037.39	-3290.85	21.25	-1.921e+04	-4710.80	-5.460e+04
		-3.017e+05	-4710.80	-5.11e-04		75.1	-4037.39	-1644.59	21.25	-1.911e+04	-3115.85	-2.397e+05
						150.1	-4037.39	-4.29	21.25	-1.903e+04	-1520.89	-3.017e+05
69	2	3.877e+05	2.810e+04	0.02	-0.64	0.0	4455.47	-2117.65	-131.10	-1.466e+04	2.810e+04	2.191e+05
		1.694e+05	9217.85	-6.22e-04		72.0	4455.47	1154.57	-131.10	-1.497e+04	1.866e+04	1.838e+05
						144.0	4455.47	4523.79	-131.10	-1.529e+04	9217.85	3.877e+05
69	3	2.566e+05	9192.62	0.01	-0.44	0.0	2982.18	-1387.95	-44.49	-3323.68	9192.62	1.429e+05
		1.106e+05	2786.61	-1.71e-04		72.0	2982.18	779.17	-44.49	-3383.09	5989.62	1.205e+05
						144.0	2982.18	3010.91	-44.49	-3447.01	2786.61	2.566e+05
69	9	5.803e+05	1.473e+05	-0.05	-0.55	0.0	6297.65	873.91	172.90	-4.033e+05	1.473e+05	1.572e+05
		1.572e+05	5.555e+04	3.89e-03		72.0	6297.65	2988.26	172.90	-4.095e+05	1.014e+05	2.848e+05
						144.0	6297.65	5242.34	172.90	-4.163e+05	5.555e+04	5.803e+05
69	12	1.419e+05	-4.774e+04	0.03	-0.49	0.0	-101.84	-3775.14	-291.18	3.925e+05	-1.225e+05	1.419e+05
		-6.099e+04	-1.225e+05	-4.40e-03		72.0	-101.84	-1373.26	-291.18	3.985e+05	-8.510e+04	-3.293e+04
						144.0	-101.84	1023.32	-291.18	4.051e+05	-4.774e+04	-4.547e+04
69	29	4.687e+05	2.583e+05	-0.06	-0.71	0.0	5983.17	250.29	-1313.16	-1.075e+06	2.583e+05	1.654e+05
		1.447e+05	-5.796e+04	-3.52e-03		72.0	5983.17	2290.17	-1313.16	-1.100e+06	1.002e+05	2.258e+05
						144.0	5983.17	4481.65	-1313.16	-1.126e+06	-5.796e+04	4.687e+05
69	32	1.337e+05	6.578e+04	0.06	-0.66	0.0	212.64	-3151.52	1194.88	1.064e+06	-2.334e+05	1.337e+05
		1.949e+04	-2.334e+05	3.01e-03		72.0	212.64	-675.17	1194.88	1.089e+06	-8.383e+04	2.608e+04
						144.0	212.64	1784.02	1194.88	1.115e+06	6.578e+04	6.613e+04
69	41	4.455e+05	8.760e+04	-0.04	-0.51	0.0	4916.84	-130.72	80.23	-2.192e+05	8.760e+04	1.538e+05
		1.499e+05	3.120e+04	2.30e-03		72.0	4916.84	2047.48	80.23	-2.225e+05	5.940e+04	2.164e+05
						144.0	4916.84	4333.58	80.23	-2.260e+05	3.120e+04	4.455e+05
69	44	1.453e+05	-2.339e+04	0.03	-0.47	0.0	1278.97	-2770.51	-198.51	2.084e+05	-6.276e+04	1.453e+05
		3.289e+04	-6.276e+04	-2.80e-03		72.0	1278.97	-432.48	-198.51	2.115e+05	-4.307e+04	3.546e+04
						144.0	1278.97	1932.08	-198.51	2.148e+05	-2.339e+04	8.933e+04

69	61	3.778e+05	1.454e+05	-0.04	-0.59	0.0	4685.96	-521.69	-716.25	-5.714e+05	1.454e+05	1.581e+05
		1.375e+05	-3.233e+04	-1.74e-03		72.0	4685.96	1619.17	-716.25	-5.845e+05	5.654e+04	1.807e+05
						144.0	4685.96	3872.79	-716.25	-5.985e+05	-3.233e+04	3.778e+05
69	64	1.570e+05	4.014e+04	0.04	-0.56	0.0	1509.85	-2379.54	597.97	5.606e+05	-1.206e+05	1.410e+05
		7.112e+04	-1.206e+05	1.24e-03		72.0	1509.85	-4.17	597.97	5.735e+05	-4.021e+04	7.112e+04
						144.0	1509.85	2392.87	597.97	5.873e+05	4.014e+04	1.570e+05
69	69	2.566e+05	9192.62	0.01	-0.44	0.0	2982.18	-1387.95	-44.49	-3323.68	9192.62	1.429e+05
		1.106e+05	2786.61	-1.71e-04		72.0	2982.18	779.17	-44.49	-3383.09	5989.62	1.205e+05
						144.0	2982.18	3010.91	-44.49	-3447.01	2786.61	2.566e+05
69	70	2.927e+05	1.996e+04	0.02	-0.48	0.0	3367.94	-1596.83	-93.33	-1.022e+04	1.996e+04	1.651e+05
		1.277e+05	6516.78	-4.38e-04		72.0	3367.94	873.60	-93.33	-1.043e+04	1.324e+04	1.386e+05
						144.0	3367.94	3417.31	-93.33	-1.066e+04	6516.78	2.927e+05
69	71	2.566e+05	9192.62	0.01	-0.44	0.0	2982.18	-1387.95	-44.49	-3323.68	9192.62	1.429e+05
		1.106e+05	2786.61	-1.71e-04		72.0	2982.18	779.17	-44.49	-3383.09	5989.62	1.205e+05
						144.0	2982.18	3010.91	-44.49	-3447.01	2786.61	2.566e+05
69	72	2.747e+05	1.457e+04	0.02	-0.46	0.0	3175.06	-1492.39	-68.91	-6770.60	1.457e+04	1.540e+05
		1.191e+05	4651.69	-3.04e-04		72.0	3175.06	826.39	-68.91	-6906.50	9613.18	1.296e+05
						144.0	3175.06	3214.11	-68.91	-7051.63	4651.69	2.747e+05
69	73	2.566e+05	9192.62	0.01	-0.44	0.0	2982.18	-1387.95	-44.49	-3323.68	9192.62	1.429e+05
		1.106e+05	2786.61	-1.71e-04		72.0	2982.18	779.17	-44.49	-3383.09	5989.62	1.205e+05
						144.0	2982.18	3010.91	-44.49	-3447.01	2786.61	2.566e+05
69	74	2.674e+05	1.242e+04	0.02	-0.45	0.0	3097.91	-1450.62	-59.14	-5391.83	1.242e+04	1.495e+05
		1.157e+05	3905.66	-2.51e-04		72.0	3097.91	807.50	-59.14	-5497.13	8163.76	1.259e+05
						144.0	3097.91	3132.83	-59.14	-5609.78	3905.66	2.674e+05
70	1	2.119e+05	6806.51	-3.70e-03	-0.60	0.0	2083.16	-3726.52	-52.04	613.51	6806.51	2.119e+05
		5.138e+04	-686.58	-1.43e-05		72.0	2083.16	-617.80	-52.04	494.40	3059.96	5.552e+04
						144.0	2083.16	2474.45	-52.04	375.95	-686.58	1.259e+05
70	2	2.488e+05	1.918e+04	-4.37e-03	-0.67	0.0	2378.51	-4341.95	-125.29	1059.93	1.918e+04	2.488e+05
		6.110e+04	1141.76	-5.61e-05		72.0	2378.51	-732.33	-125.29	604.08	1.016e+04	6.619e+04
						144.0	2378.51	2857.82	-125.29	149.05	1141.76	1.429e+05
70	3	1.630e+05	5235.78	-2.85e-03	-0.46	0.0	1602.43	-2866.55	-40.03	471.93	5235.78	1.630e+05
		3.952e+04	-528.14	-1.10e-05		72.0	1602.43	-475.23	-40.03	380.31	2353.82	4.271e+04
						144.0	1602.43	1903.43	-40.03	289.20	-528.14	9.422e+04
70	9	3.553e+05	1.962e+05	-8.33e-04	-0.58	0.0	2733.87	-1315.84	1066.95	-2.268e+05	1.354e+05	1.823e+05
		1.569e+05	1.354e+05	2.84e-03		72.0	2733.87	1203.66	1066.95	-2.183e+05	1.658e+05	1.775e+05
						144.0	2733.87	3737.02	1066.95	-2.115e+05	1.962e+05	3.553e+05
70	12	1.584e+05	-1.200e+05	5.48e-03	-0.55	0.0	589.13	-4663.45	-1176.31	2.279e+05	-1.200e+05	1.584e+05
		-1.594e+05	-1.965e+05	-2.87e-03		72.0	589.13	-2199.93	-1176.31	2.191e+05	-1.582e+05	-8.782e+04
						144.0	589.13	223.18	-1176.31	2.120e+05	-1.965e+05	-1.587e+05
70	29	1.985e+05	4.709e+05	-1.19e-03	-0.79	0.0	3195.72	-2370.32	2139.07	-2.331e+05	2.162e+05	1.750e+05
		9.385e+04	2.162e+05	-1.34e-03		72.0	3195.72	177.63	2139.07	-2.069e+05	3.435e+05	9.400e+04
						144.0	3195.72	2727.10	2139.07	-1.857e+05	4.709e+05	1.985e+05
70	32	1.657e+05	-2.007e+05	4.87e-03	-0.76	0.0	127.27	-3608.96	-2248.42	2.342e+05	-2.007e+05	1.657e+05
		-2.477e+04	-4.712e+05	1.30e-03		72.0	127.27	-1173.90	-2248.42	2.077e+05	-3.360e+05	-4309.15
						144.0	127.27	1233.10	-2248.42	1.862e+05	-4.712e+05	-1915.25
70	41	2.458e+05	1.064e+05	-1.77e-03	-0.53	0.0	2269.03	-2028.25	558.85	-1.254e+05	8.070e+04	1.772e+05
		1.181e+05	8.070e+04	1.68e-03		72.0	2269.03	478.54	558.85	-1.211e+05	9.353e+04	1.210e+05
						144.0	2269.03	2987.64	558.85	-1.178e+05	1.064e+05	2.458e+05
70	44	1.635e+05	-6.527e+04	4.39e-03	-0.51	0.0	1053.97	-3951.04	-668.21	1.265e+05	-6.527e+04	1.635e+05
		-6.318e+04	-1.067e+05	-1.72e-03		72.0	1053.97	-1474.81	-668.21	1.219e+05	-8.598e+04	-3.135e+04
						144.0	1053.97	972.56	-668.21	1.182e+05	-1.067e+05	-4.926e+04
70	61	1.730e+05	2.538e+05	-2.01e-03	-0.64	0.0	2511.66	-2639.00	1114.00	-1.273e+05	1.247e+05	1.730e+05
		7.267e+04	1.247e+05	-6.96e-04		72.0	2511.66	-117.55	1114.00	-1.139e+05	1.893e+05	7.267e+04
						144.0	2511.66	2398.97	1114.00	-1.033e+05	2.538e+05	1.548e+05
70	64	1.677e+05	-1.092e+05	4.01e-03	-0.63	0.0	811.34	-3340.28	-1223.36	1.284e+05	-1.092e+05	1.677e+05
		5712.11	-2.542e+05	6.58e-04		72.0	811.34	-878.72	-1223.36	1.148e+05	-1.817e+05	1.702e+04
						144.0	811.34	1561.23	-1223.36	1.038e+05	-2.542e+05	4.178e+04
70	69	1.630e+05	5235.78	-2.85e-03	-0.46	0.0	1602.43	-2866.55	-40.03	471.93	5235.78	1.630e+05
		3.952e+04	-528.14	-1.10e-05		72.0	1602.43	-475.23	-40.03	380.31	2353.82	4.271e+04
						144.0	1602.43	1903.43	-40.03	289.20	-528.14	9.422e+04
70	70	1.876e+05	1.349e+04	-3.29e-03	-0.51	0.0	1799.33	-3276.84	-88.87	769.54	1.349e+04	1.876e+05
		4.601e+04	690.76	-3.89e-05		72.0	1799.33	-551.58	-88.87	453.43	7089.11	4.982e+04
						144.0	1799.33	2159.01	-88.87	137.92	690.76	1.078e+05
70	71	1.630e+05	5235.78	-2.85e-03	-0.46	0.0	1602.43	-2866.55	-40.03	471.93	5235.78	1.630e+05
		3.952e+04	-528.14	-1.10e-05		72.0	1602.43	-475.23	-40.03	380.31	2353.82	4.271e+04
						144.0	1602.43	1903.43	-40.03	289.20	-528.14	9.422e+04
70	72	1.753e+05	9361.62	-3.07e-03	-0.48	0.0	1700.88	-3071.70	-64.45	620.74	9361.62	1.753e+05
		4.276e+04	81.31	-2.49e-05		72.0	1700.88	-513.41	-64.45	416.87	4721.47	4.626e+04
						144.0	1700.88	2031.22	-64.45	213.56	81.31	1.010e+05
70	73	1.630e+05	5235.78	-2.85e-03	-0.46	0.0	1602.43	-2866.55	-40.03	471.93	5235.78	1.630e+05
		3.952e+04	-528.14	-1.10e-05		72.0	1602.43	-475.23	-40.03	380.31	2353.82	4.271e+04
						144.0	1602.43	1903.43	-40.03	289.20	-528.14	9.422e+04
70	74	1.703e+05	7711.29	-2.98e-03	-0.47	0.0	1661.50	-2989.64	-54.68	561.21	7711.29	1.703e+05
		4.147e+04	-162.47	-1.93e-05		72.0	1661.50	-498.14	-54.68	402.24	3774.41	4.484e+04
						144.0	1661.50	1980.10	-54.68	243.81	-162.47	9.829e+04
71	2	2.366e+05	2.123e+04	-4.00e-03	-0.67	0.0	3210.22	-3633.25	-92.73	1.858e+04	2.123e+04	2.366e+05
		1.051e+05	7872.76	2.51e-04		72.0	3210.22	-21.45	-92.73	1.814e+04	1.455e+04	1.051e+05

						144.0	3210.22	3573.05	-92.73	1.772e+04	7872.76	2.331e+05
71	3	1.549e+05	6974.72	-2.61e-03	-0.46	0.0	2151.61	-2398.65	-29.81	5868.96	6974.72	1.549e+05
		6.841e+04	2681.75	5.65e-05		72.0	2151.61	-5.98	-29.81	5784.16	4828.23	6.841e+04
						144.0	2151.61	2375.39	-29.81	5707.09	2681.75	1.538e+05
71	5	3.935e+05	7.288e+04	-7.96e-03	-0.58	0.0	1377.04	-1015.04	1491.16	-4.114e+05	-1.118e+05	1.779e+05
		1.604e+05	-1.118e+05	-1.94e-03		72.0	1377.04	1515.01	1491.16	-4.016e+05	-1.945e+04	1.929e+05
						144.0	1377.04	4057.61	1491.16	-3.925e+05	7.288e+04	3.935e+05
71	8	1.461e+05	1.306e+05	0.01	-0.55	0.0	3091.43	-3988.26	-1572.38	4.275e+05	1.306e+05	1.461e+05
		-8.436e+04	-6.576e+04	2.12e-03		72.0	3091.43	-1532.44	-1572.38	4.175e+05	3.242e+04	-4.958e+04
						144.0	3091.43	887.18	-1572.38	4.080e+05	-6.576e+04	-7.258e+04
71	22	1.639e+05	1.644e+05	-2.53e-03	-0.76	0.0	152.88	-2498.23	-4260.81	1.103e+06	1.644e+05	1.615e+05
		7.904e+04	-5.528e+05	-5.97e-03		72.0	152.88	-48.88	-4260.81	1.067e+06	-1.942e+05	7.904e+04
						144.0	152.88	2404.11	-4260.81	1.033e+06	-5.528e+05	1.639e+05
71	23	1.624e+05	5.599e+05	8.00e-03	-0.78	0.0	4315.60	-2505.07	4179.60	-1.087e+06	-1.456e+05	1.624e+05
		6.424e+04	-1.456e+05	6.15e-03		72.0	4315.60	31.45	4179.60	-1.051e+06	2.071e+05	6.424e+04
						144.0	4315.60	2540.68	4179.60	-1.017e+06	5.599e+05	1.570e+05
71	37	2.941e+05	3.875e+04	-3.60e-03	-0.53	0.0	1727.75	-1649.09	779.42	-2.158e+05	-5.720e+04	1.711e+05
		1.306e+05	-5.720e+04	-1.15e-03		72.0	1727.75	864.61	779.42	-2.108e+05	-9223.62	1.412e+05
						144.0	1727.75	3380.63	779.42	-2.061e+05	3.875e+04	2.941e+05
71	40	1.529e+05	7.601e+04	8.92e-03	-0.51	0.0	2740.72	-3354.21	-860.63	2.319e+05	7.601e+04	1.529e+05
		-9310.71	-3.164e+04	1.33e-03		72.0	2740.72	-882.04	-860.63	2.266e+05	2.219e+04	2064.70
						144.0	2740.72	1564.17	-860.63	2.216e+05	-3.164e+04	2.680e+04
71	54	1.646e+05	9.501e+04	-1.29e-03	-0.62	0.0	1082.51	-2485.02	-2266.15	5.858e+05	9.501e+04	1.619e+05
		7.682e+04	-2.948e+05	-3.22e-03		72.0	1082.51	-15.00	-2266.15	5.669e+05	-9.987e+04	7.682e+04
						144.0	1082.51	2451.77	-2266.15	5.489e+05	-2.948e+05	1.646e+05
71	55	1.620e+05	3.019e+05	5.69e-03	-0.63	0.0	3385.97	-2518.28	2184.94	-5.697e+05	-7.620e+04	1.620e+05
		6.647e+04	-7.620e+04	3.40e-03		72.0	3385.97	-2.44	2184.94	-5.511e+05	1.128e+05	6.647e+04
						144.0	3385.97	2493.03	2184.94	-5.333e+05	3.019e+05	1.563e+05
71	69	1.549e+05	6974.72	-2.61e-03	-0.46	0.0	2151.61	-2398.65	-29.81	5868.96	6974.72	1.549e+05
		6.841e+04	2681.75	5.65e-05		72.0	2151.61	-5.98	-29.81	5784.16	4828.23	6.841e+04
						144.0	2151.61	2375.39	-29.81	5707.09	2681.75	1.538e+05
71	70	1.784e+05	1.508e+04	-3.02e-03	-0.51	0.0	2427.03	-2741.99	-65.79	1.317e+04	1.508e+04	1.784e+05
		7.919e+04	5606.07	1.75e-04		72.0	2427.03	-15.10	-65.79	1.287e+04	1.034e+04	7.919e+04
						144.0	2427.03	2698.75	-65.79	1.258e+04	5606.07	1.759e+05
71	71	1.549e+05	6974.72	-2.61e-03	-0.46	0.0	2151.61	-2398.65	-29.81	5868.96	6974.72	1.549e+05
		6.841e+04	2681.75	5.65e-05		72.0	2151.61	-5.98	-29.81	5784.16	4828.23	6.841e+04
						144.0	2151.61	2375.39	-29.81	5707.09	2681.75	1.538e+05
71	72	1.667e+05	1.103e+04	-2.81e-03	-0.48	0.0	2289.32	-2570.32	-47.80	9520.51	1.103e+04	1.667e+05
		7.380e+04	4143.91	1.16e-04		72.0	2289.32	-10.54	-47.80	9324.81	7585.69	7.380e+04
						144.0	2289.32	2537.07	-47.80	9141.58	4143.91	1.649e+05
71	73	1.549e+05	6974.72	-2.61e-03	-0.46	0.0	2151.61	-2398.65	-29.81	5868.96	6974.72	1.549e+05
		6.841e+04	2681.75	5.65e-05		72.0	2151.61	-5.98	-29.81	5784.16	4828.23	6.841e+04
						144.0	2151.61	2375.39	-29.81	5707.09	2681.75	1.538e+05
71	74	1.620e+05	9406.37	-2.73e-03	-0.47	0.0	2234.24	-2501.65	-40.61	8059.89	9406.37	1.620e+05
		7.164e+04	3559.05	9.20e-05		72.0	2234.24	-8.72	-40.61	7908.55	6482.71	7.164e+04
						144.0	2234.24	2472.40	-40.61	7767.79	3559.05	1.604e+05
72	2	3.304e+05	2.826e+04	0.04	-0.61	0.0	3382.60	-2621.75	-103.94	4.847e+04	2.826e+04	2.342e+05
		1.568e+05	1.265e+04	1.05e-03		75.1	3382.60	667.33	-103.94	4.823e+04	2.046e+04	1.617e+05
						150.1	3382.60	3798.85	-103.94	4.807e+04	1.265e+04	3.304e+05
72	3	2.215e+05	1.022e+04	0.02	-0.42	0.0	2292.12	-1702.65	-28.63	1.699e+04	1.022e+04	1.526e+05
		1.032e+05	5920.66	3.37e-04		75.1	2292.12	476.27	-28.63	1.698e+04	8069.93	1.071e+05
						150.1	2292.12	2551.07	-28.63	1.699e+04	5920.66	2.215e+05
72	6	3.295e+05	1.786e+05	0.03	-0.49	0.0	-1704.13	-1545.69	-597.82	4.407e+05	9.906e+04	1.789e+05
		1.516e+05	9.906e+04	-4.28e-03		75.1	-1704.13	959.42	-597.82	4.345e+05	1.388e+05	1.648e+05
						150.1	-1704.13	3434.36	-597.82	4.290e+05	1.786e+05	3.295e+05
72	7	1.405e+05	-7.263e+04	-0.06	-0.50	0.0	6449.51	-2022.94	513.87	-3.961e+05	-7.263e+04	1.405e+05
		5.848e+04	-1.648e+05	5.20e-03		75.1	6449.51	12.39	513.87	-3.901e+05	-1.187e+05	5.848e+04
						150.1	6449.51	1860.77	513.87	-3.847e+05	-1.648e+05	1.305e+05
72	21	4.920e+05	2.370e+05	-0.10	-0.68	0.0	3965.06	308.14	5209.16	-1.771e+06	-6.002e+05	1.880e+05
		1.568e+05	-6.002e+05	5.06e-04		75.1	3965.06	2339.40	5209.16	-1.746e+06	-1.816e+05	2.458e+05
						150.1	3965.06	4189.81	5209.16	-1.724e+06	2.370e+05	4.920e+05
72	24	1.315e+05	6.266e+05	0.10	-0.60	0.0	780.32	-3876.77	-5293.11	1.815e+06	6.266e+05	1.315e+05
		-5.045e+04	-2.232e+05	6.94e-04		75.1	780.32	-1367.59	-5293.11	1.790e+06	2.017e+05	-2.254e+04
						150.1	780.32	1105.32	-5293.11	1.768e+06	-2.232e+05	-3.202e+04
72	38	2.901e+05	1.089e+05	0.03	-0.46	0.0	55.49	-1624.71	-284.73	2.409e+05	5.423e+04	1.710e+05
		1.347e+05	5.423e+04	-2.17e-03		75.1	55.49	778.13	-284.73	2.377e+05	8.155e+04	1.437e+05
						150.1	55.49	3116.27	-284.73	2.348e+05	1.089e+05	2.901e+05
72	39	1.699e+05	-2.780e+04	-0.04	-0.47	0.0	4689.89	-1943.91	200.77	-1.964e+05	-2.780e+04	1.485e+05
		7.890e+04	-9.504e+04	3.10e-03		75.1	4689.89	193.68	200.77	-1.932e+05	-6.142e+04	7.958e+04
						150.1	4689.89	2178.86	200.77	-1.904e+05	-9.504e+04	1.699e+05
72	53	3.722e+05	1.322e+05	-0.06	-0.57	0.0	3204.98	-655.15	2742.18	-9.235e+05	-3.114e+05	1.751e+05
		1.454e+05	-3.114e+05	1.69e-04		75.1	3204.98	1489.39	2742.18	-9.105e+05	-8.958e+04	1.845e+05
						150.1	3204.98	3487.41	2742.18	-8.987e+05	1.322e+05	3.722e+05
72	56	1.444e+05	3.378e+05	0.07	-0.52	0.0	1540.40	-2913.47	-2826.13	9.681e+05	3.378e+05	1.444e+05
		3.461e+04	-1.184e+05	1.05e-03		75.1	1540.40	-517.58	-2826.13	9.549e+05	1.097e+05	3.876e+04
						150.1	1540.40	1807.71	-2826.13	9.431e+05	-1.184e+05	8.773e+04
72	69	2.215e+05	1.022e+04	0.02	-0.42	0.0	2292.12	-1702.65	-28.63	1.699e+04	1.022e+04	1.526e+05

		1.032e+05	5920.66	3.37e-04		75.1	2292.12	476.27	-28.63	1.698e+04	8069.93	1.071e+05
						150.1	2292.12	2551.07	-28.63	1.699e+04	5920.66	2.215e+05
72	70	2.498e+05	2.020e+04	0.03	-0.46	0.0	2560.68	-1974.85	-73.11	3.458e+04	2.020e+04	1.765e+05
		1.183e+05	9224.70	7.47e-04		75.1	2560.68	508.39	-73.11	3.442e+04	1.471e+04	1.221e+05
						150.1	2560.68	2872.71	-73.11	3.431e+04	9224.70	2.498e+05
72	71	2.215e+05	1.022e+04	0.02	-0.42	0.0	2292.12	-1702.65	-28.63	1.699e+04	1.022e+04	1.526e+05
		1.032e+05	5920.66	3.37e-04		75.1	2292.12	476.27	-28.63	1.698e+04	8069.93	1.071e+05
						150.1	2292.12	2551.07	-28.63	1.699e+04	5920.66	2.215e+05
72	72	2.356e+05	1.521e+04	0.02	-0.44	0.0	2426.40	-1838.75	-50.87	2.579e+04	1.521e+04	1.645e+05
		1.108e+05	7572.68	5.42e-04		75.1	2426.40	492.33	-50.87	2.570e+04	1.139e+04	1.146e+05
						150.1	2426.40	2711.89	-50.87	2.565e+04	7572.68	2.356e+05
72	73	2.215e+05	1.022e+04	0.02	-0.42	0.0	2292.12	-1702.65	-28.63	1.699e+04	1.022e+04	1.526e+05
		1.032e+05	5920.66	3.37e-04		75.1	2292.12	476.27	-28.63	1.698e+04	8069.93	1.071e+05
						150.1	2292.12	2551.07	-28.63	1.699e+04	5920.66	2.215e+05
72	74	2.300e+05	1.321e+04	0.02	-0.43	0.0	2372.69	-1784.31	-41.98	2.227e+04	1.321e+04	1.597e+05
		1.077e+05	6911.87	4.60e-04		75.1	2372.69	485.90	-41.98	2.221e+04	1.006e+04	1.116e+05
						150.1	2372.69	2647.56	-41.98	2.219e+04	6911.87	2.300e+05
73	1	1.069e+05	2107.16	2.98e-03	-0.45	0.0	-2142.92	-4310.45	93.32	7.602e+04	-9889.06	1.069e+05
		-2.171e+05	-9889.06	4.64e-04		64.3	-2142.92	-2517.60	93.32	7.646e+04	-3890.95	-1.125e+05
						128.6	-2142.92	-737.54	93.32	7.698e+04	2107.16	-2.171e+05
73	2	1.534e+05	-7902.57	4.53e-03	-0.50	0.0	-2290.04	-5200.38	138.72	8.302e+04	-2.574e+04	1.534e+05
		-2.459e+05	-2.574e+04	6.69e-04		64.3	-2290.04	-3102.40	138.72	8.357e+04	-1.682e+04	-1.133e+05
						128.6	-2290.04	-1023.45	138.72	8.422e+04	-7902.57	-2.459e+05
73	3	8.221e+04	1620.89	2.30e-03	-0.34	0.0	-1648.40	-3315.73	71.78	5.848e+04	-7606.97	8.221e+04
		-1.670e+05	-7606.97	3.57e-04		64.3	-1648.40	-1936.62	71.78	5.881e+04	-2993.04	-8.652e+04
						128.6	-1648.40	-567.34	71.78	5.921e+04	1620.89	-1.670e+05
73	6	-1.589e+05	3.345e+05	0.08	-0.44	0.0	-1.049e+04	-3405.27	2947.26	-4.029e+05	-7.709e+05	-1.589e+05
		-3.072e+05	-7.709e+05	3.27e-03		64.3	-1.049e+04	-2793.23	2947.26	-4.050e+05	-2.182e+05	-2.876e+05
						128.6	-1.049e+04	-1828.68	2947.26	-4.076e+05	3.345e+05	-3.005e+05
73	7	3.420e+05	7.494e+05	-0.08	-0.34	0.0	7135.21	-3582.16	-2785.53	5.227e+05	7.494e+05	3.420e+05
		-4.498e+04	-3.353e+05	-2.47e-03		64.3	7135.21	-1313.93	-2785.53	5.255e+05	2.070e+05	1.143e+05
						128.6	7135.21	579.65	-2785.53	5.289e+05	-3.353e+05	-4.498e+04
73	21	1.541e+06	3.024e+05	-0.26	-0.61	0.0	1.779e+04	913.16	115.65	-2.767e+05	6.411e+04	1.541e+06
		6.532e+05	6.411e+04	-2.87e-04		64.3	1.779e+04	3169.58	115.65	-2.752e+05	1.833e+05	1.076e+06
						128.6	1.779e+04	5273.41	115.65	-2.739e+05	3.024e+05	6.532e+05
73	22	-9.326e+05	-6.881e+04	0.26	-0.27	0.0	-2.278e+04	-7124.16	1629.65	8.612e+04	-4.917e+05	-1.256e+06
		-1.256e+06	-4.917e+05	2.32e-03		64.3	-2.278e+04	-6821.34	1629.65	8.413e+04	-2.803e+05	-1.168e+06
						128.6	-2.278e+04	-6211.32	1629.65	8.222e+04	-6.881e+04	-9.326e+05
73	23	1.439e+06	4.702e+05	-0.27	-0.54	0.0	1.943e+04	136.73	-1467.93	3.363e+04	4.702e+05	1.439e+06
		5.871e+05	6.805e+04	-1.52e-03		64.3	1.943e+04	2714.18	-1467.93	3.635e+04	2.691e+05	9.946e+05
						128.6	1.943e+04	4962.28	-1467.93	3.910e+04	6.805e+04	5.871e+05
73	24	-9.986e+05	-8.566e+04	0.27	-0.22	0.0	-2.115e+04	-7900.59	46.08	3.964e+05	-8.566e+04	-1.358e+06
		-1.358e+06	-3.032e+05	8.55e-04		64.3	-2.115e+04	-7276.73	46.08	3.956e+05	-1.944e+05	-1.249e+06
						128.6	-2.115e+04	-6522.45	46.08	3.952e+05	-3.032e+05	-9.986e+05
73	38	-3.499e+04	1.931e+05	0.04	-0.40	0.0	-6464.17	-3385.00	1732.12	-2.095e+05	-4.493e+05	-3.499e+04
		-2.395e+05	-4.493e+05	2.01e-03		64.3	-6464.17	-2405.01	1732.12	-2.106e+05	-1.281e+05	-1.904e+05
						128.6	-6464.17	-1244.80	1732.12	-2.118e+05	1.931e+05	-2.395e+05
73	39	2.180e+05	4.277e+05	-0.05	-0.34	0.0	3108.52	-3602.43	-1570.39	3.293e+05	4.277e+05	2.180e+05
		-1.059e+05	-1.938e+05	-1.22e-03		64.3	3108.52	-1702.14	-1570.39	3.310e+05	1.169e+05	1.706e+04
						128.6	3108.52	-4.23	-1570.39	3.332e+05	-1.938e+05	-1.059e+05
73	53	8.594e+05	1.741e+05	-0.14	-0.49	0.0	8673.99	-1144.97	109.16	-1.263e+05	3.143e+04	8.594e+05
		2.682e+05	3.143e+04	1.43e-04		64.3	8673.99	712.02	109.16	-1.253e+05	1.028e+05	5.304e+05
						128.6	8673.99	2488.60	109.16	-1.245e+05	1.741e+05	2.682e+05
73	54	-5.776e+05	-3.959e+04	0.14	-0.31	0.0	-1.295e+04	-5394.75	966.19	6.701e+04	-2.874e+05	-6.192e+05
		-6.611e+05	-2.874e+05	1.50e-03		64.3	-1.295e+04	-4555.92	966.19	6.609e+04	-1.635e+05	-6.590e+05
						128.6	-1.295e+04	-3564.99	966.19	6.525e+04	-3.959e+04	-5.776e+05
73	55	8.022e+05	2.658e+05	-0.14	-0.45	0.0	9599.20	-1592.68	-804.46	5.274e+04	2.658e+05	8.022e+05
		2.321e+05	3.883e+04	-7.05e-04		64.3	9599.20	448.77	-804.46	5.438e+04	1.523e+05	4.856e+05
						128.6	9599.20	2315.95	-804.46	5.608e+04	3.883e+04	2.321e+05
73	56	-6.136e+05	-5.299e+04	0.14	-0.28	0.0	-1.203e+04	-5842.46	52.57	2.460e+05	-5.299e+04	-6.764e+05
		-7.083e+05	-1.749e+05	6.59e-04		64.3	-1.203e+04	-4819.17	52.57	2.458e+05	-1.139e+05	-7.038e+05
						128.6	-1.203e+04	-3737.64	52.57	2.458e+05	-1.749e+05	-6.136e+05
73	69	8.221e+04	1620.89	2.30e-03	-0.34	0.0	-1648.40	-3315.73	71.78	5.848e+04	-7606.97	8.221e+04
		-1.670e+05	-7606.97	3.57e-04		64.3	-1648.40	-1936.62	71.78	5.881e+04	-2993.04	-8.652e+04
						128.6	-1648.40	-567.34	71.78	5.921e+04	1620.89	-1.670e+05
73	70	1.132e+05	-5052.26	3.33e-03	-0.38	0.0	-1746.48	-3909.02	102.05	6.314e+04	-1.817e+04	1.132e+05
		-1.862e+05	-1.817e+04	4.94e-04		64.3	-1746.48	-2326.48	102.05	6.356e+04	-1.161e+04	-8.709e+04
						128.6	-1746.48	-757.94	102.05	6.404e+04	-5052.26	-1.862e+05
73	71	8.221e+04	1620.89	2.30e-03	-0.34	0.0	-1648.40	-3315.73	71.78	5.848e+04	-7606.97	8.221e+04
		-1.670e+05	-7606.97	3.57e-04		64.3	-1648.40	-1936.62	71.78	5.881e+04	-2993.04	-8.652e+04
						128.6	-1648.40	-567.34	71.78	5.921e+04	1620.89	-1.670e+05
73	72	9.771e+04	-1715.69	2.81e-03	-0.36	0.0	-1697.44	-3612.37	86.92	6.081e+04	-1.289e+04	9.771e+04
		-1.766e+05	-1.289e+04	4.25e-04		64.3	-1697.44	-2131.55	86.92	6.119e+04	-7302.38	-8.680e+04
						128.6	-1697.44	-662.64	86.92	6.136e+04	-1.715e+04	-1.766e+05
73	73	8.221e+04	1620.89	2.30e-03	-0.34	0.0	-1648.40	-3315.73	71.78	5.848e+04	-7606.97	8.221e+04
		-1.670e+05	-7606.97	3.57e-04		64.3	-1648.40	-1936.62	71.78	5.881e+04	-2993.04	-8.652e+04
						128.6	-1648.40	-567.34	71.78	5.921e+04	1620.89	-1.670e+05

73	74	9.151e+04	-381.05	2.60e-03	-0.35	0.0	-1677.83	-3493.71	80.86	5.988e+04	-1.078e+04	9.151e+04
		-1.727e+05	-1.078e+04	3.98e-04		64.3	-1677.83	-2053.58	80.86	6.024e+04	-5578.64	-8.669e+04
						128.6	-1677.83	-624.52	80.86	6.066e+04	-381.05	-1.727e+05
74	2	6.140e+05	-7032.67	-1.43e-03	-0.55	0.0	4374.65	-7276.59	110.29	6.785e+04	-2.015e+04	6.140e+05
		1.686e+04	-2.015e+04	-3.59e-05		59.5	4374.65	-5020.59	110.29	6.896e+04	-1.359e+04	2.483e+05
						118.9	4374.65	-2762.46	110.29	7.013e+04	-7032.67	1.686e+04
74	3	4.064e+05	-5694.95	-1.22e-03	-0.39	0.0	3006.32	-4801.57	78.60	4.681e+04	-1.504e+04	4.064e+05
		1.458e+04	-1.504e+04	1.17e-05		59.5	3006.32	-3294.56	78.60	4.754e+04	-1.037e+04	1.656e+05
						118.9	3006.32	-1784.42	78.60	4.832e+04	-5694.95	1.458e+04
74	4	4.921e+05	-5324.19	-1.11e-03	-0.44	0.0	3472.75	-5836.12	86.72	5.380e+04	-1.564e+04	4.921e+05
		1.248e+04	-1.564e+04	-3.46e-05		59.5	3472.75	-4032.22	86.72	5.470e+04	-1.048e+04	1.986e+05
						118.9	3472.75	-2227.14	86.72	5.564e+04	-5324.19	1.248e+04
74	6	4.071e+05	-9.511e+05	8.77e-03	-0.59	0.0	6274.09	-4485.85	-1027.93	-5.497e+04	-9.511e+05	4.071e+05
		2.980e+04	-1.020e+06	1.57e-03		59.5	6274.09	-3728.13	-1027.93	-5.543e+04	-9.855e+05	1.508e+05
						118.9	6274.09	-2886.76	-1027.93	-5.616e+04	-1.020e+06	2.980e+04
74	7	4.400e+05	1.009e+06	-6.53e-03	-0.30	0.0	-74.88	-5531.11	1188.37	1.514e+05	9.208e+05	4.400e+05
		-1470.76	9.208e+05	-1.55e-03		59.5	-74.88	-3156.06	1188.37	1.534e+05	9.647e+05	1.936e+05
						118.9	-74.88	-859.17	1188.37	1.557e+05	1.009e+06	-1470.76
74	21	1.747e+06	-8.279e+04	-0.02	-0.48	0.0	1.810e+04	2410.07	-1092.09	-9.901e+04	-8.279e+04	1.747e+06
		4.962e+05	-1.860e+05	1.57e-03		59.5	1.810e+04	3794.79	-1092.09	-9.820e+04	-1.344e+05	1.065e+06
						118.9	1.810e+04	5155.12	-1092.09	-9.755e+04	-1.860e+05	4.962e+05
74	24	-4.678e+05	1.747e+05	0.02	-0.35	0.0	-1.191e+04	-1.243e+04	1252.53	1.954e+05	5.246e+04	-8.997e+05
		-8.997e+05	5.246e+04	-1.60e-03		59.5	-1.191e+04	-1.068e+04	1252.53	1.981e+05	5.246e+04	-8.997e+05
						118.9	-1.191e+04	-8901.04	1252.53	1.971e+05	1.747e+05	-4.678e+05
74	38	4.335e+05	-5.540e+05	5.43e-03	-0.51	0.0	5120.83	-4597.78	-558.34	-1.275e+04	-5.540e+05	4.335e+05
		2.932e+04	-5.895e+05	9.14e-04		59.5	5120.83	-3497.80	-558.34	-1.271e+04	-5.718e+05	1.726e+05
						118.9	5120.83	-2353.68	-558.34	-1.281e+04	-5.895e+05	2.932e+04
74	39	4.136e+05	5.783e+05	-3.53e-03	-0.34	0.0	1078.37	-5419.18	718.78	1.092e+05	5.237e+05	4.136e+05
		-987.50	5.237e+05	-8.99e-04		59.5	1078.37	-3386.39	718.78	1.107e+05	5.510e+05	1.718e+05
						118.9	1078.37	-1392.24	718.78	1.124e+05	5.783e+05	-987.50
74	53	1.130e+06	-5.397e+04	-0.01	-0.44	0.0	1.124e+04	-1054.06	-595.67	-3.203e+04	-5.397e+04	1.130e+06
		2.750e+05	-1.095e+05	9.05e-04		59.5	1.124e+04	404.96	-595.67	-3.126e+04	-8.172e+04	6.500e+05
						118.9	1.124e+04	1851.90	-595.67	-3.056e+04	-1.095e+05	2.750e+05
74	56	-2.467e+05	9.822e+04	0.01	-0.36	0.0	-5043.14	-8962.90	756.11	1.285e+05	2.364e+04	-2.830e+05
		-3.079e+05	2.364e+04	-9.25e-04		59.5	-5043.14	-7289.15	756.11	1.292e+05	6.093e+04	-3.056e+05
						118.9	-5043.14	-5597.83	756.11	1.301e+05	9.822e+04	-2.467e+05
74	69	4.064e+05	-5694.95	-1.22e-03	-0.39	0.0	3006.32	-4801.57	78.60	4.681e+04	-1.504e+04	4.064e+05
		1.458e+04	-1.504e+04	1.17e-05		59.5	3006.32	-3294.56	78.60	4.754e+04	-1.037e+04	1.656e+05
						118.9	3006.32	-1784.42	78.60	4.832e+04	-5694.95	1.458e+04
74	70	4.635e+05	-5447.77	-1.10e-03	-0.42	0.0	3317.27	-5491.27	84.01	5.147e+04	-1.544e+04	4.635e+05
		1.318e+04	-1.544e+04	-2.45e-05		59.5	3317.27	-3786.33	84.01	5.231e+04	-1.044e+04	1.876e+05
						118.9	3317.27	-2079.56	84.01	5.320e+04	-5447.77	1.318e+04
74	71	4.064e+05	-5694.95	-1.22e-03	-0.39	0.0	3006.32	-4801.57	78.60	4.681e+04	-1.504e+04	4.064e+05
		1.458e+04	-1.504e+04	1.17e-05		59.5	3006.32	-3294.56	78.60	4.754e+04	-1.037e+04	1.656e+05
						118.9	3006.32	-1784.42	78.60	4.832e+04	-5694.95	1.458e+04
74	72	4.350e+05	-5571.36	-1.12e-03	-0.40	0.0	3161.80	-5146.42	81.30	4.914e+04	-1.524e+04	4.350e+05
		1.388e+04	-1.524e+04	-1.43e-05		59.5	3161.80	-3540.45	81.30	4.993e+04	-1.041e+04	1.766e+05
						118.9	3161.80	-1931.99	81.30	5.076e+04	-5571.36	1.388e+04
74	73	4.064e+05	-5694.95	-1.22e-03	-0.39	0.0	3006.32	-4801.57	78.60	4.681e+04	-1.504e+04	4.064e+05
		1.458e+04	-1.504e+04	1.17e-05		59.5	3006.32	-3294.56	78.60	4.754e+04	-1.037e+04	1.656e+05
						118.9	3006.32	-1784.42	78.60	4.832e+04	-5694.95	1.458e+04
74	74	4.235e+05	-5620.80	-1.15e-03	-0.40	0.0	3099.60	-5008.48	80.22	4.821e+04	-1.516e+04	4.235e+05
		1.416e+04	-1.516e+04	-1.03e-05		59.5	3099.60	-3442.09	80.22	4.898e+04	-1.039e+04	1.722e+05
						118.9	3099.60	-1872.96	80.22	4.978e+04	-5620.80	1.416e+04
75	2	3.908e+05	2.192e+04	-6.56e-04	-0.57	0.0	3746.09	-5275.59	-220.20	-3.819e+04	2.192e+04	3.908e+05
		6.882e+04	992.78	1.28e-04		47.5	3746.09	-3387.49	-220.20	-3.702e+04	1.146e+04	1.849e+05
						95.1	3746.09	-1499.97	-220.20	-3.586e+04	992.78	6.882e+04
75	3	2.605e+05	1.545e+04	-4.45e-04	-0.40	0.0	2612.36	-3491.98	-158.53	-2.606e+04	1.545e+04	2.605e+05
		4.889e+04	383.09	9.14e-05		47.5	2612.36	-2225.71	-158.53	-2.528e+04	7917.47	1.246e+05
						95.1	2612.36	-959.90	-158.53	-2.451e+04	383.09	4.889e+04
75	14	2.652e+05	6.902e+05	0.01	-0.62	0.0	6291.47	-3400.74	-2360.25	-1.416e+05	6.902e+05	2.652e+05
		8.550e+04	-8.370e+05	-3.10e-03		47.5	6291.47	-2778.19	-2360.25	-1.369e+05	-7.337e+04	1.291e+05
						95.1	6291.47	-2113.67	-2360.25	-1.322e+05	-8.370e+05	8.550e+04
75	15	2.766e+05	8.379e+05	-0.01	-0.30	0.0	-926.74	-3877.63	2037.54	8.776e+04	-6.586e+05	2.766e+05
		1.438e+04	-6.586e+05	3.28e-03		47.5	-926.74	-1870.86	2037.54	8.466e+04	8.967e+04	1.293e+05
						95.1	-926.74	93.03	2037.54	8.163e+04	8.379e+05	1.438e+04
75	25	1.312e+06	4.823e+05	-0.03	-0.50	0.0	1.232e+04	3871.73	-2661.98	-2.834e+05	4.823e+05	1.312e+06
		4.154e+05	-1.480e+05	3.31e-03		47.5	1.232e+04	4922.49	-2661.98	-2.817e+05	1.671e+05	8.231e+05
						95.1	1.232e+04	5932.73	-2661.98	-2.802e+05	-1.480e+05	4.154e+05
75	28	-3.156e+05	1.490e+05	0.03	-0.35	0.0	-6960.09	-1.115e+04	2339.27	2.295e+05	-4.506e+05	-7.705e+05
		-7.705e+05	-4.506e+05	-3.12e-03		47.5	-6960.09	-9571.54	2339.27	2.295e+05	-1.508e+05	-5.647e+05
						95.1	-6960.09	-7953.37	2339.27	2.296e+05	1.490e+05	-3.156e+05
75	45	5.851e+05	4.851e+05	-2.34e-03	-0.53	0.0	7388.14	-1240.34	-1990.09	-1.605e+05	4.851e+05	5.851e+05
		1.790e+05	-4.508e+05	-4.64e-04		47.5	7388.14	-342.31	-1990.09	-1.575e+05	1.713e+04	3.405e+05
						95.1	7388.14	563.00	-1990.09	-1.546e+05	-4.508e+05	1.790e+05
75	46	2.817e+05	4.081e+05	6.48e-03	-0.53	0.0	4863.36	-3399.24	-1454.47	-9.592e+04	4.081e+05	2.817e+05
		7.473e+04	-4.814e+05	-1.70e-03		47.5	4863.36	-2484.94	-1454.47	-9.285e+04	-3.667e+04	1.383e+05

						95.1	4863.36	-1547.99	-1454.47	-8.985e+04	-4.814e+05	7.473e+04
75	57	8.253e+05	2.733e+05	-0.01	-0.46	0.0	7923.36	354.81	-1522.33	-1.649e+05	2.733e+05	8.253e+05
		2.469e+05	-8.841e+04	1.80e-03		47.5	7923.36	1519.79	-1522.33	-1.636e+05	9.244e+04	4.993e+05
						95.1	7923.36	2663.35	-1522.33	-1.623e+05	-8.841e+04	2.469e+05
75	60	-1.470e+05	8.937e+04	0.01	-0.37	0.0	-2558.62	-7633.18	1199.63	1.110e+05	-2.416e+05	-2.835e+05
		-2.835e+05	-2.416e+05	-1.61e-03		47.5	-2558.62	-6168.84	1199.63	1.114e+05	-7.614e+04	-2.409e+05
						95.1	-2558.62	-4683.99	1199.63	1.117e+05	8.937e+04	-1.470e+05
75	69	2.605e+05	1.545e+04	-4.45e-04	-0.40	0.0	2612.36	-3491.98	-158.53	-2.606e+04	1.545e+04	2.605e+05
		4.889e+04	383.09	9.14e-05		47.5	2612.36	-2225.71	-158.53	-2.528e+04	7917.47	1.246e+05
						95.1	2612.36	-959.90	-158.53	-2.451e+04	383.09	4.889e+04
75	70	2.953e+05	1.668e+04	-4.96e-04	-0.44	0.0	2845.71	-3982.66	-167.94	-2.894e+04	1.668e+04	2.953e+05
		5.240e+04	712.93	9.77e-05		47.5	2845.71	-2555.09	-167.94	-2.805e+04	8694.43	1.399e+05
						95.1	2845.71	-1127.97	-167.94	-2.718e+04	712.93	5.240e+04
75	71	2.605e+05	1.545e+04	-4.45e-04	-0.40	0.0	2612.36	-3491.98	-158.53	-2.606e+04	1.545e+04	2.605e+05
		4.889e+04	383.09	9.14e-05		47.5	2612.36	-2225.71	-158.53	-2.528e+04	7917.47	1.246e+05
						95.1	2612.36	-959.90	-158.53	-2.451e+04	383.09	4.889e+04
75	72	2.779e+05	1.606e+04	-4.71e-04	-0.42	0.0	2729.04	-3737.32	-163.23	-2.750e+04	1.606e+04	2.779e+05
		5.065e+04	548.01	9.46e-05		47.5	2729.04	-2390.40	-163.23	-2.666e+04	8305.95	1.322e+05
						95.1	2729.04	-1043.93	-163.23	-2.584e+04	548.01	5.065e+04
75	73	2.605e+05	1.545e+04	-4.45e-04	-0.40	0.0	2612.36	-3491.98	-158.53	-2.606e+04	1.545e+04	2.605e+05
		4.889e+04	383.09	9.14e-05		47.5	2612.36	-2225.71	-158.53	-2.528e+04	7917.47	1.246e+05
						95.1	2612.36	-959.90	-158.53	-2.451e+04	383.09	4.889e+04
75	74	2.709e+05	1.582e+04	-4.60e-04	-0.41	0.0	2682.37	-3639.19	-161.35	-2.692e+04	1.582e+04	2.709e+05
		4.994e+04	482.04	9.33e-05		47.5	2682.37	-2324.52	-161.35	-2.611e+04	8150.56	1.292e+05
						95.1	2682.37	-1010.32	-161.35	-2.531e+04	482.04	4.994e+04
76	1	5.688e+05	-1.885e+04	0.02	-0.51	0.0	3094.07	-6864.53	49.34	-6.514e+04	-2.574e+04	5.688e+05
		-7.346e+04	-2.574e+04	-2.32e-04		69.8	3094.07	-4580.87	49.34	-6.400e+04	-2.230e+04	1.697e+05
						139.6	3094.07	-2403.40	49.34	-6.294e+04	-1.885e+04	-7.346e+04
76	2	6.520e+05	-2.070e+04	0.03	-0.56	0.0	3298.26	-7973.35	20.47	-7.144e+04	-2.356e+04	6.520e+05
		-9.753e+04	-2.356e+04	-1.87e-04		69.8	3298.26	-5346.81	20.47	-7.010e+04	-2.213e+04	1.875e+05
						139.6	3298.26	-2639.70	20.47	-6.886e+04	-2.070e+04	-9.753e+04
76	3	4.375e+05	-1.450e+04	0.02	-0.39	0.0	2380.05	-5280.41	37.95	-5.011e+04	-1.980e+04	4.375e+05
		-5.651e+04	-1.980e+04	-1.79e-04		69.8	2380.05	-3523.74	37.95	-4.923e+04	-1.715e+04	1.305e+05
						139.6	2380.05	-1848.77	37.95	-4.842e+04	-1.450e+04	-5.651e+04
76	13	1.018e+06	-5.345e+05	0.04	-0.59	0.0	7896.85	-1159.88	442.90	-3.164e+05	-6.354e+05	1.018e+06
		4.707e+04	-6.354e+05	-0.01		69.8	7896.85	-332.58	442.90	-3.117e+05	-5.849e+05	4.327e+05
						139.6	7896.85	471.30	442.90	-3.075e+05	-5.345e+05	4.707e+04
76	16	-1.096e+05	5.967e+05	-0.02	-0.27	0.0	-3055.07	-9844.46	-378.54	2.136e+05	5.967e+05	-1.096e+05
		-1.725e+05	5.047e+05	0.01		69.8	-3055.07	-7021.29	-378.54	2.108e+05	5.507e+05	-1.645e+05
						139.6	-3055.07	-4343.36	-378.54	2.083e+05	5.047e+05	-1.697e+05
76	25	1.660e+06	-5.844e+05	6.91e-03	-0.53	0.0	1.147e+04	2232.16	-701.95	-1.830e+05	-6.273e+05	1.660e+06
		1.938e+05	-6.273e+05	-4.88e-03		69.8	1.147e+04	3279.76	-701.95	-1.821e+05	-6.058e+05	8.297e+05
						139.6	1.147e+04	4200.98	-701.95	-1.815e+05	-5.844e+05	1.938e+05
76	28	-3.165e+05	5.886e+05	-0.04	-0.30	0.0	-6631.99	-1.324e+04	766.31	8.022e+04	5.886e+05	-7.516e+05
		-7.516e+05	5.546e+05	4.54e-03		69.8	-6631.99	-1.063e+04	766.31	8.119e+04	5.716e+05	-5.615e+05
						139.6	-6631.99	-8073.05	766.31	8.228e+04	5.546e+05	-3.165e+05
76	45	7.629e+05	-3.093e+05	0.03	-0.51	0.0	5469.04	-3100.87	272.67	-2.036e+05	-3.712e+05	7.629e+05
		-1597.92	-3.712e+05	-7.46e-03		69.8	5469.04	-1844.37	272.67	-2.006e+05	-3.402e+05	2.969e+05
						139.6	5469.04	-636.97	272.67	-1.978e+05	-3.093e+05	-1597.92
76	48	1.454e+05	3.325e+05	-0.02	-0.32	0.0	-627.26	-7903.47	-208.31	1.009e+05	3.325e+05	1.454e+05
		-1.210e+05	2.795e+05	7.12e-03		69.8	-627.26	-5509.50	-208.31	9.967e+04	3.060e+05	-2.869e+04
						139.6	-627.26	-3235.09	-208.31	9.855e+04	2.795e+05	-1.210e+05
76	57	1.095e+06	-3.257e+05	0.01	-0.47	0.0	7269.30	-1388.72	-379.36	-1.257e+05	-3.582e+05	1.095e+06
		7.660e+04	-3.582e+05	-2.83e-03		69.8	7269.30	12.73	-379.36	-1.247e+05	-3.419e+05	5.039e+05
						139.6	7269.30	1308.61	-379.36	-1.239e+05	-3.257e+05	7.660e+04
76	60	-1.864e+05	3.194e+05	-0.03	-0.34	0.0	-2427.51	-9615.61	443.72	2.296e+04	3.194e+05	-1.864e+05
		-2.357e+05	2.959e+05	2.49e-03		69.8	-2427.51	-7366.59	443.72	2.382e+04	3.077e+05	-2.357e+05
						139.6	-2427.51	-5180.68	443.72	2.472e+04	2.959e+05	-1.992e+05
76	69	4.375e+05	-1.450e+04	0.02	-0.39	0.0	2380.05	-5280.41	37.95	-5.011e+04	-1.980e+04	4.375e+05
		-5.651e+04	-1.980e+04	-1.79e-04		69.8	2380.05	-3523.74	37.95	-4.923e+04	-1.715e+04	1.305e+05
						139.6	2380.05	-1848.77	37.95	-4.842e+04	-1.450e+04	-5.651e+04
76	70	4.930e+05	-1.574e+04	0.02	-0.42	0.0	2516.18	-6019.62	18.71	-5.431e+04	-1.835e+04	4.930e+05
		-7.255e+04	-1.835e+04	-1.49e-04		69.8	2516.18	-4034.37	18.71	-5.330e+04	-1.704e+04	1.424e+05
						139.6	2516.18	-2139.64	18.71	-5.236e+04	-1.574e+04	-7.255e+04
76	71	4.375e+05	-1.450e+04	0.02	-0.39	0.0	2380.05	-5280.41	37.95	-5.011e+04	-1.980e+04	4.375e+05
		-5.651e+04	-1.980e+04	-1.79e-04		69.8	2380.05	-3523.74	37.95	-4.923e+04	-1.715e+04	1.305e+05
						139.6	2380.05	-1848.77	37.95	-4.842e+04	-1.450e+04	-5.651e+04
76	72	4.652e+05	-1.512e+04	0.02	-0.41	0.0	2448.12	-5650.01	28.33	-5.221e+04	-1.907e+04	4.652e+05
		-6.453e+04	-1.907e+04	-1.64e-04		69.8	2448.12	-3779.06	28.33	-5.127e+04	-1.710e+04	1.365e+05
						139.6	2448.12	-1994.21	28.33	-5.039e+04	-1.512e+04	-6.453e+04
76	73	4.375e+05	-1.450e+04	0.02	-0.39	0.0	2380.05	-5280.41	37.95	-5.011e+04	-1.980e+04	4.375e+05
		-5.651e+04	-1.980e+04	-1.79e-04		69.8	2380.05	-3523.74	37.95	-4.923e+04	-1.715e+04	1.305e+05
						139.6	2380.05	-1848.77	37.95	-4.842e+04	-1.450e+04	-5.651e+04
76	74	4.541e+05	-1.487e+04	0.02	-0.40	0.0	2420.89	-5502.17	32.18	-5.137e+04	-1.937e+04	4.541e+05
		-6.132e+04	-1.937e+04	-1.70e-04		69.8	2420.89	-3676.93	32.18	-5.045e+04	-1.712e+04	1.341e+05
						139.6	2420.89	-1936.03	32.18	-4.960e+04	-1.487e+04	-6.132e+04
77	2	3.528e+05	-1.059e+04	-0.04	-0.63	0.0	4070.36	-2657.35	85.51	-8.039e+04	-2.343e+04	2.427e+05

		1.661e+05	-2.343e+04	-1.07e-03		75.1	4070.36	761.68	85.51	-8.020e+04	-1.701e+04	1.725e+05
						150.1	4070.36	4009.75	85.51	-8.012e+04	-1.059e+04	3.528e+05
77	3	2.361e+05	-4389.73	-0.03	-0.43	0.0	2753.27	-1723.73	15.39	-3.771e+04	-6700.02	1.580e+05
		1.093e+05	-6700.02	-3.50e-04		75.1	2753.27	538.92	15.39	-3.771e+04	-5544.88	1.142e+05
						150.1	2753.27	2688.43	15.39	-3.777e+04	-4389.73	2.361e+05
77	13	3.379e+05	-7.465e+04	0.02	-0.53	0.0	-361.27	-1117.10	1924.09	-6.566e+05	-2.580e+05	1.843e+05
		1.479e+05	-2.580e+05	1.08e-03		75.1	-361.27	1183.88	1924.09	-6.487e+05	-1.663e+05	1.684e+05
						150.1	-361.27	3355.27	1924.09	-6.418e+05	-7.465e+04	3.379e+05
77	16	1.526e+05	2.387e+05	-0.04	-0.49	0.0	6064.24	-2496.96	-1867.12	5.686e+05	2.387e+05	1.466e+05
		6.965e+04	6.392e+04	-2.03e-03		75.1	6064.24	-81.61	-1867.12	5.608e+05	1.513e+05	6.965e+04
						150.1	6064.24	2227.51	-1867.12	5.538e+05	6.392e+04	1.526e+05
77	25	4.480e+05	1.111e+05	7.97e-03	-0.68	0.0	-72.63	-89.98	5105.25	-1.893e+06	-6.435e+05	1.874e+05
		1.543e+05	-6.435e+05	9.55e-04		75.1	-72.63	2025.12	5105.25	-1.869e+06	-2.662e+05	2.229e+05
						150.1	-72.63	3949.50	5105.25	-1.847e+06	1.111e+05	4.480e+05
77	28	1.435e+05	6.242e+05	-0.05	-0.62	0.0	5775.61	-3524.07	-5048.27	1.805e+06	6.242e+05	1.435e+05
		3011.66	-1.218e+05	-1.73e-03		75.1	5775.61	-922.85	-5048.27	1.781e+06	2.512e+05	1.510e+04
						150.1	5775.61	1633.28	-5048.27	1.759e+06	-1.218e+05	4.258e+04
77	45	2.960e+05	-4.667e+04	0.02	-0.49	0.0	1013.53	-1431.80	1045.32	-3.679e+05	-1.435e+05	1.761e+05
		1.340e+05	-1.435e+05	3.43e-04		75.1	1013.53	896.75	1045.32	-3.638e+05	-9.509e+04	1.461e+05
						150.1	1013.53	3101.58	1045.32	-3.602e+05	-4.667e+04	2.960e+05
77	48	1.945e+05	1.242e+05	-0.03	-0.47	0.0	4689.45	-2182.26	-988.34	2.800e+05	1.242e+05	1.548e+05
		9.106e+04	3.594e+04	-1.21e-03		75.1	4689.45	205.52	-988.34	2.759e+05	8.008e+04	9.191e+04
						150.1	4689.45	2481.20	-988.34	2.722e+05	3.594e+04	1.945e+05
77	57	3.534e+05	5.676e+04	0.02	-0.57	0.0	1217.28	-890.86	2712.73	-1.019e+06	-3.447e+05	1.774e+05
		1.445e+05	-3.447e+05	-2.76e-04		75.1	1217.28	1337.67	2712.73	-1.006e+06	-1.439e+05	1.745e+05
						150.1	1217.28	3409.64	2712.73	-9.949e+05	5.676e+04	3.534e+05
77	60	1.535e+05	3.254e+05	-0.04	-0.54	0.0	4485.69	-2723.20	-2655.76	9.310e+05	3.254e+05	1.535e+05
		6.283e+04	-6.750e+04	-6.70e-04		75.1	4485.69	-235.40	-2655.76	9.183e+05	1.289e+05	6.353e+04
						150.1	4485.69	2173.15	-2655.76	9.069e+05	-6.750e+04	1.371e+05
77	69	2.361e+05	-4389.73	-0.03	-0.43	0.0	2753.27	-1723.73	15.39	-3.771e+04	-6700.02	1.580e+05
		1.093e+05	-6700.02	-3.50e-04		75.1	2753.27	538.92	15.39	-3.771e+04	-5544.88	1.142e+05
						150.1	2753.27	2688.43	15.39	-3.777e+04	-4389.73	2.361e+05
77	70	2.667e+05	-7644.87	-0.03	-0.48	0.0	3080.68	-2001.40	59.06	-5.862e+04	-1.651e+04	1.829e+05
		1.253e+05	-1.651e+04	-7.61e-04		75.1	3080.68	579.64	59.06	-5.849e+04	-1.208e+04	1.302e+05
						150.1	3080.68	3031.63	59.06	-5.845e+04	-7644.87	2.667e+05
77	71	2.361e+05	-4389.73	-0.03	-0.43	0.0	2753.27	-1723.73	15.39	-3.771e+04	-6700.02	1.580e+05
		1.093e+05	-6700.02	-3.50e-04		75.1	2753.27	538.92	15.39	-3.771e+04	-5544.88	1.142e+05
						150.1	2753.27	2688.43	15.39	-3.777e+04	-4389.73	2.361e+05
77	72	2.514e+05	-6017.30	-0.03	-0.46	0.0	2916.97	-1862.56	37.22	-4.816e+04	-1.161e+04	1.704e+05
		1.173e+05	-1.161e+04	-5.55e-04		75.1	2916.97	559.28	37.22	-4.810e+04	-8811.37	1.222e+05
						150.1	2916.97	2860.03	37.22	-4.811e+04	-6017.30	2.514e+05
77	73	2.361e+05	-4389.73	-0.03	-0.43	0.0	2753.27	-1723.73	15.39	-3.771e+04	-6700.02	1.580e+05
		1.093e+05	-6700.02	-3.50e-04		75.1	2753.27	538.92	15.39	-3.771e+04	-5544.88	1.142e+05
						150.1	2753.27	2688.43	15.39	-3.777e+04	-4389.73	2.361e+05
77	74	2.453e+05	-5366.27	-0.03	-0.45	0.0	2851.49	-1807.03	28.49	-4.398e+04	-9643.27	1.655e+05
		1.141e+05	-9643.27	-4.73e-04		75.1	2851.49	551.13	28.49	-4.394e+04	-7504.77	1.190e+05
						150.1	2851.49	2791.39	28.49	-4.397e+04	-5366.27	2.453e+05
78	2	2.839e+05	-8471.27	2.63e-03	-0.69	0.0	4341.18	-3473.92	95.54	-4.558e+04	-2.223e+04	2.409e+05
		1.261e+05	-2.223e+04	-3.34e-04		72.0	4341.18	300.50	95.54	-4.489e+04	-1.535e+04	1.267e+05
						144.0	4341.18	4063.81	95.54	-4.425e+04	-8471.27	2.839e+05
78	3	1.869e+05	-3068.70	1.74e-03	-0.47	0.0	2900.37	-2295.06	32.92	-2.373e+04	-7809.58	1.577e+05
		8.201e+04	-7809.58	-1.19e-04		72.0	2900.37	203.86	32.92	-2.347e+04	-5439.14	8.244e+04
						144.0	2900.37	2695.43	32.92	-2.324e+04	-3068.70	1.869e+05
78	13	3.108e+05	2.003e+05	-8.47e-03	-0.59	0.0	1037.84	-1635.50	1511.65	-4.174e+05	-9.240e+04	1.728e+05
		1.337e+05	-9.240e+04	2.85e-04		72.0	1037.84	973.58	1511.65	-4.059e+05	5.394e+04	1.468e+05
						144.0	1037.84	3579.38	1511.65	-3.950e+05	2.003e+05	3.108e+05
78	16	1.570e+05	7.195e+04	8.70e-03	-0.57	0.0	4991.19	-3150.76	-1424.71	3.641e+05	7.195e+04	1.570e+05
		2.181e+04	-2.082e+05	-5.94e-04		72.0	4991.19	-551.66	-1424.71	3.532e+05	-6.813e+04	2.590e+04
						144.0	4991.19	2035.38	-1424.71	3.429e+05	-2.082e+05	7.941e+04
78	21	2.650e+05	5.702e+05	-0.01	-0.80	0.0	1136.64	-1936.32	4499.86	-1.200e+06	-2.027e+05	1.693e+05
		1.114e+05	-2.027e+05	9.36e-03		72.0	1136.64	716.21	4499.86	-1.164e+06	1.838e+05	1.183e+05
						144.0	1136.64	3354.47	4499.86	-1.130e+06	5.702e+05	2.650e+05
78	24	1.605e+05	1.822e+05	0.01	-0.78	0.0	4892.39	-2849.94	-4412.92	1.146e+06	1.822e+05	1.605e+05
		5.315e+04	-5.782e+05	-9.67e-03		72.0	4892.39	-294.30	-4412.92	1.111e+06	-1.980e+05	5.435e+04
						144.0	4892.39	2260.29	-4412.92	1.078e+06	-5.782e+05	1.252e+05
78	25	2.849e+05	5.652e+05	-0.01	-0.80	0.0	988.76	-1806.42	4509.31	-1.190e+06	-1.952e+05	1.706e+05
		1.196e+05	-1.952e+05	4.93e-03		72.0	988.76	845.04	4509.31	-1.154e+06	1.850e+05	1.290e+05
						144.0	988.76	3483.90	4509.31	-1.120e+06	5.652e+05	2.849e+05
78	28	1.592e+05	1.747e+05	0.01	-0.78	0.0	5040.26	-2979.84	-4422.36	1.136e+06	1.747e+05	1.592e+05
		4.134e+04	-5.731e+05	-5.24e-03		72.0	5040.26	-423.12	-4422.36	1.101e+06	-1.992e+05	4.370e+04
						144.0	5040.26	2130.86	-4422.36	1.067e+06	-5.731e+05	1.052e+05
78	45	2.610e+05	1.065e+05	-5.50e-03	-0.54	0.0	1881.22	-1961.43	820.20	-2.338e+05	-5.638e+04	1.694e+05
		1.151e+05	-5.638e+04	-3.58e-05		72.0	1881.22	644.81	820.20	-2.276e+05	2.505e+04	1.209e+05
						144.0	1881.22	3246.01	820.20	-2.217e+05	1.065e+05	2.610e+05
78	48	1.604e+05	3.593e+04	5.63e-03	-0.53	0.0	4147.80	-2824.82	-733.25	1.804e+05	3.593e+04	1.604e+05
		5.130e+04	-1.144e+05	-3.44e-04		72.0	4147.80	-222.89	-733.25	1.749e+05	-3.924e+04	5.184e+04
						144.0	4147.80	2368.75	-733.25	1.696e+05	-1.144e+05	1.292e+05

78	53	2.327e+05	3.033e+05	-7.86e-03	-0.65	0.0	1954.08	-2147.20	2396.35	-6.464e+05	-1.171e+05	1.673e+05
		1.007e+05	-1.171e+05	5.00e-03		72.0	1954.08	482.43	2396.35	-6.276e+05	9.308e+04	1.036e+05
						144.0	1954.08	3100.87	2396.35	-6.097e+05	3.033e+05	2.327e+05
78	56	1.625e+05	9.668e+04	7.89e-03	-0.64	0.0	4074.95	-2639.05	-2309.41	5.930e+05	9.668e+04	1.625e+05
		6.909e+04	-3.112e+05	-5.31e-03		72.0	4074.95	-60.51	-2309.41	5.749e+05	-1.073e+05	6.909e+04
						144.0	4074.95	2513.89	-2309.41	5.576e+05	-3.112e+05	1.575e+05
78	57	2.442e+05	3.007e+05	-8.10e-03	-0.65	0.0	1868.88	-2072.16	2401.50	-6.410e+05	-1.132e+05	1.680e+05
		1.056e+05	-1.132e+05	2.57e-03		72.0	1868.88	556.84	2401.50	-6.220e+05	9.375e+04	1.097e+05
						144.0	1868.88	3175.62	2401.50	-6.039e+05	3.007e+05	2.442e+05
78	60	1.618e+05	9.271e+04	8.13e-03	-0.64	0.0	4160.15	-2714.09	-2314.55	5.876e+05	9.271e+04	1.618e+05
		6.295e+04	-3.086e+05	-2.88e-03		72.0	4160.15	-134.93	-2314.55	5.693e+05	-1.079e+05	6.295e+04
						144.0	4160.15	2439.13	-2314.55	5.518e+05	-3.086e+05	1.460e+05
78	69	1.869e+05	-3068.70	1.74e-03	-0.47	0.0	2900.37	-2295.06	32.92	-2.373e+04	-7809.58	1.577e+05
		8.201e+04	-7809.58	-1.19e-04		72.0	2900.37	203.86	32.92	-2.347e+04	-5439.14	8.244e+04
						144.0	2900.37	2695.43	32.92	-2.324e+04	-3068.70	1.869e+05
78	70	2.142e+05	-6056.68	1.98e-03	-0.53	0.0	3280.84	-2621.96	68.08	-3.355e+04	-1.586e+04	1.817e+05
		9.502e+04	-1.586e+04	-2.39e-04		72.0	3280.84	227.52	68.08	-3.305e+04	-1.096e+04	9.546e+04
						144.0	3280.84	3068.59	68.08	-3.260e+04	-6056.68	2.142e+05
78	71	1.869e+05	-3068.70	1.74e-03	-0.47	0.0	2900.37	-2295.06	32.92	-2.373e+04	-7809.58	1.577e+05
		8.201e+04	-7809.58	-1.19e-04		72.0	2900.37	203.86	32.92	-2.347e+04	-5439.14	8.244e+04
						144.0	2900.37	2695.43	32.92	-2.324e+04	-3068.70	1.869e+05
78	72	2.006e+05	-4562.69	1.86e-03	-0.50	0.0	3090.60	-2458.51	50.50	-2.864e+04	-1.184e+04	1.697e+05
		8.851e+04	-1.184e+04	-1.79e-04		72.0	3090.60	215.69	50.50	-2.826e+04	-8198.93	8.895e+04
						144.0	3090.60	2882.01	50.50	-2.792e+04	-4562.69	2.006e+05
78	73	1.869e+05	-3068.70	1.74e-03	-0.47	0.0	2900.37	-2295.06	32.92	-2.373e+04	-7809.58	1.577e+05
		8.201e+04	-7809.58	-1.19e-04		72.0	2900.37	203.86	32.92	-2.347e+04	-5439.14	8.244e+04
						144.0	2900.37	2695.43	32.92	-2.324e+04	-3068.70	1.869e+05
78	74	1.951e+05	-3965.10	1.81e-03	-0.49	0.0	3014.51	-2393.13	43.47	-2.668e+04	-1.022e+04	1.649e+05
		8.591e+04	-1.022e+04	-1.55e-04		72.0	3014.51	210.96	43.47	-2.635e+04	-7095.01	8.635e+04
						144.0	3014.51	2807.38	43.47	-2.605e+04	-3965.10	1.951e+05
79	2	2.400e+05	-6462.23	-6.61e-03	-0.67	0.0	3388.97	-3962.05	122.56	-2.099e+04	-2.411e+04	2.400e+05
		8.034e+04	-2.411e+04	1.90e-04		72.0	3388.97	-417.99	122.56	-2.008e+04	-1.529e+04	8.210e+04
						144.0	3388.97	3154.29	122.56	-1.919e+04	-6462.23	1.805e+05
79	3	1.572e+05	-3306.12	-4.35e-03	-0.46	0.0	2269.43	-2618.92	39.39	-1.301e+04	-8978.18	1.572e+05
		5.198e+04	-8978.18	1.06e-04		72.0	2269.43	-270.50	39.39	-1.261e+04	-6142.15	5.308e+04
						144.0	2269.43	2096.49	39.39	-1.223e+04	-3306.12	1.187e+05
79	17	2.508e+05	1.587e+05	-9.31e-03	-0.58	0.0	299.36	-1933.85	860.72	-1.352e+05	7.051e+04	1.709e+05
		1.160e+05	7.051e+04	5.79e-04		72.0	299.36	555.64	860.72	-1.254e+05	1.146e+05	1.203e+05
						144.0	299.36	3073.59	860.72	-1.168e+05	1.587e+05	2.508e+05
79	20	1.578e+05	-9.345e+04	6.85e-03	-0.55	0.0	4414.99	-3526.97	-753.40	1.076e+05	-9.345e+04	1.578e+05
		-2.764e+04	-1.662e+05	-3.46e-04		72.0	4414.99	-1123.18	-753.40	9.872e+04	-1.298e+05	-8914.28
						144.0	4414.99	1290.92	-753.40	9.104e+04	-1.662e+05	-2913.17
79	29	1.770e+05	4.689e+05	-0.02	-0.79	0.0	481.91	-2422.07	2301.01	-2.608e+05	1.693e+05	1.667e+05
		8.005e+04	1.693e+05	-1.54e-03		72.0	481.91	82.98	2301.01	-2.308e+05	3.191e+05	8.005e+04
						144.0	481.91	2616.60	2301.01	-2.043e+05	4.689e+05	1.770e+05
79	32	1.621e+05	-1.922e+05	0.02	-0.76	0.0	4232.44	-3038.74	-2193.69	2.332e+05	-1.922e+05	1.621e+05
		2.506e+04	-4.764e+05	1.75e-03		72.0	4232.44	-650.51	-2193.69	2.041e+05	-3.343e+05	3.135e+04
						144.0	4232.44	1747.91	-2193.69	1.786e+05	-4.764e+05	7.090e+04
79	33	1.997e+05	4.626e+05	-0.02	-0.79	0.0	289.65	-2276.17	2212.29	-2.286e+05	1.845e+05	1.678e+05
		9.113e+04	1.845e+05	-1.87e-03		72.0	289.65	232.36	2212.29	-1.986e+05	3.236e+05	9.178e+04
						144.0	289.65	2771.03	2212.29	-1.722e+05	4.626e+05	1.997e+05
79	36	1.609e+05	-2.074e+05	0.02	-0.76	0.0	4424.70	-3184.64	-2104.97	2.009e+05	-2.074e+05	1.609e+05
		1.016e+04	-4.701e+05	2.09e-03		72.0	4424.70	-799.89	-2104.97	1.719e+05	-3.388e+05	1.962e+04
						144.0	4424.70	1593.49	-2104.97	1.464e+05	-4.701e+05	4.824e+04
79	49	1.966e+05	8.437e+04	-7.10e-03	-0.53	0.0	1178.57	-2274.14	484.68	-8.068e+04	3.474e+04	1.681e+05
		9.236e+04	3.474e+04	4.14e-04		72.0	1178.57	196.42	484.68	-7.537e+04	5.955e+04	9.272e+04
						144.0	1178.57	2691.48	484.68	-7.073e+04	8.437e+04	1.966e+05
79	52	1.606e+05	-5.767e+04	5.68e-03	-0.51	0.0	3535.78	-3186.68	-377.36	5.302e+04	-5.767e+04	1.606e+05
		1.037e+04	-9.185e+04	-1.81e-04		72.0	3535.78	-763.95	-377.36	4.867e+04	-7.476e+04	1.868e+04
						144.0	3535.78	1673.03	-377.36	4.495e+04	-9.185e+04	5.134e+04
79	61	1.657e+05	2.511e+05	-0.01	-0.64	0.0	1302.44	-2563.52	1246.99	-1.477e+05	8.991e+04	1.657e+05
		6.890e+04	8.991e+04	-7.77e-04		72.0	1302.44	-85.87	1246.99	-1.320e+05	1.705e+05	6.890e+04
						144.0	1302.44	2416.11	1246.99	-1.183e+05	2.511e+05	1.526e+05
79	64	1.630e+05	-1.128e+05	0.01	-0.62	0.0	3411.91	-2897.30	-1139.67	1.201e+05	-1.128e+05	1.630e+05
		3.931e+04	-2.585e+05	9.80e-04		72.0	3411.91	-481.67	-1139.67	1.053e+05	-1.857e+05	4.250e+04
						144.0	3411.91	1948.40	-1139.67	9.254e+04	-2.585e+05	9.529e+04
79	69	1.572e+05	-3306.12	-4.35e-03	-0.46	0.0	2269.43	-2618.92	39.39	-1.301e+04	-8978.18	1.572e+05
		5.198e+04	-8978.18	1.06e-04		72.0	2269.43	-270.50	39.39	-1.261e+04	-6142.15	5.308e+04
						144.0	2269.43	2096.49	39.39	-1.223e+04	-3306.12	1.187e+05
79	70	1.810e+05	-4748.97	-4.99e-03	-0.51	0.0	2561.91	-2990.55	86.96	-1.573e+04	-1.727e+04	1.810e+05
		6.049e+04	-1.727e+04	1.41e-04		72.0	2561.91	-314.73	86.96	-1.507e+04	-1.101e+04	6.181e+04
						144.0	2561.91	2382.39	86.96	-1.443e+04	-4748.97	1.361e+05
79	71	1.572e+05	-3306.12	-4.35e-03	-0.46	0.0	2269.43	-2618.92	39.39	-1.301e+04	-8978.18	1.572e+05
		5.198e+04	-8978.18	1.06e-04		72.0	2269.43	-270.50	39.39	-1.261e+04	-6142.15	5.308e+04
						144.0	2269.43	2096.49	39.39	-1.223e+04	-3306.12	1.187e+05
79	72	1.691e+05	-4027.54	-4.67e-03	-0.48	0.0	2415.67	-2804.73	63.18	-1.437e+04	-1.312e+04	1.691e+05
		5.623e+04	-1.312e+04	1.23e-04		72.0	2415.67	-292.61	63.18	-1.384e+04	-8576.15	5.745e+04

79	73	1.572e+05	-3306.12	-4.35e-03	-0.46	144.0	2415.67	2239.44	63.18	-1.333e+04	-4027.54	1.274e+05
		5.198e+04	-8978.18	1.06e-04		0.0	2269.43	-2618.92	39.39	-1.301e+04	-8978.18	1.572e+05
						72.0	2269.43	-270.50	39.39	-1.261e+04	-6142.15	5.308e+04
						144.0	2269.43	2096.49	39.39	-1.223e+04	-3306.12	1.187e+05
79	74	1.644e+05	-3738.97	-4.54e-03	-0.47	0.0	2357.17	-2730.41	53.66	-1.383e+04	-1.147e+04	1.644e+05
		5.453e+04	-1.147e+04	1.16e-04		72.0	2357.17	-283.77	53.66	-1.335e+04	-7838.31	5.570e+04
						144.0	2357.17	2182.26	53.66	-1.289e+04	-3738.97	1.240e+05
						0.0	2733.25	-3210.89	99.23	-4152.54	-2.213e+04	2.057e+05
80	2	2.057e+05	-7838.31	-0.02	-0.59	72.0	2733.25	-372.33	99.23	-3216.75	-1.498e+04	7.603e+04
		7.430e+04	-2.213e+04	8.03e-04		144.0	2733.25	2570.61	99.23	-2285.26	-7838.31	1.546e+05
						0.0	1843.42	-2120.08	23.18	-7542.89	-5067.40	1.345e+05
						72.0	1843.42	-235.63	23.18	-7079.21	-3398.26	4.923e+04
80	3	1.345e+05	-1729.12	-0.02	-0.40	144.0	1843.42	1717.71	23.18	-6624.99	-1729.12	1.022e+05
		4.819e+04	-5067.40	3.00e-04		0.0	3340.69	-740.50	-1062.16	-3.475e+05	1.207e+05	1.473e+05
						72.0	3340.69	1143.72	-1062.16	-3.547e+05	2.030e+04	1.505e+05
						144.0	3340.69	3152.68	-1062.16	-3.623e+05	-8.007e+04	3.044e+05
80	20	1.340e+05	7.438e+04	0.02	-0.47	0.0	480.87	-3681.57	1136.17	3.347e+05	-1.370e+05	1.340e+05
		-9.422e+04	-1.370e+05	-1.27e-03		72.0	480.87	-1641.38	1136.17	3.429e+05	-3.133e+04	-4.718e+04
						144.0	480.87	417.77	1136.17	3.516e+05	7.438e+04	-9.135e+04
						0.0	79.14	-548.41	-1481.16	-1.018e+06	2.284e+05	1.582e+05
80	33	2.963e+05	2.284e+05	-1.55e-03	-0.68	72.0	79.14	1166.61	-1481.16	-1.044e+06	6.170e+04	1.456e+05
		1.181e+05	-1.050e+05	-3.82e-03		144.0	79.14	3045.22	-1481.16	-1.070e+06	-1.050e+05	2.963e+05
						0.0	5047.53	-3232.95	1130.74	9.808e+05	-2.066e+05	1.241e+05
						72.0	5047.53	-1026.08	1130.74	1.007e+06	-6.899e+04	4247.04
80	34	1.241e+05	6.860e+04	-0.04	-0.63	144.0	5047.53	1177.63	1130.74	1.035e+06	6.860e+04	9729.36
		-1.284e+04	-2.066e+05	6.51e-03		0.0	-1225.97	-1189.13	-1056.74	-9.936e+05	1.902e+05	1.572e+05
						72.0	-1225.97	528.42	-1056.74	-1.019e+06	5.797e+04	9.903e+04
						144.0	-1225.97	2392.83	-1056.74	-1.046e+06	-7.430e+04	2.033e+05
80	36	1.231e+05	9.932e+04	0.03	-0.63	0.0	3742.43	-3873.66	1555.17	1.006e+06	-2.448e+05	1.231e+05
		-8.776e+04	-2.448e+05	4.59e-03		72.0	3742.43	-1664.27	1555.17	1.032e+06	-7.272e+04	-4.232e+04
						144.0	3742.43	525.23	1555.17	1.060e+06	9.932e+04	-8.322e+04
						0.0	2756.63	-1380.96	-578.82	-1.876e+05	6.370e+04	1.443e+05
80	49	2.187e+05	6.370e+04	-0.02	-0.47	72.0	2756.63	539.41	-578.82	-1.910e+05	8172.92	1.077e+05
		1.024e+05	-4.735e+04	1.45e-03		144.0	2756.63	2561.06	-578.82	-1.948e+05	-4.735e+04	2.187e+05
						0.0	1064.94	-3041.12	652.83	1.748e+05	-8.005e+04	1.370e+05
						72.0	1064.94	-1037.07	652.83	1.793e+05	-1.920e+04	-4382.82
80	52	1.370e+05	4.166e+04	0.02	-0.44	144.0	1064.94	1009.39	652.83	1.840e+05	4.166e+04	-5629.05
		-2.342e+04	-8.005e+04	-6.89e-04		0.0	927.73	-1314.24	-775.90	-5.417e+05	1.202e+05	1.501e+05
						72.0	927.73	516.11	-775.90	-5.547e+05	2.932e+04	1.025e+05
						144.0	927.73	2467.58	-775.90	-5.685e+05	-6.160e+04	2.092e+05
80	66	1.318e+05	3.818e+04	-0.03	-0.52	0.0	3645.98	-2737.92	604.66	5.153e+05	-1.146e+05	1.318e+05
		2.082e+04	-1.146e+05	3.53e-03		72.0	3645.98	-645.36	604.66	5.294e+05	-3.821e+04	2.768e+04
						144.0	3645.98	1479.45	604.66	5.443e+05	3.818e+04	5.753e+04
						0.0	175.58	-1684.16	-530.65	-5.281e+05	9.825e+04	1.495e+05
80	67	1.555e+05	9.825e+04	6.40e-03	-0.55	72.0	175.58	147.70	-530.65	-5.412e+05	2.719e+04	7.559e+04
		7.533e+04	-4.388e+04	-2.77e-03		144.0	175.58	2091.00	-530.65	-5.550e+05	-4.388e+04	1.555e+05
						0.0	2893.83	-3107.84	849.90	5.289e+05	-1.366e+05	1.312e+05
						72.0	2893.83	-1013.77	849.90	5.429e+05	-4.034e+04	803.24
80	68	1.312e+05	5.591e+04	0.03	-0.52	144.0	2893.83	1102.88	849.90	5.578e+05	5.591e+04	3882.86
		-1.670e+04	-1.366e+05	2.42e-03		0.0	1843.42	-2120.08	23.18	-7542.89	-5067.40	1.345e+05
						72.0	1843.42	-235.63	23.18	-7079.21	-3398.26	4.923e+04
						144.0	1843.42	1717.71	23.18	-6624.99	-1729.12	1.022e+05
80	69	1.345e+05	-1729.12	-0.02	-0.40	0.0	2067.96	-2423.27	69.25	-3774.08	-1.543e+04	1.551e+05
		4.819e+04	-5067.40	3.00e-04		72.0	2067.96	-279.64	69.25	-3088.39	-1.044e+04	5.725e+04
						144.0	2067.96	1942.77	69.25	-2406.84	-5456.09	1.167e+05
						0.0	1843.42	-2120.08	23.18	-7542.89	-5067.40	1.345e+05
80	71	1.345e+05	-1729.12	-0.02	-0.40	72.0	1843.42	-235.63	23.18	-7079.21	-3398.26	4.923e+04
		4.819e+04	-5067.40	3.00e-04		144.0	1843.42	1717.71	23.18	-6624.99	-1729.12	1.022e+05
						0.0	1955.69	-2271.68	46.22	-5658.49	-1.025e+04	1.448e+05
						72.0	1955.69	-257.63	46.22	-5083.80	-6920.09	5.324e+04
80	72	1.448e+05	-3592.60	-0.02	-0.42	144.0	1955.69	1830.24	46.22	-4515.91	-3592.60	1.094e+05
		5.208e+04	-1.025e+04	4.38e-04		0.0	1843.42	-2120.08	23.18	-7542.89	-5067.40	1.345e+05
						72.0	1843.42	-235.63	23.18	-7079.21	-3398.26	4.923e+04
						144.0	1843.42	1717.71	23.18	-6624.99	-1729.12	1.022e+05
80	73	1.345e+05	-1729.12	-0.02	-0.40	0.0	1910.78	-2211.04	37.00	-6412.25	-8175.50	1.406e+05
		4.819e+04	-5067.40	3.00e-04		72.0	1910.78	-248.83	37.00	-5881.96	-5511.36	5.164e+04
						144.0	1910.78	1785.23	37.00	-5359.54	-2847.21	1.065e+05
						0.0	-4389.30	-4093.74	-35.31	-2.874e+04	-4419.65	-5.007e+04
81	1	-5.007e+04	-4419.65	-0.02	-0.44	75.1	-4389.30	-2078.29	-35.31	-2.785e+04	-7069.93	-2.812e+05
		-3.639e+05	-9720.22	8.09e-04		150.1	-4389.30	-133.36	-35.31	-2.699e+04	-9720.22	-3.639e+05
						0.0	-5154.58	-4852.75	-58.87	-1.177e+04	9506.88	-5.039e+04
						75.1	-5154.58	-2509.81	-58.87	-1.072e+04	5087.49	-3.260e+05
81	2	-5.039e+04	9506.88	-0.02	-0.49	150.1	-5154.58	-252.79	-58.87	-9691.33	668.10	-4.293e+05
		-4.293e+05	668.10	1.29e-03		0.0	-3376.38	-3149.03	-27.16	-2.211e+04	-3399.73	-3.852e+04
						75.1	-3376.38	-1598.68	-27.16	-2.142e+04	-5438.41	-2.163e+05
						150.1	-3376.38	-102.58	-27.16	-2.076e+04	-7477.09	-2.799e+05
81	4	-3.883e+04	1.053e+04	-0.02	-0.39	0.0	-4141.66	-3908.04	-50.73	-5134.10	1.053e+04	-3.883e+04

		-3.454e+05	2911.23	1.10e-03		75.1	-4141.66	-2030.21	-50.73	-4295.14	6719.01	-2.612e+05
						150.1	-4141.66	-222.01	-50.73	-3462.43	2911.23	-3.454e+05
81	13	3.514e+05	8.317e+05	-0.14	-0.51	0.0	3093.89	-1851.51	-1409.58	-5.618e+05	8.317e+05	3.514e+05
		-7.127e+04	4.818e+05	5.33e-03		75.1	3093.89	-302.63	-1409.58	-5.634e+05	6.568e+05	7.380e+04
						150.1	3093.89	1278.47	-1409.58	-5.659e+05	4.818e+05	-7.127e+04
81	16	-4.285e+05	-4.926e+05	0.12	-0.27	0.0	-1.015e+04	-4750.15	1345.84	5.244e+05	-8.329e+05	-4.285e+05
		-5.291e+05	-8.329e+05	-3.89e-03		75.1	-1.015e+04	-3067.35	1345.84	5.274e+05	-6.628e+05	-5.243e+05
						150.1	-1.015e+04	-1531.41	1345.84	5.313e+05	-4.926e+05	-5.147e+05
81	17	3.695e+05	8.642e+05	-0.14	-0.53	0.0	3059.99	-1629.93	-1565.93	-5.951e+05	8.642e+05	3.695e+05
		-6.859e+04	4.792e+05	6.44e-03		75.1	3059.99	-165.99	-1565.93	-5.971e+05	6.717e+05	7.835e+04
						150.1	3059.99	1340.85	-1565.93	-5.999e+05	4.792e+05	-6.859e+04
81	20	-4.466e+05	-4.900e+05	0.12	-0.26	0.0	-1.012e+04	-4971.74	1502.19	5.577e+05	-8.655e+05	-4.466e+05
		-5.312e+05	-8.655e+05	-5.01e-03		75.1	-1.012e+04	-3203.98	1502.19	5.611e+05	-6.777e+05	-5.289e+05
						150.1	-1.012e+04	-1593.79	1502.19	5.652e+05	-4.900e+05	-5.174e+05
81	33	3.966e+05	7.921e+05	-0.09	-0.66	0.0	-726.11	917.00	-6633.49	-1.681e+06	7.921e+05	3.966e+05
		-1.873e+05	-3.423e+05	9.19e-03		75.1	-726.11	1053.48	-6633.49	-1.689e+06	2.249e+05	-4.267e+04
						150.1	-726.11	1361.74	-6633.49	-1.699e+06	-3.423e+05	-1.822e+05
81	45	1.826e+05	4.733e+05	-0.09	-0.44	0.0	277.38	-2513.29	-738.75	-3.083e+05	4.733e+05	1.826e+05
		-1.655e+05	2.827e+05	3.43e-03		75.1	277.38	-916.54	-738.75	-3.088e+05	3.780e+05	-5.362e+04
						150.1	277.38	671.35	-738.75	-3.097e+05	2.827e+05	-1.655e+05
81	48	-2.598e+05	-2.935e+05	0.08	-0.29	0.0	-7336.25	-4088.38	675.01	2.708e+05	-4.746e+05	-2.598e+05
		-4.233e+05	-4.746e+05	-2.00e-03		75.1	-7336.25	-2453.44	675.01	2.728e+05	-3.840e+05	-3.969e+05
						150.1	-7336.25	-924.29	675.01	2.751e+05	-2.935e+05	-4.204e+05
81	49	1.923e+05	4.909e+05	-0.09	-0.45	0.0	258.97	-2395.58	-820.95	-3.258e+05	4.909e+05	1.923e+05
		-1.642e+05	2.806e+05	4.10e-03		75.1	258.97	-844.26	-820.95	-3.265e+05	3.857e+05	-5.119e+04
						150.1	258.97	703.84	-820.95	-3.276e+05	2.806e+05	-1.642e+05
81	52	-2.694e+05	-2.914e+05	0.08	-0.29	0.0	-7317.85	-4206.08	757.21	2.884e+05	-4.921e+05	-2.694e+05
		-4.238e+05	-4.921e+05	-2.66e-03		75.1	-7317.85	-2525.71	757.21	2.905e+05	-3.917e+05	-3.993e+05
						150.1	-7317.85	-956.78	757.21	2.930e+05	-2.914e+05	-4.218e+05
81	65	1.981e+05	4.332e+05	-0.06	-0.52	0.0	-1953.19	-1049.58	-3506.83	-8.961e+05	4.332e+05	1.981e+05
		-2.320e+05	-1.777e+05	5.57e-03		75.1	-1953.19	-216.35	-3506.83	-8.998e+05	1.278e+05	-1.233e+05
						150.1	-1953.19	681.57	-3506.83	-9.049e+05	-1.777e+05	-2.312e+05
81	69	-3.852e+04	-3399.73	-0.01	-0.34	0.0	-3376.38	-3149.03	-27.16	-2.211e+04	-3399.73	-3.852e+04
		-2.799e+05	-7477.09	6.22e-04		75.1	-3376.38	-1598.68	-27.16	-2.142e+04	-5438.41	-2.163e+05
						150.1	-3376.38	-102.58	-27.16	-2.076e+04	-7477.09	-2.799e+05
81	70	-3.873e+04	5884.62	-0.01	-0.37	0.0	-3886.57	-3655.04	-42.87	-1.079e+04	5884.62	-3.873e+04
		-3.236e+05	-551.54	9.42e-04		75.1	-3886.57	-1886.37	-42.87	-1.000e+04	2666.54	-2.462e+05
						150.1	-3886.57	-182.20	-42.87	-9229.29	-551.54	-3.236e+05
81	71	-3.852e+04	-3399.73	-0.01	-0.34	0.0	-3376.38	-3149.03	-27.16	-2.211e+04	-3399.73	-3.852e+04
		-2.799e+05	-7477.09	6.22e-04		75.1	-3376.38	-1598.68	-27.16	-2.142e+04	-5438.41	-2.163e+05
						150.1	-3376.38	-102.58	-27.16	-2.076e+04	-7477.09	-2.799e+05
81	72	-3.862e+04	1242.45	-0.01	-0.36	0.0	-3631.48	-3402.03	-35.01	-1.645e+04	1242.45	-3.862e+04
		-3.017e+05	-4014.32	7.82e-04		75.1	-3631.48	-1742.52	-35.01	-1.571e+04	-1385.94	-2.312e+05
						150.1	-3631.48	-142.39	-35.01	-1.500e+04	-4014.32	-3.017e+05
81	73	-3.852e+04	-3399.73	-0.01	-0.34	0.0	-3376.38	-3149.03	-27.16	-2.211e+04	-3399.73	-3.852e+04
		-2.799e+05	-7477.09	6.22e-04		75.1	-3376.38	-1598.68	-27.16	-2.142e+04	-5438.41	-2.163e+05
						150.1	-3376.38	-102.58	-27.16	-2.076e+04	-7477.09	-2.799e+05
81	74	-3.858e+04	-614.42	-0.01	-0.35	0.0	-3529.44	-3300.83	-31.87	-1.872e+04	-614.42	-3.858e+04
		-2.930e+05	-5399.43	7.18e-04		75.1	-3529.44	-1684.99	-31.87	-1.800e+04	-3006.92	-2.253e+05
						150.1	-3529.44	-126.47	-31.87	-1.730e+04	-5399.43	-2.930e+05
82	2	2.516e+06	2.034e+04	0.29	-0.90	0.0	2561.82	-8459.52	-109.20	-2.613e+05	2.034e+04	-1.824e+05
		-1.212e+06	-5.043e+04	2.09e-03		324.0	2561.82	2974.56	-109.20	-2.658e+05	-1.505e+04	-1.097e+06
						648.1	2561.82	2.111e+04	-109.20	-2.774e+05	-5.043e+04	2.516e+06
82	3	1.703e+06	1.426e+04	0.20	-0.62	0.0	1724.76	-5636.34	-76.48	-1.780e+05	1.426e+04	-1.301e+05
		-8.152e+05	-3.530e+04	1.50e-03		324.0	1724.76	2015.10	-76.48	-1.808e+05	-1.052e+04	-7.366e+05
						648.1	1724.76	1.425e+04	-76.48	-1.886e+05	-3.530e+04	1.703e+06
82	13	2.954e+06	8.889e+05	-0.35	-0.78	0.0	9407.19	-3819.73	-2105.15	-7.933e+05	8.889e+05	1.024e+06
		-5.298e+05	-5.062e+05	0.03		324.0	9407.19	5559.50	-2105.15	-8.092e+05	1.913e+05	-5.289e+05
						648.1	9407.19	2.022e+04	-2105.15	-8.472e+05	-5.062e+05	2.954e+06
82	14	2.796e+06	7.739e+05	-0.25	-0.59	0.0	9935.32	-4009.59	-1511.00	1.561e+05	7.739e+05	7.905e+05
		-7.325e+05	-2.017e+05	0.03		324.0	9935.32	5269.68	-1511.00	1.598e+05	2.861e+05	7.325e+05
						648.1	9935.32	1.776e+04	-1511.00	1.678e+05	-2.017e+05	2.796e+06
82	15	7.296e+05	1.293e+05	0.32	-0.73	0.0	-6357.95	-7716.01	1354.14	-5.240e+05	-7.446e+05	-1.056e+06
		-1.303e+06	-7.446e+05	-0.03		324.0	-6357.95	-1097.51	1354.14	-5.337e+05	-3.077e+05	-7.966e+05
						648.1	-6357.95	1.177e+04	1354.14	-5.579e+05	1.293e+05	7.296e+05
82	17	2.946e+06	9.238e+05	-0.36	-0.79	0.0	9456.91	-3864.47	-2130.81	-8.345e+05	9.238e+05	1.024e+06
		-5.195e+05	-4.990e+05	0.03		324.0	9456.91	5511.29	-2130.81	-8.516e+05	2.124e+05	-5.189e+05
						648.1	9456.91	2.032e+04	-2130.81	-8.919e+05	-4.990e+05	2.946e+06
82	20	5.799e+05	4.266e+05	0.22	-0.60	0.0	-5879.55	-7861.12	1973.94	4.666e+05	-8.946e+05	-1.289e+06
		-1.528e+06	-8.946e+05	-0.03		324.0	-5879.55	-1339.12	1973.94	4.777e+05	-2.340e+05	-1.010e+06
						648.1	-5879.55	9216.58	1973.94	5.018e+05	4.266e+05	5.799e+05
82	45	2.447e+06	5.173e+05	-0.29	-0.72	0.0	6186.29	-4686.80	-1232.59	-5.105e+05	5.173e+05	5.286e+05
		-6.335e+05	-2.999e+05	0.02		324.0	6186.29	4085.67	-1232.59	-5.204e+05	1.087e+05	-6.335e+05
						648.1	6186.29	1.785e+04	-1232.59	-5.445e+05	-2.999e+05	2.447e+06
82	46	2.362e+06	4.538e+05	-0.23	-0.59	0.0	6481.83	-4792.34	-918.99	-9820.28	4.538e+05	4.052e+05
		-7.410e+05	-1.390e+05	0.02		324.0	6481.83	3925.27	-918.99	-9396.39	1.574e+05	-7.410e+05
						648.1	6481.83	1.656e+04	-918.99	-9236.37	-1.390e+05	2.362e+06

82	47	1.164e+06	6.663e+04	0.27	-0.69	0.0	-2904.46	-6933.25	762.13	-3.581e+05	-4.245e+05	-6.708e+05
		-1.072e+06	-4.245e+05	-0.02		324.0	-2904.46	246.90	762.13	-3.645e+05	-1.789e+05	-7.881e+05
						648.1	-2904.46	1.298e+04	762.13	-3.809e+05	6.663e+04	1.164e+06
82	49	2.442e+06	5.376e+05	-0.29	-0.72	0.0	6213.79	-4712.25	-1248.29	-5.321e+05	5.376e+05	5.285e+05
		-6.284e+05	-2.959e+05	0.02		324.0	6213.79	4057.93	-1248.29	-5.427e+05	1.208e+05	-6.284e+05
						648.1	6213.79	1.790e+04	-1248.29	-5.680e+05	-2.959e+05	2.442e+06
82	52	1.084e+06	2.235e+05	0.22	-0.60	0.0	-2636.42	-7013.34	1091.43	1.642e+05	-5.084e+05	-7.941e+05
		-1.190e+06	-5.084e+05	-0.02		324.0	-2636.42	114.25	1091.43	1.687e+05	-1.424e+05	-9.008e+05
						648.1	-2636.42	1.163e+04	1091.43	1.779e+05	2.235e+05	1.084e+06
82	69	1.703e+06	1.426e+04	0.20	-0.62	0.0	1724.76	-5636.34	-76.48	-1.780e+05	1.426e+04	-1.301e+05
		-8.152e+05	-3.530e+04	1.50e-03		324.0	1724.76	2015.10	-76.48	-1.808e+05	-1.052e+04	-7.366e+05
						648.1	1724.76	1.425e+04	-76.48	-1.886e+05	-3.530e+04	1.703e+06
82	70	1.904e+06	1.546e+04	0.22	-0.68	0.0	1937.85	-6391.19	-83.00	-1.980e+05	1.546e+04	-1.390e+05
		-9.169e+05	-3.833e+04	1.60e-03		324.0	1937.85	2251.72	-83.00	-2.013e+05	-1.143e+04	-8.298e+05
						648.1	1937.85	1.597e+04	-83.00	-2.101e+05	-3.833e+04	1.904e+06
82	71	1.703e+06	1.426e+04	0.20	-0.62	0.0	1724.76	-5636.34	-76.48	-1.780e+05	1.426e+04	-1.301e+05
		-8.152e+05	-3.530e+04	1.50e-03		324.0	1724.76	2015.10	-76.48	-1.808e+05	-1.052e+04	-7.366e+05
						648.1	1724.76	1.425e+04	-76.48	-1.886e+05	-3.530e+04	1.703e+06
82	72	1.803e+06	1.486e+04	0.21	-0.65	0.0	1831.30	-6013.77	-79.74	-1.880e+05	1.486e+04	-1.346e+05
		-8.660e+05	-3.681e+04	1.55e-03		324.0	1831.30	2133.41	-79.74	-1.911e+05	-1.098e+04	-7.832e+05
						648.1	1831.30	1.511e+04	-79.74	-1.994e+05	-3.681e+04	1.803e+06
82	73	1.703e+06	1.426e+04	0.20	-0.62	0.0	1724.76	-5636.34	-76.48	-1.780e+05	1.426e+04	-1.301e+05
		-8.152e+05	-3.530e+04	1.50e-03		324.0	1724.76	2015.10	-76.48	-1.808e+05	-1.052e+04	-7.366e+05
						648.1	1724.76	1.425e+04	-76.48	-1.886e+05	-3.530e+04	1.703e+06
82	74	1.763e+06	1.462e+04	0.20	-0.64	0.0	1788.68	-5862.80	-78.43	-1.840e+05	1.462e+04	-1.328e+05
		-8.457e+05	-3.621e+04	1.53e-03		324.0	1788.68	2086.09	-78.43	-1.870e+05	-1.079e+04	-7.646e+05
						648.1	1788.68	1.477e+04	-78.43	-1.951e+05	-3.621e+04	1.763e+06
83	2	2.291e+06	4.988e+04	0.04	-0.91	0.0	2298.82	-2.094e+04	180.25	6.041e+05	-5.330e+04	2.291e+06
		-8.304e+05	-5.330e+04	-4.25e-03		286.2	2298.82	-1167.19	180.25	5.934e+05	-1708.36	-8.304e+05
						572.4	2298.82	1.859e+04	180.25	5.954e+05	4.988e+04	1.613e+06
83	3	1.550e+06	3.464e+04	0.03	-0.63	0.0	1557.82	-1.415e+04	125.88	4.074e+05	-3.742e+04	1.550e+06
		-5.602e+05	-3.742e+04	-2.95e-03		286.2	1557.82	-792.12	125.88	4.003e+05	-1387.66	-5.602e+05
						572.4	1557.82	1.256e+04	125.88	4.016e+05	3.464e+04	1.090e+06
83	17	2.775e+06	2.723e+05	-0.15	-0.87	0.0	8195.34	-1.078e+04	1176.04	7.384e+04	-4.268e+05	2.775e+06
		-4.871e+05	-4.268e+05	-0.03		286.2	8195.34	3565.12	1176.04	3.759e+04	-7.727e+04	-4.871e+05
						572.4	8195.34	1.749e+04	1176.04	-802.40	2.723e+05	2.386e+06
83	20	4.358e+05	3.501e+05	0.17	-0.64	0.0	-4970.23	-1.854e+04	-917.63	7.707e+05	3.501e+05	4.358e+05
		-9.179e+05	-2.010e+05	0.02		286.2	-4970.23	-5204.33	-917.63	7.922e+05	7.454e+04	-6.742e+05
						572.4	-4970.23	8532.94	-917.63	8.333e+05	-2.010e+05	-1.281e+05
83	33	2.368e+06	4.075e+05	-0.45	-1.28	0.0	7128.19	-1.299e+04	1112.40	-6.004e+05	-3.030e+05	2.368e+06
		-3.599e+05	-3.030e+05	-0.05		286.2	7128.19	3434.16	1112.40	-7.103e+05	5.226e+04	-3.401e+05
						572.4	7128.19	1.558e+04	1112.40	-8.365e+05	4.075e+05	2.169e+06
83	36	8.429e+05	2.263e+05	0.47	-0.81	0.0	-3903.08	-1.632e+04	-853.99	1.445e+06	2.263e+05	8.429e+05
		-1.058e+06	-3.363e+05	0.04		286.2	-3903.08	-5073.37	-853.99	1.540e+06	-5.500e+04	-8.212e+05
						572.4	-3903.08	1.044e+04	-853.99	1.669e+06	-3.363e+05	8.892e+04
83	49	2.273e+06	1.680e+05	-0.08	-0.77	0.0	5350.62	-1.243e+04	721.79	2.372e+05	-2.610e+05	2.273e+06
		-5.302e+05	-2.610e+05	-0.02		286.2	5350.62	1661.62	721.79	2.148e+05	-4.654e+04	-5.302e+05
						572.4	5350.62	1.558e+04	721.79	1.953e+05	1.680e+05	1.843e+06
83	52	9.374e+05	1.843e+05	0.10	-0.62	0.0	-2125.52	-1.689e+04	-463.38	6.074e+05	1.843e+05	9.374e+05
		-7.221e+05	-9.674e+04	9.44e-03		286.2	-2125.52	-3300.83	-463.38	6.149e+05	4.380e+04	-6.311e+05
						572.4	-2125.52	1.045e+04	-463.38	6.372e+05	-9.674e+04	4.147e+05
83	60	1.195e+06	1.002e+05	0.24	-0.69	0.0	-1351.21	-1.579e+04	-352.62	1.022e+06	1.002e+05	1.195e+06
		-8.000e+05	-1.035e+05	0.03		286.2	-1351.21	-3034.30	-352.62	1.063e+06	-1657.53	-7.154e+05
						572.4	-1351.21	1.160e+04	-352.62	1.128e+06	-1.035e+05	5.772e+05
83	65	2.023e+06	2.373e+05	-0.24	-0.98	0.0	4600.75	-1.371e+04	660.26	-1.190e+05	-1.863e+05	2.023e+06
		-4.534e+05	-1.863e+05	-0.03		286.2	4600.75	1473.86	660.26	-1.802e+05	2.552e+04	-4.534e+05
						572.4	4600.75	1.444e+04	660.26	-2.459e+05	2.373e+05	1.693e+06
83	69	1.550e+06	3.464e+04	0.03	-0.63	0.0	1557.82	-1.415e+04	125.88	4.074e+05	-3.742e+04	1.550e+06
		-5.602e+05	-3.742e+04	-2.95e-03		286.2	1557.82	-792.12	125.88	4.003e+05	-1387.66	-5.602e+05
						572.4	1557.82	1.256e+04	125.88	4.016e+05	3.464e+04	1.090e+06
83	70	1.734e+06	3.787e+04	0.03	-0.69	0.0	1740.26	-1.585e+04	136.95	4.570e+05	-4.052e+04	1.734e+06
		-6.283e+05	-4.052e+04	-3.22e-03		286.2	1740.26	-883.74	136.95	4.490e+05	-1323.93	-6.283e+05
						572.4	1740.26	1.407e+04	136.95	4.505e+05	3.787e+04	1.221e+06
83	71	1.550e+06	3.464e+04	0.03	-0.63	0.0	1557.82	-1.415e+04	125.88	4.074e+05	-3.742e+04	1.550e+06
		-5.602e+05	-3.742e+04	-2.95e-03		286.2	1557.82	-792.12	125.88	4.003e+05	-1387.66	-5.602e+05
						572.4	1557.82	1.256e+04	125.88	4.016e+05	3.464e+04	1.090e+06
83	72	1.642e+06	3.626e+04	0.03	-0.66	0.0	1649.04	-1.500e+04	131.42	4.322e+05	-3.897e+04	1.642e+06
		-5.943e+05	-3.897e+04	-3.09e-03		286.2	1649.04	-837.93	131.42	4.246e+05	-1355.80	-5.943e+05
						572.4	1649.04	1.331e+04	131.42	4.260e+05	3.626e+04	1.155e+06
83	73	1.550e+06	3.464e+04	0.03	-0.63	0.0	1557.82	-1.415e+04	125.88	4.074e+05	-3.742e+04	1.550e+06
		-5.602e+05	-3.742e+04	-2.95e-03		286.2	1557.82	-792.12	125.88	4.003e+05	-1387.66	-5.602e+05
						572.4	1557.82	1.256e+04	125.88	4.016e+05	3.464e+04	1.090e+06
83	74	1.605e+06	3.561e+04	0.03	-0.65	0.0	1612.55	-1.466e+04	129.20	4.223e+05	-3.835e+04	1.605e+06
		-5.806e+05	-3.835e+04	-3.03e-03		286.2	1612.55	-819.60	129.20	4.149e+05	-1368.54	-5.806e+05
						572.4	1612.55	1.301e+04	129.20	4.162e+05	3.561e+04	1.129e+06
84	2	1.871e+06	4.696e+04	0.06	-0.90	0.0	2462.81	-1.942e+04	-104.70	-8.103e+04	4.696e+04	1.716e+06
		-9.850e+05	-1.335e+04	8.89e-04		288.0	2462.81	244.36	-104.70	-7.380e+04	1.680e+04	-9.850e+05

84	3	1.260e+06	3.251e+04	0.04	-0.63	576.0	2462.81	2.004e+04	-104.70	-6.814e+04	-1.335e+04	1.871e+06
		-6.653e+05	-9049.44	6.00e-04		0.0	1660.52	-1.313e+04	-72.14	-5.475e+04	3.251e+04	1.161e+06
						288.0	1660.52	156.77	-72.14	-4.984e+04	1.173e+04	-6.653e+05
84	13	2.470e+06	3.080e+05	-0.10	-0.86	576.0	1660.52	1.352e+04	-72.14	-4.600e+04	-9049.44	1.260e+06
		-5.062e+05	9.779e+04	-9.00e-03		0.0	6026.19	-8459.34	-432.55	-2.263e+05	3.080e+05	2.420e+06
						288.0	6026.19	4350.49	-432.55	-2.312e+05	2.029e+05	-5.062e+05
84	33	1.829e+06	5.545e+05	-0.28	-1.28	576.0	6026.19	1.901e+04	-432.55	-2.611e+05	9.779e+04	2.470e+06
		-2.003e+05	1.872e+05	0.02		0.0	7837.10	-7927.26	-663.86	-3.723e+05	5.545e+05	1.735e+06
						288.0	7837.10	2630.43	-663.86	-2.582e+05	3.709e+05	-1.972e+05
84	36	7.840e+05	-2.060e+05	0.28	-0.92	576.0	7837.10	1.799e+04	-663.86	-2.312e+05	1.872e+05	1.829e+06
		-1.238e+06	-4.877e+05	-0.01		0.0	-4394.41	-1.927e+04	515.20	2.589e+05	-4.877e+05	6.704e+05
						288.0	-4394.41	-2300.67	515.20	1.549e+05	-3.468e+05	-1.181e+06
84	45	1.975e+06	1.856e+05	-0.05	-0.76	576.0	-4394.41	1.003e+04	515.20	1.359e+05	-2.060e+05	7.840e+05
		-5.908e+05	5.122e+04	-5.12e-03		0.0	4130.09	-1.070e+04	-273.73	-1.527e+05	1.856e+05	1.902e+06
						288.0	4130.09	2559.07	-273.73	-1.527e+05	1.856e+05	1.902e+06
84	65	1.602e+06	3.144e+05	-0.15	-0.98	576.0	4130.09	1.685e+04	-273.73	-1.655e+05	5.122e+04	1.975e+06
		-4.293e+05	9.876e+04	8.67e-03		0.0	4988.77	-1.055e+04	-389.91	-2.278e+05	3.144e+05	1.502e+06
						288.0	4988.77	1525.46	-389.91	-1.668e+05	2.066e+05	-4.293e+05
84	68	1.012e+06	-1.175e+05	0.17	-0.78	576.0	4988.77	1.618e+04	-389.91	-1.514e+05	9.876e+04	1.602e+06
		-9.701e+05	-2.475e+05	-7.43e-03		0.0	-1546.08	-1.665e+04	241.25	1.143e+05	-2.475e+05	9.030e+05
						288.0	-1546.08	-1195.70	241.25	6.353e+04	-1.825e+05	-9.494e+05
84	69	1.260e+06	3.251e+04	0.04	-0.63	576.0	-1546.08	1.185e+04	241.25	5.602e+04	-1.175e+05	1.012e+06
		-6.653e+05	-9049.44	6.00e-04		0.0	1660.52	-1.313e+04	-72.14	-5.475e+04	3.251e+04	1.161e+06
						288.0	1660.52	156.77	-72.14	-4.984e+04	1.173e+04	-6.653e+05
84	70	1.415e+06	3.564e+04	0.05	-0.69	576.0	1660.52	1.352e+04	-72.14	-4.600e+04	-9049.44	1.260e+06
		-7.454e+05	-1.011e+04	6.73e-04		0.0	1863.28	-1.470e+04	-79.42	-6.132e+04	3.564e+04	1.299e+06
						288.0	1863.28	183.81	-79.42	-5.584e+04	1.277e+04	-7.454e+05
84	71	1.260e+06	3.251e+04	0.04	-0.63	576.0	1863.28	1.516e+04	-79.42	-5.156e+04	-1.011e+04	1.415e+06
		-6.653e+05	-9049.44	6.00e-04		0.0	1660.52	-1.313e+04	-72.14	-5.475e+04	3.251e+04	1.161e+06
						288.0	1660.52	156.77	-72.14	-4.984e+04	1.173e+04	-6.653e+05
84	72	1.338e+06	3.407e+04	0.05	-0.66	576.0	1660.52	1.352e+04	-72.14	-4.600e+04	-9049.44	1.260e+06
		-7.053e+05	-9578.15	6.37e-04		0.0	1761.90	-1.391e+04	-75.78	-5.804e+04	3.407e+04	1.230e+06
						288.0	1761.90	170.29	-75.78	-5.284e+04	1.225e+04	-7.053e+05
84	73	1.260e+06	3.251e+04	0.04	-0.63	576.0	1761.90	1.434e+04	-75.78	-4.878e+04	-9578.15	1.338e+06
		-6.653e+05	-9049.44	6.00e-04		0.0	1660.52	-1.313e+04	-72.14	-5.475e+04	3.251e+04	1.161e+06
						288.0	1660.52	156.77	-72.14	-4.984e+04	1.173e+04	-6.653e+05
84	74	1.307e+06	3.345e+04	0.05	-0.64	576.0	1660.52	1.352e+04	-72.14	-4.600e+04	-9049.44	1.260e+06
		-6.893e+05	-9366.67	6.22e-04		0.0	1721.34	-1.360e+04	-74.33	-5.672e+04	3.345e+04	1.203e+06
						288.0	1721.34	164.88	-74.33	-5.164e+04	1.204e+04	-6.893e+05
85	2	2.365e+06	-2957.01	0.03	-0.90	576.0	1721.34	1.401e+04	-74.33	-4.767e+04	-9366.67	1.307e+06
		-7.454e+05	-1.095e+04	7.02e-04		0.0	2511.63	-1.926e+04	13.87	-3.956e+04	-1.095e+04	1.844e+06
						288.0	2511.63	940.96	13.87	-3.506e+04	-6952.39	-7.454e+05
85	3	1.600e+06	-1984.34	0.02	-0.62	576.0	2511.63	2.085e+04	13.87	-3.131e+04	-2957.01	2.365e+06
		-5.027e+05	-7372.09	5.06e-04		0.0	1693.36	-1.299e+04	9.35	-2.677e+04	-7372.09	1.243e+06
						288.0	1693.36	643.25	9.35	-2.370e+04	-4678.21	-5.027e+05
85	10	2.124e+06	7.753e+04	0.03	-0.71	576.0	1693.36	1.408e+04	9.35	-2.115e+04	-1984.34	1.600e+06
		-5.253e+05	-4.463e+04	1.08e-03		0.0	-1987.09	-1.204e+04	-171.67	3.066e+05	7.753e+04	1.667e+06
						288.0	-1987.09	2052.82	-171.67	2.707e+05	1.645e+04	-5.253e+05
85	11	1.190e+06	4.051e+04	0.03	-0.73	576.0	-1987.09	1.631e+04	-171.67	2.405e+05	-4.463e+04	2.124e+06
		-5.434e+05	-9.282e+04	8.88e-04		0.0	5497.91	-1.489e+04	191.06	-3.620e+05	-9.282e+04	9.095e+05
						288.0	5497.91	-724.42	191.06	-3.198e+05	-2.615e+04	-5.168e+05
85	13	2.984e+06	4496.37	0.02	-0.75	576.0	5497.91	1.287e+04	191.06	-2.843e+05	4.051e+04	1.190e+06
		-4.906e+05	-1.354e+04	0.02		0.0	-106.94	-8537.42	150.84	-4.858e+05	-1.354e+04	2.629e+06
						288.0	-106.94	5105.00	150.84	-4.409e+05	-4522.86	-4.906e+05
85	16	3.290e+05	-1747.70	0.03	-0.72	576.0	-106.94	1.933e+04	150.84	-4.056e+05	4496.37	2.984e+06
		-7.956e+05	-8615.99	-0.02		0.0	3617.76	-1.839e+04	-131.45	4.304e+05	-1747.70	-5.202e+04
						288.0	3617.76	-3776.60	-131.45	3.918e+05	-5181.84	-5.515e+05
85	22	1.275e+06	1.766e+05	0.03	-0.92	576.0	3617.76	9851.89	-131.45	3.617e+05	-8615.99	3.290e+05
		-6.151e+05	7.518e+04	-0.03		0.0	-1245.98	-1.544e+04	-164.56	1.248e+06	1.766e+05	7.192e+05
						288.0	-1245.98	-954.56	-164.56	1.121e+06	1.259e+05	-5.580e+05
85	23	2.039e+06	-7.930e+04	0.02	-0.94	576.0	-1245.98	1.327e+04	-164.56	1.018e+06	7.518e+04	1.275e+06
		-4.841e+05	-1.919e+05	0.03		0.0	4756.80	-1.148e+04	183.96	-1.304e+06	-1.919e+05	1.857e+06
						288.0	4756.80	2282.96	183.96	-1.170e+06	-1.356e+05	-4.841e+05
85	42	1.934e+06	4.044e+04	0.03	-0.67	576.0	4756.80	1.591e+04	183.96	-1.062e+06	-7.930e+04	2.039e+06
		-5.228e+05	-2.567e+04	1.20e-03		0.0	-364.08	-1.260e+04	-94.99	1.478e+05	4.044e+04	1.517e+06
						288.0	-364.08	1496.32	-94.99	1.304e+05	7389.28	-5.228e+05
85	43	1.379e+06	2.155e+04	0.02	-0.68	576.0	-364.08	1.561e+04	-94.99	1.157e+05	-2.567e+04	1.934e+06
		-5.328e+05	-5.573e+04	5.21e-04		0.0	3874.90	-1.432e+04	114.38	-2.032e+05	-5.573e+04	1.059e+06
						288.0	3874.90	-167.92	114.38	-1.795e+05	-1.709e+04	-5.192e+05
85	45	2.414e+06	1773.21	0.02	-0.70	576.0	3874.90	1.357e+04	114.38	-1.595e+05	2.155e+04	1.379e+06
		-5.040e+05	-1.099e+04	9.82e-03		0.0	654.60	-1.066e+04	91.16	-2.716e+05	-1.099e+04	2.050e+06
						288.0	654.60	3193.15	91.16	-2.464e+05	-4607.36	-5.040e+05
85	52	9.025e+05	-1.650e+04	0.03	-0.68	576.0	654.60	1.729e+04	91.16	-2.266e+05	1773.21	2.414e+06
		-6.255e+05	-2.255e+04	-9.83e-03		0.0	2785.31	-1.626e+04	-69.05	2.289e+05	-2.255e+04	5.270e+05
						288.0	2785.31	-1857.77	-69.05	2.110e+05	-1.953e+04	-5.387e+05
85	54	1.464e+06	9.840e+04	0.03	-0.78	576.0	2785.31	1.190e+04	-69.05	1.978e+05	-1.650e+04	9.025e+05
						0.0	114.53	-1.448e+04	-91.03	6.458e+05	9.840e+04	9.963e+05

		-5.666e+05	4.241e+04	-0.01		288.0	114.53	-161.83	-91.03	5.802e+05	7.041e+04	-5.404e+05
						576.0	114.53	1.392e+04	-91.03	5.272e+05	4.241e+04	1.464e+06
85	55	1.850e+06	-4.653e+04	0.02	-0.80	0.0	3396.29	-1.245e+04	110.42	-7.012e+05	-1.137e+05	1.580e+06
		-5.017e+05	-1.137e+05	0.01		288.0	3396.29	1490.23	110.42	-6.293e+05	-8.011e+04	-5.017e+05
						576.0	3396.29	1.526e+04	110.42	-5.710e+05	-4.653e+04	1.850e+06
85	69	1.600e+06	-1984.34	0.02	-0.62	0.0	1693.36	-1.299e+04	9.35	-2.677e+04	-7372.09	1.243e+06
		-5.027e+05	-7372.09	5.06e-04		288.0	1693.36	643.25	9.35	-2.370e+04	-4678.21	-5.027e+05
						576.0	1693.36	1.408e+04	9.35	-2.115e+04	-1984.34	1.600e+06
85	70	1.790e+06	-2235.92	0.03	-0.69	0.0	1900.20	-1.457e+04	10.50	-2.994e+04	-8281.45	1.395e+06
		-5.639e+05	-8281.45	5.35e-04		288.0	1900.20	713.07	10.50	-2.653e+04	-5258.69	-5.639e+05
						576.0	1900.20	1.578e+04	10.50	-2.369e+04	-2235.92	1.790e+06
85	71	1.600e+06	-1984.34	0.02	-0.62	0.0	1693.36	-1.299e+04	9.35	-2.677e+04	-7372.09	1.243e+06
		-5.027e+05	-7372.09	5.06e-04		288.0	1693.36	643.25	9.35	-2.370e+04	-4678.21	-5.027e+05
						576.0	1693.36	1.408e+04	9.35	-2.115e+04	-1984.34	1.600e+06
85	72	1.695e+06	-2110.13	0.02	-0.66	0.0	1796.78	-1.378e+04	9.92	-2.835e+04	-7826.77	1.319e+06
		-5.333e+05	-7826.77	5.21e-04		288.0	1796.78	678.16	9.92	-2.512e+04	-4968.45	-5.333e+05
						576.0	1796.78	1.493e+04	9.92	-2.242e+04	-2110.13	1.695e+06
85	73	1.600e+06	-1984.34	0.02	-0.62	0.0	1693.36	-1.299e+04	9.35	-2.677e+04	-7372.09	1.243e+06
		-5.027e+05	-7372.09	5.06e-04		288.0	1693.36	643.25	9.35	-2.370e+04	-4678.21	-5.027e+05
						576.0	1693.36	1.408e+04	9.35	-2.115e+04	-1984.34	1.600e+06
85	74	1.657e+06	-2059.81	0.02	-0.64	0.0	1755.41	-1.346e+04	9.70	-2.772e+04	-7644.90	1.288e+06
		-5.210e+05	-7644.90	5.15e-04		288.0	1755.41	664.20	9.70	-2.455e+04	-4852.35	-5.210e+05
						576.0	1755.41	1.459e+04	9.70	-2.191e+04	-2059.81	1.657e+06
86	2	2.565e+06	609.91	-0.26	-0.87	0.0	2257.70	-2.108e+04	3.57	2372.70	-1534.28	2.565e+06
		-1.123e+06	-1534.28	-9.28e-05		300.2	2257.70	-3768.50	3.57	5959.28	-462.18	-9.599e+05
						600.5	2257.70	7824.38	3.57	9684.75	609.91	-3.100e+05
86	3	1.734e+06	-923.51	-0.18	-0.60	0.0	1525.75	-1.423e+04	-0.15	2040.05	-923.51	1.734e+06
		-7.564e+05	-1014.71	-8.07e-05		300.2	1525.75	-2552.13	-0.15	4491.73	-969.11	-6.452e+05
						600.5	1525.75	5226.99	-0.15	7048.11	-1014.71	-2.148e+05
86	4	2.045e+06	914.33	-0.21	-0.69	0.0	1799.98	-1.682e+04	3.62	1760.69	-1257.22	2.045e+06
		-8.963e+05	-1257.22	-6.85e-05		300.2	1799.98	-3002.86	3.62	4611.76	-171.45	-7.663e+05
						600.5	1799.98	6256.28	3.62	7570.31	914.33	-2.455e+05
86	6	2.182e+06	4.159e+04	0.14	-0.65	0.0	-2400.07	-1.294e+04	-1127.39	4.626e+05	4.159e+04	2.182e+06
		-5.367e+05	-6.634e+05	-0.03		300.2	-2400.07	-988.87	-1127.39	4.473e+05	-3.109e+05	-5.194e+05
						600.5	-2400.07	6147.81	-1127.39	4.423e+05	-6.634e+05	3.346e+05
86	7	1.411e+06	6.621e+05	-0.25	-0.68	0.0	5561.26	-1.655e+04	1128.60	-4.586e+05	-4.357e+04	1.411e+06
		-1.126e+06	-4.357e+04	0.03		300.2	5561.26	-4295.68	1128.60	-4.383e+05	3.093e+05	-8.196e+05
						600.5	5561.26	4717.89	1128.60	-4.280e+05	6.621e+05	-7.766e+05
86	13	2.960e+06	-5.736e+04	0.13	-0.69	0.0	-3947.14	-9582.47	-533.72	-6.903e+05	-5.736e+04	2.960e+06
		-4.428e+05	-4.349e+05	-6.99e-03		300.2	-3947.14	1424.51	-533.72	-6.635e+05	-2.461e+05	-4.193e+05
						600.5	-3947.14	7456.08	-533.72	-6.523e+05	-4.349e+05	9.935e+05
86	16	6.329e+05	4.336e+05	-0.30	-0.66	0.0	7108.33	-1.991e+04	534.92	6.943e+05	5.538e+04	6.329e+05
		-1.592e+06	5.538e+04	6.83e-03		300.2	7108.33	-6709.06	534.92	6.726e+05	2.445e+05	-9.196e+05
						600.5	7108.33	3409.61	534.92	6.666e+05	4.336e+05	-1.435e+06
86	38	2.026e+06	1.880e+04	0.15	-0.63	0.0	-727.10	-1.367e+04	-638.25	2.398e+05	1.880e+04	2.026e+06
		-6.257e+05	-3.807e+05	-0.02		300.2	-727.10	-1667.53	-638.25	2.329e+05	-1.810e+05	-5.815e+05
						600.5	-727.10	5842.99	-638.25	2.315e+05	-3.807e+05	1.043e+05
86	39	1.567e+06	3.795e+05	-0.22	-0.65	0.0	3888.29	-1.582e+04	639.46	-2.358e+05	-2.078e+04	1.567e+06
		-9.749e+05	-2.078e+04	0.02		300.2	3888.29	-3617.02	639.46	-2.239e+05	1.793e+05	-5.774e+05
						600.5	3888.29	5022.70	639.46	-2.172e+05	3.795e+05	-5.463e+05
86	45	2.461e+06	-2.838e+04	0.14	-0.66	0.0	-1594.23	-1.180e+04	-317.44	-3.659e+05	-2.838e+04	2.461e+06
		-5.264e+05	-2.517e+05	-4.38e-03		300.2	-1594.23	-318.07	-317.44	-3.506e+05	-1.400e+05	-5.264e+05
						600.5	-1594.23	6597.70	-317.44	-3.435e+05	-2.517e+05	4.742e+05
86	48	1.132e+06	2.505e+05	-0.25	-0.64	0.0	4755.42	-1.769e+04	318.64	3.699e+05	2.640e+04	1.132e+06
		-1.203e+06	2.640e+04	4.22e-03		300.2	4755.42	-4966.48	318.64	3.596e+05	1.384e+05	-8.126e+05
						600.5	4755.42	4267.99	318.64	3.578e+05	2.505e+05	-9.162e+05
86	69	1.734e+06	-923.51	-0.18	-0.60	0.0	1525.75	-1.423e+04	-0.15	2040.05	-923.51	1.734e+06
		-7.564e+05	-1014.71	-8.07e-05		300.2	1525.75	-2552.13	-0.15	4491.73	-969.11	-6.452e+05
						600.5	1525.75	5226.99	-0.15	7048.11	-1014.71	-2.148e+05
86	70	1.941e+06	271.32	-0.20	-0.66	0.0	1708.57	-1.595e+04	2.36	1853.81	-1145.99	1.941e+06
		-8.497e+05	-1145.99	-7.26e-05		300.2	1708.57	-2852.61	2.36	4571.75	-437.34	-7.260e+05
						600.5	1708.57	5913.19	2.36	7396.24	271.32	-2.353e+05
86	71	1.734e+06	-923.51	-0.18	-0.60	0.0	1525.75	-1.423e+04	-0.15	2040.05	-923.51	1.734e+06
		-7.564e+05	-1014.71	-8.07e-05		300.2	1525.75	-2552.13	-0.15	4491.73	-969.11	-6.452e+05
						600.5	1525.75	5226.99	-0.15	7048.11	-1014.71	-2.148e+05
86	72	1.838e+06	-371.70	-0.19	-0.63	0.0	1617.16	-1.509e+04	1.10	1946.93	-1034.75	1.838e+06
		-8.030e+05	-1034.75	-7.67e-05		300.2	1617.16	-2702.37	1.10	4531.74	-703.22	-6.856e+05
						600.5	1617.16	5570.09	1.10	7222.17	-371.70	-2.251e+05
86	73	1.734e+06	-923.51	-0.18	-0.60	0.0	1525.75	-1.423e+04	-0.15	2040.05	-923.51	1.734e+06
		-7.564e+05	-1014.71	-8.07e-05		300.2	1525.75	-2552.13	-0.15	4491.73	-969.11	-6.452e+05
						600.5	1525.75	5226.99	-0.15	7048.11	-1014.71	-2.148e+05
86	74	1.796e+06	-628.90	-0.18	-0.62	0.0	1580.60	-1.475e+04	0.60	1984.18	-990.26	1.796e+06
		-7.844e+05	-990.26	-7.83e-05		300.2	1580.60	-2642.28	0.60	4515.74	-809.58	-6.695e+05
						600.5	1580.60	5432.85	0.60	7152.55	-628.90	-2.210e+05
87	2	2.293e+06	2826.69	0.21	-0.81	0.0	2444.93	-1.947e+04	-0.49	-1.884e+04	2826.69	2.293e+06
		-1.078e+06	2531.60	1.47e-04		300.2	2444.93	-3302.27	-0.49	-1.922e+04	2679.15	-9.450e+05
						600.5	2444.93	8263.74	-0.49	-2.005e+04	2531.60	-1.843e+05

87	3	1.553e+06	2043.20	0.14	-0.56	0.0	1699.90	-1.316e+04	0.19	-1.276e+04	1927.80	1.553e+06
		-7.270e+05	1927.80	9.22e-05		300.2	1699.90	-2240.20	0.19	-1.301e+04	1985.50	-6.364e+05
						600.5	1699.90	5534.42	0.19	-1.355e+04	2043.20	-1.301e+05
87	4	1.827e+06	2248.35	0.16	-0.64	0.0	1934.97	-1.552e+04	-0.55	-1.501e+04	2248.35	1.827e+06
		-8.597e+05	1918.64	1.20e-04		300.2	1934.97	-2630.21	-0.55	-1.532e+04	2083.50	-7.540e+05
						600.5	1934.97	6603.42	-0.55	-1.598e+04	1918.64	-1.452e+05
87	6	2.409e+06	2.976e+04	0.12	-0.64	0.0	-3186.30	-1.006e+04	-1207.08	4.539e+05	2.976e+04	2.409e+06
		-3.894e+05	-7.071e+05	-0.03		300.2	-3186.30	1331.94	-1207.08	4.361e+05	-3.387e+05	-3.611e+05
						600.5	-3186.30	8082.72	-1207.08	4.284e+05	-7.071e+05	1.151e+06
87	7	8.063e+05	7.111e+05	0.27	-0.63	0.0	6680.12	-1.721e+04	1207.16	-4.803e+05	-2.577e+04	8.063e+05
		-1.570e+06	-2.577e+04	0.03		300.2	6680.12	-5968.34	1207.16	-4.631e+05	3.427e+05	-9.587e+05
						600.5	6680.12	3413.72	1207.16	-4.565e+05	7.111e+05	-1.417e+06
87	14	2.594e+06	9.212e+04	0.12	-0.66	0.0	-3871.02	-9278.69	-4.68	5.230e+05	5.508e+04	2.594e+06
		-3.687e+05	5.508e+04	0.02		300.2	-3871.02	2054.50	-4.68	5.024e+05	7.360e+04	-3.146e+05
						600.5	-3871.02	8532.54	-4.68	4.936e+05	9.212e+04	1.385e+06
87	15	6.213e+05	-5.109e+04	0.29	-0.62	0.0	7364.84	-1.798e+04	4.77	-5.494e+05	-5.109e+04	6.213e+05
		-1.763e+06	-8.808e+04	-0.02		300.2	7364.84	-6690.90	4.77	-5.294e+05	-6.959e+04	-1.005e+06
						600.5	7364.84	2963.91	4.77	-5.217e+05	-8.808e+04	-1.651e+06
87	17	2.615e+06	2.516e+05	0.12	-0.67	0.0	-2785.66	-9192.35	523.08	-6.416e+05	-1.228e+05	2.615e+06
		-3.550e+05	-1.228e+05	0.01		300.2	-2785.66	2170.49	523.08	-6.184e+05	6.438e+04	-2.976e+05
						600.5	-2785.66	8661.90	523.08	-6.097e+05	2.516e+05	1.439e+06
87	20	6.009e+05	1.268e+05	0.30	-0.60	0.0	6279.48	-1.807e+04	-522.99	6.152e+05	1.268e+05	6.009e+05
		-1.807e+06	-2.476e+05	-0.01		300.2	6279.48	-6806.89	-522.99	5.915e+05	-6.037e+04	-1.022e+06
						600.5	6279.48	2834.54	-522.99	5.816e+05	-2.476e+05	-1.705e+06
87	38	2.069e+06	1.423e+04	0.12	-0.61	0.0	-1068.30	-1.157e+04	-683.09	2.290e+05	1.423e+04	2.069e+06
		-4.876e+05	-4.033e+05	-0.02		300.2	-1068.30	-215.13	-683.09	2.196e+05	-1.945e+05	-4.876e+05
						600.5	-1068.30	7095.27	-683.09	2.153e+05	-4.033e+05	6.071e+05
87	39	1.146e+06	4.073e+05	0.22	-0.60	0.0	4562.12	-1.569e+04	683.17	-2.554e+05	-1.024e+04	1.146e+06
		-1.175e+06	-1.024e+04	0.02		300.2	4562.12	-4421.27	683.17	-2.465e+05	1.985e+05	-8.323e+05
						600.5	4562.12	4401.17	683.17	-2.433e+05	4.073e+05	-8.734e+05
87	46	2.177e+06	5.603e+04	0.11	-0.62	0.0	-1469.89	-1.112e+04	8.25	2.686e+05	2.846e+04	2.177e+06
		-4.604e+05	2.846e+04	9.89e-03		300.2	-1469.89	205.01	8.25	2.577e+05	4.224e+04	-4.604e+05
						600.5	-1469.89	7356.15	8.25	2.527e+05	5.603e+04	7.435e+05
87	47	1.039e+06	-2.448e+04	0.23	-0.60	0.0	4963.70	-1.614e+04	-8.16	-2.950e+05	-2.448e+04	1.039e+06
		-1.264e+06	-5.199e+04	-9.70e-03		300.2	4963.70	-4841.41	-8.16	-2.846e+05	-3.823e+04	-8.594e+05
						600.5	4963.70	4140.29	-8.16	-2.808e+05	-5.199e+04	-1.010e+06
87	49	2.188e+06	1.434e+05	0.11	-0.63	0.0	-884.62	-1.107e+04	289.69	-3.455e+05	-6.548e+04	2.188e+06
		-4.513e+05	-6.548e+04	8.09e-03		300.2	-884.62	269.02	289.69	-3.334e+05	3.894e+04	-4.513e+05
						600.5	-884.62	7427.28	289.69	-3.290e+05	1.434e+05	7.726e+05
87	52	1.027e+06	6.946e+04	0.23	-0.59	0.0	4378.44	-1.619e+04	-289.61	3.191e+05	6.946e+04	1.027e+06
		-1.285e+06	-1.393e+05	-7.90e-03		300.2	4378.44	-4905.42	-289.61	3.064e+05	-3.493e+04	-8.685e+05
						600.5	4378.44	4069.16	-289.61	3.009e+05	-1.393e+05	-1.039e+06
87	69	1.553e+06	2043.20	0.14	-0.56	0.0	1699.90	-1.316e+04	0.19	-1.276e+04	1927.80	1.553e+06
		-7.270e+05	1927.80	9.22e-05		300.2	1699.90	-2240.20	0.19	-1.301e+04	1985.50	-6.364e+05
						600.5	1699.90	5534.42	0.19	-1.355e+04	2043.20	-1.301e+05
87	70	1.736e+06	2141.50	0.16	-0.61	0.0	1856.61	-1.473e+04	-0.30	-1.426e+04	2141.50	1.736e+06
		-8.154e+05	1960.16	1.10e-04		300.2	1856.61	-2500.20	-0.30	-1.455e+04	2050.83	-7.148e+05
						600.5	1856.61	6247.09	-0.30	-1.517e+04	1960.16	-1.402e+05
87	71	1.553e+06	2043.20	0.14	-0.56	0.0	1699.90	-1.316e+04	0.19	-1.276e+04	1927.80	1.553e+06
		-7.270e+05	1927.80	9.22e-05		300.2	1699.90	-2240.20	0.19	-1.301e+04	1985.50	-6.364e+05
						600.5	1699.90	5534.42	0.19	-1.355e+04	2043.20	-1.301e+05
87	72	1.644e+06	2034.65	0.15	-0.59	0.0	1778.25	-1.395e+04	-0.05	-1.351e+04	2034.65	1.644e+06
		-7.712e+05	2001.68	1.01e-04		300.2	1778.25	-2370.20	-0.05	-1.378e+04	2018.17	-6.756e+05
						600.5	1778.25	5890.75	-0.05	-1.436e+04	2001.68	-1.352e+05
87	73	1.553e+06	2043.20	0.14	-0.56	0.0	1699.90	-1.316e+04	0.19	-1.276e+04	1927.80	1.553e+06
		-7.270e+05	1927.80	9.22e-05		300.2	1699.90	-2240.20	0.19	-1.301e+04	1985.50	-6.364e+05
						600.5	1699.90	5534.42	0.19	-1.355e+04	2043.20	-1.301e+05
87	74	1.608e+06	2018.29	0.15	-0.58	0.0	1746.91	-1.363e+04	0.04	-1.321e+04	1991.91	1.608e+06
		-7.536e+05	1991.91	9.76e-05		300.2	1746.91	-2318.20	0.04	-1.347e+04	2005.10	-6.599e+05
						600.5	1746.91	5748.22	0.04	-1.404e+04	2018.29	-1.331e+05
88	1	1.941e+06	1129.70	0.03	-0.75	0.0	2239.19	-1.543e+04	2.82	-1.339e+04	-494.71	1.449e+06
		-6.099e+05	-494.71	-2.82e-04		288.0	2239.19	868.48	2.82	-1.309e+04	317.49	-6.099e+05
						576.0	2239.19	1.701e+04	2.82	-1.306e+04	1129.70	1.941e+06
88	2	2.205e+06	1376.28	0.03	-0.84	0.0	2483.93	-1.758e+04	3.12	-1.528e+04	-419.12	1.650e+06
		-6.957e+05	-419.12	-3.01e-04		288.0	2483.93	979.90	3.12	-1.496e+04	478.58	-6.957e+05
						576.0	2483.93	1.935e+04	3.12	-1.495e+04	1376.28	2.205e+06
88	3	1.493e+06	869.00	0.02	-0.58	0.0	1722.45	-1.187e+04	2.17	-1.030e+04	-380.55	1.114e+06
		-4.691e+05	-380.55	-2.17e-04		288.0	1722.45	668.06	2.17	-1.007e+04	244.23	-4.691e+05
						576.0	1722.45	1.309e+04	2.17	-1.005e+04	869.00	1.493e+06
88	13	2.894e+06	-2485.95	-0.04	-0.70	0.0	5185.58	-8008.52	115.97	-4.502e+05	-8.030e+04	2.366e+06
		-4.808e+05	-8.030e+04	2.09e-03		288.0	5185.58	4878.12	115.97	-4.084e+05	-4.139e+04	-4.808e+05
						576.0	5185.58	1.883e+04	115.97	-3.756e+05	-2485.95	2.894e+06
88	16	1.971e+05	7.957e+04	0.06	-0.67	0.0	-1642.77	-1.659e+04	-111.51	4.288e+05	7.957e+04	-5.617e+04
		-7.570e+05	4322.59	-2.38e-03		288.0	-1642.77	-3497.43	-111.51	3.875e+05	4.195e+04	-4.918e+05
						576.0	-1642.77	8275.91	-111.51	3.547e+05	4322.59	1.971e+05
88	17	2.894e+06	1.552e+04	-0.04	-0.70	0.0	5145.45	-8008.46	106.87	-4.736e+05	-3.787e+04	2.366e+06
		-4.810e+05	-3.787e+04	3.81e-03		288.0	5145.45	4878.36	106.87	-4.336e+05	-1.117e+04	-4.810e+05

88	20	1.970e+05	3.714e+04	0.06	-0.67	576.0	5145.45	1.883e+04	106.87	-4.033e+05	1.552e+04	2.894e+06
		-7.573e+05	-1.369e+04	-4.26e-03		0.0	-1602.64	-1.659e+04	-102.41	4.522e+05	3.714e+04	-5.653e+04
						288.0	-1602.64	-3497.67	-102.41	4.127e+05	1.173e+04	-4.916e+05
						576.0	-1602.64	8273.03	-102.41	3.824e+05	-1.369e+04	1.970e+05
88	21	1.917e+06	-1.161e+05	-0.03	-0.90	0.0	2549.59	-1.112e+04	96.95	-1.341e+06	-1.956e+05	1.487e+06
		-4.805e+05	-1.956e+05	0.02		288.0	2549.59	1841.69	96.95	-1.210e+06	-1.558e+05	-4.805e+05
						576.0	2549.59	1.501e+04	96.95	-1.106e+06	-1.161e+05	1.917e+06
88	24	1.175e+06	1.949e+05	0.03	-0.89	0.0	993.21	-1.348e+04	-92.49	1.319e+06	1.949e+05	8.220e+05
		-5.267e+05	1.179e+05	-0.03		288.0	993.21	-460.99	-92.49	1.189e+06	1.564e+05	-4.921e+05
						576.0	993.21	1.209e+04	-92.49	1.085e+06	1.179e+05	1.175e+06
88	45	2.323e+06	-593.77	-0.03	-0.65	0.0	3719.53	-9824.36	67.78	-2.435e+05	-4.595e+04	1.853e+06
		-4.832e+05	-4.595e+04	9.68e-04		288.0	3719.53	3105.32	67.78	-2.214e+05	-2.327e+04	-4.832e+05
						576.0	3719.53	1.660e+04	67.78	-2.042e+05	-593.77	2.323e+06
88	48	7.680e+05	4.522e+04	0.04	-0.64	0.0	-176.73	-1.477e+04	-63.32	2.221e+05	4.522e+04	4.564e+05
		-5.973e+05	2430.41	-1.23e-03		288.0	-176.73	-1724.62	-63.32	2.005e+05	2.383e+04	-4.894e+05
						576.0	-176.73	1.051e+04	-63.32	1.834e+05	2430.41	7.680e+05
88	49	2.323e+06	9573.10	-0.03	-0.65	0.0	3700.30	-9824.20	61.98	-2.558e+05	-2.163e+04	1.853e+06
		-4.833e+05	-2.163e+04	1.62e-03		288.0	3700.30	3105.54	61.98	-2.347e+05	-6027.84	-4.833e+05
						576.0	3700.30	1.660e+04	61.98	-2.188e+05	9573.10	2.323e+06
88	52	7.679e+05	2.090e+04	0.04	-0.63	0.0	-157.50	-1.477e+04	-57.52	2.344e+05	2.090e+04	4.562e+05
		-5.974e+05	-7736.47	-2.07e-03		288.0	-157.50	-1724.85	-57.52	2.138e+05	6580.73	-4.893e+05
						576.0	-157.50	1.051e+04	-57.52	1.980e+05	-7736.47	7.679e+05
88	53	1.759e+06	-6.458e+04	-0.02	-0.76	0.0	2154.36	-1.162e+04	56.59	-7.133e+05	-1.119e+05	1.346e+06
		-4.831e+05	-1.119e+05	0.01		288.0	2154.36	1353.21	56.59	-6.446e+05	-8.823e+04	-4.831e+05
						576.0	2154.36	1.439e+04	56.59	-5.900e+05	-6.458e+04	1.759e+06
88	56	1.332e+06	1.112e+05	0.03	-0.75	0.0	1388.44	-1.298e+04	-52.13	6.920e+05	1.112e+05	9.631e+05
		-5.080e+05	6.641e+04	-0.01		288.0	1388.44	27.48	-52.13	6.237e+05	8.879e+04	-4.895e+05
						576.0	1388.44	1.271e+04	-52.13	5.691e+05	6.641e+04	1.332e+06
88	69	1.493e+06	869.00	0.02	-0.58	0.0	1722.45	-1.187e+04	2.17	-1.030e+04	-380.55	1.114e+06
		-4.691e+05	-380.55	-2.17e-04		288.0	1722.45	668.06	2.17	-1.007e+04	244.23	-4.691e+05
						576.0	1722.45	1.309e+04	2.17	-1.005e+04	869.00	1.493e+06
88	70	1.669e+06	1033.39	0.02	-0.63	0.0	1885.61	-1.330e+04	2.37	-1.156e+04	-330.15	1.249e+06
		-5.263e+05	-330.15	-2.30e-04		288.0	1885.61	742.34	2.37	-1.131e+04	351.62	-5.263e+05
						576.0	1885.61	1.464e+04	2.37	-1.131e+04	1033.39	1.669e+06
88	71	1.493e+06	869.00	0.02	-0.58	0.0	1722.45	-1.187e+04	2.17	-1.030e+04	-380.55	1.114e+06
		-4.691e+05	-380.55	-2.17e-04		288.0	1722.45	668.06	2.17	-1.007e+04	244.23	-4.691e+05
						576.0	1722.45	1.309e+04	2.17	-1.005e+04	869.00	1.493e+06
88	72	1.581e+06	951.20	0.02	-0.61	0.0	1804.03	-1.258e+04	2.27	-1.093e+04	-355.35	1.182e+06
		-4.977e+05	-355.35	-2.24e-04		288.0	1804.03	705.20	2.27	-1.069e+04	297.92	-4.977e+05
						576.0	1804.03	1.386e+04	2.27	-1.068e+04	951.20	1.581e+06
88	73	1.493e+06	869.00	0.02	-0.58	0.0	1722.45	-1.187e+04	2.17	-1.030e+04	-380.55	1.114e+06
		-4.691e+05	-380.55	-2.17e-04		288.0	1722.45	668.06	2.17	-1.007e+04	244.23	-4.691e+05
						576.0	1722.45	1.309e+04	2.17	-1.005e+04	869.00	1.493e+06
88	74	1.546e+06	918.32	0.02	-0.60	0.0	1771.40	-1.230e+04	2.23	-1.068e+04	-365.43	1.155e+06
		-4.863e+05	-365.43	-2.21e-04		288.0	1771.40	690.35	2.23	-1.044e+04	276.44	-4.863e+05
						576.0	1771.40	1.355e+04	2.23	-1.043e+04	918.32	1.546e+06
89	2	1.701e+06	-2010.83	0.06	-0.87	0.0	2548.11	-1.887e+04	3.84	-1.073e+04	-4223.33	1.701e+06
		-9.463e+05	-4223.33	1.01e-04		288.0	2548.11	-20.25	3.84	-9927.63	-3117.08	-9.463e+05
						576.0	2548.11	1.834e+04	3.84	-9337.03	-2010.83	1.642e+06
89	3	1.147e+06	-1497.95	0.04	-0.60	0.0	1764.74	-1.273e+04	2.69	-6900.69	-3048.65	1.147e+06
		-6.386e+05	-3048.65	8.17e-05		288.0	1764.74	-12.79	2.69	-6355.62	-2273.30	-6.386e+05
						576.0	1764.74	1.238e+04	2.69	-5946.82	-1497.95	1.109e+06
89	5	2.131e+06	1.247e+05	0.04	-0.72	0.0	3778.45	-9695.96	-129.18	-2.231e+05	7.017e+04	2.131e+06
		-6.606e+05	7.017e+04	-4.61e-03		288.0	3778.45	3084.54	-129.18	-2.354e+05	9.746e+04	-6.606e+05
						576.0	3778.45	1.631e+04	-129.18	-2.728e+05	1.247e+05	2.091e+06
89	8	2.470e+05	-7.637e+04	0.05	-0.69	0.0	-147.40	-1.668e+04	134.70	2.086e+05	-7.637e+04	2.470e+05
		-7.767e+05	-1.278e+05	4.76e-03		288.0	-147.40	-3111.57	134.70	2.220e+05	-1.021e+05	-6.630e+05
						576.0	-147.40	9352.01	134.70	2.602e+05	-1.278e+05	2.072e+05
89	17	2.341e+06	9.811e+04	0.04	-0.73	0.0	3354.75	-8920.03	2.71	-1.565e+05	9.811e+04	2.341e+06
		-6.607e+05	3.362e+04	2.92e-03		288.0	3354.75	3778.98	2.71	-1.217e+05	6.587e+04	-6.607e+05
						576.0	3354.75	1.709e+04	2.71	-1.129e+05	3.362e+04	2.302e+06
89	20	3.642e+04	-3.664e+04	0.06	-0.69	0.0	276.30	-1.746e+04	2.81	1.420e+05	-1.043e+05	3.642e+04
		-8.277e+05	-1.043e+05	-2.88e-03		288.0	276.30	-3806.02	2.81	1.083e+05	-7.048e+04	-6.629e+05
						576.0	276.30	8574.86	2.81	1.003e+05	-3.664e+04	-3456.61
89	21	1.506e+06	2.764e+05	0.04	-0.92	0.0	3711.03	-1.202e+04	-170.94	-1.882e+05	1.922e+05	1.506e+06
		-6.607e+05	1.922e+05	-0.01		288.0	3711.03	1028.83	-170.94	-2.361e+05	2.343e+05	-6.607e+05
						576.0	3711.03	1.400e+04	-170.94	-3.556e+05	2.764e+05	1.466e+06
89	24	8.721e+05	-1.984e+05	0.05	-0.91	0.0	-79.98	-1.436e+04	176.46	1.737e+05	-1.984e+05	8.721e+05
		-6.725e+05	-2.794e+05	0.01		288.0	-79.98	-1055.87	176.46	2.227e+05	-2.389e+05	-6.629e+05
						576.0	-79.98	1.166e+04	176.46	3.431e+05	-2.794e+05	8.323e+05
89	37	1.731e+06	6.971e+04	0.04	-0.67	0.0	2925.42	-1.118e+04	-73.29	-1.273e+05	3.746e+04	1.731e+06
		-6.612e+05	3.746e+04	-2.50e-03		288.0	2925.42	1770.10	-73.29	-1.330e+05	5.358e+04	-6.612e+05
						576.0	2925.42	1.484e+04	-73.29	-1.522e+05	6.971e+04	1.691e+06
89	40	6.466e+05	-4.366e+04	0.05	-0.66	0.0	705.63	-1.520e+04	78.81	1.128e+05	-4.366e+04	6.466e+05
		-6.994e+05	-7.273e+04	2.66e-03		288.0	705.63	-1797.13	78.81	1.197e+05	-5.819e+04	-6.625e+05
						576.0	705.63	1.083e+04	78.81	1.397e+05	-7.273e+04	6.069e+05
89	49	1.853e+06	5.391e+04	0.04	-0.68	0.0	2688.57	-1.073e+04	2.67	-8.893e+04	5.391e+04	1.853e+06

		-6.612e+05	1.673e+04	1.61e-03		288.0	2688.57	2173.60	2.67	-7.075e+04	3.532e+04	-6.612e+05
						576.0	2688.57	1.529e+04	2.67	-6.616e+04	1.673e+04	1.814e+06
89	52	5.242e+05	-1.975e+04	0.05	-0.66	0.0	942.48	-1.565e+04	2.85	7.442e+04	-6.011e+04	5.242e+05
		-7.139e+05	-6.011e+04	-1.57e-03		288.0	942.48	-2200.63	2.85	5.737e+04	-3.993e+04	-6.625e+05
						576.0	942.48	1.038e+04	2.85	5.363e+04	-1.975e+04	4.844e+05
89	53	1.371e+06	1.534e+05	0.04	-0.78	0.0	2846.73	-1.251e+04	-96.90	-1.091e+05	1.040e+05	1.371e+06
		-6.612e+05	1.040e+05	-7.02e-03		288.0	2846.73	586.56	-96.90	-1.327e+05	1.287e+05	-6.612e+05
						576.0	2846.73	1.351e+04	-96.90	-1.942e+05	1.534e+05	1.331e+06
89	56	1.006e+06	-1.102e+05	0.05	-0.77	0.0	784.33	-1.387e+04	102.42	9.457e+04	-1.102e+05	1.006e+06
		-6.624e+05	-1.564e+05	7.16e-03		288.0	784.33	-613.60	102.42	1.194e+05	-1.333e+05	-6.624e+05
						576.0	784.33	1.216e+04	102.42	1.817e+05	-1.564e+05	9.667e+05
89	69	1.147e+06	-1497.95	0.04	-0.60	0.0	1764.74	-1.273e+04	2.69	-6900.69	-3048.65	1.147e+06
		-6.386e+05	-3048.65	8.17e-05		288.0	1764.74	-12.79	2.69	-6355.62	-2273.30	-6.386e+05
						576.0	1764.74	1.238e+04	2.69	-5946.82	-1497.95	1.109e+06
89	70	1.287e+06	-1540.28	0.05	-0.66	0.0	1934.04	-1.427e+04	2.92	-8074.14	-3222.04	1.287e+06
		-7.160e+05	-3222.04	7.85e-05		288.0	1934.04	-15.21	2.92	-7465.83	-2381.16	-7.160e+05
						576.0	1934.04	1.388e+04	2.92	-7017.60	-1540.28	1.243e+06
89	71	1.147e+06	-1497.95	0.04	-0.60	0.0	1764.74	-1.273e+04	2.69	-6900.69	-3048.65	1.147e+06
		-6.386e+05	-3048.65	8.17e-05		288.0	1764.74	-12.79	2.69	-6355.62	-2273.30	-6.386e+05
						576.0	1764.74	1.238e+04	2.69	-5946.82	-1497.95	1.109e+06
89	72	1.217e+06	-1519.12	0.05	-0.63	0.0	1849.39	-1.350e+04	2.81	-7487.41	-3135.35	1.217e+06
		-6.773e+05	-3135.35	8.01e-05		288.0	1849.39	-14.00	2.81	-6910.73	-2327.23	-6.773e+05
						576.0	1849.39	1.313e+04	2.81	-6482.21	-1519.12	1.176e+06
89	73	1.147e+06	-1497.95	0.04	-0.60	0.0	1764.74	-1.273e+04	2.69	-6900.69	-3048.65	1.147e+06
		-6.386e+05	-3048.65	8.17e-05		288.0	1764.74	-12.79	2.69	-6355.62	-2273.30	-6.386e+05
						576.0	1764.74	1.238e+04	2.69	-5946.82	-1497.95	1.109e+06
89	74	1.189e+06	-1510.65	0.05	-0.62	0.0	1815.53	-1.319e+04	2.76	-7252.72	-3100.67	1.189e+06
		-6.618e+05	-3100.67	8.07e-05		288.0	1815.53	-13.52	2.76	-6688.69	-2305.66	-6.618e+05
						576.0	1815.53	1.283e+04	2.76	-6268.06	-1510.65	1.149e+06
90	1	2.424e+06	975.13	-0.03	-0.83	0.0	2595.76	-1.999e+04	-5.83	-5781.49	975.13	2.424e+06
		-6.532e+05	-2382.85	5.88e-04		288.0	2595.76	-1574.46	-5.83	-4830.48	-703.86	-6.532e+05
						576.0	2595.76	1.596e+04	-5.83	-3983.02	-2382.85	1.420e+06
90	2	2.770e+06	653.69	-0.04	-0.92	0.0	2901.23	-2.284e+04	-5.68	-7729.65	653.69	2.770e+06
		-7.466e+05	-2618.74	6.25e-04		288.0	2901.23	-1803.38	-5.68	-6609.11	-982.53	-7.466e+05
						576.0	2901.23	1.820e+04	-5.68	-5630.27	-2618.74	1.618e+06
90	3	1.865e+06	750.10	-0.03	-0.64	0.0	1996.74	-1.537e+04	-4.48	-4447.30	750.10	1.865e+06
		-5.024e+05	-1832.96	4.52e-04		288.0	1996.74	-1211.12	-4.48	-3715.75	-541.43	-4.889e+05
						576.0	1996.74	1.227e+04	-4.48	-3063.86	-1832.96	1.092e+06
90	13	3.296e+06	3.915e+04	-0.06	-0.77	0.0	4538.07	-1.056e+04	-12.36	-3.951e+05	3.915e+04	3.296e+06
		-4.980e+05	8807.81	-2.53e-03		288.0	4538.07	2955.52	-12.36	-4.241e+05	2.398e+04	-4.980e+05
						576.0	4538.07	1.701e+04	-12.36	-4.625e+05	8807.81	2.349e+06
90	16	5.719e+05	-1.257e+04	0.03	-0.70	0.0	-422.41	-2.133e+04	3.45	3.855e+05	-3.778e+04	5.719e+05
		-8.188e+05	-3.778e+04	3.45e-03		288.0	-422.41	-5469.33	3.45	4.159e+05	-2.517e+04	-5.162e+05
						576.0	-422.41	8439.55	3.45	4.557e+05	-1.257e+04	-8.530e+04
90	17	3.296e+06	-1.236e+04	-0.06	-0.77	0.0	4515.18	-1.056e+04	-6.27	-3.666e+05	-1.236e+04	3.296e+06
		-4.978e+05	-2.939e+04	-4.68e-04		288.0	4515.18	2956.59	-6.27	-3.981e+05	-2.087e+04	-4.978e+05
						576.0	4515.18	1.701e+04	-6.27	-4.385e+05	-2.939e+04	2.349e+06
90	20	5.714e+05	2.563e+04	0.03	-0.70	0.0	-399.51	-2.133e+04	-2.64	3.569e+05	1.373e+04	5.714e+05
		-8.192e+05	1.373e+04	1.39e-03		288.0	-399.51	-5470.41	-2.64	3.900e+05	1.968e+04	-5.164e+05
						576.0	-399.51	8439.59	-2.64	4.317e+05	2.563e+04	-8.570e+04
90	30	2.220e+06	1.888e+05	-0.03	-0.92	0.0	1220.54	-1.481e+04	104.74	1.027e+06	1.329e+05	2.220e+06
		-5.086e+05	1.329e+05	0.02		288.0	1220.54	-373.71	104.74	1.135e+06	1.609e+05	-5.086e+05
						576.0	1220.54	1.362e+04	104.74	1.268e+06	1.888e+05	1.387e+06
90	31	1.648e+06	-1.315e+05	0.02	-0.92	0.0	2895.13	-1.709e+04	-113.65	-1.037e+06	-1.315e+05	1.648e+06
		-5.536e+05	-1.926e+05	-0.02		288.0	2895.13	-2140.10	-113.65	-1.144e+06	-1.621e+05	-5.056e+05
						576.0	2895.13	1.183e+04	-113.65	-1.275e+06	-1.926e+05	8.771e+05
90	45	2.719e+06	2.233e+04	-0.05	-0.72	0.0	3472.59	-1.284e+04	-8.04	-2.121e+05	2.233e+04	2.719e+06
		-5.019e+05	4199.29	-8.37e-04		288.0	3472.59	1172.24	-8.04	-2.268e+05	1.327e+04	-5.019e+05
						576.0	3472.59	1.519e+04	-8.04	-2.466e+05	4199.29	1.834e+06
90	48	1.149e+06	-7959.56	0.02	-0.66	0.0	643.08	-1.905e+04	-0.87	2.024e+05	-2.096e+04	1.149e+06
		-6.501e+05	-2.096e+04	1.67e-03		288.0	643.08	-3686.05	-0.87	2.187e+05	-1.446e+04	-5.123e+05
						576.0	643.08	1.025e+04	-0.87	2.398e+05	-7959.56	4.300e+05
90	49	2.720e+06	-6316.28	-0.05	-0.72	0.0	3462.74	-1.284e+04	-5.45	-1.970e+05	-6316.28	2.720e+06
		-5.018e+05	-1.795e+04	5.22e-04		288.0	3462.74	1172.99	-5.45	-2.130e+05	-1.213e+04	-5.018e+05
						576.0	3462.74	1.519e+04	-5.45	-2.339e+05	-1.795e+04	1.834e+06
90	52	1.148e+06	1.419e+04	0.02	-0.66	0.0	652.92	-1.905e+04	-3.46	1.873e+05	7687.90	1.148e+06
		-6.503e+05	7687.90	6.62e-04		288.0	652.92	-3686.80	-3.46	2.049e+05	1.094e+04	-5.124e+05
						576.0	652.92	1.025e+04	-3.46	2.271e+05	1.419e+04	4.297e+05
90	62	2.099e+06	1.073e+05	-0.03	-0.77	0.0	1617.82	-1.529e+04	57.68	5.398e+05	7.464e+04	2.099e+06
		-5.078e+05	7.464e+04	0.01		288.0	1617.82	-748.71	57.68	5.971e+05	9.096e+04	-5.078e+05
						576.0	1617.82	1.324e+04	57.68	6.673e+05	1.073e+05	1.278e+06
90	63	1.769e+06	-7.326e+04	0.03	-0.78	0.0	2497.84	-1.660e+04	-66.59	-5.495e+05	-7.326e+04	1.769e+06
		-5.399e+05	-1.110e+05	-9.76e-03		288.0	2497.84	-1765.10	-66.59	-6.053e+05	-9.215e+04	-5.064e+05
						576.0	2497.84	1.221e+04	-66.59	-6.741e+05	-1.110e+05	9.853e+05
90	69	1.865e+06	750.10	-0.03	-0.64	0.0	1996.74	-1.537e+04	-4.48	-4447.30	750.10	1.865e+06
		-5.024e+05	-1832.96	4.52e-04		288.0	1996.74	-1211.12	-4.48	-3715.75	-541.43	-4.889e+05
						576.0	1996.74	1.227e+04	-4.48	-3063.86	-1832.96	1.092e+06

90	70	2.095e+06	535.80	-0.03	-0.70	0.0	2200.38	-1.728e+04	-4.39	-5746.08	535.80	2.095e+06
		-5.647e+05	-1990.22	4.77e-04		288.0	2200.38	-1363.74	-4.39	-4901.51	-727.21	-5.494e+05
						576.0	2200.38	1.377e+04	-4.39	-4162.03	-1990.22	1.224e+06
90	71	1.865e+06	750.10	-0.03	-0.64	0.0	1996.74	-1.537e+04	-4.48	-4447.30	750.10	1.865e+06
		-5.024e+05	-1832.96	4.52e-04		288.0	1996.74	-1211.12	-4.48	-3715.75	-541.43	-4.889e+05
						576.0	1996.74	1.227e+04	-4.48	-3063.86	-1832.96	1.092e+06
90	72	1.980e+06	642.95	-0.03	-0.67	0.0	2098.56	-1.633e+04	-4.43	-5096.69	642.95	1.980e+06
		-5.336e+05	-1911.59	4.65e-04		288.0	2098.56	-1287.43	-4.43	-4308.63	-634.32	-5.192e+05
						576.0	2098.56	1.302e+04	-4.43	-3612.95	-1911.59	1.158e+06
90	73	1.865e+06	750.10	-0.03	-0.64	0.0	1996.74	-1.537e+04	-4.48	-4447.30	750.10	1.865e+06
		-5.024e+05	-1832.96	4.52e-04		288.0	1996.74	-1211.12	-4.48	-3715.75	-541.43	-4.889e+05
						576.0	1996.74	1.227e+04	-4.48	-3063.86	-1832.96	1.092e+06
90	74	1.934e+06	685.81	-0.03	-0.65	0.0	2057.83	-1.595e+04	-4.45	-4836.94	685.81	1.934e+06
		-5.211e+05	-1880.14	4.60e-04		288.0	2057.83	-1256.91	-4.45	-4071.48	-597.16	-5.071e+05
						576.0	2057.83	1.272e+04	-4.45	-3393.31	-1880.14	1.132e+06
91	2	2.835e+06	7909.37	-0.29	-0.91	0.0	3044.02	-7991.01	-9.92	-2.320e+04	7909.37	-4.204e+05
		-1.225e+06	1954.70	1.84e-04		300.2	3044.02	4293.30	-9.92	-2.122e+04	4932.04	-1.023e+06
						600.5	3044.02	2.290e+04	-9.92	-1.973e+04	1954.70	2.835e+06
91	3	1.908e+06	4981.70	-0.20	-0.63	0.0	2093.61	-5327.02	-5.44	-1.533e+04	4981.70	-2.882e+05
		-8.235e+05	1716.92	1.13e-04		300.2	2093.61	2893.68	-5.44	-1.404e+04	3349.31	-6.867e+05
						600.5	2093.61	1.540e+04	-5.44	-1.307e+04	1716.92	1.908e+06
91	4	2.262e+06	6414.86	-0.23	-0.73	0.0	2415.93	-6392.91	-8.29	-1.860e+04	6414.86	-3.340e+05
		-9.779e+05	1439.63	1.50e-04		300.2	2415.93	3425.19	-8.29	-1.701e+04	3927.24	-8.175e+05
						600.5	2415.93	1.828e+04	-8.29	-1.581e+04	1439.63	2.262e+06
91	9	2.804e+06	5.769e+05	-0.33	-0.75	0.0	4744.56	-2829.34	-1020.35	-7.612e+05	5.769e+05	1.101e+06
		-3.945e+05	-3.572e+04	-0.03		300.2	4744.56	6872.51	-1020.35	-7.699e+05	2.706e+05	-3.879e+05
						600.5	4744.56	1.963e+04	-1020.35	-7.966e+05	-3.572e+04	2.804e+06
91	12	1.155e+06	3.905e+04	0.29	-0.67	0.0	-428.41	-8251.05	1008.34	7.292e+05	-5.663e+05	-1.696e+06
		-1.802e+06	-5.663e+05	0.03		300.2	-428.41	-872.54	1008.34	7.407e+05	-2.636e+05	-1.038e+06
						600.5	-428.41	1.232e+04	1008.34	7.694e+05	3.905e+04	1.155e+06
91	13	2.993e+06	-1.056e+05	-0.35	-0.74	0.0	6705.55	-2267.19	71.35	-6.516e+05	-1.056e+05	1.336e+06
		-3.860e+05	-1.074e+05	5.96e-03		300.2	6705.55	7588.10	71.35	-6.588e+05	-1.065e+05	-3.535e+05
						600.5	6705.55	2.038e+04	71.35	-6.814e+05	-1.074e+05	2.993e+06
91	16	9.652e+05	1.161e+05	0.30	-0.66	0.0	-2389.39	-8813.20	-83.36	6.196e+05	1.161e+05	-1.931e+06
		-1.992e+06	1.108e+05	-6.02e-03		300.2	-2389.39	-1588.13	-83.36	6.296e+05	1.134e+05	-1.072e+06
						600.5	-2389.39	1.158e+04	-83.36	6.542e+05	1.108e+05	9.652e+05
91	17	2.994e+06	-4.899e+04	-0.35	-0.75	0.0	6685.19	-2246.02	13.24	-7.005e+05	-4.899e+04	1.343e+06
		-3.860e+05	-1.001e+05	7.23e-03		300.2	6685.19	7599.36	13.24	-7.086e+05	-7.456e+04	-3.530e+05
						600.5	6685.19	2.038e+04	13.24	-7.331e+05	-1.001e+05	2.994e+06
91	20	9.648e+05	1.035e+05	0.30	-0.67	0.0	-2369.03	-8834.37	-25.25	6.686e+05	1.035e+05	-1.937e+06
		-1.997e+06	5.953e+04	-7.15e-03		300.2	-2369.03	-1599.39	-25.25	6.793e+05	8.149e+04	-1.073e+06
						600.5	-2369.03	1.157e+04	-25.25	7.059e+05	1.035e+05	9.648e+05
91	41	2.454e+06	3.336e+05	-0.28	-0.71	0.0	3640.13	-3984.53	-583.56	-4.149e+05	3.336e+05	5.069e+05
		-5.329e+05	-1.642e+04	-0.02		300.2	3640.13	5228.59	-583.56	-4.188e+05	1.586e+05	-5.260e+05
						600.5	3640.13	1.808e+04	-583.56	-4.325e+05	-1.642e+04	2.454e+06
91	44	1.505e+06	1.974e+04	0.25	-0.66	0.0	676.02	-7095.85	571.55	3.829e+05	-3.231e+05	-1.102e+06
		-1.343e+06	-3.231e+05	0.02		300.2	676.02	771.38	571.55	3.895e+05	-1.517e+05	-8.998e+05
						600.5	676.02	1.387e+04	571.55	4.052e+05	1.974e+04	1.505e+06
91	45	2.564e+06	-5.699e+04	-0.28	-0.70	0.0	4766.88	-3655.89	47.70	-3.541e+05	-5.952e+04	6.444e+05
		-5.057e+05	-5.952e+04	3.56e-03		300.2	4766.88	5645.65	47.70	-3.572e+05	-5.825e+04	-5.057e+05
						600.5	4766.88	1.851e+04	47.70	-3.687e+05	-5.699e+04	2.564e+06
91	48	1.394e+06	7.005e+04	0.26	-0.66	0.0	-450.73	-7424.50	-59.71	3.221e+05	7.005e+04	-1.239e+06
		-1.439e+06	6.031e+04	-3.60e-03		300.2	-450.73	354.32	-59.71	3.280e+05	6.518e+04	-9.200e+05
						600.5	-450.73	1.344e+04	-59.71	3.415e+05	6.031e+04	1.394e+06
91	49	2.564e+06	-2.655e+04	-0.28	-0.70	0.0	4757.99	-3644.45	11.84	-3.797e+05	-2.655e+04	6.480e+05
		-5.054e+05	-5.295e+04	4.45e-03		300.2	4757.99	5652.07	11.84	-3.833e+05	-3.975e+04	-5.054e+05
						600.5	4757.99	1.852e+04	11.84	-3.958e+05	-5.295e+04	2.564e+06
91	52	1.394e+06	5.627e+04	0.26	-0.66	0.0	-441.84	-7435.93	-23.85	3.477e+05	3.708e+04	-1.243e+06
		-1.441e+06	3.708e+04	-4.34e-03		300.2	-441.84	347.89	-23.85	3.540e+05	4.668e+04	-9.204e+05
						600.5	-441.84	1.344e+04	-23.85	3.686e+05	5.627e+04	1.394e+06
91	69	1.908e+06	4981.70	-0.20	-0.63	0.0	2093.61	-5327.02	-5.44	-1.533e+04	4981.70	-2.882e+05
		-8.235e+05	1716.92	1.13e-04		300.2	2093.61	2893.68	-5.44	-1.404e+04	3349.31	-6.867e+05
						600.5	2093.61	1.540e+04	-5.44	-1.307e+04	1716.92	1.908e+06
91	70	2.144e+06	5937.14	-0.22	-0.69	0.0	2308.49	-6037.61	-7.34	-1.751e+04	5937.14	-3.187e+05
		-9.264e+05	1532.06	1.38e-04		300.2	2308.49	3248.02	-7.34	-1.602e+04	3734.60	-7.739e+05
						600.5	2308.49	1.732e+04	-7.34	-1.490e+04	1532.06	2.144e+06
91	71	1.908e+06	4981.70	-0.20	-0.63	0.0	2093.61	-5327.02	-5.44	-1.533e+04	4981.70	-2.882e+05
		-8.235e+05	1716.92	1.13e-04		300.2	2093.61	2893.68	-5.44	-1.404e+04	3349.31	-6.867e+05
						600.5	2093.61	1.540e+04	-5.44	-1.307e+04	1716.92	1.908e+06
91	72	2.026e+06	5459.42	-0.21	-0.66	0.0	2201.05	-5682.31	-6.39	-1.642e+04	5459.42	-3.034e+05
		-8.750e+05	1624.49	1.26e-04		300.2	2201.05	3070.85	-6.39	-1.503e+04	3541.95	-7.303e+05
						600.5	2201.05	1.636e+04	-6.39	-1.399e+04	1624.49	2.026e+06
91	73	1.908e+06	4981.70	-0.20	-0.63	0.0	2093.61	-5327.02	-5.44	-1.533e+04	4981.70	-2.882e+05
		-8.235e+05	1716.92	1.13e-04		300.2	2093.61	2893.68	-5.44	-1.404e+04	3349.31	-6.867e+05
						600.5	2093.61	1.540e+04	-5.44	-1.307e+04	1716.92	1.908e+06
91	74	1.979e+06	5268.33	-0.20	-0.65	0.0	2158.08	-5540.19	-6.01	-1.598e+04	5268.33	-2.973e+05
		-8.544e+05	1661.46	1.21e-04		300.2	2158.08	2999.98	-6.01	-1.463e+04	3464.90	-7.129e+05

92	1	2.300e+06	5543.54	-0.25	-0.80	600.5	2158.08	1.598e+04	-6.01	-1.362e+04	1661.46	1.979e+06
		-1.008e+06	1519.52	-1.14e-04		0.0	2319.78	-6894.35	-6.70	3.921e+04	5543.54	-2.888e+05
						300.2	2319.78	3357.12	-6.70	3.681e+04	3531.53	-8.625e+05
92	2	2.622e+06	4793.54	-0.28	-0.89	600.5	2319.78	1.898e+04	-6.70	3.527e+04	1519.52	2.300e+06
		-1.154e+06	1374.16	-7.88e-05		0.0	2630.32	-7965.20	-5.69	4.402e+04	4793.54	-3.212e+05
						300.2	2630.32	3822.77	-5.69	4.136e+04	3083.85	-9.898e+05
92	3	1.769e+06	4264.26	-0.19	-0.61	600.5	2630.32	2.169e+04	-5.69	3.967e+04	1374.16	2.622e+06
		-7.752e+05	1168.86	-8.74e-05		0.0	1784.45	-5303.35	-5.15	3.016e+04	4264.26	-2.222e+05
						300.2	1784.45	2582.40	-5.15	2.832e+04	2716.56	-6.635e+05
92	4	2.092e+06	3514.26	-0.22	-0.70	600.5	1784.45	1.460e+04	-5.15	2.713e+04	1168.86	1.769e+06
		-9.218e+05	1023.50	5.52e-05		0.0	2094.98	-6374.20	-4.15	3.497e+04	3514.26	-2.545e+05
						300.2	2094.98	3048.05	-4.15	3.287e+04	2268.88	-7.908e+05
92	5	2.969e+06	-4.435e+04	-0.34	-0.73	600.5	2094.98	1.731e+04	-4.15	3.153e+04	1023.50	2.092e+06
		-4.024e+05	-3.906e+05	-0.04		0.0	8234.45	-2025.22	515.66	-6.287e+05	-3.906e+05	1.452e+06
						300.2	8234.45	7515.93	515.66	-6.420e+05	-2.175e+05	-3.485e+05
92	6	2.941e+06	1.337e+05	-0.34	-0.70	600.5	8234.45	1.994e+04	515.66	-6.703e+05	-4.435e+04	2.969e+06
		-4.183e+05	-4.813e+05	-0.04		0.0	8620.17	-2133.28	858.17	4.357e+05	-4.813e+05	1.403e+06
						300.2	8620.17	7394.98	858.17	4.397e+05	-1.738e+05	-3.672e+05
92	7	7.258e+05	4.895e+05	0.29	-0.67	600.5	8620.17	1.982e+04	858.17	4.540e+05	1.337e+05	2.941e+06
		-1.914e+06	-1.315e+05	0.04		0.0	-4927.06	-8901.75	-868.07	-3.734e+05	4.895e+05	-1.861e+06
						300.2	-4927.06	-2043.92	-868.07	-3.813e+05	1.790e+05	-1.011e+06
92	12	7.010e+05	3.453e+05	0.30	-0.65	600.5	-4927.06	1.046e+04	-868.07	-3.980e+05	-1.315e+05	7.258e+05
		-1.966e+06	3.936e+04	0.03		0.0	-4583.68	-8998.70	-458.04	7.370e+05	-3.453e+05	-1.916e+06
						300.2	-4583.68	-2179.07	-458.04	7.475e+05	1.923e+05	-1.034e+06
92	18	2.696e+06	5.784e+04	-0.31	-0.70	600.5	-4583.68	1.034e+04	-458.04	7.755e+05	3.936e+04	7.010e+05
		-4.190e+05	-6.836e+05	0.03		0.0	5564.30	-2855.13	1196.50	5.442e+05	-6.836e+05	1.123e+06
						300.2	5564.30	6516.16	1196.50	5.506e+05	-3.129e+05	-3.995e+05
92	19	9.709e+05	6.919e+05	0.28	-0.67	600.5	5564.30	1.887e+04	1196.50	5.696e+05	5.784e+04	2.696e+06
		-1.691e+06	-5.556e+04	-0.03		0.0	-1871.18	-8179.90	-1206.40	-4.820e+05	6.919e+05	-1.580e+06
						300.2	-1871.18	-1165.10	-1206.40	-4.921e+05	3.182e+05	-9.784e+05
92	37	2.487e+06	-2.111e+04	-0.28	-0.69	600.5	-1871.18	1.142e+04	-1206.40	-5.136e+05	-5.556e+04	9.709e+05
		-4.936e+05	-2.241e+05	-0.02		0.0	5527.02	-3507.90	303.42	-3.198e+05	-2.241e+05	7.373e+05
						300.2	5527.02	5458.57	303.42	-3.279e+05	-1.226e+05	-4.936e+05
92	38	2.471e+06	7.319e+04	-0.28	-0.66	600.5	5527.02	1.790e+04	303.42	-3.436e+05	-2.111e+04	2.487e+06
		-5.038e+05	-2.761e+05	-0.02		0.0	5739.29	-3569.10	485.06	2.415e+05	-2.761e+05	7.105e+05
						300.2	5739.29	5390.74	485.06	2.426e+05	-1.014e+05	-5.038e+05
92	39	1.196e+06	2.843e+05	0.25	-0.65	600.5	5739.29	1.783e+04	485.06	2.494e+05	7.319e+04	2.471e+06
		-1.365e+06	-7.091e+04	0.02		0.0	-2046.18	-7465.93	-494.97	-1.792e+05	2.843e+05	-1.168e+06
						300.2	-2046.18	-39.68	-494.97	-1.842e+05	1.067e+05	-8.740e+05
92	44	1.182e+06	2.015e+05	0.25	-0.64	600.5	-2046.18	1.245e+04	-494.97	-1.934e+05	-7.091e+04	1.196e+06
		-1.390e+06	1.936e+04	0.02		0.0	-1858.30	-7520.76	-272.42	4.062e+05	2.015e+05	-1.198e+06
						300.2	-1858.30	-115.10	-272.42	4.110e+05	1.104e+05	-8.866e+05
92	50	2.331e+06	2.991e+04	-0.26	-0.67	600.5	-1858.30	1.238e+04	-272.42	4.254e+05	1.936e+04	1.182e+06
		-5.216e+05	-3.924e+05	0.01		0.0	3985.17	-3981.64	682.01	3.010e+05	-3.924e+05	5.517e+05
						300.2	3985.17	4891.63	682.01	3.034e+05	-1.812e+05	-5.216e+05
92	51	1.336e+06	4.006e+05	0.24	-0.65	600.5	3985.17	1.729e+04	682.01	3.128e+05	2.991e+04	2.331e+06
		-1.256e+06	-2.763e+04	-0.01		0.0	-292.06	-7053.39	-691.92	-2.387e+05	4.006e+05	-1.009e+06
						300.2	-292.06	459.43	-691.92	-2.449e+05	1.865e+05	-8.562e+05
92	69	1.769e+06	4264.26	-0.19	-0.61	600.5	-292.06	1.299e+04	-691.92	-2.567e+05	-2.763e+04	1.336e+06
		-7.752e+05	1168.86	-8.74e-05		0.0	1784.45	-5303.35	-5.15	3.016e+04	4264.26	-2.222e+05
						300.2	1784.45	2582.40	-5.15	2.832e+04	2716.56	-6.635e+05
92	70	1.984e+06	3764.26	-0.21	-0.67	600.5	1784.45	1.460e+04	-5.15	2.713e+04	1168.86	1.769e+06
		-8.730e+05	1071.96	-6.39e-05		0.0	1991.47	-6017.25	-4.48	3.337e+04	3764.26	-2.437e+05
						300.2	1991.47	2892.84	-4.48	3.135e+04	2418.11	-7.483e+05
92	71	1.769e+06	4264.26	-0.19	-0.61	600.5	1991.47	1.641e+04	-4.48	3.006e+04	1071.96	1.984e+06
		-7.752e+05	1168.86	-8.74e-05		0.0	1784.45	-5303.35	-5.15	3.016e+04	4264.26	-2.222e+05
						300.2	1784.45	2582.40	-5.15	2.832e+04	2716.56	-6.635e+05
92	72	1.877e+06	4014.26	-0.20	-0.64	600.5	1784.45	1.460e+04	-5.15	2.713e+04	1168.86	1.769e+06
		-8.241e+05	1120.41	-7.55e-05		0.0	1887.96	-5660.30	-4.82	3.177e+04	4014.26	-2.330e+05
						300.2	1887.96	2737.62	-4.82	2.983e+04	2567.34	-7.059e+05
92	73	1.769e+06	4264.26	-0.19	-0.61	600.5	1887.96	1.550e+04	-4.82	2.860e+04	1120.41	1.877e+06
		-7.752e+05	1168.86	-8.74e-05		0.0	1784.45	-5303.35	-5.15	3.016e+04	4264.26	-2.222e+05
						300.2	1784.45	2582.40	-5.15	2.832e+04	2716.56	-6.635e+05
92	74	1.834e+06	4114.26	-0.20	-0.63	600.5	1784.45	1.460e+04	-5.15	2.713e+04	1168.86	1.769e+06
		-8.045e+05	1139.79	-8.02e-05		0.0	1846.56	-5517.52	-4.95	3.112e+04	4114.26	-2.286e+05
						300.2	1846.56	2675.53	-4.95	2.923e+04	2627.03	-6.889e+05
93	1	2.197e+06	135.24	0.03	-0.83	600.5	1846.56	1.514e+04	-4.95	2.801e+04	1139.79	1.834e+06
		-6.691e+05	-1206.34	3.36e-04		0.0	2451.62	-1.909e+04	-2.33	2.069e+04	135.24	2.197e+06
						288.0	2451.62	-968.47	-2.33	1.983e+04	-535.55	-6.691e+05
93	2	2.504e+06	-92.38	0.03	-0.92	576.0	2451.62	1.743e+04	-2.33	1.939e+04	-1206.34	1.658e+06
		-7.657e+05	-1189.01	3.19e-04		0.0	2785.48	-2.179e+04	-1.90	2.275e+04	-92.38	2.504e+06
						288.0	2785.48	-1093.95	-1.90	2.182e+04	-640.70	-7.657e+05
93	3	1.690e+06	104.03	0.02	-0.64	576.0	2785.48	1.993e+04	-1.90	2.135e+04	-1189.01	1.897e+06
		-5.147e+05	-927.95	2.59e-04		0.0	1885.86	-1.469e+04	-1.79	1.591e+04	104.03	1.690e+06
						288.0	1885.86	-744.97	-1.79	1.525e+04	-411.96	-5.147e+05
93	5	3.244e+06	5.869e+04	0.03	-0.76	576.0	1885.86	1.341e+04	-1.79	1.492e+04	-927.95	1.275e+06
						0.0	5232.25	-9404.83	-157.33	-4.109e+05	5.869e+04	3.244e+06

		-5.293e+05	5.108e+04	4.97e-03		288.0	5232.25	3879.89	-157.33	-4.357e+05	5.489e+04	-5.293e+05
						576.0	5232.25	1.869e+04	-157.33	-4.702e+05	5.108e+04	2.671e+06
93	6	3.209e+06	7.792e+04	0.03	-0.74	0.0	5531.54	-9537.47	-70.38	2.701e+05	2.946e+04	3.209e+06
		-5.311e+05	2.946e+04	0.02		288.0	5531.54	3768.82	-70.38	3.041e+05	5.369e+04	-5.311e+05
						576.0	5531.54	1.858e+04	-70.38	3.446e+05	7.792e+04	2.639e+06
93	7	2.937e+05	-2.934e+04	0.05	-0.75	0.0	-1626.28	-2.091e+04	66.97	-2.374e+05	-2.934e+04	5.937e+05
		-8.187e+05	-7.977e+04	-0.02		288.0	-1626.28	-5308.96	66.97	-2.728e+05	-5.456e+04	-5.369e+05
						576.0	-1626.28	9236.49	66.97	-3.140e+05	-7.977e+04	6984.76
93	8	2.585e+05	-5.293e+04	0.05	-0.73	0.0	-1326.99	-2.105e+04	153.92	4.435e+05	-5.857e+04	2.585e+05
		-8.303e+05	-5.857e+04	-4.46e-03		288.0	-1326.99	-5420.03	153.92	4.670e+05	-5.575e+04	-5.387e+05
						576.0	-1326.99	9118.93	153.92	5.008e+05	-5.293e+04	-2.523e+04
93	30	2.140e+06	1.964e+05	0.02	-0.96	0.0	3402.51	-1.371e+04	97.91	1.025e+06	1.292e+05	2.140e+06
		-5.360e+05	1.292e+05	0.02		288.0	3402.51	443.35	97.91	1.133e+06	1.628e+05	-5.360e+05
						576.0	3402.51	1.516e+04	97.91	1.266e+06	1.964e+05	1.676e+06
93	31	1.362e+06	-1.291e+05	0.03	-0.96	0.0	502.76	-1.674e+04	-101.32	-9.928e+05	-1.291e+05	1.362e+06
		-5.736e+05	-1.983e+05	-0.02		288.0	502.76	-1983.49	-101.32	-1.102e+06	-1.637e+05	-5.320e+05
						576.0	502.76	1.265e+04	-101.32	-1.235e+06	-1.983e+05	9.701e+05
93	37	2.610e+06	3.279e+04	0.03	-0.71	0.0	3844.88	-1.188e+04	-90.01	-2.128e+05	3.279e+04	2.610e+06
		-5.314e+05	2.744e+04	3.58e-03		288.0	3844.88	1904.70	-90.01	-2.259e+05	3.012e+04	-5.314e+05
						576.0	3844.88	1.666e+04	-90.01	-2.440e+05	2.744e+04	2.098e+06
93	38	2.590e+06	4.255e+04	0.03	-0.70	0.0	4005.58	-1.195e+04	-41.36	1.473e+05	1.663e+04	2.590e+06
		-5.323e+05	1.663e+04	0.01		288.0	4005.58	1841.03	-41.36	1.651e+05	2.959e+04	-5.323e+05
						576.0	4005.58	1.659e+04	-41.36	1.864e+05	4.255e+04	2.080e+06
93	39	9.128e+05	-1.651e+04	0.04	-0.70	0.0	-100.31	-1.850e+04	37.94	-1.146e+05	-1.651e+04	9.128e+05
		-6.503e+05	-4.440e+04	-0.01		288.0	-100.31	-3381.17	37.94	-1.338e+05	-3.046e+04	-5.357e+05
						576.0	-100.31	1.122e+04	37.94	-1.558e+05	-4.440e+04	5.659e+05
93	40	8.926e+05	-2.929e+04	0.04	-0.69	0.0	60.38	-1.857e+04	86.60	2.454e+05	-3.267e+04	8.926e+05
		-6.548e+05	-3.267e+04	-3.07e-03		288.0	60.38	-3444.84	86.60	2.572e+05	-3.098e+04	-5.366e+05
						576.0	60.38	1.115e+04	86.60	2.746e+05	-2.929e+04	5.474e+05
93	62	1.975e+06	1.116e+05	0.02	-0.81	0.0	2769.08	-1.436e+04	55.77	5.487e+05	7.248e+04	1.975e+06
		-5.350e+05	7.248e+04	0.01		288.0	2769.08	-72.51	55.77	6.052e+05	9.203e+04	-5.350e+05
						576.0	2769.08	1.463e+04	55.77	6.749e+05	1.116e+05	1.526e+06
93	63	1.528e+06	-7.236e+04	0.03	-0.82	0.0	1136.18	-1.610e+04	-59.18	-5.160e+05	-7.236e+04	1.528e+06
		-5.551e+05	-1.134e+05	-0.01		288.0	1136.18	-1467.63	-59.18	-5.739e+05	-9.289e+04	-5.330e+05
						576.0	1136.18	1.319e+04	-59.18	-6.442e+05	-1.134e+05	1.120e+06
93	69	1.690e+06	104.03	0.02	-0.64	0.0	1885.86	-1.469e+04	-1.79	1.591e+04	104.03	1.690e+06
		-5.147e+05	-927.95	2.59e-04		288.0	1885.86	-744.97	-1.79	1.525e+04	-411.96	-5.147e+05
						576.0	1885.86	1.341e+04	-1.79	1.492e+04	-927.95	1.275e+06
93	70	1.895e+06	-47.72	0.03	-0.70	0.0	2108.44	-1.649e+04	-1.51	1.729e+04	-47.72	1.895e+06
		-5.791e+05	-916.40	2.47e-04		288.0	2108.44	-828.63	-1.51	1.658e+04	-482.06	-5.791e+05
						576.0	2108.44	1.507e+04	-1.51	1.622e+04	-916.40	1.434e+06
93	71	1.690e+06	104.03	0.02	-0.64	0.0	1885.86	-1.469e+04	-1.79	1.591e+04	104.03	1.690e+06
		-5.147e+05	-927.95	2.59e-04		288.0	1885.86	-744.97	-1.79	1.525e+04	-411.96	-5.147e+05
						576.0	1885.86	1.341e+04	-1.79	1.492e+04	-927.95	1.275e+06
93	72	1.792e+06	28.15	0.02	-0.67	0.0	1997.15	-1.559e+04	-1.65	1.660e+04	28.15	1.792e+06
		-5.469e+05	-922.18	2.53e-04		288.0	1997.15	-786.80	-1.65	1.591e+04	-447.01	-5.469e+05
						576.0	1997.15	1.424e+04	-1.65	1.557e+04	-922.18	1.355e+06
93	73	1.690e+06	104.03	0.02	-0.64	0.0	1885.86	-1.469e+04	-1.79	1.591e+04	104.03	1.690e+06
		-5.147e+05	-927.95	2.59e-04		288.0	1885.86	-744.97	-1.79	1.525e+04	-411.96	-5.147e+05
						576.0	1885.86	1.341e+04	-1.79	1.492e+04	-927.95	1.275e+06
93	74	1.751e+06	58.50	0.02	-0.66	0.0	1952.63	-1.523e+04	-1.71	1.633e+04	58.50	1.751e+06
		-5.340e+05	-924.49	2.55e-04		288.0	1952.63	-770.07	-1.71	1.565e+04	-432.99	-5.340e+05
						576.0	1952.63	1.391e+04	-1.71	1.531e+04	-924.49	1.323e+06
94	2	1.904e+06	-845.30	0.07	-0.92	0.0	2802.26	-2.068e+04	3.32	2057.24	-2759.57	1.903e+06
		-1.011e+06	-2759.57	-4.03e-05		288.0	2802.26	0.23	3.32	1840.24	-1802.44	-1.011e+06
						576.0	2802.26	2.068e+04	3.32	1662.70	-845.30	1.904e+06
94	3	1.280e+06	-738.30	0.04	-0.64	0.0	1896.01	-1.391e+04	2.40	1424.65	-2120.25	1.280e+06
		-6.806e+05	-2120.25	3.71e-05		288.0	1896.01	-0.12	2.40	1264.80	-1429.28	-6.806e+05
						576.0	1896.01	1.391e+04	2.40	1132.07	-738.30	1.280e+06
94	4	1.520e+06	-623.81	0.05	-0.73	0.0	2233.45	-1.650e+04	2.60	1629.84	-2123.50	1.519e+06
		-8.064e+05	-2123.50	-3.56e-05		288.0	2233.45	0.27	2.60	1460.80	-1373.65	-8.064e+05
						576.0	2233.45	1.651e+04	2.60	1323.08	-623.81	1.520e+06
94	5	2.607e+06	1.088e+05	0.05	-0.77	0.0	1522.49	-9711.50	-164.33	-2.189e+05	1.088e+05	2.606e+06
		-7.054e+05	1.023e+05	-5.22e-03		288.0	1522.49	4211.25	-164.33	-2.290e+05	1.055e+05	-7.054e+05
						576.0	1522.49	1.915e+04	-164.33	-2.659e+05	1.023e+05	2.607e+06
94	8	4.958e+04	-1.037e+05	0.05	-0.73	0.0	2404.51	-1.915e+04	169.21	2.218e+05	-1.130e+05	4.958e+04
		-8.867e+05	-1.130e+05	5.28e-03		288.0	2404.51	-4211.34	169.21	2.316e+05	-1.084e+05	-7.061e+05
						576.0	2404.51	9713.10	169.21	2.683e+05	-1.037e+05	4.958e+04
94	21	1.758e+06	2.813e+05	0.05	-0.96	0.0	1434.96	-1.284e+04	-185.42	-1.855e+05	2.131e+05	1.758e+06
		-7.051e+05	2.131e+05	-0.01		288.0	1434.96	1417.43	-185.42	-2.247e+05	2.472e+05	-7.051e+05
						576.0	1434.96	1.602e+04	-185.42	-3.419e+05	2.813e+05	1.758e+06
94	24	8.978e+05	-2.173e+05	0.05	-0.95	0.0	2492.04	-1.602e+04	190.30	1.884e+05	-2.173e+05	8.978e+05
		-7.260e+05	-2.827e+05	0.01		288.0	2492.04	-1417.52	190.30	2.273e+05	-2.500e+05	-7.065e+05
						576.0	2492.04	1.284e+04	190.30	3.443e+05	-2.827e+05	8.977e+05
94	26	1.575e+06	-1.855e+05	0.05	-0.96	0.0	2329.28	-1.352e+04	109.51	1.138e+05	-1.855e+05	1.575e+06
		-7.064e+05	-2.872e+05	0.01		288.0	2329.28	813.13	109.51	1.537e+05	-2.364e+05	-7.064e+05
						576.0	2329.28	1.535e+04	109.51	2.700e+05	-2.872e+05	1.575e+06

94	27	1.081e+06	2.858e+05	0.05	-0.96	0.0	1597.71	-1.535e+04	-104.63	-1.109e+05	1.813e+05	1.081e+06
		-7.052e+05	1.813e+05	-0.01		288.0	1597.71	-813.22	-104.63	-1.511e+05	2.335e+05	-7.052e+05
						576.0	1597.71	1.352e+04	-104.63	-2.677e+05	2.858e+05	1.081e+06
94	37	2.063e+06	5.996e+04	0.05	-0.71	0.0	1716.87	-1.172e+04	-93.24	-1.214e+05	5.996e+04	2.063e+06
		-7.056e+05	5.679e+04	-2.90e-03		288.0	1716.87	2422.39	-93.24	-1.264e+05	5.837e+04	-7.056e+05
						576.0	1716.87	1.715e+04	-93.24	-1.456e+05	5.679e+04	2.063e+06
94	40	5.926e+05	-5.822e+04	0.05	-0.70	0.0	2210.13	-1.715e+04	98.12	1.244e+05	-6.420e+04	5.926e+05
		-7.622e+05	-6.420e+04	2.95e-03		288.0	2210.13	-2422.48	98.12	1.290e+05	-6.121e+04	-7.060e+05
						576.0	2210.13	1.172e+04	98.12	1.479e+05	-5.822e+04	5.926e+05
94	53	1.575e+06	1.560e+05	0.05	-0.82	0.0	1680.61	-1.352e+04	-105.13	-1.038e+05	1.160e+05	1.575e+06
		-7.054e+05	1.160e+05	-7.17e-03		288.0	1680.61	815.02	-105.13	-1.234e+05	1.360e+05	-7.054e+05
						576.0	1680.61	1.535e+04	-105.13	-1.838e+05	1.560e+05	1.575e+06
94	56	1.081e+06	-1.202e+05	0.05	-0.81	0.0	2246.39	-1.534e+04	110.01	1.067e+05	-1.202e+05	1.081e+06
		-7.062e+05	-1.574e+05	7.22e-03		288.0	2246.39	-815.11	110.01	1.261e+05	-1.388e+05	-7.062e+05
						576.0	2246.39	1.352e+04	110.01	1.862e+05	-1.574e+05	1.081e+06
94	58	1.471e+06	-1.019e+05	0.05	-0.81	0.0	2152.94	-1.390e+04	63.52	6.509e+04	-1.019e+05	1.471e+06
		-7.061e+05	-1.600e+05	6.98e-03		288.0	2152.94	469.42	63.52	8.498e+04	-1.310e+05	-7.061e+05
						576.0	2152.94	1.496e+04	63.52	1.448e+05	-1.600e+05	1.471e+06
94	59	1.185e+06	1.586e+05	0.05	-0.82	0.0	1774.06	-1.496e+04	-58.64	-6.216e+04	9.770e+04	1.185e+06
		-7.054e+05	9.770e+04	-6.93e-03		288.0	1774.06	-469.51	-58.64	-8.238e+04	1.282e+05	-7.054e+05
						576.0	1774.06	1.391e+04	-58.64	-1.424e+05	1.586e+05	1.185e+06
94	69	1.280e+06	-738.30	0.04	-0.64	0.0	1896.01	-1.391e+04	2.40	1424.65	-2120.25	1.280e+06
		-6.806e+05	-2120.25	3.71e-05		288.0	1896.01	-0.12	2.40	1264.80	-1429.28	-6.806e+05
						576.0	1896.01	1.391e+04	2.40	1132.07	-738.30	1.280e+06
94	70	1.440e+06	-661.98	0.05	-0.70	0.0	2120.97	-1.564e+04	2.54	1561.45	-2122.42	1.440e+06
		-7.645e+05	-2122.42	3.08e-05		288.0	2120.97	0.14	2.54	1395.47	-1392.20	-7.645e+05
						576.0	2120.97	1.564e+04	2.54	1259.41	-661.98	1.440e+06
94	71	1.280e+06	-738.30	0.04	-0.64	0.0	1896.01	-1.391e+04	2.40	1424.65	-2120.25	1.280e+06
		-6.806e+05	-2120.25	3.71e-05		288.0	1896.01	-0.12	2.40	1264.80	-1429.28	-6.806e+05
						576.0	1896.01	1.391e+04	2.40	1132.07	-738.30	1.280e+06
94	72	1.360e+06	-700.14	0.05	-0.67	0.0	2008.49	-1.478e+04	2.47	1493.05	-2121.33	1.360e+06
		-7.225e+05	-2121.33	3.38e-05		288.0	2008.49	6.17e-03	2.47	1330.13	-1410.74	-7.225e+05
						576.0	2008.49	1.478e+04	2.47	1195.74	-700.14	1.360e+06
94	73	1.280e+06	-738.30	0.04	-0.64	0.0	1896.01	-1.391e+04	2.40	1424.65	-2120.25	1.280e+06
		-6.806e+05	-2120.25	3.71e-05		288.0	1896.01	-0.12	2.40	1264.80	-1429.28	-6.806e+05
						576.0	1896.01	1.391e+04	2.40	1132.07	-738.30	1.280e+06
94	74	1.328e+06	-715.41	0.05	-0.66	0.0	1963.50	-1.443e+04	2.44	1465.69	-2120.90	1.328e+06
		-7.058e+05	-2120.90	3.50e-05		288.0	1963.50	-0.05	2.44	1304.00	-1418.15	-7.058e+05
						576.0	1963.50	1.443e+04	2.44	1170.27	-715.41	1.328e+06
95	2	2.503e+06	651.08	0.03	-0.92	0.0	2777.16	-1.994e+04	-2.81	-1.339e+04	651.08	1.901e+06
		-7.627e+05	-969.28	-2.08e-04		288.0	2777.16	1088.43	-2.81	-1.370e+04	-159.10	-7.627e+05
						576.0	2777.16	2.176e+04	-2.81	-1.429e+04	-969.28	2.503e+06
95	3	1.689e+06	314.65	0.02	-0.64	0.0	1879.46	-1.341e+04	-1.65	-9581.95	314.65	1.278e+06
		-5.127e+05	-633.89	-1.62e-04		288.0	1879.46	740.56	-1.65	-9805.27	-159.62	-5.127e+05
						576.0	1879.46	1.466e+04	-1.65	-1.024e+04	-633.89	1.689e+06
95	5	3.242e+06	-7.891e+04	-0.05	-0.76	0.0	-1080.73	-9123.05	-123.06	-4.713e+05	-1.151e+05	2.674e+06
		-5.281e+05	-1.151e+05	-4.32e-03		288.0	-1080.73	5414.56	-123.06	-4.352e+05	-9.698e+04	-5.281e+05
						576.0	-1080.73	2.102e+04	-123.06	-4.087e+05	-7.891e+04	3.242e+06
95	8	2.580e+05	1.158e+05	0.07	-0.73	0.0	4973.20	-1.870e+04	119.50	4.518e+05	1.158e+05	-2.206e+04
		-8.278e+05	7.759e+04	3.99e-03		288.0	4973.20	-3883.16	119.50	4.152e+05	9.669e+04	-5.357e+05
						576.0	4973.20	9385.75	119.50	3.878e+05	7.759e+04	2.580e+05
95	21	2.252e+06	-1.164e+05	-0.03	-0.96	0.0	620.63	-1.230e+04	-176.04	-1.345e+06	-2.024e+05	1.779e+06
		-5.302e+05	-2.024e+05	0.02		288.0	620.63	2329.73	-176.04	-1.215e+06	-1.594e+05	-5.302e+05
						576.0	620.63	1.716e+04	-176.04	-1.112e+06	-1.164e+05	2.252e+06
95	24	1.248e+06	2.032e+05	0.04	-0.95	0.0	3271.83	-1.552e+04	172.47	1.326e+06	2.032e+05	8.726e+05
		-5.844e+05	1.151e+05	-0.02		288.0	3271.83	-798.33	172.47	1.195e+06	1.591e+05	-5.337e+05
						576.0	3271.83	1.325e+04	172.47	1.091e+06	1.151e+05	1.248e+06
95	37	2.608e+06	-4.442e+04	-0.04	-0.71	0.0	208.31	-1.116e+04	-71.47	-2.550e+05	-6.401e+04	2.102e+06
		-5.297e+05	-6.401e+04	-2.95e-03		288.0	208.31	3439.80	-71.47	-2.362e+05	-5.421e+04	-5.297e+05
						576.0	208.31	1.855e+04	-71.47	-2.227e+05	-4.442e+04	2.608e+06
95	40	8.918e+05	6.473e+04	0.05	-0.70	0.0	3684.15	-1.667e+04	67.90	2.354e+05	6.473e+04	5.506e+05
		-6.524e+05	4.309e+04	2.62e-03		288.0	3684.15	-1908.40	67.90	2.162e+05	5.391e+04	-5.341e+05
						576.0	3684.15	1.186e+04	67.90	2.018e+05	4.309e+04	8.918e+05
95	53	2.038e+06	-6.567e+04	-0.03	-0.82	0.0	1200.66	-1.298e+04	-101.87	-7.155e+05	-1.146e+05	1.587e+06
		-5.309e+05	-1.146e+05	8.27e-03		288.0	1200.66	1664.94	-101.87	-6.472e+05	-9.014e+04	-5.309e+05
						576.0	1200.66	1.633e+04	-101.87	-5.930e+05	-6.567e+04	2.038e+06
95	56	1.462e+06	1.153e+05	0.03	-0.81	0.0	2691.80	-1.484e+04	98.30	6.960e+05	1.153e+05	1.065e+06
		-5.603e+05	6.434e+04	-8.55e-03		288.0	2691.80	-133.54	98.30	6.272e+05	8.984e+04	-5.329e+05
						576.0	2691.80	1.408e+04	98.30	5.722e+05	6.434e+04	1.462e+06
95	69	1.689e+06	314.65	0.02	-0.64	0.0	1879.46	-1.341e+04	-1.65	-9581.95	314.65	1.278e+06
		-5.127e+05	-633.89	-1.62e-04		288.0	1879.46	740.56	-1.65	-9805.27	-159.62	-5.127e+05
						576.0	1879.46	1.466e+04	-1.65	-1.024e+04	-633.89	1.689e+06
95	70	1.894e+06	476.01	0.03	-0.70	0.0	2102.03	-1.508e+04	-2.09	-1.021e+04	476.01	1.438e+06
		-5.768e+05	-730.71	-1.60e-04		288.0	2102.03	824.36	-2.09	-1.044e+04	-127.35	-5.768e+05
						576.0	2102.03	1.646e+04	-2.09	-1.089e+04	-730.71	1.894e+06
95	71	1.689e+06	314.65	0.02	-0.64	0.0	1879.46	-1.341e+04	-1.65	-9581.95	314.65	1.278e+06
		-5.127e+05	-633.89	-1.62e-04		288.0	1879.46	740.56	-1.65	-9805.27	-159.62	-5.127e+05

95	72	1.791e+06	395.33	0.02	-0.67	576.0	1879.46	1.466e+04	-1.65	-1.024e+04	-633.89	1.689e+06
		-5.447e+05	-682.30	-1.61e-04		0.0	1990.75	-1.424e+04	-1.87	-9893.72	395.33	1.358e+06
						288.0	1990.75	782.46	-1.87	-1.012e+04	-143.48	-5.447e+05
						576.0	1990.75	1.556e+04	-1.87	-1.057e+04	-682.30	1.791e+06
95	73	1.689e+06	314.65	0.02	-0.64	0.0	1879.46	-1.341e+04	-1.65	-9581.95	314.65	1.278e+06
		-5.127e+05	-633.89	-1.62e-04		288.0	1879.46	740.56	-1.65	-9805.27	-159.62	-5.127e+05
						576.0	1879.46	1.466e+04	-1.65	-1.024e+04	-633.89	1.689e+06
						0.0	1946.23	-1.391e+04	-1.78	-9769.01	363.06	1.326e+06
95	74	1.750e+06	363.06	0.02	-0.66	288.0	1946.23	765.70	-1.78	-9994.92	-149.94	-5.319e+05
		-5.319e+05	-662.93	-1.62e-04		576.0	1946.23	1.520e+04	-1.78	-1.044e+04	-662.93	1.750e+06
						0.0	2280.94	-1.896e+04	5.60	-2.779e+04	776.94	2.306e+06
						300.2	2280.94	-3403.42	5.60	-2.885e+04	2457.89	-8.573e+05
96	1	2.306e+06	4138.84	-0.25	-0.80	600.5	2280.94	6679.53	5.60	-3.058e+04	4138.84	-3.203e+05
		-1.007e+06	776.94	-9.41e-05		0.0	2587.21	-2.166e+04	3.81	-2.990e+04	758.79	2.630e+06
						300.2	2587.21	-3875.15	3.81	-3.103e+04	1902.81	-9.830e+05
						600.5	2587.21	7709.09	3.81	-3.288e+04	3046.84	-3.574e+05
96	3	1.774e+06	3183.73	-0.19	-0.61	0.0	1754.57	-1.458e+04	4.31	-2.138e+04	597.65	1.774e+06
		-7.748e+05	597.65	-7.23e-05		300.2	1754.57	-2618.02	4.31	-2.219e+04	1890.69	-6.594e+05
						600.5	1754.57	5138.10	4.31	-2.352e+04	3183.73	-2.464e+05
						0.0	2060.84	-1.728e+04	2.52	-2.348e+04	579.49	2.098e+06
96	4	2.098e+06	2091.72	-0.23	-0.70	300.2	2060.84	-3089.75	2.52	-2.437e+04	1335.61	-7.851e+05
		-9.204e+05	579.49	-8.53e-05		600.5	2060.84	6167.66	2.52	-2.582e+04	2091.72	-2.835e+05
						0.0	-4386.23	-1.033e+04	1060.30	-7.675e+05	-1.216e+05	2.976e+06
						300.2	-4386.23	2119.89	1060.30	-7.403e+05	2.277e+05	-3.453e+05
96	5	2.976e+06	5.770e+05	0.14	-0.73	600.5	-4386.23	8864.43	1060.30	-7.304e+05	5.770e+05	1.420e+06
		-3.976e+05	-1.216e+05	-0.01		0.0	8017.87	-1.992e+04	-1052.40	7.239e+05	1.228e+05	7.018e+05
						300.2	8017.87	-7544.61	-1052.40	6.950e+05	-2.241e+05	-1.024e+06
						600.5	8017.87	1823.60	-1052.40	6.824e+05	-5.710e+05	-1.928e+06
96	8	7.018e+05	1.228e+05	0.35	-0.65	0.0	-1855.82	-1.126e+04	1193.03	-7.094e+05	-5.941e+04	2.727e+06
		-1.972e+06	-5.710e+05	0.01		300.2	-1855.82	1265.07	1193.03	-6.859e+05	3.082e+05	-3.692e+05
						600.5	-1855.82	8112.89	1193.03	-6.784e+05	6.758e+05	1.151e+06
						0.0	5487.46	-1.898e+04	-1185.13	6.658e+05	6.060e+04	9.507e+05
96	13	2.727e+06	6.758e+05	0.14	-0.72	300.2	5487.46	-6689.80	-1185.13	6.406e+05	-3.046e+05	-1.000e+06
		-3.918e+05	-5.941e+04	0.02		600.5	5487.46	2575.14	-1185.13	6.305e+05	-6.699e+05	-1.658e+06
						0.0	-1750.90	-1.237e+04	606.30	-4.173e+05	-6.503e+04	2.493e+06
						300.2	-1750.90	65.85	606.30	-4.032e+05	1.345e+05	-4.901e+05
96	16	9.507e+05	6.060e+04	0.33	-0.66	600.5	-1750.90	7369.78	606.30	-3.986e+05	3.340e+05	7.085e+05
		-1.754e+06	-6.699e+05	-0.02		0.0	5382.54	-1.788e+04	-598.40	3.737e+05	6.622e+04	1.185e+06
						300.2	5382.54	-5490.58	-598.40	3.580e+05	-1.309e+05	-8.791e+05
						600.5	5382.54	3318.25	-598.40	3.506e+05	-3.281e+05	-1.216e+06
96	37	2.493e+06	3.340e+05	-0.15	-0.69	0.0	-297.23	-1.290e+04	682.62	-3.857e+05	-2.972e+04	2.351e+06
		-4.901e+05	-6.503e+04	-6.20e-03		300.2	-297.23	-420.10	682.62	-3.737e+05	1.805e+05	-5.032e+05
						600.5	-297.23	6939.93	682.62	-3.705e+05	3.907e+05	5.556e+05
						0.0	3928.88	-1.735e+04	-674.73	3.421e+05	3.091e+04	1.327e+06
96	40	1.185e+06	6.622e+04	0.28	-0.64	300.2	3928.88	-5004.63	-674.73	3.285e+05	-1.769e+05	-8.659e+05
		-1.393e+06	-3.281e+05	6.05e-03		600.5	3928.88	3748.10	-674.73	3.225e+05	-3.848e+05	-1.063e+06
						0.0	1754.57	-1.458e+04	4.31	-2.138e+04	597.65	1.774e+06
						300.2	1754.57	-2618.02	4.31	-2.219e+04	1890.69	-6.594e+05
96	45	2.351e+06	3.907e+05	-0.16	-0.68	600.5	1754.57	5138.10	4.31	-2.352e+04	3183.73	-2.464e+05
		-5.032e+05	-2.972e+04	0.01		0.0	1856.66	-1.548e+04	3.71	-2.208e+04	591.60	1.882e+06
						300.2	1856.66	-2775.26	3.71	-2.292e+04	1705.66	-7.013e+05
						600.5	1856.66	5481.29	3.71	-2.429e+04	2819.72	-2.588e+05
96	48	1.327e+06	3.091e+04	0.28	-0.64	0.0	1754.57	-1.458e+04	4.31	-2.138e+04	597.65	1.774e+06
		-1.291e+06	-3.848e+05	-0.01		300.2	1754.57	-2618.02	4.31	-2.219e+04	1890.69	-6.594e+05
						600.5	1754.57	5138.10	4.31	-2.352e+04	3183.73	-2.464e+05
						0.0	1815.82	-1.512e+04	3.95	-2.180e+04	594.02	1.839e+06
96	69	1.774e+06	3183.73	-0.19	-0.61	300.2	1815.82	-2712.36	3.95	-2.263e+04	1779.67	-6.846e+05
		-7.748e+05	597.65	-7.23e-05		600.5	1815.82	5344.02	3.95	-2.398e+04	2965.32	-2.538e+05
						0.0	-3.64	-0.43	7.10	0.04	0.0	5.77
						40.0	-3.64	1326.84	7.10	561.35	284.16	2.664e+04
97	2	1.057e+05	568.32	-0.01	-0.51	80.0	-3.64	2621.73	7.10	1122.89	568.32	1.057e+05
		5.77	0.0	6.57e-04		0.0	-2.78	-0.28	4.60	0.03	0.0	3.74
						40.0	-2.78	876.39	4.60	375.70	184.04	1.759e+04
						80.0	-2.78	1732.28	4.60	751.52	368.09	6.984e+04
97	3	6.984e+04	368.09	-8.69e-03	-0.35	0.0	324.93	-0.23	11.44	0.11	-1.05e-06	5.45
		3.74	0.0	3.52e-04		40.0	324.93	1045.92	11.44	1340.57	457.53	2.112e+04
						80.0	324.93	2032.38	11.44	2681.59	915.06	8.288e+04
						0.0	-330.51	-0.36	-1.79	-0.06	1.11e-06	2.39
97	18	8.288e+04	915.06	-0.18	-0.40	40.0	-330.51	781.88	-1.79	-560.00	-71.48	1.558e+04
		5.45	-1.05e-06	0.01		80.0	-330.51	1580.08	-1.79	-1120.18	-142.96	6.277e+04
						0.0	76.64	-0.58	-323.67	0.36	0.0	-0.01
97	19	6.277e+04	1.11e-06	0.20	-0.35	0.0						
		2.39	-142.96	-0.01								
97	30	1712.77	0.0	-0.05	-0.19							

		-0.01	-2.589e+04	-4.01e-03		40.0	76.64	17.64	-323.67	4237.36	-1.295e+04	277.25
						80.0	76.64	57.93	-323.67	8476.11	-2.589e+04	1712.77
97	31	1.439e+05	2.667e+04	0.07	-0.65	0.0	-82.21	-2.89e-03	333.32	-0.31	0.0	7.85
		7.85	0.0	4.79e-03		40.0	-82.21	1810.16	333.32	-3456.79	1.333e+04	3.642e+04
						80.0	-82.21	3554.54	333.32	-6914.70	2.667e+04	1.439e+05
97	33	1.599e+05	2.655e+04	-0.08	-0.71	0.0	55.62	0.07	331.89	-0.32	0.0	9.10
		9.10	0.0	6.42e-03		40.0	55.62	2014.27	331.89	-3670.26	1.328e+04	4.058e+04
						80.0	55.62	3938.28	331.89	-7341.71	2.655e+04	1.599e+05
97	36	-1.25	0.0	0.07	-0.15	0.0	-61.20	-0.66	-322.24	0.38	0.0	-1.25
		-1.429e+04	-2.578e+04	-5.64e-03		40.0	-61.20	-186.47	-322.24	4450.83	-1.289e+04	-3886.31
						80.0	-61.20	-325.82	-322.24	8903.12	-2.578e+04	-1.429e+04
97	48	4.353e+04	0.0	0.11	-0.27	0.0	-181.87	-0.42	-83.06	0.08	0.0	2.09
		2.09	-6645.16	-6.36e-03		40.0	-181.87	541.40	-83.06	1066.62	-3322.58	1.077e+04
						80.0	-181.87	1099.13	-83.06	2133.60	-6645.16	4.353e+04
97	50	7.969e+04	877.07	-0.11	-0.38	0.0	186.18	-0.25	10.96	0.02	0.0	5.03
		5.03	0.0	6.53e-03		40.0	186.18	1003.45	10.96	887.60	438.53	2.021e+04
						80.0	186.18	1962.72	10.96	1775.53	877.07	7.969e+04
97	51	6.596e+04	0.0	0.12	-0.34	0.0	-191.75	-0.34	-1.31	0.03	0.0	2.81
		2.81	-104.97	-5.75e-03		40.0	-191.75	824.35	-1.31	-107.02	-52.49	1.648e+04
						80.0	-191.75	1649.75	-1.31	-214.12	-104.97	6.596e+04
97	62	3.529e+04	0.0	-0.02	-0.26	0.0	42.82	-0.42	-177.41	0.04	0.0	2.94
		2.94	-1.419e+04	-2.17e-03		40.0	42.82	440.83	-177.41	2428.13	-7096.30	8811.72
						80.0	42.82	883.13	-177.41	4857.22	-1.419e+04	3.529e+04
97	63	1.104e+05	1.496e+04	0.04	-0.51	0.0	-48.39	-0.17	187.06	0.02	0.0	4.90
		4.90	0.0	2.95e-03		40.0	-48.39	1386.97	187.06	-1647.56	7482.35	2.788e+04
						80.0	-48.39	2729.33	187.06	-3295.81	1.496e+04	1.104e+05
97	65	1.196e+05	1.489e+04	-0.05	-0.55	0.0	31.13	-0.13	186.07	7.82e-03	0.0	5.47
		5.47	0.0	3.87e-03		40.0	31.13	1505.24	186.07	-1765.38	7442.89	3.030e+04
						80.0	31.13	2951.69	186.07	-3531.49	1.489e+04	1.196e+05
97	69	6.984e+04	368.09	-8.69e-03	-0.35	0.0	-2.78	-0.28	4.60	0.03	0.0	3.74
		3.74	0.0	3.52e-04		40.0	-2.78	876.39	4.60	375.70	184.04	1.759e+04
						80.0	-2.78	1732.28	4.60	751.52	368.09	6.984e+04
97	70	7.979e+04	427.96	-0.01	-0.38	0.0	-2.80	-0.32	5.35	0.03	0.0	4.35
		4.35	0.0	4.85e-04		40.0	-2.80	1001.41	5.35	424.33	213.98	2.011e+04
						80.0	-2.80	1978.79	5.35	848.80	427.96	7.979e+04
97	71	6.984e+04	368.09	-8.69e-03	-0.35	0.0	-2.78	-0.28	4.60	0.03	0.0	3.74
		3.74	0.0	3.52e-04		40.0	-2.78	876.39	4.60	375.70	184.04	1.759e+04
						80.0	-2.78	1732.28	4.60	751.52	368.09	6.984e+04
97	72	7.482e+04	398.02	-9.44e-03	-0.37	0.0	-2.79	-0.30	4.98	0.03	0.0	4.04
		4.04	0.0	4.18e-04		40.0	-2.79	938.90	4.98	400.01	199.01	1.885e+04
						80.0	-2.79	1855.53	4.98	800.16	398.02	7.482e+04
97	73	6.984e+04	368.09	-8.69e-03	-0.35	0.0	-2.78	-0.28	4.60	0.03	0.0	3.74
		3.74	0.0	3.52e-04		40.0	-2.78	876.39	4.60	375.70	184.04	1.759e+04
						80.0	-2.78	1732.28	4.60	751.52	368.09	6.984e+04
97	74	7.282e+04	386.05	-9.14e-03	-0.36	0.0	-2.79	-0.29	4.83	0.03	0.0	3.92
		3.92	0.0	3.92e-04		40.0	-2.79	913.90	4.83	390.29	193.02	1.835e+04
						80.0	-2.79	1806.23	4.83	780.71	386.05	7.282e+04
98	1	1.075e+05	157.28	0.01	-0.45	0.0	-4.67	-2409.94	-1.75	1318.47	157.28	1.075e+05
		2.36	0.0	5.16e-04		45.0	-4.67	-1189.04	-1.75	659.08	78.64	2.663e+04
						90.0	-4.67	0.31	-1.75	0.04	0.0	2.36
98	2	1.251e+05	69.47	0.01	-0.49	0.0	-5.04	-2804.49	-0.77	1577.55	69.47	1.251e+05
		2.99	0.0	7.40e-04		45.0	-5.04	-1383.91	-0.77	788.59	34.73	3.100e+04
						90.0	-5.04	0.36	-0.77	0.05	0.0	2.99
98	3	8.268e+04	120.98	8.95e-03	-0.34	0.0	-3.59	-1853.80	-1.34	1014.21	120.98	8.268e+04
		1.81	0.0	3.97e-04		45.0	-3.59	-914.64	-1.34	506.99	60.49	2.048e+04
						90.0	-3.59	0.24	-1.34	0.03	0.0	1.81
98	17	1.571e+05	1.06e-06	-0.17	-0.55	0.0	-157.63	-407.31	355.27	-2239.78	-3.197e+04	1.571e+05
		5.12	-3.197e+04	3.20e-03		45.0	-157.63	-153.54	355.27	-1119.62	-1.599e+04	3.964e+04
						90.0	-157.63	0.48	355.27	-0.05	1.06e-06	5.12
98	20	1.532e+04	3.218e+04	0.19	-0.20	0.0	150.30	-3458.10	-357.57	4371.82	3.218e+04	1.532e+04
		-1.24	-1.14e-06	-2.31e-03		45.0	150.30	-1753.70	-357.57	2185.40	1.609e+04	3076.70
						90.0	150.30	8.47e-03	-357.57	0.12	-1.14e-06	-1.24
98	30	-0.74	1112.49	-0.13	-0.14	0.0	346.02	-4270.40	-12.36	3179.33	1112.49	-2.603e+04
		-2.603e+04	0.0	-0.02		45.0	346.02	-2239.77	-12.36	1589.28	556.25	-8455.28
						90.0	346.02	-0.08	-12.36	0.05	0.0	-0.74
98	31	1.984e+05	0.0	0.11	-0.67	0.0	-353.35	404.98	10.06	-1047.29	-905.65	1.984e+05
		4.62	-905.65	0.02		45.0	-353.35	332.53	10.06	-523.50	-452.83	5.117e+04
						90.0	-353.35	0.58	10.06	0.02	0.0	4.62
98	33	2.160e+05	0.0	-0.13	-0.72	0.0	-344.42	792.30	153.00	-2225.36	-1.377e+04	2.160e+05
		5.62	-1.377e+04	0.02		45.0	-344.42	529.10	153.00	-1112.40	-6885.06	5.561e+04
						90.0	-344.42	0.64	153.00	-0.02	0.0	5.62
98	36	-1.74	1.398e+04	0.14	-0.11	0.0	337.09	-4657.72	-155.30	4357.40	1.398e+04	-4.363e+04
		-4.363e+04	0.0	-0.02		45.0	337.09	-2436.34	-155.30	2178.17	6988.48	-1.290e+04
						90.0	337.09	-0.15	-155.30	0.09	0.0	-1.74
98	49	1.255e+05	0.0	-0.10	-0.46	0.0	-89.97	-1085.72	204.41	-806.91	-1.840e+04	1.255e+05
		3.59	-1.840e+04	2.01e-03		45.0	-89.97	-510.24	204.41	-403.37	-9198.64	3.148e+04
						90.0	-89.97	0.38	204.41	-0.04	0.0	3.59

98	52	4.690e+04	1.860e+04	0.11	-0.26	0.0	82.64	-2779.70	-206.71	2938.95	1.860e+04	4.690e+04
		0.29	0.0	-1.13e-03		45.0	82.64	-1397.00	-206.71	1469.14	9302.06	1.123e+04
						90.0	82.64	0.11	-206.71	0.10	0.0	0.29
98	60	2.758e+04	6469.88	0.08	-0.24	0.0	125.16	-3163.19	-71.89	2613.98	6469.88	2.758e+04
		-0.58	0.0	-4.58e-03		45.0	125.16	-1623.14	-71.89	1306.68	3234.94	5887.62
						90.0	125.16	0.05	-71.89	0.08	0.0	-0.58
98	62	2.686e+04	677.71	-0.08	-0.24	0.0	189.78	-3168.57	-7.53	2166.49	677.71	2.686e+04
		0.62	0.0	-0.01		45.0	189.78	-1633.70	-7.53	1082.99	338.85	5592.34
						90.0	189.78	0.07	-7.53	0.06	0.0	0.62
98	63	1.455e+05	0.0	0.06	-0.51	0.0	-197.11	-696.85	5.23	-34.45	-470.87	1.455e+05
		3.26	-470.87	0.01		45.0	-197.11	-273.54	5.23	-17.21	-235.43	3.712e+04
						90.0	-197.11	0.42	5.23	0.01	0.0	3.26
98	65	1.557e+05	0.0	-0.06	-0.54	0.0	-191.90	-472.66	87.69	-716.22	-7892.09	1.557e+05
		3.81	-7892.09	0.01		45.0	-191.90	-159.83	87.69	-358.02	-3946.05	3.969e+04
						90.0	-191.90	0.46	87.69	-0.01	0.0	3.81
98	69	8.268e+04	120.98	8.95e-03	-0.34	0.0	-3.59	-1853.80	-1.34	1014.21	120.98	8.268e+04
		1.81	0.0	3.97e-04		45.0	-3.59	-914.64	-1.34	506.99	60.49	2.048e+04
						90.0	-3.59	0.24	-1.34	0.03	0.0	1.81
98	70	9.443e+04	62.44	0.01	-0.37	0.0	-3.84	-2116.83	-0.69	1186.93	62.44	9.443e+04
		2.23	0.0	5.46e-04		45.0	-3.84	-1044.56	-0.69	593.33	31.22	2.339e+04
						90.0	-3.84	0.27	-0.69	0.04	0.0	2.23
98	71	8.268e+04	120.98	8.95e-03	-0.34	0.0	-3.59	-1853.80	-1.34	1014.21	120.98	8.268e+04
		1.81	0.0	3.97e-04		45.0	-3.59	-914.64	-1.34	506.99	60.49	2.048e+04
						90.0	-3.59	0.24	-1.34	0.03	0.0	1.81
98	72	8.855e+04	91.71	9.53e-03	-0.36	0.0	-3.71	-1985.32	-1.02	1100.57	91.71	8.855e+04
		2.02	0.0	4.71e-04		45.0	-3.71	-979.60	-1.02	550.16	45.86	2.194e+04
						90.0	-3.71	0.25	-1.02	0.04	0.0	2.02
98	73	8.268e+04	120.98	8.95e-03	-0.34	0.0	-3.59	-1853.80	-1.34	1014.21	120.98	8.268e+04
		1.81	0.0	3.97e-04		45.0	-3.59	-914.64	-1.34	506.99	60.49	2.048e+04
						90.0	-3.59	0.24	-1.34	0.03	0.0	1.81
98	74	8.621e+04	103.42	9.30e-03	-0.35	0.0	-3.67	-1932.71	-1.15	1066.02	103.42	8.621e+04
		1.94	0.0	4.42e-04		45.0	-3.67	-953.62	-1.15	532.89	51.71	2.136e+04
						90.0	-3.67	0.25	-1.15	0.03	0.0	1.94
99	1	8.819e+04	127.61	-1.00e-03	-0.44	0.0	-0.14	-0.23	1.60	-0.01	0.0	-0.11
		-0.11	0.0	-2.87e-04		40.0	-0.14	1102.79	1.60	-218.99	63.80	2.206e+04
						80.0	-0.14	2203.48	1.60	-438.06	127.61	8.819e+04
99	2	1.038e+05	79.23	-1.74e-03	-0.49	0.0	0.04	-0.30	0.99	-0.02	0.0	1.12
		1.12	0.0	-4.67e-04		40.0	0.04	1297.89	0.99	-293.80	39.61	2.597e+04
						80.0	0.04	2592.02	0.99	-587.71	79.23	1.038e+05
99	4	8.343e+04	49.78	-1.50e-03	-0.39	0.0	0.07	-0.25	0.62	-0.01	0.0	1.15
		1.15	0.0	-4.00e-04		40.0	0.07	1043.40	0.62	-243.27	24.89	2.088e+04
						80.0	0.07	2083.53	0.62	-486.62	49.78	8.343e+04
99	10	7.919e+04	0.0	-0.05	-0.40	0.0	-160.60	-0.16	-408.51	-0.09	0.0	0.71
		0.71	-3.268e+04	-2.30e-03		40.0	-160.60	983.73	-408.51	-1130.84	-1.634e+04	1.955e+04
						80.0	-160.60	2004.67	-408.51	-2262.06	-3.268e+04	7.919e+04
99	11	6.273e+04	3.286e+04	0.05	-0.35	0.0	160.45	-0.23	410.72	0.07	-1.03e-06	-0.38
		-0.38	-1.03e-06	1.78e-03		40.0	160.45	790.91	410.72	764.00	1.643e+04	1.595e+04
						80.0	160.45	1540.71	410.72	1528.26	3.286e+04	6.273e+04
99	29	1.601e+05	0.0	-0.44	-0.68	0.0	269.45	0.13	-86.83	-0.14	0.0	3.65
		3.65	-6946.54	2.22e-03		40.0	269.45	2026.17	-86.83	-1718.43	-3473.27	4.102e+04
						80.0	269.45	3901.28	-86.83	-3437.43	-6946.54	1.601e+05
99	30	1087.02	0.0	0.35	-0.19	0.0	-313.45	-0.45	-150.95	0.05	0.0	-2.45
		-719.75	-1.208e+04	-3.45e-03		40.0	-313.45	-10.39	-150.95	576.59	-6038.09	-688.85
						80.0	-313.45	123.31	-150.95	1153.36	-1.208e+04	1087.02
99	31	1.408e+05	1.225e+04	-0.35	-0.61	0.0	313.31	0.06	153.16	-0.07	0.0	2.77
		2.77	0.0	2.93e-03		40.0	313.31	1785.03	153.16	-943.42	6126.57	3.619e+04
						80.0	313.31	3422.08	153.16	-1887.16	1.225e+04	1.408e+05
99	32	-3.32	7123.51	0.45	-0.13	0.0	-269.60	-0.52	89.04	0.12	0.0	-3.32
		-1.816e+04	0.0	-2.73e-03		40.0	-269.60	-251.53	89.04	1351.59	3561.76	-5523.02
						80.0	-269.60	-355.90	89.04	2703.63	7123.51	-1.816e+04
99	42	7.642e+04	0.0	-0.03	-0.38	0.0	-90.34	-0.18	-234.70	-0.05	0.0	0.24
		0.24	-1.878e+04	-1.46e-03		40.0	-90.34	952.23	-234.70	-737.63	-9388.05	1.898e+04
						80.0	-90.34	1923.30	-234.70	-1475.52	-1.878e+04	7.642e+04
99	43	6.549e+04	1.895e+04	0.03	-0.34	0.0	90.20	-0.21	236.91	0.03	0.0	0.09
		0.09	0.0	9.44e-04		40.0	90.20	822.40	236.91	370.80	9476.53	1.652e+04
						80.0	90.20	1622.09	236.91	741.72	1.895e+04	6.549e+04
99	61	1.187e+05	0.0	-0.24	-0.52	0.0	147.82	0.03	-49.52	-0.04	0.0	3.87
		3.87	-3961.24	1.16e-03		40.0	147.82	1497.04	-49.52	-1016.03	-1980.62	3.021e+04
						80.0	147.82	2913.33	-49.52	-2032.44	-3961.24	1.187e+05
99	62	3.412e+04	0.0	0.18	-0.26	0.0	-173.23	-0.37	-86.43	-7.27e-03	0.0	-2.89
		-2.89	-6914.72	-2.10e-03		40.0	-173.23	414.02	-86.43	206.63	-3457.36	8026.40
						80.0	-173.23	903.31	-86.43	413.35	-6914.72	3.412e+04
99	63	1.078e+05	7091.69	-0.18	-0.48	0.0	173.09	-0.02	88.65	-0.01	0.0	3.22
		3.22	0.0	1.59e-03		40.0	173.09	1360.62	88.65	-573.46	3545.85	2.747e+04
						80.0	173.09	2642.07	88.65	-1147.15	7091.69	1.078e+05
99	64	2.323e+04	4138.21	0.24	-0.23	0.0	-147.96	-0.41	51.73	0.02	0.0	-3.54
		-3.54	0.0	-1.67e-03		40.0	-147.96	277.60	51.73	649.19	2069.10	5291.89

					80.0	-147.96	632.05	51.73	1298.64	4138.21	2.323e+04
99	69	6.784e+04	98.16	-7.73e-04	-0.34	0.0	-0.11	-0.18	1.23	-8.48e-03	0.0
		-0.08	0.0	-2.21e-04		40.0	-0.11	848.30	1.23	-168.45	49.08
						80.0	-0.11	1694.98	1.23	-336.97	98.16
99	70	7.823e+04	65.91	-1.26e-03	-0.37	0.0	0.01	-0.23	0.82	-0.01	0.0
		0.74	0.0	-3.40e-04		40.0	0.01	978.37	0.82	-218.33	32.95
						80.0	0.01	1954.01	0.82	-436.74	65.91
99	71	6.784e+04	98.16	-7.73e-04	-0.34	0.0	-0.11	-0.18	1.23	-8.48e-03	0.0
		-0.08	0.0	-2.21e-04		40.0	-0.11	848.30	1.23	-168.45	49.08
						80.0	-0.11	1694.98	1.23	-336.97	98.16
99	72	7.304e+04	82.03	-1.02e-03	-0.36	0.0	-0.05	-0.20	1.03	-0.01	0.0
		0.33	0.0	-2.80e-04		40.0	-0.05	913.33	1.03	-193.39	41.02
						80.0	-0.05	1824.50	1.03	-386.85	82.03
99	73	6.784e+04	98.16	-7.73e-04	-0.34	0.0	-0.11	-0.18	1.23	-8.48e-03	0.0
		-0.08	0.0	-2.21e-04		40.0	-0.11	848.30	1.23	-168.45	49.08
						80.0	-0.11	1694.98	1.23	-336.97	98.16
99	74	7.096e+04	88.48	-9.19e-04	-0.35	0.0	-0.07	-0.19	1.11	-9.40e-03	0.0
		0.16	0.0	-2.57e-04		40.0	-0.07	887.32	1.11	-183.42	44.24
						80.0	-0.07	1772.69	1.11	-366.90	88.48
100	1	9.018e+04	0.0	2.03e-03	-0.45	0.0	-0.72	-0.25	-1.80	0.03	0.0
		0.52	-144.26	3.11e-04		40.0	-0.72	1128.09	-1.80	246.19	-72.13
						80.0	-0.72	2251.65	-1.80	492.46	-144.26
100	2	1.057e+05	0.0	2.69e-03	-0.50	0.0	-0.49	-0.30	-1.23	0.03	0.0
		0.88	-98.45	4.92e-04		40.0	-0.49	1322.09	-1.23	318.15	-49.22
						80.0	-0.49	2638.12	-1.23	636.39	-98.45
100	3	6.937e+04	0.0	1.56e-03	-0.35	0.0	-0.56	-0.20	-1.39	0.02	0.0
		0.40	-110.97	2.39e-04		40.0	-0.56	867.76	-1.39	189.38	-55.48
						80.0	-0.56	1732.04	-1.39	378.82	-110.97
100	4	8.487e+04	0.0	2.22e-03	-0.40	0.0	-0.33	-0.25	-0.81	0.03	0.0
		0.76	-65.15	4.20e-04		40.0	-0.33	1061.76	-0.81	261.33	-32.58
						80.0	-0.33	2118.51	-0.81	522.75	-65.15
100	5	1.281e+05	1.04e-06	-0.12	-0.56	0.0	154.79	0.03	-409.81	-0.07	1.04e-06
		3.96	-3.278e+04	-1.39e-03		40.0	154.79	1610.73	-409.81	-1418.20	-1.639e+04
						80.0	154.79	3167.89	-409.81	-2836.92	-3.278e+04
100	8	1.681e+04	3.258e+04	0.12	-0.20	0.0	-155.81	-0.44	407.27	0.11	0.0
		-3.01	0.0	1.94e-03		40.0	-155.81	202.40	407.27	1825.74	1.629e+04
						80.0	-155.81	450.78	407.27	3652.13	3.258e+04
100	21	1.635e+05	0.0	-0.41	-0.69	0.0	308.62	0.16	-152.38	-0.06	0.0
		5.42	-1.219e+04	-2.14e-03		40.0	308.62	2070.81	-152.38	-1342.85	-6095.02
						80.0	308.62	3979.70	-152.38	-2686.20	-1.219e+04
100	24	-4.47	1.199e+04	0.41	-0.13	0.0	-309.64	-0.57	149.83	0.10	0.0
		-1.856e+04	0.0	2.69e-03		40.0	-309.64	-257.69	149.83	1750.39	5993.22
						80.0	-309.64	-361.03	149.83	3501.40	1.199e+04
100	37	1.031e+05	0.0	-0.07	-0.47	0.0	86.66	-0.09	-236.46	-0.01	0.0
		2.02	-1.892e+04	-7.11e-04		40.0	86.66	1293.97	-236.46	-708.95	-9458.40
						80.0	86.66	2558.09	-236.46	-1418.20	-1.892e+04
100	40	4.183e+04	1.871e+04	0.07	-0.27	0.0	-87.68	-0.32	233.91	0.06	0.0
		-1.07	0.0	1.26e-03		40.0	-87.68	519.15	233.91	1116.50	9356.60
						80.0	-87.68	1060.58	233.91	2233.41	1.871e+04
100	53	1.213e+05	0.0	-0.22	-0.53	0.0	170.71	-6.24e-03	-88.25	-1.52e-03	0.0
		3.23	-7059.80	-1.12e-03		40.0	170.71	1531.31	-88.25	-636.11	-3529.90
						80.0	170.71	2974.92	-88.25	-1272.48	-7059.80
100	56	2.361e+04	6856.18	0.22	-0.23	0.0	-171.73	-0.40	85.70	0.05	0.0
		-2.28	0.0	1.67e-03		40.0	-171.73	281.81	85.70	1043.65	3428.09
						80.0	-171.73	643.75	85.70	2087.69	6856.18
100	69	6.937e+04	0.0	1.56e-03	-0.35	0.0	-0.56	-0.20	-1.39	0.02	0.0
		0.40	-110.97	2.39e-04		40.0	-0.56	867.76	-1.39	189.38	-55.48
						80.0	-0.56	1732.04	-1.39	378.82	-110.97
100	70	7.971e+04	0.0	2.00e-03	-0.38	0.0	-0.40	-0.23	-1.01	0.02	0.0
		0.64	-80.43	3.60e-04		40.0	-0.40	997.09	-1.01	237.35	-40.21
						80.0	-0.40	1989.69	-1.01	474.77	-80.43
100	71	6.937e+04	0.0	1.56e-03	-0.35	0.0	-0.56	-0.20	-1.39	0.02	0.0
		0.40	-110.97	2.39e-04		40.0	-0.56	867.76	-1.39	189.38	-55.48
						80.0	-0.56	1732.04	-1.39	378.82	-110.97
100	72	7.454e+04	0.0	1.78e-03	-0.36	0.0	-0.48	-0.21	-1.20	0.02	0.0
		0.52	-95.70	3.00e-04		40.0	-0.48	932.43	-1.20	213.36	-47.85
						80.0	-0.48	1860.86	-1.20	426.79	-95.70
100	73	6.937e+04	0.0	1.56e-03	-0.35	0.0	-0.56	-0.20	-1.39	0.02	0.0
		0.40	-110.97	2.39e-04		40.0	-0.56	867.76	-1.39	189.38	-55.48
						80.0	-0.56	1732.04	-1.39	378.82	-110.97
100	74	7.247e+04	0.0	1.69e-03	-0.36	0.0	-0.51	-0.21	-1.27	0.02	0.0
		0.47	-101.81	2.75e-04		40.0	-0.51	906.56	-1.27	203.77	-50.90
						80.0	-0.51	1809.33	-1.27	407.60	-101.81
101	2	1.065e+05	0.0	-5.86e-03	-0.50	0.0	-3.20	-2653.32	2.46	-318.77	-196.69
		2.31	-196.69	4.91e-04		40.0	-3.20	-1333.48	2.46	-159.36	-98.35
						80.0	-3.20	0.34	2.46	-0.01	0.0
101	3	6.986e+04	0.0	-3.46e-03	-0.35	0.0	-2.34	-1741.14	1.51	-188.66	-121.01

		1.30	-121.01	2.39e-04		40.0	-2.34	-874.58	1.51	-94.32	-60.50	1.752e+04
						80.0	-2.34	0.22	1.51	-8.17e-03	0.0	1.30
101	5	1.315e+05	1.355e+04	-0.14	-0.58	0.0	-404.17	-407.37	-169.35	-3464.82	1.355e+04	1.315e+05
		5.14	-1.03e-06	-3.64e-03		40.0	-404.17	-170.53	-169.35	-1732.12	6774.04	3.342e+04
						80.0	-404.17	0.48	-169.35	-0.15	-1.03e-06	5.14
101	8	1.453e+04	0.0	0.13	-0.20	0.0	399.43	-3230.85	172.57	3058.09	-1.381e+04	1.453e+04
		-2.29	-1.381e+04	4.19e-03		40.0	399.43	-1657.24	172.57	1528.79	-6902.92	3187.00
						80.0	399.43	-0.02	172.57	0.14	0.0	-2.29
101	21	1.549e+05	2.571e+04	-0.37	-0.68	0.0	-143.78	180.63	-321.33	-7209.19	2.571e+04	1.549e+05
		4.82	0.0	-3.16e-03		40.0	-143.78	122.17	-321.33	-3604.04	1.285e+04	3.926e+04
						80.0	-143.78	0.54	-321.33	-0.39	0.0	4.82
101	24	-1.96	0.0	0.37	-0.17	0.0	139.03	-3818.84	324.55	6802.46	-2.596e+04	-8924.72
		-8924.72	-2.596e+04	3.71e-03		40.0	139.03	-1949.94	324.55	3400.71	-1.298e+04	-2656.51
						80.0	139.03	-0.08	324.55	0.37	0.0	-1.96
101	37	1.054e+05	7504.02	-0.08	-0.48	0.0	-233.58	-1036.49	-93.80	-1997.45	7504.02	1.054e+05
		2.68	0.0	-1.78e-03		40.0	-233.58	-501.49	-93.80	-998.54	3752.01	2.669e+04
						80.0	-233.58	0.35	-93.80	-0.10	0.0	2.68
101	40	4.057e+04	0.0	0.07	-0.27	0.0	228.83	-2601.73	97.02	1590.72	-7761.79	4.057e+04
		0.17	-7761.79	2.33e-03		40.0	228.83	-1326.28	97.02	795.21	-3880.89	9915.84
						80.0	228.83	0.11	97.02	0.08	0.0	0.17
101	53	1.171e+05	1.419e+04	-0.20	-0.53	0.0	-83.74	-742.26	-177.35	-3946.24	1.419e+04	1.171e+05
		2.97	0.0	-1.65e-03		40.0	-83.74	-355.82	-177.35	-1972.79	7093.90	2.959e+04
						80.0	-83.74	0.39	-177.35	-0.19	0.0	2.97
101	56	2.887e+04	0.0	0.19	-0.25	0.0	79.00	-2895.95	180.57	3539.51	-1.445e+04	2.887e+04
		-0.12	-1.445e+04	2.20e-03		40.0	79.00	-1471.95	180.57	1769.46	-7222.79	7012.66
						80.0	79.00	0.07	180.57	0.17	0.0	-0.12
101	60	3.155e+04	0.0	0.20	-0.26	0.0	35.04	-2830.90	158.91	3469.53	-1.271e+04	3.155e+04
		-0.18	-1.271e+04	9.98e-04		40.0	35.04	-1438.07	158.91	1734.48	-6356.28	7699.11
						80.0	35.04	0.08	158.91	0.16	0.0	-0.18
101	69	6.986e+04	0.0	-3.46e-03	-0.35	0.0	-2.34	-1741.14	1.51	-188.66	-121.01	6.986e+04
		1.30	-121.01	2.39e-04		40.0	-2.34	-874.58	1.51	-94.32	-60.50	1.752e+04
						80.0	-2.34	0.22	1.51	-8.17e-03	0.0	1.30
101	70	8.031e+04	0.0	-4.37e-03	-0.38	0.0	-2.44	-2001.03	1.84	-237.67	-147.26	8.031e+04
		1.71	-147.26	3.59e-04		40.0	-2.44	-1005.60	1.84	-118.82	-73.63	2.014e+04
						80.0	-2.44	0.26	1.84	-9.81e-03	0.0	1.71
101	71	6.986e+04	0.0	-3.46e-03	-0.35	0.0	-2.34	-1741.14	1.51	-188.66	-121.01	6.986e+04
		1.30	-121.01	2.39e-04		40.0	-2.34	-874.58	1.51	-94.32	-60.50	1.752e+04
						80.0	-2.34	0.22	1.51	-8.17e-03	0.0	1.30
101	72	7.508e+04	0.0	-3.92e-03	-0.36	0.0	-2.39	-1871.09	1.68	-213.17	-134.14	7.508e+04
		1.51	-134.14	2.99e-04		40.0	-2.39	-940.09	1.68	-106.57	-67.07	1.883e+04
						80.0	-2.39	0.24	1.68	-8.99e-03	0.0	1.51
101	73	6.986e+04	0.0	-3.46e-03	-0.35	0.0	-2.34	-1741.14	1.51	-188.66	-121.01	6.986e+04
		1.30	-121.01	2.39e-04		40.0	-2.34	-874.58	1.51	-94.32	-60.50	1.752e+04
						80.0	-2.34	0.22	1.51	-8.17e-03	0.0	1.30
101	74	7.299e+04	0.0	-3.73e-03	-0.36	0.0	-2.37	-1819.11	1.61	-203.36	-128.89	7.299e+04
		1.43	-128.89	2.75e-04		40.0	-2.37	-913.88	1.61	-101.67	-64.44	1.830e+04
						80.0	-2.37	0.23	1.61	-8.66e-03	0.0	1.43
102	2	1.047e+05	0.0	-5.39e-03	-0.49	0.0	-2.86	-0.34	-1.83	1.76e-04	0.0	2.56
		2.56	-146.20	-4.66e-04		40.0	-2.86	1311.00	-1.83	111.16	-73.10	2.626e+04
						80.0	-2.86	2609.51	-1.83	222.37	-146.20	1.047e+05
102	3	6.842e+04	0.0	-3.05e-03	-0.34	0.0	-2.11	-0.22	-0.99	-2.33e-03	0.0	1.35
		1.35	-79.01	-2.20e-04		40.0	-2.11	856.45	-0.99	54.60	-39.50	1.715e+04
						80.0	-2.11	1705.87	-0.99	109.22	-79.01	6.842e+04
102	6	9.245e+04	1.03e-06	-0.10	-0.42	0.0	399.39	-0.17	-143.62	-0.04	1.03e-06	1.89
		1.89	-1.149e+04	-3.03e-03		40.0	399.39	1164.67	-143.62	187.78	-5744.99	2.347e+04
						80.0	399.39	2275.55	-143.62	375.69	-1.149e+04	9.245e+04
102	7	5.069e+04	1.131e+04	0.10	-0.32	0.0	-403.66	-0.29	141.43	0.04	-1.08e-06	1.13
		1.13	-1.08e-06	2.51e-03		40.0	-403.66	627.28	141.43	-62.52	5657.28	1.242e+04
						80.0	-403.66	1292.94	141.43	-125.10	1.131e+04	5.069e+04
102	29	1.525e+05	2.205e+04	-0.42	-0.67	0.0	95.70	0.07	275.64	-0.28	0.0	5.01
		5.01	0.0	1.53e-03		40.0	95.70	1919.40	275.64	-3257.12	1.103e+04	3.865e+04
						80.0	95.70	3759.35	275.64	-6515.32	2.205e+04	1.525e+05
102	30	1.344e+04	0.0	0.30	-0.22	0.0	137.14	-0.45	-327.70	0.24	0.0	-1.04
		-1.04	-2.622e+04	-3.55e-03		40.0	137.14	163.26	-327.70	2972.24	-1.311e+04	3168.85
						80.0	137.14	355.04	-327.70	5945.47	-2.622e+04	1.344e+04
102	31	1.297e+05	2.604e+04	-0.30	-0.59	0.0	-141.40	-9.04e-03	325.51	-0.25	0.0	4.06
		4.06	0.0	3.04e-03		40.0	-141.40	1628.69	325.51	-2846.98	1.302e+04	3.272e+04
						80.0	-141.40	3213.45	325.51	-5694.89	2.604e+04	1.297e+05
102	32	-1.99	0.0	0.42	-0.16	0.0	-99.96	-0.53	-277.83	0.27	0.0	-1.99
		-9342.93	-2.223e+04	-2.05e-03		40.0	-99.96	-127.45	-277.83	3382.39	-1.111e+04	-2763.32
						80.0	-99.96	-190.86	-277.83	6765.90	-2.223e+04	-9342.93
102	42	8.201e+04	0.0	-0.05	-0.39	0.0	228.84	-0.18	-98.14	0.01	0.0	2.43
		2.43	-7851.14	-1.95e-03		40.0	228.84	1030.60	-98.14	160.70	-3925.57	2.072e+04
						80.0	228.84	2028.38	-98.14	321.46	-7851.14	8.201e+04
102	43	6.114e+04	7675.73	0.05	-0.33	0.0	-233.10	-0.28	95.95	-0.01	0.0	0.59
		0.59	0.0	1.43e-03		40.0	-233.10	761.35	95.95	-35.44	3837.86	1.517e+04
						80.0	-233.10	1540.11	95.95	-70.87	7675.73	6.114e+04

102	61	1.151e+05	1.210e+04	-0.22	-0.52	0.0	54.14	-0.04	151.24	-0.12	0.0	4.69
		4.69	0.0	8.49e-04		40.0	54.14	1446.16	151.24	-1705.19	6049.73	2.907e+04
						80.0	54.14	2845.75	151.24	-3410.97	1.210e+04	1.151e+05
102	62	4.100e+04	0.0	0.16	-0.28	0.0	78.03	-0.36	-181.70	0.10	0.0	-0.64
		-0.64	-1.454e+04	-2.11e-03		40.0	78.03	510.75	-181.70	1592.51	-7267.88	1.018e+04
						80.0	78.03	1032.42	-181.70	3185.56	-1.454e+04	4.100e+04
102	63	1.021e+05	1.436e+04	-0.16	-0.47	0.0	-82.29	-0.10	179.50	-0.11	0.0	3.66
		3.66	0.0	1.60e-03		40.0	-82.29	1281.20	179.50	-1467.24	7180.18	2.571e+04
						80.0	-82.29	2536.07	179.50	-2934.98	1.436e+04	1.021e+05
102	64	2.808e+04	0.0	0.22	-0.25	0.0	-58.41	-0.42	-153.44	0.12	0.0	-1.67
		-1.67	-1.227e+04	-1.36e-03		40.0	-58.41	345.79	-153.44	1830.46	-6137.44	6809.58
						80.0	-58.41	722.74	-153.44	3661.55	-1.227e+04	2.808e+04
102	69	6.842e+04	0.0	-3.05e-03	-0.34	0.0	-2.11	-0.22	-0.99	-2.33e-03	0.0	1.35
		1.35	-79.01	-2.20e-04		40.0	-2.11	856.45	-0.99	54.60	-39.50	1.715e+04
						80.0	-2.11	1705.87	-0.99	109.22	-79.01	6.842e+04
102	70	7.893e+04	0.0	-4.00e-03	-0.37	0.0	-2.19	-0.26	-1.35	-1.93e-04	0.0	1.89
		1.89	-108.00	-3.40e-04		40.0	-2.19	988.19	-1.35	81.39	-54.00	1.979e+04
						80.0	-2.19	1967.12	-1.35	162.81	-108.00	7.893e+04
102	71	6.842e+04	0.0	-3.05e-03	-0.34	0.0	-2.11	-0.22	-0.99	-2.33e-03	0.0	1.35
		1.35	-79.01	-2.20e-04		40.0	-2.11	856.45	-0.99	54.60	-39.50	1.715e+04
						80.0	-2.11	1705.87	-0.99	109.22	-79.01	6.842e+04
102	72	7.368e+04	0.0	-3.52e-03	-0.36	0.0	-2.15	-0.24	-1.17	-1.26e-03	0.0	1.62
		1.62	-93.50	-2.80e-04		40.0	-2.15	922.32	-1.17	67.99	-46.75	1.847e+04
						80.0	-2.15	1836.50	-1.17	136.01	-93.50	7.368e+04
102	73	6.842e+04	0.0	-3.05e-03	-0.34	0.0	-2.11	-0.22	-0.99	-2.33e-03	0.0	1.35
		1.35	-79.01	-2.20e-04		40.0	-2.11	856.45	-0.99	54.60	-39.50	1.715e+04
						80.0	-2.11	1705.87	-0.99	109.22	-79.01	6.842e+04
102	74	7.157e+04	0.0	-3.33e-03	-0.35	0.0	-2.13	-0.23	-1.10	-1.69e-03	0.0	1.51
		1.51	-87.71	-2.56e-04		40.0	-2.13	895.97	-1.10	62.63	-43.85	1.794e+04
						80.0	-2.13	1784.25	-1.10	125.29	-87.71	7.157e+04
103	1	9.230e+04	70.51	4.85e-03	-0.46	0.0	-3.24	-2300.09	-0.88	584.26	70.51	9.230e+04
		-0.19	0.0	-3.17e-04		40.0	-3.24	-1155.71	-0.88	292.08	35.26	2.315e+04
						80.0	-3.24	0.24	-0.88	0.02	0.0	-0.19
103	2	1.084e+05	93.69	6.28e-03	-0.51	0.0	-3.69	-2701.33	-1.17	739.61	93.69	1.084e+05
		0.54	0.0	-4.89e-04		40.0	-3.69	-1358.00	-1.17	369.74	46.85	2.720e+04
						80.0	-3.69	0.30	-1.17	0.02	0.0	0.54
103	3	7.100e+04	54.24	3.73e-03	-0.35	0.0	-2.50	-1769.30	-0.68	449.43	54.24	7.100e+04
		-0.15	0.0	-2.44e-04		40.0	-2.50	-889.01	-0.68	224.68	27.12	1.781e+04
						80.0	-2.50	0.19	-0.68	0.02	0.0	-0.15
103	18	8.449e+04	0.0	0.04	-0.40	0.0	-325.20	-1615.63	112.83	1165.68	-9026.16	8.449e+04
		-0.74	-9026.16	5.46e-03		40.0	-325.20	-795.53	112.83	582.76	-4513.08	2.141e+04
						80.0	-325.20	0.20	112.83	0.08	0.0	-0.74
103	19	6.397e+04	9143.91	-0.03	-0.34	0.0	320.02	-2083.47	-114.30	-204.68	9143.91	6.397e+04
		0.74	0.0	-6.01e-03		40.0	320.02	-1063.40	-114.30	-102.34	4571.96	1.583e+04
						80.0	320.02	0.19	-114.30	-0.05	0.0	0.74
103	21	1.410e+05	2.642e+04	0.03	-0.62	0.0	-15.51	-218.64	-330.27	-4717.51	2.642e+04	1.410e+05
		2.09	0.0	-4.72e-03		40.0	-15.51	-86.16	-330.27	-2358.22	1.321e+04	3.567e+04
						80.0	-15.51	0.41	-330.27	-0.13	0.0	2.09
103	24	7509.59	0.0	-0.02	-0.20	0.0	10.34	-3480.46	328.80	5678.52	-2.630e+04	7509.59
		-2.09	-2.630e+04	4.16e-03		40.0	10.34	-1772.77	328.80	2838.64	-1.315e+04	1567.63
						80.0	10.34	-0.02	328.80	0.16	0.0	-2.09
103	25	1.441e+05	2.316e+04	0.04	-0.63	0.0	-67.64	-144.35	-289.49	-4707.59	2.316e+04	1.441e+05
		2.07	0.0	-2.38e-03		40.0	-67.64	-45.62	-289.49	-2353.26	1.158e+04	3.650e+04
						80.0	-67.64	0.42	-289.49	-0.12	0.0	2.07
103	32	1.866e+04	0.0	-0.02	-0.23	0.0	4.09	-3207.73	222.77	5025.73	-1.782e+04	1.866e+04
		-3.71	-1.782e+04	2.33e-03		40.0	4.09	-1631.83	222.77	2512.50	-8910.91	4414.91
						80.0	4.09	-0.04	222.77	0.30	0.0	-3.71
103	50	8.083e+04	0.0	0.02	-0.38	0.0	-188.43	-1697.87	63.18	819.27	-5054.70	8.083e+04
		0.12	-5054.70	3.01e-03		40.0	-188.43	-843.56	63.18	409.57	-2527.35	2.040e+04
						80.0	-188.43	0.22	63.18	0.05	0.0	0.12
103	51	6.763e+04	5172.45	-0.02	-0.35	0.0	183.26	-2001.23	-64.66	141.74	5172.45	6.763e+04
		-0.12	0.0	-3.57e-03		40.0	183.26	-1015.37	-64.66	70.85	2586.22	1.683e+04
						80.0	183.26	0.18	-64.66	-0.02	0.0	-0.12
103	53	1.100e+05	1.464e+04	0.02	-0.50	0.0	-10.58	-975.22	-183.01	-2274.97	1.464e+04	1.100e+05
		0.65	0.0	-2.68e-03		40.0	-10.58	-477.29	-183.01	-1137.28	7320.44	2.776e+04
						80.0	-10.58	0.31	-183.01	-0.06	0.0	0.65
103	56	3.846e+04	0.0	-0.01	-0.27	0.0	5.41	-2723.88	181.54	3235.98	-1.452e+04	3.846e+04
		-0.65	-1.452e+04	2.12e-03		40.0	5.41	-1381.64	181.54	1617.70	-7261.56	9474.67
						80.0	5.41	0.09	181.54	0.09	0.0	-0.65
103	57	1.118e+05	1.276e+04	0.02	-0.51	0.0	-40.63	-932.70	-159.44	-2274.40	1.276e+04	1.118e+05
		0.61	0.0	-1.30e-03		40.0	-40.63	-454.10	-159.44	-1136.99	6377.76	2.824e+04
						80.0	-40.63	0.31	-159.44	-0.06	0.0	0.61
103	64	4.438e+04	0.0	-7.43e-03	-0.28	0.0	2.08	-2579.10	123.11	2893.57	-9848.82	4.438e+04
		-2.00	-9848.82	1.05e-03		40.0	2.08	-1306.83	123.11	1446.56	-4924.41	1.099e+04
						80.0	2.08	0.07	123.11	0.15	0.0	-2.00
103	69	7.100e+04	54.24	3.73e-03	-0.35	0.0	-2.50	-1769.30	-0.68	449.43	54.24	7.100e+04
		-0.15	0.0	-2.44e-04		40.0	-2.50	-889.01	-0.68	224.68	27.12	1.781e+04

					80.0	-2.50	0.19	-0.68	0.02	0.0	-0.15
103	70	8.176e+04	69.69	4.69e-03	-0.39	0.0	-2.79	-2036.79	-0.87	553.00	69.69 8.176e+04
		0.34	0.0	-3.59e-04		40.0	-2.79	-1023.87	-0.87	276.45	34.85 2.051e+04
						80.0	-2.79	0.23	-0.87	0.02	0.0 0.34
103	71	7.100e+04	54.24	3.73e-03	-0.35	0.0	-2.50	-1769.30	-0.68	449.43	54.24 7.100e+04
		-0.15	0.0	-2.44e-04		40.0	-2.50	-889.01	-0.68	224.68	27.12 1.781e+04
						80.0	-2.50	0.19	-0.68	0.02	0.0 -0.15
103	72	7.638e+04	61.97	4.21e-03	-0.37	0.0	-2.65	-1903.05	-0.77	501.22	61.97 7.638e+04
		0.10	0.0	-3.01e-04		40.0	-2.65	-956.44	-0.77	250.56	30.98 1.916e+04
						80.0	-2.65	0.21	-0.77	0.02	0.0 0.10
103	73	7.100e+04	54.24	3.73e-03	-0.35	0.0	-2.50	-1769.30	-0.68	449.43	54.24 7.100e+04
		-0.15	0.0	-2.44e-04		40.0	-2.50	-889.01	-0.68	224.68	27.12 1.781e+04
						80.0	-2.50	0.19	-0.68	0.02	0.0 -0.15
103	74	7.423e+04	58.87	4.02e-03	-0.36	0.0	-2.59	-1849.55	-0.74	480.50	58.87 7.423e+04
		-7.81e-04	0.0	-2.78e-04		40.0	-2.59	-929.46	-0.74	240.21	29.44 1.862e+04
						80.0	-2.59	0.20	-0.74	0.02	0.0 -7.81e-04
104	1	1.172e+05	0.0	-5.88e-03	-0.46	0.0	0.44	-2593.24	2.04	-594.70	-183.85 1.172e+05
		7.29	-183.85	-3.57e-04		45.0	0.44	-1304.26	2.04	-297.28	-91.93 2.940e+04
						90.0	0.44	0.44	2.04	-7.47e-03	0.0 7.29
104	2	1.376e+05	0.0	-7.50e-03	-0.51	0.0	0.88	-3045.74	1.68	-764.04	-150.97 1.376e+05
		8.30	-150.97	-5.51e-04		45.0	0.88	-1532.65	1.68	-381.93	-75.48 3.455e+04
						90.0	0.88	0.51	1.68	-0.01	0.0 8.30
104	3	9.012e+04	0.0	-4.52e-03	-0.35	0.0	0.34	-1994.80	1.57	-457.46	-141.42 9.012e+04
		5.60	-141.42	-2.75e-04		45.0	0.34	-1003.27	1.57	-228.67	-70.71 2.262e+04
						90.0	0.34	0.34	1.57	-5.75e-03	0.0 5.60
104	18	9.719e+04	0.0	0.03	-0.39	0.0	102.36	-1989.47	362.92	-2100.97	-3.266e+04 9.719e+04
		6.07	-3.266e+04	-6.62e-04		45.0	102.36	-1023.39	362.92	-1050.26	-1.633e+04 2.406e+04
						90.0	102.36	0.37	362.92	-0.11	0.0 6.07
104	19	9.125e+04	3.239e+04	-0.04	-0.37	0.0	-101.51	-2181.13	-359.93	1118.31	3.239e+04 9.125e+04
		5.54	0.0	3.53e-05		45.0	-101.51	-1074.51	-359.93	559.06	1.620e+04 2.324e+04
						90.0	-101.51	0.34	-359.93	0.09	0.0 5.54
104	21	1.892e+05	475.72	0.06	-0.64	0.0	-350.26	-75.09	-5.29	-3169.05	475.72 1.892e+05
		10.26	0.0	-5.05e-03		45.0	-350.26	31.51	-5.29	-1584.14	237.86 4.852e+04
						90.0	-350.26	0.68	-5.29	-0.06	0.0 10.26
104	24	1.36	0.0	-0.05	-0.18	0.0	351.11	-4095.51	8.28	2186.40	-745.42 -761.22
		-1594.26	-745.42	4.43e-03		45.0	351.11	-2129.42	8.28	1092.93	-372.71 -1226.97
						90.0	351.11	0.02	8.28	0.04	0.0 1.36
104	25	1.919e+05	0.0	0.06	-0.65	0.0	-314.92	-12.77	56.22	-3475.68	-5059.62 1.919e+05
		10.41	-5059.62	-4.42e-03		45.0	-314.92	61.11	56.22	-1737.42	-2529.81 4.917e+04
						90.0	-314.92	0.69	56.22	-0.07	0.0 10.41
104	28	1.21	4789.93	-0.06	-0.17	0.0	315.77	-4157.83	-53.22	2493.02	4789.93 -3472.76
		-3497.26	0.0	3.79e-03		45.0	315.77	-2159.02	-53.22	1246.21	2394.97 -1880.97
						90.0	315.77	0.01	-53.22	0.06	0.0 1.21
104	50	9.694e+04	0.0	0.01	-0.38	0.0	57.51	-2008.78	209.44	-1445.59	-1.885e+04 9.694e+04
		5.92	-1.885e+04	-5.72e-04		45.0	57.51	-1022.69	209.44	-722.62	-9425.00 2.415e+04
						90.0	57.51	0.36	209.44	-0.04	0.0 5.92
104	51	9.150e+04	1.858e+04	-0.02	-0.36	0.0	-56.66	-2161.83	-206.45	462.93	1.858e+04 9.150e+04
		5.70	0.0	-5.49e-05		45.0	-56.66	-1075.22	-206.45	231.41	9290.16 2.314e+04
						90.0	-56.66	0.35	-206.45	0.02	0.0 5.70
104	53	1.450e+05	75.47	0.04	-0.51	0.0	-193.79	-1010.34	-0.84	-1933.94	75.47 1.450e+05
		8.75	0.0	-2.83e-03		45.0	-193.79	-471.65	-0.84	-966.77	37.74 3.693e+04
						90.0	-193.79	0.54	-0.84	-0.10	0.0 8.75
104	56	4.346e+04	0.0	-0.03	-0.26	0.0	194.64	-3160.27	3.84	951.28	-345.17 4.346e+04
		2.87	-345.17	2.20e-03		45.0	194.64	-1626.25	3.84	475.56	-172.58 1.036e+04
						90.0	194.64	0.16	3.84	0.09	0.0 2.87
104	57	1.465e+05	0.0	0.04	-0.51	0.0	-173.51	-974.37	34.63	-2109.22	-3116.32 1.465e+05
		8.85	-3116.32	-2.47e-03		45.0	-173.51	-454.50	34.63	-1054.39	-1558.16 3.731e+04
						90.0	-173.51	0.55	34.63	-0.10	0.0 8.85
104	60	4.189e+04	2846.63	-0.03	-0.26	0.0	174.36	-3196.23	-31.63	1126.56	2846.63 4.189e+04
		2.76	0.0	1.84e-03		45.0	174.36	-1643.41	-31.63	563.18	1423.31 9979.85
						90.0	174.36	0.16	-31.63	0.09	0.0 2.76
104	69	9.012e+04	0.0	-4.52e-03	-0.35	0.0	0.34	-1994.80	1.57	-457.46	-141.42 9.012e+04
		5.60	-141.42	-2.75e-04		45.0	0.34	-1003.27	1.57	-228.67	-70.71 2.262e+04
						90.0	0.34	0.34	1.57	-5.75e-03	0.0 5.60
104	70	1.038e+05	0.0	-5.60e-03	-0.39	0.0	0.63	-2296.47	1.33	-570.35	-119.50 1.038e+05
		6.28	-119.50	-4.04e-04		45.0	0.63	-1155.54	1.33	-285.11	-59.75 2.605e+04
						90.0	0.63	0.39	1.33	-9.71e-03	0.0 6.28
104	71	9.012e+04	0.0	-4.52e-03	-0.35	0.0	0.34	-1994.80	1.57	-457.46	-141.42 9.012e+04
		5.60	-141.42	-2.75e-04		45.0	0.34	-1003.27	1.57	-228.67	-70.71 2.262e+04
						90.0	0.34	0.34	1.57	-5.75e-03	0.0 5.60
104	72	9.695e+04	0.0	-5.06e-03	-0.37	0.0	0.48	-2145.63	1.45	-513.91	-130.46 9.695e+04
		5.94	-130.46	-3.39e-04		45.0	0.48	-1079.40	1.45	-256.89	-65.23 2.433e+04
						90.0	0.48	0.36	1.45	-7.73e-03	0.0 5.94
104	73	9.012e+04	0.0	-4.52e-03	-0.35	0.0	0.34	-1994.80	1.57	-457.46	-141.42 9.012e+04
		5.60	-141.42	-2.75e-04		45.0	0.34	-1003.27	1.57	-228.67	-70.71 2.262e+04
						90.0	0.34	0.34	1.57	-5.75e-03	0.0 5.60
104	74	9.422e+04	0.0	-4.85e-03	-0.36	0.0	0.42	-2085.30	1.50	-491.33	-134.85 9.422e+04

		5.81	-134.85	-3.14e-04		45.0	0.42	-1048.95	1.50	-245.60	-67.42	2.365e+04
						90.0	0.42	0.35	1.50	-6.94e-03	0.0	5.81
327	1	2.700e+04	181.60	-0.01	-0.46	0.0	-206.73	-467.34	105.12	1.163e+05	-8716.97	-3.483e+04
		-3.864e+04	-8716.97	4.92e-04		42.3	-206.73	734.90	105.12	1.156e+05	-4267.69	-2.907e+04
						84.6	-206.73	1910.67	105.12	1.150e+05	181.60	2.700e+04
327	2	5.645e+04	1.575e+04	-0.01	-0.51	0.0	-4.90	-388.01	162.10	1.318e+05	2028.05	-2.858e+04
		-3.082e+04	2028.05	6.66e-04		42.3	-4.90	1009.43	162.10	1.309e+05	8888.58	-1.532e+04
						84.6	-4.90	2377.00	162.10	1.302e+05	1.575e+04	5.645e+04
327	4	5.022e+04	1.571e+04	-9.38e-03	-0.40	0.0	42.81	-280.16	137.84	1.049e+05	4039.66	-2.054e+04
		-2.201e+04	4039.66	5.53e-04		42.3	42.81	839.83	137.84	1.042e+05	9873.43	-8610.25
						84.6	42.81	1936.08	137.84	1.036e+05	1.571e+04	5.022e+04
327	18	-2.035e+05	-3.563e+05	-0.19	-0.43	0.0	4997.07	-1925.17	-3766.48	-1.624e+05	-3.563e+05	-2.035e+05
		-3.000e+05	-6.616e+05	-4.82e-03		42.3	4997.07	-600.53	-3766.48	-1.613e+05	-5.090e+05	-2.718e+05
						84.6	4997.07	863.79	-3766.48	-1.604e+05	-6.616e+05	-3.000e+05
327	19	3.534e+05	6.681e+05	0.17	-0.34	0.0	-5234.39	1237.92	3950.99	3.475e+05	3.472e+05	1.525e+05
		1.525e+05	3.472e+05	5.65e-03		42.3	-5234.39	1840.96	3950.99	3.453e+05	5.077e+05	2.326e+05
						84.6	-5234.39	2262.24	3950.99	3.433e+05	6.681e+05	3.534e+05
327	29	1.432e+06	3.636e+05	-0.09	-0.61	0.0	-2.308e+04	6085.52	1487.73	-2.698e+05	2.625e+05	9.347e+05
		9.347e+05	2.625e+05	-2.92e-03		42.3	-2.308e+04	6523.48	1487.73	-2.711e+05	3.130e+05	1.176e+06
						84.6	-2.308e+04	6835.48	1487.73	-2.726e+05	3.636e+05	1.432e+06
327	32	-9.858e+05	-2.716e+05	0.11	-0.21	0.0	2.284e+04	-6772.77	-1303.21	4.550e+05	-2.716e+05	-9.858e+05
		-1.379e+06	-3.571e+05	3.74e-03		42.3	2.284e+04	-5283.05	-1303.21	4.552e+05	-3.143e+05	-1.215e+06
						84.6	2.284e+04	-3709.45	-1303.21	4.556e+05	-3.571e+05	-1.379e+06
327	50	-1.153e+05	-2.070e+05	-0.11	-0.40	0.0	2548.34	-1169.52	-2130.82	-5.798e+04	-2.070e+05	-1.153e+05
		-1.510e+05	-3.799e+05	-2.59e-03		42.3	2548.34	-5.80	-2130.82	-5.763e+04	-2.934e+05	-1.485e+05
						84.6	2548.34	1225.78	-2130.82	-5.731e+04	-3.799e+05	-1.421e+05
327	51	1.955e+05	3.864e+05	0.09	-0.34	0.0	-2785.65	482.27	2315.33	2.431e+05	1.979e+05	6.426e+04
		6.426e+04	1.979e+05	3.41e-03		42.3	-2785.65	1246.23	2315.33	2.416e+05	2.921e+05	1.092e+05
						84.6	-2785.65	1900.25	2315.33	2.403e+05	3.864e+05	1.955e+05
327	61	7.690e+05	2.102e+05	-0.05	-0.49	0.0	-1.237e+04	3060.07	889.94	-1.032e+05	1.480e+05	4.851e+05
		4.851e+05	1.480e+05	-1.56e-03		42.3	-1.237e+04	3756.16	889.94	-1.041e+05	1.791e+05	6.132e+05
						84.6	-1.237e+04	4381.45	889.94	-1.051e+05	2.102e+05	7.690e+05
327	64	-5.361e+05	-1.571e+05	0.06	-0.27	0.0	1.213e+04	-3747.32	-705.42	2.883e+05	-1.571e+05	-5.361e+05
		-7.157e+05	-2.037e+05	2.39e-03		42.3	1.213e+04	-2515.73	-705.42	2.881e+05	-1.804e+05	-6.525e+05
						84.6	1.213e+04	-1255.43	-705.42	2.881e+05	-2.037e+05	-7.157e+05
327	69	2.077e+04	139.69	-8.04e-03	-0.35	0.0	-159.03	-359.49	80.86	8.948e+04	-6705.36	-2.679e+04
		-2.972e+04	-6705.36	3.79e-04		42.3	-159.03	565.31	80.86	8.894e+04	-3282.84	-2.237e+04
						84.6	-159.03	1469.75	80.86	8.844e+04	139.69	2.077e+04
327	70	4.040e+04	1.052e+04	-8.94e-03	-0.39	0.0	-24.47	-306.60	118.85	9.977e+04	457.98	-2.262e+04
		-2.446e+04	457.98	4.95e-04		42.3	-24.47	748.33	118.85	9.914e+04	5488.01	-1.320e+04
						84.6	-24.47	1780.63	118.85	9.856e+04	1.052e+04	4.040e+04
327	71	2.077e+04	139.69	-8.04e-03	-0.35	0.0	-159.03	-359.49	80.86	8.948e+04	-6705.36	-2.679e+04
		-2.972e+04	-6705.36	3.79e-04		42.3	-159.03	565.31	80.86	8.894e+04	-3282.84	-2.237e+04
						84.6	-159.03	1469.75	80.86	8.844e+04	139.69	2.077e+04
327	72	3.059e+04	5328.86	-8.49e-03	-0.37	0.0	-91.75	-333.05	99.86	9.462e+04	-3123.69	-2.471e+04
		-2.702e+04	-3123.69	4.37e-04		42.3	-91.75	656.82	99.86	9.404e+04	1102.59	-1.778e+04
						84.6	-91.75	1625.19	99.86	9.350e+04	5328.86	3.059e+04
327	73	2.077e+04	139.69	-8.04e-03	-0.35	0.0	-159.03	-359.49	80.86	8.948e+04	-6705.36	-2.679e+04
		-2.972e+04	-6705.36	3.79e-04		42.3	-159.03	565.31	80.86	8.894e+04	-3282.84	-2.237e+04
						84.6	-159.03	1469.75	80.86	8.844e+04	139.69	2.077e+04
327	74	2.666e+04	3253.19	-8.31e-03	-0.36	0.0	-118.66	-343.63	92.26	9.257e+04	-4556.36	-2.554e+04
		-2.810e+04	-4556.36	4.13e-04		42.3	-118.66	620.21	92.26	9.200e+04	-651.58	-1.961e+04
						84.6	-118.66	1563.01	92.26	9.148e+04	3253.19	2.666e+04
328	2	5.383e+05	5.210e+04	0.01	-0.55	0.0	2174.30	2070.92	154.83	-3.001e+04	2.886e+04	-1.745e+05
		-1.745e+05	2.886e+04	1.95e-04		75.0	2174.30	4740.51	154.83	-3.208e+04	4.048e+04	8.060e+04
						150.1	2174.30	7467.63	154.83	-3.420e+04	5.210e+04	5.383e+05
328	3	3.563e+05	3.595e+04	7.25e-03	-0.38	0.0	1549.25	1319.69	107.07	-1.866e+04	1.989e+04	-1.101e+05
		-1.101e+05	1.989e+04	1.50e-04		75.0	1549.25	3102.26	107.07	-2.002e+04	2.792e+04	5.557e+04
						150.1	1549.25	4920.35	107.07	-2.141e+04	3.595e+04	3.563e+05
328	18	4.765e+04	-3.130e+05	-0.17	-0.52	0.0	4332.79	97.33	-745.26	-3.593e+05	-3.130e+05	-2.204e+05
		-2.223e+05	-4.065e+05	-8.00e-03		75.0	4332.79	2510.42	-745.26	-3.562e+05	-3.597e+05	-1.838e+05
						150.1	4332.79	5058.38	-745.26	-3.535e+05	-4.065e+05	4.765e+04
328	19	6.950e+05	4.805e+05	0.17	-0.31	0.0	-1170.17	2684.18	965.65	3.197e+05	3.539e+05	-1.237e+04
		-1.237e+04	3.539e+05	8.30e-03		75.0	-1170.17	3977.13	965.65	3.137e+05	4.172e+05	2.983e+05
						150.1	-1170.17	5210.80	965.65	3.082e+05	4.805e+05	6.950e+05
328	29	1.910e+06	1.217e+05	-0.09	-0.46	0.0	-1.749e+04	7143.17	694.38	-1.539e+05	-2558.81	5.349e+05
		5.349e+05	-2558.81	-4.11e-03		75.0	-1.749e+04	9374.99	694.38	-1.544e+05	5.960e+04	1.138e+06
						150.1	-1.749e+04	1.158e+04	694.38	-1.552e+05	1.217e+05	1.910e+06
328	32	-7.676e+05	4.354e+04	0.09	-0.35	0.0	2.066e+04	-4361.66	-474.00	1.142e+05	4.354e+04	-7.676e+05
		-1.167e+06	-4.770e+04	4.41e-03		75.0	2.066e+04	-2887.44	-474.00	1.120e+05	-2083.91	-1.024e+06
						150.1	2.066e+04	-1313.19	-474.00	1.099e+05	-4.770e+04	-1.167e+06
328	50	2.035e+05	-1.715e+05	-0.10	-0.46	0.0	2952.76	720.09	-375.26	-2.158e+05	-1.715e+05	-1.688e+05
		-1.688e+05	-2.173e+05	-4.56e-03		75.0	2952.76	2902.08	-375.26	-2.146e+05	-1.944e+05	-6.868e+04
						150.1	2952.76	5175.26	-375.26	-2.137e+05	-2.173e+05	2.035e+05
328	51	5.392e+05	2.913e+05	0.10	-0.33	0.0	209.86	2061.42	595.65	1.762e+05	2.124e+05	-6.395e+04
		-6.395e+04	2.124e+05	4.86e-03		75.0	209.86	3585.47	595.65	1.721e+05	2.519e+05	1.832e+05
						150.1	209.86	5093.91	595.65	1.683e+05	2.913e+05	5.392e+05

328	61	1.189e+06	8.117e+04	-0.05	-0.42	0.0	-8624.48	4433.10	419.85	-9.630e+04	6276.43	2.340e+05
		2.340e+05	6276.43	-2.26e-03		75.0	-8624.48	6486.97	419.85	-9.721e+04	4.372e+04	6.338e+05
						150.1	-8624.48	8550.18	419.85	-9.826e+04	8.117e+04	1.189e+06
328	64	-4.462e+05	3.470e+04	0.05	-0.37	0.0	1.179e+04	-1651.59	-199.46	5.668e+04	3.470e+04	-4.668e+05
		-5.195e+05	-7122.36	2.56e-03		75.0	1.179e+04	0.58	-199.46	5.475e+04	1.379e+04	-5.193e+05
						150.1	1.179e+04	1719.00	-199.46	5.290e+04	-7122.36	-4.462e+05
328	65	1.178e+06	7.725e+04	-0.06	-0.43	0.0	-8626.82	4402.55	455.82	-9.437e+04	9657.29	2.251e+05
		2.251e+05	9657.29	-2.11e-03		75.0	-8626.82	6537.71	455.82	-9.505e+04	4.346e+04	6.185e+05
						150.1	-8626.82	8664.03	455.82	-9.587e+04	7.725e+04	1.178e+06
328	68	-4.350e+05	3.132e+04	0.06	-0.36	0.0	1.179e+04	-1621.04	-235.43	5.474e+04	3.132e+04	-4.578e+05
		-5.048e+05	-3207.57	2.41e-03		75.0	1.179e+04	-50.16	-235.43	5.259e+04	1.406e+04	-5.040e+05
						150.1	1.179e+04	1605.15	-235.43	5.051e+04	-3207.57	-4.350e+05
328	69	3.563e+05	3.595e+04	7.25e-03	-0.38	0.0	1549.25	1319.69	107.07	-1.866e+04	1.989e+04	-1.101e+05
		-1.101e+05	1.989e+04	1.50e-04		75.0	1549.25	3102.26	107.07	-2.002e+04	2.792e+04	5.557e+04
						150.1	1549.25	4920.35	107.07	-2.141e+04	3.595e+04	3.563e+05
328	70	4.064e+05	3.952e+04	8.83e-03	-0.41	0.0	1656.10	1556.57	117.49	-2.250e+04	2.189e+04	-1.310e+05
		-1.310e+05	2.189e+04	1.50e-04		75.0	1656.10	3573.97	117.49	-2.406e+04	3.071e+04	6.114e+04
						150.1	1656.10	5634.47	117.49	-2.565e+04	3.952e+04	4.064e+05
328	71	3.563e+05	3.595e+04	7.25e-03	-0.38	0.0	1549.25	1319.69	107.07	-1.866e+04	1.989e+04	-1.101e+05
		-1.101e+05	1.989e+04	1.50e-04		75.0	1549.25	3102.26	107.07	-2.002e+04	2.792e+04	5.557e+04
						150.1	1549.25	4920.35	107.07	-2.141e+04	3.595e+04	3.563e+05
328	72	3.814e+05	3.774e+04	8.04e-03	-0.40	0.0	1602.68	1438.13	112.28	-2.058e+04	2.089e+04	-1.206e+05
		-1.206e+05	2.089e+04	1.50e-04		75.0	1602.68	3338.12	112.28	-2.204e+04	2.931e+04	5.835e+04
						150.1	1602.68	5277.41	112.28	-2.353e+04	3.774e+04	3.814e+05
328	73	3.563e+05	3.595e+04	7.25e-03	-0.38	0.0	1549.25	1319.69	107.07	-1.866e+04	1.989e+04	-1.101e+05
		-1.101e+05	1.989e+04	1.50e-04		75.0	1549.25	3102.26	107.07	-2.002e+04	2.792e+04	5.557e+04
						150.1	1549.25	4920.35	107.07	-2.141e+04	3.595e+04	3.563e+05
328	74	3.713e+05	3.702e+04	7.72e-03	-0.39	0.0	1581.31	1390.75	110.19	-1.981e+04	2.049e+04	-1.164e+05
		-1.164e+05	2.049e+04	1.50e-04		75.0	1581.31	3243.78	110.19	-2.123e+04	2.876e+04	5.724e+04
						150.1	1581.31	5134.59	110.19	-2.268e+04	3.702e+04	3.713e+05
329	2	7.226e+05	-2550.85	-2.09e-03	-0.58	0.0	6387.19	2798.43	-49.56	-1.282e+04	-2550.85	1.031e+05
		1.031e+05	-8445.96	-8.56e-05		59.5	6387.19	5206.70	-49.56	-1.412e+04	-5498.40	3.411e+05
						118.9	6387.19	7620.03	-49.56	-1.543e+04	-8445.96	7.226e+05
329	3	4.722e+05	-1448.37	-1.36e-03	-0.40	0.0	4243.87	1783.86	-37.54	-9122.77	-1448.37	6.870e+04
		6.870e+04	-5914.04	-5.69e-05		59.5	4243.87	3391.62	-37.54	-9980.25	-3681.21	2.225e+05
						118.9	4243.87	5002.67	-37.54	-1.085e+04	-5914.04	4.722e+05
329	17	1.030e+06	-5.231e+05	-0.24	-0.62	0.0	-3445.46	4312.35	1491.86	-1.671e+05	-7.256e+05	2.368e+05
		2.368e+05	-7.256e+05	2.77e-03		59.5	-3445.46	6724.03	1491.86	-1.674e+05	-6.244e+05	5.593e+05
						118.9	-3445.46	9229.70	1491.86	-1.682e+05	-5.231e+05	1.030e+06
329	20	-4.239e+04	7.224e+05	0.24	-0.31	0.0	1.228e+04	-552.87	-1567.25	1.484e+05	7.224e+05	-9.381e+04
		-9.989e+04	5.110e+05	-2.88e-03		59.5	1.228e+04	378.25	-1567.25	1.470e+05	6.167e+05	-9.344e+04
						118.9	1.228e+04	1222.26	-1567.25	1.460e+05	5.110e+05	-4.239e+04
329	33	1.594e+06	5.732e+04	-0.08	-0.49	0.0	-4790.23	8590.51	1095.95	-1.210e+05	-3.768e+05	3.597e+05
		3.597e+05	-3.768e+05	4.53e-04		59.5	-4790.23	1.048e+04	1095.95	-1.217e+05	-1.597e+05	9.168e+05
						118.9	-4790.23	1.237e+04	1095.95	-1.225e+05	5.732e+04	1.594e+06
329	36	-2.167e+05	3.736e+05	0.08	-0.36	0.0	1.363e+04	-4831.03	-1171.34	1.024e+05	3.736e+05	-2.167e+05
		-6.056e+05	-6.945e+04	-5.62e-04		59.5	1.363e+04	-3374.24	-1171.34	1.013e+05	1.521e+05	-4.510e+05
						118.9	1.363e+04	-1920.80	-1171.34	1.003e+05	-6.945e+04	-6.056e+05
329	49	7.876e+05	-3.050e+05	-0.14	-0.53	0.0	-17.51	3179.12	843.85	-9.938e+04	-4.180e+05	1.633e+05
		1.633e+05	-4.180e+05	1.58e-03		59.5	-17.51	5279.65	843.85	-9.998e+04	-3.615e+05	4.115e+05
						118.9	-17.51	7434.76	843.85	-1.008e+05	-3.050e+05	7.876e+05
329	52	2.003e+05	4.149e+05	0.14	-0.35	0.0	8853.32	580.36	-919.24	8.075e+04	4.149e+05	-2.041e+04
		-2.041e+04	2.929e+05	-1.70e-03		59.5	8853.32	1822.63	-919.24	7.956e+04	3.539e+05	5.430e+04
						118.9	8853.32	3017.20	-919.24	7.858e+04	2.929e+05	2.003e+05
329	65	1.078e+06	2.815e+04	-0.04	-0.46	0.0	-576.13	5423.90	615.40	-7.073e+04	-2.142e+05	2.268e+05
		2.268e+05	-2.142e+05	2.61e-04		59.5	-576.13	7220.23	615.40	-7.148e+04	-9.303e+04	5.967e+05
						118.9	-576.13	9024.56	615.40	-7.234e+04	2.815e+04	1.078e+06
329	68	-8.382e+04	2.110e+05	0.04	-0.38	0.0	9411.93	-1664.42	-690.79	5.210e+04	2.110e+05	-8.382e+04
		-1.309e+05	-4.028e+04	-3.71e-04		59.5	9411.93	-117.95	-690.79	5.106e+04	8.538e+04	-1.309e+05
						118.9	9411.93	1427.40	-690.79	5.011e+04	-4.028e+04	-9.017e+04
329	69	4.722e+05	-1448.37	-1.36e-03	-0.40	0.0	4243.87	1783.86	-37.54	-9122.77	-1448.37	6.870e+04
		6.870e+04	-5914.04	-5.69e-05		59.5	4243.87	3391.62	-37.54	-9980.25	-3681.21	2.225e+05
						118.9	4243.87	5002.67	-37.54	-1.085e+04	-5914.04	4.722e+05
329	70	5.447e+05	-1893.68	-1.58e-03	-0.44	0.0	4823.97	2103.47	-38.05	-9763.18	-1893.68	7.792e+04
		7.792e+04	-6419.18	-6.46e-05		59.5	4823.97	3923.35	-38.05	-1.074e+04	-4156.43	2.571e+05
						118.9	4823.97	5747.04	-38.05	-1.173e+04	-6419.18	5.447e+05
329	71	4.722e+05	-1448.37	-1.36e-03	-0.40	0.0	4243.87	1783.86	-37.54	-9122.77	-1448.37	6.870e+04
		6.870e+04	-5914.04	-5.69e-05		59.5	4243.87	3391.62	-37.54	-9980.25	-3681.21	2.225e+05
						118.9	4243.87	5002.67	-37.54	-1.085e+04	-5914.04	4.722e+05
329	72	5.084e+05	-1671.03	-1.47e-03	-0.42	0.0	4533.92	1943.66	-37.79	-9442.97	-1671.03	7.331e+04
		7.331e+04	-6166.61	-6.08e-05		59.5	4533.92	3657.49	-37.79	-1.036e+04	-3918.82	2.398e+05
						118.9	4533.92	5374.85	-37.79	-1.129e+04	-6166.61	5.084e+05
329	73	4.722e+05	-1448.37	-1.36e-03	-0.40	0.0	4243.87	1783.86	-37.54	-9122.77	-1448.37	6.870e+04
		6.870e+04	-5914.04	-5.69e-05		59.5	4243.87	3391.62	-37.54	-9980.25	-3681.21	2.225e+05
						118.9	4243.87	5002.67	-37.54	-1.085e+04	-5914.04	4.722e+05
329	74	4.939e+05	-1581.97	-1.43e-03	-0.42	0.0	4417.90	1879.74	-37.69	-9314.89	-1581.97	7.147e+04
		7.147e+04	-6065.58	-5.92e-05		59.5	4417.90	3551.14	-37.69	-1.021e+04	-3823.77	2.329e+05

330	2	6.779e+05	1.893e+04	-0.02	-0.56	118.9	4417.90	5225.98	-37.69	-1.111e+04	-6065.58	4.939e+05
		-2.139e+04	1.435e+04	-1.88e-04		0.0	4348.83	3068.08	-35.59	-7.256e+04	1.893e+04	-2.139e+04
						64.3	4348.83	5424.62	-35.59	-7.363e+04	1.664e+04	2.510e+05
						128.6	4348.83	7872.93	-35.59	-7.479e+04	1.435e+04	6.779e+05
330	3	4.546e+05	1.237e+04	-0.02	-0.39	0.0	3065.93	2006.65	-1.78	-5.114e+04	1.237e+04	-6374.26
		-6374.26	1.214e+04	-1.65e-04		64.3	3065.93	3575.31	-1.78	-5.183e+04	1.226e+04	1.726e+05
						128.6	3065.93	5206.92	-1.78	-5.258e+04	1.214e+04	4.546e+05
						0.0	3429.05	2466.09	-35.06	-5.722e+04	1.521e+04	-1.947e+04
330	4	5.416e+05	1.521e+04	-0.02	-0.44	64.3	3429.05	4352.03	-35.06	-5.808e+04	1.296e+04	1.992e+05
		-1.947e+04	1.071e+04	-1.39e-04		128.6	3429.05	6310.85	-35.06	-5.901e+04	1.071e+04	5.416e+05
						0.0	-1033.76	1359.59	1150.44	-3.828e+05	-1.098e+06	7.760e+04
						64.3	-1033.76	3699.05	1150.44	-3.889e+05	-1.142e+06	2.285e+05
330	6	5.355e+05	-1.098e+06	-0.23	-0.59	128.6	-1033.76	6224.73	1150.44	-3.953e+05	-1.185e+06	5.355e+05
		7.760e+04	-1.185e+06	9.59e-03		0.0	7310.87	2837.48	-1167.32	2.781e+05	1.124e+06	-9.558e+04
						64.3	7310.87	3762.26	-1167.32	2.827e+05	1.166e+06	1.274e+05
						128.6	7310.87	4630.68	-1167.32	2.876e+05	1.208e+06	4.085e+05
330	9	1.071e+06	-1.058e+06	-0.26	-0.60	0.0	-3664.53	4966.65	1435.41	-4.742e+05	-1.058e+06	1.466e+05
		1.466e+05	-1.122e+06	9.94e-03		64.3	-3664.53	7434.35	1435.41	-4.798e+05	-1.090e+06	5.222e+05
						128.6	-3664.53	1.003e+04	1435.41	-4.860e+05	-1.122e+06	1.071e+06
						0.0	9941.64	-769.58	-1452.29	3.695e+05	1.083e+06	-1.646e+05
330	12	-1.269e+05	1.146e+06	0.26	-0.29	64.3	9941.64	26.96	-1452.29	3.737e+05	1.115e+06	-1.663e+05
		-1.696e+05	1.083e+06	-0.01		128.6	9941.64	820.68	-1452.29	3.783e+05	1.146e+06	-1.269e+05
						0.0	-3423.57	8692.57	945.58	-3.281e+05	-2.559e+05	1.643e+05
						64.3	-3423.57	1.080e+04	945.58	-3.297e+05	-2.449e+05	7.604e+05
330	29	1.516e+06	-2.339e+05	-0.14	-0.49	128.6	-3423.57	1.290e+04	945.58	-3.316e+05	-2.339e+05	1.516e+06
		1.643e+05	-2.559e+05	3.33e-03		0.0	9700.68	-4495.50	-962.46	2.234e+05	2.818e+05	-1.822e+05
						64.3	9700.68	-3336.52	-962.46	2.235e+05	2.697e+05	-4.045e+05
						128.6	9700.68	-2043.81	-962.46	2.239e+05	2.576e+05	-5.720e+05
330	38	5.169e+05	-6.267e+05	-0.14	-0.51	0.0	708.44	1736.04	661.20	-2.451e+05	-6.267e+05	4.113e+04
		4.113e+04	-6.773e+05	5.47e-03		64.3	708.44	3775.95	661.20	-2.489e+05	-6.520e+05	2.115e+05
						128.6	708.44	5950.42	661.20	-2.529e+05	-6.773e+05	5.169e+05
						0.0	5568.68	2461.04	-678.08	1.404e+05	6.526e+05	-5.912e+04
330	39	4.270e+05	7.010e+05	0.14	-0.34	64.3	5568.68	3685.36	-678.08	1.427e+05	6.768e+05	1.444e+05
		-5.912e+04	6.526e+05	-5.78e-03		128.6	5568.68	4904.99	-678.08	1.452e+05	7.010e+05	4.270e+05
						0.0	-702.54	3638.72	822.19	-2.936e+05	-6.036e+05	7.910e+04
						64.3	-702.54	5746.86	822.19	-2.971e+05	-6.224e+05	3.671e+05
330	41	8.000e+05	-6.036e+05	-0.15	-0.52	128.6	-702.54	7961.24	822.19	-3.010e+05	-6.413e+05	8.000e+05
		7.910e+04	-6.413e+05	5.67e-03		0.0	6979.65	558.35	-839.07	1.889e+05	6.295e+05	-9.709e+04
						64.3	6979.65	1714.45	-839.07	1.910e+05	6.472e+05	-1.120e+04
						128.6	6979.65	2894.17	-839.07	1.933e+05	6.650e+05	1.440e+05
330	44	1.440e+05	6.650e+05	0.15	-0.33	0.0	-447.02	5583.75	535.46	-2.038e+05	-1.428e+05	8.728e+04
		-9.709e+04	6.295e+05	-5.99e-03		64.3	-447.02	7476.77	535.46	-2.050e+05	-1.362e+05	4.886e+05
						128.6	-447.02	9400.09	535.46	-2.064e+05	-1.296e+05	1.027e+06
						0.0	6724.13	-1386.67	-552.34	9.906e+04	1.687e+05	-1.053e+05
330	64	-8.323e+04	1.687e+05	0.09	-0.36	64.3	6724.13	-15.46	-552.34	9.883e+04	1.610e+05	-1.327e+05
		-1.327e+05	1.533e+05	-2.19e-03		128.6	6724.13	1455.32	-552.34	9.871e+04	1.533e+05	-8.323e+04
						0.0	3065.93	2006.65	-1.78	-5.114e+04	1.237e+04	-6374.26
						64.3	3065.93	3575.31	-1.78	-5.183e+04	1.226e+04	1.726e+05
330	69	4.546e+05	1.237e+04	-0.02	-0.39	128.6	3065.93	5206.92	-1.78	-5.258e+04	1.214e+04	4.546e+05
		-6374.26	1.214e+04	-1.65e-04		0.0	3308.01	2312.94	-23.97	-5.519e+04	1.427e+04	-1.511e+04
						64.3	3308.01	4093.12	-23.97	-5.600e+04	1.273e+04	1.904e+05
						128.6	3308.01	5942.87	-23.97	-5.687e+04	1.119e+04	5.126e+05
330	70	5.126e+05	1.427e+04	-0.02	-0.43	0.0	3065.93	2006.65	-1.78	-5.114e+04	1.237e+04	-6374.26
		-1.511e+04	1.119e+04	-1.47e-04		64.3	3065.93	3575.31	-1.78	-5.183e+04	1.226e+04	1.726e+05
						128.6	3065.93	5206.92	-1.78	-5.258e+04	1.214e+04	4.546e+05
						0.0	3186.97	2159.79	-12.88	-5.316e+04	1.332e+04	-1.074e+04
330	71	4.836e+05	1.332e+04	-0.02	-0.41	64.3	3186.97	3834.22	-12.88	-5.392e+04	1.249e+04	1.815e+05
		-1.074e+04	1.166e+04	-1.56e-04		128.6	3186.97	5574.90	-12.88	-5.473e+04	1.166e+04	4.836e+05
						0.0	3065.93	2006.65	-1.78	-5.114e+04	1.237e+04	-6374.26
						64.3	3065.93	3575.31	-1.78	-5.183e+04	1.226e+04	1.726e+05
330	72	4.546e+05	1.237e+04	-0.02	-0.39	128.6	3065.93	5206.92	-1.78	-5.258e+04	1.214e+04	4.546e+05
		-6374.26	1.214e+04	-1.65e-04		0.0	3138.56	2098.54	-8.44	-5.235e+04	1.294e+04	-8994.23
						64.3	3138.56	3730.66	-8.44	-5.308e+04	1.240e+04	1.780e+05
						128.6	3138.56	5427.70	-8.44	-5.387e+04	1.186e+04	4.720e+05
330	74	4.720e+05	1.294e+04	-0.02	-0.40	0.0	-4585.49	-1310.45	3.84	-1.837e+04	911.08	-3.739e+05
		-8994.23	1.186e+04	-1.59e-04		75.1	-4585.49	777.01	3.84	-1.830e+04	1199.09	-3.944e+05
						150.1	-4585.49	2967.86	3.84	-1.826e+04	1487.09	-2.547e+05
						0.0	-5561.23	-1558.21	34.57	-4.487e+04	-8967.21	-4.436e+05
331	1	-2.547e+05	1487.09	0.02	-0.51	75.1	-5561.23	877.13	34.57	-4.482e+04	-6372.21	-4.697e+05
		-4.051e+05	911.08	-5.40e-04		150.1	-5561.23	3427.47	34.57	-4.484e+04	-3777.21	-3.090e+05
						0.0	-3527.30	-1008.04	2.95	-1.413e+04	700.83	-2.876e+05
						75.1	-3527.30	597.70	2.95	-1.408e+04	922.37	-3.034e+05
331	3	-1.959e+05	1143.91	0.02	-0.36	150.1	-3527.30	2282.97	2.95	-1.405e+04	1143.91	-1.959e+05
		-3.116e+05	700.83	-4.16e-04		0.0	-4503.04	-1255.79	33.69	-4.063e+04	-9177.46	-3.573e+05
						75.1	-4503.04	697.82	33.69	-4.060e+04	-6648.92	-3.786e+05
						150.1	-4503.04	2742.58	33.69	-4.063e+04	-4120.38	-2.503e+05
331	4	-2.503e+05	-4120.38	0.02	-0.41	0.0	3317.10	404.21	297.08	-6.574e+05	-6.033e+05	1.635e+04
		-3.878e+05	-9177.46	-1.04e-03								
331	9	1.635e+04	-5.805e+05	-0.16	-0.49							

		-5.821e+04	-6.033e+05	6.52e-03		75.1	3317.10	2141.76	297.08	-6.614e+05	-5.919e+05	-5.435e+04
						150.1	3317.10	4067.80	297.08	-6.663e+05	-5.805e+05	-2.637e+04
331	10	-2.121e+04	-2.389e+05	-0.04	-0.41	0.0	1323.15	-566.86	3569.37	3.880e+05	-7.653e+05	-2.121e+04
		-1.533e+05	-7.653e+05	2.28e-03		75.1	1323.15	1755.00	3569.37	3.912e+05	-5.021e+05	-1.418e+05
						150.1	1323.15	3975.06	3569.37	3.949e+05	-2.389e+05	-1.244e+05
331	11	-2.892e+05	7.628e+05	0.04	-0.40	0.0	-8768.05	-1548.32	-3551.17	-4.269e+05	7.628e+05	-5.819e+05
		-5.819e+05	2.391e+05	-3.18e-03		75.1	-8768.05	-519.55	-3551.17	-4.299e+05	5.009e+05	-4.951e+05
						150.1	-8768.05	774.73	-3551.17	-4.336e+05	2.391e+05	-2.892e+05
331	12	-3.872e+05	6.008e+05	0.16	-0.32	0.0	-1.076e+04	-2519.39	-278.88	6.185e+05	6.008e+05	-6.195e+05
		-6.262e+05	5.807e+05	-7.60e-03		75.1	-1.076e+04	-906.31	-278.88	6.226e+05	5.907e+05	-5.826e+05
						150.1	-1.076e+04	681.99	-278.88	6.276e+05	5.807e+05	-3.872e+05
331	41	-1.059e+05	-3.251e+05	-0.10	-0.43	0.0	280.93	-233.75	262.66	-3.583e+05	-3.519e+05	-1.198e+05
		-1.690e+05	-3.519e+05	3.57e-03		75.1	280.93	1488.76	262.66	-3.604e+05	-3.385e+05	-1.690e+05
						150.1	280.93	3347.07	262.66	-3.630e+05	-3.251e+05	-1.059e+05
331	42	-1.397e+05	-1.450e+05	-0.03	-0.39	0.0	-792.57	-751.94	1990.76	1.928e+05	-4.389e+05	-1.397e+05
		-2.161e+05	-4.389e+05	1.15e-03		75.1	-792.57	1281.72	1990.76	1.945e+05	-2.920e+05	-2.156e+05
						150.1	-792.57	3297.94	1990.76	1.965e+05	-1.450e+05	-1.581e+05
331	43	-2.555e+05	4.364e+05	0.03	-0.38	0.0	-6652.33	-1363.24	-1972.56	-2.317e+05	4.364e+05	-4.634e+05
		-4.651e+05	1.452e+05	-2.04e-03		75.1	-6652.33	-46.27	-1972.56	-2.333e+05	2.908e+05	-4.213e+05
						150.1	-6652.33	1451.85	-1972.56	-2.352e+05	1.452e+05	-2.555e+05
331	44	-3.077e+05	3.494e+05	0.10	-0.34	0.0	-7725.83	-1881.43	-244.46	3.194e+05	3.494e+05	-4.834e+05
		-4.951e+05	3.252e+05	-4.65e-03		75.1	-7725.83	-253.31	-244.46	3.216e+05	3.373e+05	-4.679e+05
						150.1	-7725.83	1402.71	-244.46	3.243e+05	3.252e+05	-3.077e+05
331	61	-9.729e+04	2.553e+04	-0.14	-0.49	0.0	-893.29	-24.53	-2535.78	-9.569e+05	2.553e+04	-2.168e+05
		-2.214e+05	-3.706e+05	4.64e-03		75.1	-893.29	1193.03	-2535.78	-9.632e+05	-1.725e+05	-2.030e+05
						150.1	-893.29	2741.06	-2535.78	-9.709e+05	-3.706e+05	-9.729e+04
331	69	-1.959e+05	1143.91	0.02	-0.36	0.0	-3527.30	-1008.04	2.95	-1.413e+04	700.83	-2.876e+05
		-3.116e+05	700.83	-4.16e-04		75.1	-3527.30	597.70	2.95	-1.408e+04	922.37	-3.034e+05
						150.1	-3527.30	2282.97	2.95	-1.405e+04	1143.91	-1.959e+05
331	70	-2.321e+05	-2365.62	0.02	-0.39	0.0	-4177.79	-1173.21	23.44	-3.180e+04	-5884.70	-3.341e+05
		-3.624e+05	-5884.70	-8.29e-04		75.1	-4177.79	664.45	23.44	-3.176e+04	-4125.16	-3.536e+05
						150.1	-4177.79	2589.38	23.44	-3.177e+04	-2365.62	-3.321e+05
331	71	-1.959e+05	1143.91	0.02	-0.36	0.0	-3527.30	-1008.04	2.95	-1.413e+04	700.83	-2.876e+05
		-3.116e+05	700.83	-4.16e-04		75.1	-3527.30	597.70	2.95	-1.408e+04	922.37	-3.034e+05
						150.1	-3527.30	2282.97	2.95	-1.405e+04	1143.91	-1.959e+05
331	72	-2.140e+05	-610.85	0.02	-0.37	0.0	-3852.55	-1090.62	13.20	-2.296e+04	-2591.93	-3.109e+05
		-3.370e+05	-2591.93	-6.22e-04		75.1	-3852.55	631.07	13.20	-2.292e+04	-1601.39	-3.285e+05
						150.1	-3852.55	2436.17	13.20	-2.291e+04	-610.85	-2.140e+05
331	73	-1.959e+05	1143.91	0.02	-0.36	0.0	-3527.30	-1008.04	2.95	-1.413e+04	700.83	-2.876e+05
		-3.116e+05	700.83	-4.16e-04		75.1	-3527.30	597.70	2.95	-1.408e+04	922.37	-3.034e+05
						150.1	-3527.30	2282.97	2.95	-1.405e+04	1143.91	-1.959e+05
331	74	-2.068e+05	91.06	0.02	-0.37	0.0	-3722.45	-1057.59	9.10	-1.943e+04	-1274.83	-3.016e+05
		-3.269e+05	-1274.83	-5.40e-04		75.1	-3722.45	617.72	9.10	-1.938e+04	-591.89	-3.185e+05
						150.1	-3722.45	2374.89	9.10	-1.936e+04	91.06	-2.068e+05
332	2	3.877e+05	9843.73	9.64e-03	-0.65	0.0	3885.29	-6443.38	-55.60	-1.433e+04	9843.73	3.877e+05
		-4.707e+04	1836.81	-4.49e-04		72.0	3885.29	-3010.54	-55.60	-1.468e+04	5840.27	4.711e+04
						144.0	3885.29	461.58	-55.60	-1.505e+04	1836.81	-4.488e+04
332	3	2.566e+05	2946.12	6.47e-03	-0.45	0.0	2629.04	-4244.28	-18.16	-3134.58	2946.12	2.566e+05
		-2.812e+04	331.02	-1.17e-04		72.0	2629.04	-1969.93	-18.16	-3202.91	1638.57	3.272e+04
						144.0	2629.04	330.82	-18.16	-3275.53	331.02	-2.644e+04
332	9	5.803e+05	1.670e+05	-9.34e-03	-0.56	0.0	7427.25	-2677.93	-1521.97	-3.951e+05	1.670e+05	5.803e+05
		2.987e+04	-5.128e+04	3.73e-03		72.0	7427.25	-277.90	-1521.97	-4.023e+05	5.786e+04	2.196e+05
						144.0	7427.25	2145.11	-1521.97	-4.100e+05	5.128e+04	2.987e+04
332	12	-4.547e+04	5.251e+04	0.01	-0.52	0.0	-1982.16	-6180.96	1472.85	3.847e+05	-1.587e+05	-4.547e+04
		-1.535e+05	-1.587e+05	-4.08e-03		72.0	-1982.16	-3841.81	1472.85	3.917e+05	-5.310e+04	-1.523e+05
						144.0	-1982.16	-1470.87	1472.85	3.992e+05	5.251e+04	-8.695e+04
332	22	2.585e+05	3.815e+05	0.01	-0.70	0.0	1276.09	-4063.95	4507.65	1.060e+06	-2.718e+05	2.585e+05
		-8.514e+04	-2.718e+05	7.12e-03		72.0	1276.09	-1740.92	4507.65	1.086e+06	5.481e+04	-320.20
						144.0	1276.09	644.67	4507.65	1.114e+06	3.815e+05	-8.514e+04
332	23	2.764e+05	2.801e+05	-0.02	-0.70	0.0	4169.00	-4794.94	-4556.77	-1.071e+06	2.801e+05	2.764e+05
		2.194e+04	-3.802e+05	-7.47e-03		72.0	4169.00	-2378.79	-4556.77	-1.097e+06	5.005e+04	6.759e+04
						144.0	4169.00	29.57	-4556.77	-1.125e+06	-3.802e+05	2.806e+04
332	41	4.455e+05	9.286e+04	-8.06e-03	-0.51	0.0	5389.32	-3424.80	-816.52	-2.149e+05	9.286e+04	4.455e+05
		3654.70	-2.533e+04	2.20e-03		72.0	5389.32	-1038.69	-816.52	-2.186e+05	3.377e+04	1.390e+05
						144.0	5389.32	1372.99	-816.52	-2.227e+05	-2.533e+04	3654.70
332	44	8.933e+04	2.655e+04	9.35e-03	-0.49	0.0	55.77	-5434.10	767.40	2.045e+05	-8.456e+04	8.933e+04
		-8.772e+04	-8.456e+04	-2.55e-03		72.0	55.77	-3081.02	767.40	2.080e+05	-2.900e+04	-7.171e+04
						144.0	55.77	-698.74	767.40	2.119e+05	2.655e+04	-6.073e+04
332	55	2.690e+05	1.491e+05	-0.01	-0.59	0.0	3464.41	-4643.63	-2413.48	-5.674e+05	1.491e+05	2.690e+05
		-2649.81	-2.007e+05	-4.00e-03		72.0	3464.41	-2249.38	-2413.48	-5.814e+05	-2.580e+04	4.993e+04
						144.0	3464.41	153.57	-2413.48	-5.961e+05	-2.007e+05	1283.21
332	61	3.778e+05	2.036e+05	-0.01	-0.60	0.0	5069.75	-4032.69	-2472.54	-5.431e+05	2.036e+05	3.778e+05
		2.114e+04	-1.744e+05	-1.92e-03		72.0	5069.75	-1628.36	-2472.54	-5.578e+05	1.458e+04	1.144e+05
						144.0	5069.75	783.64	-2472.54	-5.732e+05	-1.744e+05	2.114e+04
332	69	2.566e+05	2946.12	6.47e-03	-0.45	0.0	2629.04	-4244.28	-18.16	-3134.58	2946.12	2.566e+05
		-2.812e+04	331.02	-1.17e-04		72.0	2629.04	-1969.93	-18.16	-3202.91	1638.57	3.272e+04
						144.0	2629.04	330.82	-18.16	-3275.53	331.02	-2.644e+04

332	70	2.927e+05 -3.513e+04	6955.30 1268.67	7.29e-03 -3.15e-04	-0.49	0.0 72.0 144.0	2940.73 2940.73 2940.73	-4861.49 -2269.69 351.83	-39.49 -39.49 -39.49	-9972.84 -1.021e+04 -1.047e+04	6955.30 4111.99 1268.67	2.927e+05 3.577e+04 -3.344e+04
332	71	2.566e+05 -2.812e+04	2946.12 331.02	6.47e-03 -1.17e-04	-0.45	0.0 72.0 144.0	2629.04 2629.04 2629.04	-4244.28 -1969.93 330.82	-18.16 -18.16 -18.16	-3134.58 -3202.91 -3275.53	2946.12 1638.57 331.02	2.566e+05 3.272e+04 -2.644e+04
332	72	2.747e+05 -3.162e+04	4950.71 799.85	6.88e-03 -2.16e-04	-0.47	0.0 72.0 144.0	2784.88 2784.88 2784.88	-4552.89 -2119.81 341.33	-28.83 -28.83 -28.83	-6553.71 -6707.94 -6871.15	4950.71 2875.28 799.85	2.747e+05 3.424e+04 -2.994e+04
332	73	2.566e+05 -2.812e+04	2946.12 331.02	6.47e-03 -1.17e-04	-0.45	0.0 72.0 144.0	2629.04 2629.04 2629.04	-4244.28 -1969.93 330.82	-18.16 -18.16 -18.16	-3134.58 -3202.91 -3275.53	2946.12 1638.57 331.02	2.566e+05 3.272e+04 -2.644e+04
332	74	2.674e+05 -3.022e+04	4148.88 612.32	6.72e-03 -1.77e-04	-0.46	0.0 72.0 144.0	2722.54 2722.54 2722.54	-4429.45 -2059.86 337.12	-24.56 -24.56 -24.56	-5186.06 -5305.93 -5432.90	4148.88 2380.60 612.32	2.674e+05 3.363e+04 -2.854e+04
333	1	1.225e+05 -1.851e+05	-697.61 -2826.71	-4.56e-03 -1.12e-05	-0.59	0.0 72.0 144.0	386.92 386.92 386.92	-5120.19 -2053.15 992.56	-14.79 -14.79 -14.79	539.43 421.59 304.33	-697.61 -1762.16 -2826.71	1.225e+05 -1.356e+05 -1.737e+05
333	2	1.429e+05 -2.187e+05	934.75 -4723.70	-5.38e-03 -8.77e-06	-0.66	0.0 72.0 144.0	373.40 373.40 373.40	-5981.94 -2421.55 1113.68	-39.29 -39.29 -39.29	803.55 349.15 -104.79	934.75 -1894.47 -4723.70	1.429e+05 -1.595e+05 -2.065e+05
333	4	1.146e+05 -1.760e+05	1095.74 -4071.39	4.33e-03 -6.19e-06	-0.53	0.0 72.0 144.0	284.11 284.11 284.11	-4800.36 -1947.75 884.62	-35.88 -35.88 -35.88	679.07 251.86 -175.01	1095.74 -1487.82 -4071.39	1.146e+05 -1.287e+05 -1.664e+05
333	9	3.553e+05 -1.357e+05	1.351e+05 -3924.26	-8.52e-03 1.76e-03	-0.58	0.0 72.0 144.0	2201.79 2201.79 2201.79	-2297.86 105.43 2520.93	-1047.14 -1047.14 -1047.14	-2.512e+05 -2.422e+05 -2.343e+05	1.351e+05 6.561e+04 -3924.26	3.553e+05 1.961e+04 -1.357e+05
333	12	-1.446e+05 -2.378e+05	-1183.32 -1.356e+05	1.88e-03 -1.77e-03	-0.54	0.0 72.0 144.0	-1611.94 -1611.94 -1611.94	-5924.06 -3411.48 -945.47	1014.59 1014.59 1014.59	2.522e+05 2.429e+05 2.346e+05	-1.356e+05 -6.837e+04 -1183.32	-1.587e+05 -2.378e+05 -1.446e+05
333	21	1.937e+05 -1.278e+05	3.160e+05 -9.849e+04	-4.56e-03 -2.37e-03	-0.78	0.0 72.0 144.0	2167.62 2167.62 2167.62	-3463.45 -1048.28 1399.71	-2453.08 -2453.08 -2453.08	-1.667e+05 -1.766e+05 -1.951e+05	3.160e+05 1.088e+05 -9.849e+04	1.937e+05 -5.768e+04 -1.263e+05
333	24	2847.92 -1.782e+05	9.338e+04 -3.165e+05	2.87e-03 2.35e-03	-0.75	0.0 72.0 144.0	-1577.77 -1577.77 -1577.77	-4758.47 -2257.77 175.76	2420.53 2420.53 2420.53	1.676e+05 1.772e+05 1.954e+05	-3.165e+05 -1.115e+05 9.338e+04	2847.92 -1.605e+05 -1.541e+05
333	29	1.985e+05 -1.276e+05	2.749e+05 -1.102e+05	-4.90e-03 2.00e-03	-0.78	0.0 72.0 144.0	2215.85 2215.85 2215.85	-3426.98 -1035.55 1369.25	-1800.68 -1800.68 -1800.68	-3.042e+05 -2.750e+05 -2.484e+05	2.749e+05 8.236e+04 -1.102e+05	1.985e+05 -5.523e+04 -1.264e+05
333	32	-1915.03 -1.795e+05	1.051e+05 -2.754e+05	2.49e-03 -2.02e-03	-0.76	0.0 72.0 144.0	-1626.00 -1626.00 -1626.00	-4794.93 -2270.50 206.21	1768.13 1768.13 1768.13	3.052e+05 2.756e+05 2.487e+05	-1915.03 -1.629e+05 1.051e+05	-1.795e+05 -1.629e+05 -1.539e+05
333	41	2.458e+05 -1.377e+05	7.551e+04 -4222.78	-6.47e-03 9.88e-04	-0.53	0.0 72.0 144.0	1379.94 1379.94 1379.94	-3069.86 -642.40 1784.74	-583.94 -583.94 -583.94	-1.384e+05 -1.339e+05 -1.299e+05	7.551e+04 3.564e+04 -4222.78	2.458e+05 -3.525e+04 -1.377e+05
333	44	-4.926e+04 -1.891e+05	-884.80 -7.593e+04	1.47e-03 -1.00e-03	-0.51	0.0 72.0 144.0	-790.09 -790.09 -790.09	-5152.05 -2663.64 -209.28	551.38 551.38 551.38	1.394e+05 1.345e+05 1.302e+05	-7.593e+04 -3.841e+04 -884.80	-4.926e+04 -1.829e+05 -1.426e+05
333	53	1.529e+05 -1.364e+05	1.716e+05 -5.623e+04	-4.21e-03 -1.28e-03	-0.63	0.0 72.0 144.0	1337.83 1337.83 1337.83	-3739.98 -1305.55 1137.37	-1314.18 -1314.18 -1314.18	-9.351e+04 -9.846e+04 -1.078e+05	1.716e+05 5.770e+04 -5.623e+04	1.529e+05 -7.982e+04 -1.327e+05
333	56	4.372e+04 -1.644e+05	5.112e+04 -1.720e+05	3.19e-03 1.27e-03	-0.62	0.0 72.0 144.0	-747.98 -747.98 -747.98	-4481.93 -2000.49 438.09	1281.63 1281.63 1281.63	9.444e+04 9.908e+04 1.081e+05	-1.720e+05 -6.046e+04 5.112e+04	4.372e+04 1.383e+05 -1.477e+05
333	69	9.422e+04 -1.424e+05	-536.62 -2174.39	-3.51e-03 -8.59e-06	-0.45	0.0 72.0 144.0	297.63 297.63 297.63	-3938.61 -1579.34 763.51	-11.37 -11.37 -11.37	414.94 324.30 234.10	-536.62 -1355.51 -2174.39	9.422e+04 -1.043e+05 -1.336e+05
333	70	1.078e+05 -1.648e+05	551.62 -3439.05	-4.06e-03 -6.99e-06	-0.50	0.0 72.0 144.0	288.61 288.61 288.61	-4513.11 -1824.95 844.25	-27.71 -27.71 -27.71	591.02 276.01 -38.64	551.62 -1443.72 -3439.05	1.078e+05 -1.202e+05 -1.555e+05
333	71	9.422e+04 -1.424e+05	-536.62 -2174.39	-3.51e-03 -8.59e-06	-0.45	0.0 72.0 144.0	297.63 297.63 297.63	-3938.61 -1579.34 763.51	-11.37 -11.37 -11.37	414.94 324.30 234.10	-536.62 -1355.51 -2174.39	9.422e+04 -1.043e+05 -1.336e+05
333	72	1.010e+05 -1.536e+05	7.50 -2806.72	-3.78e-03 -7.79e-06	-0.48	0.0 72.0 144.0	293.12 293.12 293.12	-4225.86 -1702.14 803.88	-19.54 -19.54 -19.54	502.98 300.15 97.73	7.50 -1399.61 -2806.72	1.010e+05 -1.123e+05 -1.445e+05
333	73	9.422e+04 -1.424e+05	-536.62 -2174.39	-3.51e-03 -8.59e-06	-0.45	0.0 72.0 144.0	297.63 297.63 297.63	-3938.61 -1579.34 763.51	-11.37 -11.37 -11.37	414.94 324.30 234.10	-536.62 -1355.51 -2174.39	9.422e+04 -1.043e+05 -1.336e+05
333	74	9.829e+04 -1.491e+05	-210.15 -2553.79	-3.67e-03 -8.11e-06	-0.47	0.0 72.0 144.0	294.93 294.93 294.93	-4110.96 -1653.02 787.73	-16.28 -16.28 -16.28	467.77 309.81 152.27	-210.15 -1381.97 -2553.79	9.829e+04 -1.091e+05 -1.402e+05
334	2	2.331e+05 -7.232e+04	6329.76 3599.00	-0.01 3.87e-04	-0.66	0.0 72.0 144.0	2767.82 2767.82 2767.82	-5496.95 -1938.47 1574.46	-18.96 -18.96 -18.96	1.865e+04 1.825e+04 1.788e+04	6329.76 4964.38 3599.00	2.331e+05 -3.429e+04 -4.713e+04
334	3	1.538e+05 -4.583e+04	2148.45 1243.52	-6.70e-03 1.02e-04	-0.46	0.0 72.0	1880.82 1880.82	-3616.78 -1259.00	-6.28 -6.28	5995.06 5925.83	2148.45 1695.99	1.538e+05 -2.155e+04

						144.0	1880.82	1068.86	-6.28	5864.52	1243.52	-2.822e+04
334	5	3.935e+05	-1.403e+04	-9.03e-03	-0.58	0.0	1698.41	-1976.15	896.55	-4.205e+05	-1.356e+05	3.935e+05
		-7911.55	-1.356e+05	-1.69e-03		72.0	1698.41	434.74	896.55	-4.118e+05	-7.481e+04	8.986e+04
						144.0	1698.41	2824.17	896.55	-4.037e+05	-1.403e+04	2.776e+04
334	8	-7.258e+04	1.413e+05	6.18e-03	-0.53	0.0	2192.33	-5575.47	-913.44	4.368e+05	1.413e+05	-7.258e+04
		-1.369e+05	1.731e+04	1.99e-03		72.0	2192.33	-3073.44	-913.44	4.279e+05	7.931e+04	-1.355e+05
						144.0	2192.33	-612.48	-913.44	4.195e+05	1.731e+04	-8.838e+04
334	22	1.639e+05	1.191e+05	-3.90e-03	-0.74	0.0	-1029.62	-3420.95	-1183.33	1.171e+06	1.191e+05	1.639e+05
		-1.219e+05	-1.918e+05	-8.01e-03		72.0	-1029.62	-1005.62	-1183.33	1.138e+06	-3.637e+04	-6.688e+04
						144.0	-1029.62	1400.78	-1183.33	1.107e+06	-1.918e+05	-1.046e+05
334	23	1.570e+05	1.951e+05	0.01	-0.75	0.0	4920.37	-4130.67	1166.44	-1.154e+06	-1.133e+05	1.570e+05
		1.505e+04	-1.133e+05	8.31e-03		72.0	4920.37	-1633.08	1166.44	-1.122e+06	4.087e+04	2.128e+04
						144.0	4920.37	810.91	1166.44	-1.091e+06	1.951e+05	4.396e+04
334	29	2.766e+05	1.034e+05	-0.01	-0.75	0.0	3836.78	-3149.50	2199.64	-1.283e+06	-2.038e+05	2.766e+05
		2.137e+04	-2.038e+05	7.09e-03		72.0	3836.78	-687.56	2199.64	-1.253e+06	-5.021e+04	6.295e+04
						144.0	3836.78	1732.57	2199.64	-1.224e+06	1.034e+05	4.630e+04
334	32	4.428e+04	2.095e+05	3.87e-03	-0.73	0.0	53.97	-4402.12	-2216.52	1.300e+06	2.095e+05	4.428e+04
		-1.214e+05	-1.001e+05	-6.79e-03		72.0	53.97	-1951.14	-2216.52	1.269e+06	5.470e+04	-1.085e+05
						144.0	53.97	479.12	-2216.52	1.240e+06	-1.001e+05	-1.069e+05
334	37	2.941e+05	-8355.79	-8.11e-03	-0.53	0.0	1778.30	-2742.54	482.28	-2.204e+05	-7.374e+04	2.941e+05
		-2.495e+04	-7.374e+04	-1.03e-03		72.0	1778.30	-312.85	482.28	-2.159e+05	-4.105e+04	4.138e+04
						144.0	1778.30	2091.56	482.28	-2.118e+05	-8355.79	1655.14
334	54	1.646e+05	6.787e+04	-5.38e-03	-0.61	0.0	319.94	-3564.67	-626.51	6.219e+05	6.787e+04	1.646e+05
		-8.699e+04	-1.074e+05	-4.28e-03		72.0	319.94	-1130.48	-626.51	6.047e+05	-1.975e+04	-4.532e+04
						144.0	319.94	1284.32	-626.51	5.882e+05	-1.074e+05	-6.967e+04
334	55	1.563e+05	1.106e+05	8.85e-03	-0.62	0.0	3570.81	-3986.95	609.62	-6.056e+05	-6.215e+04	1.563e+05
		-1.346e+04	-6.215e+04	4.59e-03		72.0	3570.81	-1508.23	609.62	-5.886e+05	2.425e+04	-285.66
						144.0	3570.81	927.37	609.62	-5.724e+05	1.106e+05	9053.15
334	56	9.036e+04	9.929e+04	5.22e-03	-0.61	0.0	680.33	-4168.31	-794.56	6.464e+05	9.929e+04	9.036e+04
		-9.550e+04	-8.387e+04	-2.90e-03		72.0	680.33	-1715.71	-794.56	6.294e+05	7712.28	-7.693e+04
						144.0	680.33	712.25	-794.56	6.133e+05	-8.387e+04	-8.076e+04
334	64	9.581e+04	1.129e+05	5.39e-03	-0.60	0.0	927.24	-4134.18	-1185.95	6.910e+05	1.129e+05	9.581e+04
		-8.729e+04	-5.222e+04	-3.40e-03		72.0	927.24	-1679.52	-1185.95	6.749e+05	3.033e+04	-6.972e+04
						144.0	927.24	749.25	-1185.95	6.597e+05	-5.222e+04	-7.151e+04
334	69	1.538e+05	2148.45	-6.70e-03	-0.46	0.0	1880.82	-3616.78	-6.28	5995.06	2148.45	1.538e+05
		-4.583e+04	1243.52	1.02e-04		72.0	1880.82	-1259.00	-6.28	5925.83	1695.99	-2.155e+04
						144.0	1880.82	1068.86	-6.28	5864.52	1243.52	-2.822e+04
334	70	1.759e+05	4506.30	-7.68e-03	-0.50	0.0	2095.99	-4146.87	-13.48	1.323e+04	4506.30	1.759e+05
		-5.433e+04	2565.14	2.71e-04		72.0	2095.99	-1460.18	-13.48	1.296e+04	3535.72	-2.573e+04
						144.0	2095.99	1192.15	-13.48	1.270e+04	2565.14	-3.518e+04
334	71	1.538e+05	2148.45	-6.70e-03	-0.46	0.0	1880.82	-3616.78	-6.28	5995.06	2148.45	1.538e+05
		-4.583e+04	1243.52	1.02e-04		72.0	1880.82	-1259.00	-6.28	5925.83	1695.99	-2.155e+04
						144.0	1880.82	1068.86	-6.28	5864.52	1243.52	-2.822e+04
334	72	1.649e+05	3327.37	-7.19e-03	-0.48	0.0	1988.41	-3881.83	-9.88	9612.33	3327.37	1.649e+05
		-5.008e+04	1904.33	1.87e-04		72.0	1988.41	-1359.59	-9.88	9441.65	2615.85	-2.364e+04
						144.0	1988.41	1130.50	-9.88	9283.59	1904.33	-3.170e+04
334	73	1.538e+05	2148.45	-6.70e-03	-0.46	0.0	1880.82	-3616.78	-6.28	5995.06	2148.45	1.538e+05
		-4.583e+04	1243.52	1.02e-04		72.0	1880.82	-1259.00	-6.28	5925.83	1695.99	-2.155e+04
						144.0	1880.82	1068.86	-6.28	5864.52	1243.52	-2.822e+04
334	74	1.604e+05	2855.81	-6.99e-03	-0.47	0.0	1945.37	-3775.81	-8.44	8165.42	2855.81	1.604e+05
		-4.838e+04	1640.01	1.53e-04		72.0	1945.37	-1319.35	-8.44	8035.32	2247.91	-2.280e+04
						144.0	1945.37	1105.84	-8.44	7915.96	1640.01	-3.031e+04
335	1	2.879e+05	6008.57	-0.04	-0.51	0.0	80.03	-6153.52	-21.96	2.266e+04	6008.57	2.879e+05
		-2.598e+05	2711.59	5.59e-04		75.1	80.03	-3619.14	-21.96	2.271e+04	4360.08	-7.780e+04
						150.1	80.03	-1258.89	-21.96	2.279e+04	2711.59	-2.598e+05
335	2	3.304e+05	9124.49	-0.04	-0.57	0.0	-92.00	-7199.08	-68.54	4.930e+04	9124.49	3.304e+05
		-3.137e+05	-1164.75	1.25e-03		75.1	-92.00	-4256.75	-68.54	4.921e+04	3979.87	-9.828e+04
						150.1	-92.00	-1515.83	-68.54	4.918e+04	-1164.75	-3.137e+05
335	4	2.640e+05	7737.90	-0.04	-0.45	0.0	-110.47	-5779.03	-63.47	4.407e+04	7737.90	2.640e+05
		-2.538e+05	-1790.50	1.12e-03		75.1	-110.47	-3421.56	-63.47	4.397e+04	2973.70	-8.033e+04
						150.1	-110.47	-1225.31	-63.47	4.392e+04	-1790.50	-2.538e+05
335	21	4.919e+05	2.530e+05	-0.15	-0.64	0.0	3753.42	-4195.19	5354.27	-1.770e+06	-5.501e+05	4.919e+05
		-5104.06	-5.501e+05	-4.06e-03		75.1	3753.42	-2151.80	5354.27	-1.751e+06	-1.485e+05	1.726e+05
						150.1	3753.42	284.88	5354.27	-1.733e+06	2.530e+05	-5104.06
335	22	6.604e+04	7.154e+05	0.15	-0.52	0.0	-5846.92	-4617.38	-4922.61	1.747e+06	7.154e+05	6.604e+04
		-3.380e+05	-2.485e+04	4.60e-03		75.1	-5846.92	-2738.84	-4922.61	1.728e+06	3.453e+05	-2.480e+05
						150.1	-5846.92	-1544.01	-4922.61	1.711e+06	-2.485e+04	-3.378e+05
335	23	3.939e+05	2.747e+04	-0.16	-0.62	0.0	5901.23	-5267.80	4870.19	-1.701e+06	-7.049e+05	3.939e+05
		-8.351e+04	-7.049e+05	-3.47e-03		75.1	5901.23	-3084.10	4870.19	-1.682e+06	-3.387e+05	1.201e+05
						150.1	5901.23	-495.52	4870.19	-1.666e+06	2.747e+04	-8.351e+04
335	24	-3.199e+04	5.606e+05	0.16	-0.50	0.0	-3699.10	-5689.98	-5406.69	1.816e+06	5.606e+05	-3.199e+04
		-4.162e+05	-2.504e+05	5.20e-03		75.1	-3699.10	-3671.15	-5406.69	1.796e+06	1.551e+05	-3.005e+05
						150.1	-3699.10	-2324.42	-5406.69	1.779e+06	-2.504e+05	-4.162e+05
335	53	3.722e+05	1.395e+05	-0.10	-0.53	0.0	2000.90	-4521.37	2823.05	-9.231e+05	-2.840e+05	3.722e+05
		-9.946e+04	-2.840e+05	-2.38e-03		75.1	2000.90	-2484.66	2823.05	-9.127e+05	-7.222e+04	6.342e+04
						150.1	2000.90	-304.68	2823.05	-9.035e+05	1.395e+05	-9.946e+04
335	54	1.443e+05	3.834e+05	0.10	-0.47	0.0	-3173.66	-4746.99	-2595.88	9.311e+05	3.834e+05	1.443e+05

		-2.773e+05	-6971.32	3.17e-03		75.1	-3173.66	-2801.37	-2595.88	9.210e+05	1.882e+05	-1.615e+05
						150.1	-3173.66	-1284.23	-2595.88	9.122e+05	-6971.32	-2.773e+05
335	55	3.156e+05	9592.46	-0.10	-0.52	0.0	3227.97	-5138.18	2543.46	-8.855e+05	-3.729e+05	3.156e+05
		-1.440e+05	-3.729e+05	-2.03e-03		75.1	3227.97	-3021.58	2543.46	-8.754e+05	-1.817e+05	3.364e+04
						150.1	3227.97	-755.31	2543.46	-8.666e+05	9592.46	-1.440e+05
335	56	8.773e+04	2.945e+05	0.10	-0.45	0.0	-1946.58	-5363.81	-2875.47	9.686e+05	2.945e+05	8.773e+04
		-3.218e+05	-1.369e+05	3.52e-03		75.1	-1946.58	-3338.28	-2875.47	9.582e+05	7.878e+04	-1.913e+05
						150.1	-1946.58	-1734.85	-2875.47	9.491e+05	-1.369e+05	-3.218e+05
335	69	2.214e+05	4621.98	-0.03	-0.39	0.0	61.56	-4733.48	-16.89	1.743e+04	4621.98	2.214e+05
		-1.999e+05	2085.84	4.30e-04		75.1	61.56	-2783.95	-16.89	1.747e+04	3353.91	-5.984e+04
						150.1	61.56	-968.38	-16.89	1.753e+04	2085.84	-1.999e+05
335	70	2.498e+05	6699.26	-0.03	-0.43	0.0	-53.12	-5430.51	-47.95	3.519e+04	6699.26	2.498e+05
		-2.358e+05	-498.39	8.90e-04		75.1	-53.12	-3209.03	-47.95	3.513e+04	3100.44	-7.350e+04
						150.1	-53.12	-1139.67	-47.95	3.513e+04	-498.39	-2.358e+05
335	71	2.214e+05	4621.98	-0.03	-0.39	0.0	61.56	-4733.48	-16.89	1.743e+04	4621.98	2.214e+05
		-1.999e+05	2085.84	4.30e-04		75.1	61.56	-2783.95	-16.89	1.747e+04	3353.91	-5.984e+04
						150.1	61.56	-968.38	-16.89	1.753e+04	2085.84	-1.999e+05
335	72	2.356e+05	5660.62	-0.03	-0.41	0.0	4.22	-5081.99	-32.42	2.631e+04	5660.62	2.356e+05
		-2.178e+05	793.72	6.60e-04		75.1	4.22	-2996.49	-32.42	2.630e+04	3227.17	-6.667e+04
						150.1	4.22	-1054.02	-32.42	2.633e+04	793.72	-2.178e+05
335	73	2.214e+05	4621.98	-0.03	-0.39	0.0	61.56	-4733.48	-16.89	1.743e+04	4621.98	2.214e+05
		-1.999e+05	2085.84	4.30e-04		75.1	61.56	-2783.95	-16.89	1.747e+04	3353.91	-5.984e+04
						150.1	61.56	-968.38	-16.89	1.753e+04	2085.84	-1.999e+05
335	74	2.299e+05	5245.16	-0.03	-0.40	0.0	27.16	-4942.59	-26.21	2.276e+04	5245.16	2.299e+05
		-2.107e+05	1310.57	5.68e-04		75.1	27.16	-2911.47	-26.21	2.277e+04	3277.87	-6.394e+04
						150.1	27.16	-1019.77	-26.21	2.281e+04	1310.57	-2.107e+05
336	2	-2.459e+05	-9608.14	6.63e-03	-0.50	0.0	-4596.65	-2321.03	33.60	7.979e+04	-1.393e+04	-2.459e+05
		-3.293e+05	-1.393e+04	5.09e-04		64.3	-4596.65	-243.92	33.60	8.052e+04	-1.177e+04	-3.283e+05
						128.6	-4596.65	1858.62	33.60	8.134e+04	-9608.14	-2.767e+05
336	3	-1.670e+05	-2647.15	5.35e-03	-0.35	0.0	-3009.17	-1477.24	-1.27	5.626e+04	-2647.15	-1.670e+05
		-2.180e+05	-2809.80	3.31e-04		64.3	-3009.17	-105.66	-1.27	5.672e+04	-2728.48	-2.179e+05
						128.6	-3009.17	1286.51	-1.27	5.724e+04	-2809.80	-1.801e+05
336	13	1.335e+05	2.366e+05	-0.07	-0.50	0.0	242.27	-456.56	474.23	-4.386e+05	2.366e+05	1.335e+05
		-3.436e+04	2.208e+05	0.02		64.3	242.27	1068.93	474.23	-4.404e+05	2.287e+05	2.105e+04
						128.6	242.27	3133.55	474.23	-4.426e+05	2.208e+05	-3.436e+04
336	16	-3.429e+05	-2.288e+05	0.06	-0.27	0.0	-6534.50	-2658.15	-462.66	5.538e+05	-2.461e+05	-4.789e+05
		-4.927e+05	-2.461e+05	-0.02		64.3	-6534.50	-1322.87	-462.66	5.565e+05	-2.375e+05	-4.749e+05
						128.6	-6534.50	-486.06	-462.66	5.599e+05	-2.288e+05	-3.429e+05
336	21	6.532e+05	2.127e+05	-0.16	-0.51	0.0	9956.85	1294.96	1581.14	-2.518e+05	2.127e+05	6.532e+05
		2.178e+05	1.642e+05	-5.92e-03		64.3	9956.85	3261.48	1581.14	-2.508e+05	1.885e+05	4.075e+05
						128.6	9956.85	5284.75	1581.14	-2.501e+05	1.642e+05	2.178e+05
336	22	-5.554e+05	-5.467e+04	0.16	-0.33	0.0	-1.769e+04	-3841.35	-257.91	6.739e+04	-1.105e+05	-9.326e+05
		-9.326e+05	-1.105e+05	0.01		64.3	-1.769e+04	-3112.68	-257.91	6.558e+04	-8.256e+04	-8.067e+05
						128.6	-1.769e+04	-2051.37	-257.91	6.385e+04	-5.467e+04	-5.554e+05
336	23	5.871e+05	1.010e+05	-0.15	-0.45	0.0	1.140e+04	726.63	269.48	4.779e+04	1.010e+05	5.871e+05
		1.782e+05	4.667e+04	-0.01		64.3	1.140e+04	2858.74	269.48	5.057e+04	7.381e+04	3.529e+05
						128.6	1.140e+04	4698.86	269.48	5.341e+04	4.667e+04	1.782e+05
336	24	-5.950e+05	-1.722e+05	0.15	-0.26	0.0	-1.625e+04	-4409.68	-1569.57	3.670e+05	-2.222e+05	-9.861e+05
		-9.986e+05	-2.222e+05	6.61e-03		64.3	-1.625e+04	-3515.41	-1569.57	3.670e+05	-1.972e+05	-9.613e+05
						128.6	-1.625e+04	-2637.26	-1569.57	3.674e+05	-1.722e+05	-5.950e+05
336	45	-7425.80	1.344e+05	-0.04	-0.44	0.0	-1364.33	-955.42	268.45	-2.266e+05	1.344e+05	-7425.80
		-1.091e+05	1.250e+05	0.01		64.3	-1364.33	518.21	268.45	-2.274e+05	1.297e+05	-9.254e+04
						128.6	-1364.33	2317.84	268.45	-2.285e+05	1.250e+05	-1.052e+05
336	48	-2.720e+05	-1.330e+05	0.03	-0.30	0.0	-4927.90	-2159.30	-256.88	3.418e+05	-1.439e+05	-3.380e+05
		-3.659e+05	-1.439e+05	-9.32e-03		64.3	-4927.90	-772.14	-256.88	3.436e+05	-1.385e+05	-3.613e+05
						128.6	-4927.90	329.64	-256.88	3.457e+05	-1.330e+05	-2.720e+05
336	53	2.682e+05	1.206e+05	-0.09	-0.44	0.0	3787.83	-21.07	889.64	-1.140e+05	1.206e+05	2.682e+05
		2.819e+04	9.078e+04	-3.23e-03		64.3	3787.83	1689.81	889.64	-1.133e+05	1.057e+05	1.115e+05
						128.6	3787.83	3447.86	889.64	-1.127e+05	9.078e+04	2.819e+04
336	54	-3.833e+05	-3.093e+04	0.09	-0.34	0.0	-1.090e+04	-2764.59	-121.60	5.630e+04	-6.554e+04	-5.776e+05
		-5.786e+05	-6.554e+04	7.45e-03		64.3	-1.090e+04	-1716.93	-121.60	5.552e+04	-4.824e+04	-5.357e+05
						128.6	-1.090e+04	-474.82	-121.60	5.481e+04	-3.093e+04	-3.833e+05
336	55	2.321e+05	5.605e+04	-0.08	-0.40	0.0	4611.60	-350.13	133.17	5.889e+04	5.605e+04	2.321e+05
		6102.36	2.293e+04	-6.76e-03		64.3	4611.60	1462.99	133.17	6.063e+04	3.949e+04	8.188e+04
						128.6	4611.60	3122.31	133.17	6.244e+04	2.293e+04	6102.36
336	56	-4.054e+05	-9.878e+04	0.08	-0.30	0.0	-1.008e+04	-3093.65	-878.08	2.292e+05	-1.301e+05	-6.136e+05
		-6.137e+05	-1.301e+05	3.93e-03		64.3	-1.008e+04	-1943.75	-878.08	2.294e+05	-1.145e+05	-5.654e+05
						128.6	-1.008e+04	-800.38	-878.08	2.299e+05	-9.878e+04	-4.054e+05
336	69	-1.670e+05	-2647.15	5.35e-03	-0.35	0.0	-3009.17	-1477.24	-1.27	5.626e+04	-2647.15	-1.670e+05
		-2.180e+05	-2809.80	3.31e-04		64.3	-3009.17	-105.66	-1.27	5.672e+04	-2728.48	-2.179e+05
						128.6	-3009.17	1286.51	-1.27	5.724e+04	-2809.80	-1.801e+05
336	70	-1.862e+05	-6780.07	5.13e-03	-0.38	0.0	-3465.66	-1744.31	22.23	6.070e+04	-9638.33	-1.862e+05
		-2.486e+05	-9638.33	3.84e-04		64.3	-3465.66	-176.70	22.23	6.125e+04	-8209.20	-2.479e+05
						128.6	-3465.66	1410.61	22.23	6.186e+04	-6780.07	-2.085e+05
336	71	-1.670e+05	-2647.15	5.35e-03	-0.35	0.0	-3009.17	-1477.24	-1.27	5.626e+04	-2647.15	-1.670e+05
		-2.180e+05	-2809.80	3.31e-04		64.3	-3009.17	-105.66	-1.27	5.672e+04	-2728.48	-2.179e+05
						128.6	-3009.17	1286.51	-1.27	5.724e+04	-2809.80	-1.801e+05

336	72	-1.766e+05 -2.333e+05	-4794.94 -6142.74	5.24e-03 3.58e-04	-0.37	0.0 64.3 128.6	-3237.41 -3237.41 -3237.41	-1610.78 -141.18 1348.56	10.48 5.848e+04 10.48 5.898e+04 10.48 5.955e+04	-6142.74 -1.766e+05 -5468.84 -2.329e+05 -4794.94 -1.943e+05
336	73	-1.670e+05 -2.180e+05	-2647.15 -2809.80	5.35e-03 3.31e-04	-0.35	0.0 64.3 128.6	-3009.17 -3009.17 -3009.17	-1477.24 -105.66 1286.51	-1.27 5.626e+04 -1.27 5.672e+04 -1.27 5.724e+04	-2647.15 -1.670e+05 -2728.48 -2.179e+05 -2809.80 -1.801e+05
336	74	-1.727e+05 -2.272e+05	-4000.88 -4744.50	5.29e-03 3.47e-04	-0.36	0.0 64.3 128.6	-3146.12 -3146.12 -3146.12	-1557.36 -126.97 1323.74	5.78 5.759e+04 5.78 5.808e+04 5.78 5.863e+04	-4744.50 -1.727e+05 -4372.69 -2.269e+05 -4000.88 -1.886e+05
337	1	1.896e+04 -1.501e+05	4066.67 -5014.17	5.87e-04 -7.55e-05	-0.50	0.0 59.5 118.9	-342.59 -342.59 -342.59	-3338.52 -1379.79 578.48	76.34 4.945e+04 76.34 5.050e+04 76.34 5.161e+04	-5014.17 1.896e+04 -473.75 -1.213e+05 4066.67 -1.452e+05
337	2	1.686e+04 -1.809e+05	5316.96 -4383.81	8.54e-04 -1.01e-04	-0.55	0.0 59.5 118.9	-619.00 -619.00 -619.00	-3869.22 -1618.63 629.45	81.56 5.527e+04 81.56 5.650e+04 81.56 5.779e+04	-4383.81 1.686e+04 466.57 -1.463e+05 5316.96 -1.757e+05
337	3	1.458e+04 -1.155e+05	3128.21 -3857.05	4.52e-04 -5.80e-05	-0.39	0.0 59.5 118.9	-263.53 -263.53 -263.53	-2568.09 -1061.38 444.98	58.73 3.804e+04 58.73 3.885e+04 58.73 3.970e+04	-3857.05 1.458e+04 -364.42 -9.333e+04 3128.21 -1.117e+05
337	6	2.980e+04 -1.029e+05	3.606e+05 -7.859e+05	6.86e-03 -6.00e-03	-0.59	0.0 59.5 118.9	2255.42 2255.42 2255.42	-2028.77 -1208.02 -42.09	3475.71 -1.739e+05 3475.71 -1.691e+05 3475.71 -1.646e+05	-7.859e+05 2.980e+04 -2.127e+05 -9.235e+04 3.606e+05 -8.006e+04
337	7	-1470.97 -1.555e+05	7.784e+05 -3.538e+05	-6.66e-03 5.88e-03	-0.30	0.0 59.5 118.9	-2893.04 -2893.04 -2893.04	-3319.69 -1010.28 952.45	-3356.18 2.523e+05 -3356.18 2.492e+05 -3356.18 2.464e+05	7.784e+05 -1470.97 2.123e+05 -1.043e+05 -3.538e+05 -1.555e+05
337	21	4.962e+05 -9.673e+04	2.136e+05 -1.365e+05	-0.01 -2.84e-04	-0.47	0.0 59.5 118.9	6251.77 6251.77 6251.77	1521.36 2879.51 4366.19	2533.50 -1.257e+05 2533.50 -1.234e+05 2533.50 -1.213e+05	-1.365e+05 4.962e+05 1.425e+05 4.962e+05 2.136e+05 -9.673e+04
337	24	-1.388e+05 -4.678e+05	1.291e+05 -2.069e+05	0.01 1.76e-04	-0.35	0.0 59.5 118.9	-6889.40 -6889.40 -6889.40	-6869.82 -5097.80 -3455.84	-2413.96 2.041e+05 -2413.96 2.035e+05 -2413.96 2.032e+05	1.291e+05 -4.678e+05 -3.391e+05 -3.391e+05 -2.069e+05 -1.388e+05
337	38	2.932e+04 -1.082e+05	2.103e+05 -4.541e+05	3.95e-03 -3.47e-03	-0.51	0.0 59.5 118.9	1248.91 1248.91 1248.91	-2247.00 -1115.02 201.90	2039.10 -8.418e+04 2039.10 -8.107e+04 2039.10 -7.807e+04	2.932e+04 -3.47e-03 9.923e+04 2.932e+04 -9.598e+04 2.103e+05
337	39	-987.43 -1.399e+05	4.466e+05 -2.036e+05	-3.75e-03 3.34e-03	-0.33	0.0 59.5 118.9	-1886.53 -1886.53 -1886.53	-3101.47 -1103.28 708.45	-1919.56 1.626e+05 -1919.56 1.612e+05 -1919.56 1.599e+05	4.466e+05 -987.43 -1.046e+05 -1.046e+05 -2.036e+05 -1.396e+05
337	53	2.750e+05 -1.058e+05	1.205e+05 -8.067e+04	-7.50e-03 -1.73e-04	-0.44	0.0 59.5 118.9	3235.31 3235.31 3235.31	-400.89 1043.91 2557.34	1448.50 -5.211e+04 1448.50 -5.046e+04 1448.50 -4.887e+04	2.750e+05 -1.73e-04 3.213e+04 3.213e+04 1.205e+05 -1.058e+05
337	56	-1.298e+05 -2.502e+05	7.320e+04 -1.138e+05	7.30e-03 6.65e-05	-0.36	0.0 59.5 118.9	-3872.94 -3872.94 -3872.94	-4947.58 -3262.20 -1646.98	-1328.96 1.305e+05 -1328.96 1.306e+05 -1328.96 1.307e+05	7.320e+04 -2.467e+05 -2.288e+05 -2.288e+05 -1.138e+05 -1.298e+05
337	69	1.458e+04 -1.155e+05	3128.21 -3857.05	4.52e-04 -5.80e-05	-0.39	0.0 59.5 118.9	-263.53 -263.53 -263.53	-2568.09 -1061.38 444.98	58.73 3.804e+04 58.73 3.885e+04 58.73 3.970e+04	-3857.05 1.458e+04 -364.42 -9.333e+04 3128.21 -1.117e+05
337	70	1.318e+04 -1.360e+05	3961.73 -3436.82	6.24e-04 -7.53e-05	-0.42	0.0 59.5 118.9	-447.80 -447.80 -447.80	-2921.89 -1220.60 478.96	62.20 4.192e+04 62.20 4.285e+04 62.20 4.382e+04	-3436.82 1.318e+04 262.46 -1.100e+05 3961.73 -1.320e+05
337	71	1.458e+04 -1.155e+05	3128.21 -3857.05	4.52e-04 -5.80e-05	-0.39	0.0 59.5 118.9	-263.53 -263.53 -263.53	-2568.09 -1061.38 444.98	58.73 3.804e+04 58.73 3.885e+04 58.73 3.970e+04	-3857.05 1.458e+04 -364.42 -9.333e+04 3128.21 -1.117e+05
337	72	1.388e+04 -1.257e+05	3544.97 -3646.93	5.26e-04 -6.67e-05	-0.40	0.0 59.5 118.9	-355.67 -355.67 -355.67	-2744.99 -1140.99 461.97	60.46 3.998e+04 60.46 4.085e+04 60.46 4.176e+04	-3646.93 1.388e+04 -50.98 -1.017e+05 3544.97 -1.219e+05
337	73	1.458e+04 -1.155e+05	3128.21 -3857.05	4.52e-04 -5.80e-05	-0.39	0.0 59.5 118.9	-263.53 -263.53 -263.53	-2568.09 -1061.38 444.98	58.73 3.804e+04 58.73 3.885e+04 58.73 3.970e+04	-3857.05 1.458e+04 -364.42 -9.333e+04 3128.21 -1.117e+05
337	74	1.416e+04 -1.216e+05	3378.27 -3730.98	4.92e-04 -6.32e-05	-0.40	0.0 59.5 118.9	-318.81 -318.81 -318.81	-2674.23 -1109.15 455.18	59.77 3.920e+04 59.77 4.005e+04 59.77 4.094e+04	-3730.98 1.416e+04 -176.36 -9.832e+04 3378.27 -1.178e+05
338	1	6.356e+04 -8391.49	9009.89 -3779.87	2.03e-03 1.58e-04	-0.52	0.0 47.5 95.1	1588.31 1588.31 1588.31	-2229.17 -588.43 1046.44	-134.55 -4.635e+04 -134.55 -4.537e+04 -134.55 -4.443e+04	9009.89 6.356e+04 2615.01 -3374.90 -3779.87 7532.18
338	2	6.882e+04 -1.481e+04	1.042e+04 -2908.95	2.20e-03 1.75e-04	-0.57	0.0 47.5 95.1	1625.93 1625.93 1625.93	-2574.00 -691.79 1184.04	-140.28 -5.184e+04 -140.28 -5.072e+04 -140.28 -4.962e+04	1.042e+04 6.882e+04 -8758.26 1.042e+04 -2908.95 2963.74
338	3	4.889e+04 -6454.99	6930.69 -2907.59	1.56e-03 1.22e-04	-0.40	0.0 47.5 95.1	1221.78 1221.78 1221.78	-1714.74 -452.63 804.96	-103.50 -3.565e+04 -103.50 -3.490e+04 -103.50 -3.417e+04	6930.69 4.889e+04 2011.55 -2596.08 -2907.59 5793.99
338	13	2.808e+05 5.942e+04	2.376e+05 -5.496e+05	7.13e-03 -3.51e-03	-0.62	0.0 47.5 95.1	5856.64 5856.64 5856.64	925.97 1541.10 2322.25	3305.86 -4.715e+05 3305.86 -4.669e+05 3305.86 -4.626e+05	2.808e+05 -3.51e-03 1.178e+05 1.178e+05 2.376e+05 6.540e+04
338	14	8.550e+04 2.680e+04	2.664e+05 -5.806e+05	0.01 -6.10e-03	-0.60	0.0 47.5 95.1	4170.46 4170.46 4170.46	-1326.95 -637.80 230.52	3667.98 -3.585e+05 3667.98 -3.536e+05 3667.98 -3.490e+05	8.550e+04 -6.10e-03 2.753e+04 2.753e+04 2.664e+05 4.915e+04
338	15	1.438e+04 -4.981e+04	5.950e+05 -2.718e+05	-8.69e-03 6.35e-03	-0.31	0.0 47.5	-1711.85 -1711.85	-2240.48 -308.81	-3877.27 2.850e+05 -3877.27 2.817e+05	1.438e+04 -8.69e-03 -3.488e+04 -3.488e+04

						95.1	-1711.85	1434.42	-3877.27	2.786e+05	-2.718e+05	-3.939e+04	
338	16	-5.564e+04	5.640e+05	-3.94e-03	-0.29	0.0	-3398.04	-4493.39	-3515.16	3.980e+05	5.640e+05	-1.809e+05	
						47.5	-3398.04	-2487.72	-3515.16	3.950e+05	1.605e+05	-1.251e+05	
						95.1	-3398.04	-657.31	-3515.16	3.922e+05	-2.430e+05	-5.564e+04	
338	25	4.154e+05	2.564e+04	5.68e-03	-0.51	0.0	5174.89	2446.12	369.30	-3.385e+05	-1.128e+05	4.154e+05	
						47.5	5174.89	3435.68	369.30	-3.371e+05	-4.359e+04	1.696e+05	
						95.1	5174.89	4451.87	369.30	-3.358e+05	2.564e+04	4.769e+04	
338	28	-3.385e+04	1.273e+05	-8.87e-03	-0.33	0.0	-2716.28	-6013.54	-578.60	2.650e+05	1.273e+05	-3.156e+05	
						47.5	-2716.28	-4382.30	-578.60	2.651e+05	4.807e+04	-1.770e+05	
						95.1	-2716.28	-2786.92	-578.60	2.654e+05	-3.111e+04	-3.793e+04	
338	45	1.790e+05	1.361e+05	4.89e-03	-0.53	0.0	3856.94	-266.02	1869.57	-2.846e+05	-3.141e+05	1.790e+05	
						47.5	3856.94	644.84	1869.57	-2.817e+05	-8.898e+04	6.440e+04	
						95.1	3856.94	1648.12	1869.57	-2.789e+05	1.361e+05	3.970e+04	
338	46	7.473e+04	1.522e+05	7.41e-03	-0.52	0.0	2967.05	-1472.37	2063.02	-2.249e+05	-3.315e+05	7.473e+04	
						47.5	2967.05	-522.86	2063.02	-2.218e+05	-8.965e+04	1.638e+04	
						95.1	2967.05	526.07	2063.02	-2.188e+05	1.522e+05	3.045e+04	
338	47	2.515e+04	3.460e+05	-4.22e-03	-0.34	0.0	-508.45	-2095.05	-2272.32	1.514e+05	3.460e+05	2.515e+04	
						47.5	-508.45	-423.76	-2272.32	1.499e+05	9.413e+04	-2.372e+04	
						95.1	-508.45	1138.88	-2272.32	1.484e+05	-1.577e+05	-2.069e+04	
338	48	-2.994e+04	3.285e+05	-1.74e-03	-0.33	0.0	-1398.33	-3301.40	-2078.87	2.111e+05	3.285e+05	-7.914e+04	
						47.5	-1398.33	-1591.45	-2078.87	2.097e+05	9.347e+04	-7.174e+04	
						95.1	-1398.33	16.83	-2078.87	2.084e+05	-1.415e+05	-2.994e+04	
338	57	2.469e+05	1.440e+04	2.23e-03	-0.46	0.0	3367.25	501.24	194.22	-2.016e+05	-6.264e+04	2.469e+05	
						47.5	3367.25	1633.13	194.22	-2.004e+05	-2.412e+04	8.958e+04	
						95.1	3367.25	2778.94	194.22	-1.994e+05	1.440e+04	2.935e+04	
338	60	-1.918e+04	7.706e+04	-5.42e-03	-0.36	0.0	-908.65	-4068.66	-403.51	1.281e+05	7.706e+04	-1.470e+05	
						47.5	-908.65	-2579.75	-403.51	1.285e+05	2.860e+04	-9.693e+04	
						95.1	-908.65	-1113.99	-403.51	1.289e+05	-1.987e+04	-1.959e+04	
338	69	4.889e+04	6930.69	1.56e-03	-0.40	0.0	1221.78	-1714.74	-103.50	-3.565e+04	6930.69	4.889e+04	
						47.5	1221.78	-452.63	-103.50	-3.490e+04	2011.55	-2596.08	
						95.1	1221.78	804.96	-103.50	-3.417e+04	-2907.59	5793.99	
338	70	5.240e+04	7873.90	1.67e-03	-0.44	0.0	1246.86	-1944.63	-107.32	-3.932e+04	7873.90	5.240e+04	
						47.5	1246.86	-521.55	-107.32	-3.846e+04	2773.46	-6184.98	
						95.1	1246.86	896.68	-107.32	-3.763e+04	-2326.98	2748.36	
338	71	4.889e+04	6930.69	1.56e-03	-0.40	0.0	1221.78	-1714.74	-103.50	-3.565e+04	6930.69	4.889e+04	
						47.5	1221.78	-452.63	-103.50	-3.490e+04	2011.55	-2596.08	
						95.1	1221.78	804.96	-103.50	-3.417e+04	-2907.59	5793.99	
338	72	5.065e+04	7402.29	1.62e-03	-0.42	0.0	1234.32	-1829.69	-105.41	-3.748e+04	7402.29	5.065e+04	
						47.5	1234.32	-487.09	-105.41	-3.668e+04	2392.50	-4390.53	
						95.1	1234.32	850.82	-105.41	-3.590e+04	-2617.29	4271.17	
338	73	4.889e+04	6930.69	1.56e-03	-0.40	0.0	1221.78	-1714.74	-103.50	-3.565e+04	6930.69	4.889e+04	
						47.5	1221.78	-452.63	-103.50	-3.490e+04	2011.55	-2596.08	
						95.1	1221.78	804.96	-103.50	-3.417e+04	-2907.59	5793.99	
338	74	4.994e+04	7213.65	1.60e-03	-0.41	0.0	1229.30	-1783.71	-104.65	-3.675e+04	7213.65	4.994e+04	
						47.5	1229.30	-473.31	-104.65	-3.597e+04	2240.12	-3672.75	
						95.1	1229.30	832.47	-104.65	-3.521e+04	-2733.41	4880.30	
339	2	-9.752e+04	-1.188e+04	-0.02	-0.52	0.0	-4068.35	-4261.84	-9.82	-8.038e+04	-1.188e+04	-9.752e+04	
						69.8	-4068.35	-1879.08	-9.82	-7.923e+04	-1.257e+04	-3.112e+05	
						139.6	-4068.35	404.44	-9.82	-7.817e+04	-1.325e+04	-3.623e+05	
339	3	-5.650e+04	-5896.65	-0.02	-0.37	0.0	-2526.43	-2851.22	17.60	-5.641e+04	-8353.84	-5.650e+04	
						69.8	-2526.43	-1262.05	17.60	-5.566e+04	-7125.25	-1.996e+05	
						139.6	-2526.43	257.09	17.60	-5.498e+04	-5896.65	-2.344e+05	
339	21	1.954e+05	-5.366e+04	0.02	-0.51	0.0	-4395.44	1375.36	2498.51	-1.822e+05	-2.679e+05	1.954e+05	
						69.8	-4395.44	2268.64	2498.51	-1.803e+05	-1.608e+05	-1.546e+05	
						139.6	-4395.44	3131.17	2498.51	-1.787e+05	-5.366e+04	7377.60	
339	22	-2.311e+05	4.703e+05	0.02	-0.30	0.0	-1387.47	-6681.62	-1549.15	-7.229e+04	4.703e+05	-2.939e+05	
						69.8	-1387.47	-4524.29	-1549.15	-7.123e+04	3.146e+05	-2.446e+05	
						139.6	-1387.47	-2384.90	-1549.15	-7.021e+04	1.588e+05	-4.663e+05	
339	23	1.713e+05	-1.729e+05	-0.01	-0.45	0.0	-3978.99	757.07	1571.26	-4.335e+04	-4.874e+05	1.713e+05	
						69.8	-3978.99	1904.82	1571.26	-4.284e+04	-3.301e+05	-1.753e+05	
						139.6	-3978.99	2927.16	1571.26	-4.244e+04	-1.729e+05	-2.544e+04	
339	25	1.938e+05	-6.081e+04	0.02	-0.52	0.0	-4513.25	1453.91	2569.10	-2.084e+05	-4.443e+05	1.938e+05	
						69.8	-4513.25	2266.43	2569.10	-2.061e+05	-2.526e+05	-1.514e+05	
						139.6	-4513.25	3085.25	2569.10	-2.042e+05	-6.081e+04	9273.48	
339	28	-2.527e+05	4.272e+05	-0.02	-0.26	0.0	-853.20	-7378.46	-2546.99	9.277e+04	4.272e+05	-3.164e+05	
						69.8	-853.20	-4885.90	-2546.99	9.207e+04	2.370e+05	-2.685e+05	
						139.6	-853.20	-2542.99	-2546.99	9.154e+04	4.678e+04	-5.011e+05	
339	38	-7.825e+04	2.610e+05	0.03	-0.41	0.0	-2836.81	-3005.18	569.71	-1.813e+05	2.610e+05	-7.825e+04	
						69.8	-2836.81	-1501.05	569.71	-1.792e+05	1.924e+05	-1.977e+05	
						139.6	-2836.81	19.95	569.71	-1.773e+05	1.239e+05	-2.515e+05	
339	39	-4.438e+04	-1.379e+05	-0.01	-0.35	0.0	-2529.64	-2919.37	-547.60	6.565e+04	-2.781e+05	-4.438e+04	
						69.8	-2529.64	-1118.42	-547.60	6.513e+04	-2.080e+05	-2.223e+05	
						139.6	-2529.64	522.32	-547.60	6.469e+04	-1.379e+05	-2.403e+05	
339	53	7.734e+04	-2.888e+04	0.02	-0.45	0.0	-3638.39	-636.05	1382.28	-1.290e+05	-1.438e+05	7.734e+04	
						69.8	-3638.39	604.67	1382.28	-1.276e+05	-8.634e+04	-1.791e+05	
						139.6	-3638.39	1796.09	1382.28	-1.264e+05	-2.888e+04	-1.112e+05	
339	57	7.660e+04	-3.286e+04	0.02	-0.45	0.0	-3705.16	-592.34	1423.50	-1.443e+05	-2.453e+05	7.660e+04	

		-1.784e+05	-2.453e+05	-5.80e-03		69.8	-3705.16	603.02	1423.50	-1.427e+05	-1.391e+05	-1.772e+05
						139.6	-3705.16	1770.78	1423.50	-1.413e+05	-3.286e+04	-1.102e+05
339	60	-1.992e+05	2.282e+05	-0.02	-0.31	0.0	-1661.30	-5332.21	-1401.39	2.866e+04	2.282e+05	-1.992e+05
		-3.816e+05	1.883e+04	5.11e-03		69.8	-1661.30	-3222.49	-1401.39	2.864e+04	1.235e+05	-2.427e+05
						139.6	-1661.30	-1228.51	-1401.39	2.868e+04	1.883e+04	-3.816e+05
339	69	-5.650e+04	-5896.65	-0.02	-0.37	0.0	-2526.43	-2851.22	17.60	-5.641e+04	-8353.84	-5.650e+04
		-2.358e+05	-8353.84	-3.50e-04		69.8	-2526.43	-1262.05	17.60	-5.566e+04	-7125.25	-1.996e+05
						139.6	-2526.43	257.09	17.60	-5.498e+04	-5896.65	-2.344e+05
339	70	-7.255e+04	-9036.38	-0.02	-0.40	0.0	-3049.09	-3221.39	-4.20	-6.111e+04	-9036.38	-7.255e+04
		-2.745e+05	-9622.87	-3.34e-04		69.8	-3049.09	-1420.99	-4.20	-6.024e+04	-9329.62	-2.341e+05
						139.6	-3049.09	303.90	-4.20	-5.945e+04	-9622.87	-2.728e+05
339	71	-5.650e+04	-5896.65	-0.02	-0.37	0.0	-2526.43	-2851.22	17.60	-5.641e+04	-8353.84	-5.650e+04
		-2.358e+05	-8353.84	-3.50e-04		69.8	-2526.43	-1262.05	17.60	-5.566e+04	-7125.25	-1.996e+05
						139.6	-2526.43	257.09	17.60	-5.498e+04	-5896.65	-2.344e+05
339	72	-6.452e+04	-7759.76	-0.02	-0.38	0.0	-2787.76	-3036.31	6.70	-5.876e+04	-8695.11	-6.452e+04
		-2.551e+05	-8695.11	-3.42e-04		69.8	-2787.76	-1341.52	6.70	-5.795e+04	-8227.44	-2.169e+05
						139.6	-2787.76	280.50	6.70	-5.722e+04	-7759.76	-2.536e+05
339	73	-5.650e+04	-5896.65	-0.02	-0.37	0.0	-2526.43	-2851.22	17.60	-5.641e+04	-8353.84	-5.650e+04
		-2.358e+05	-8353.84	-3.50e-04		69.8	-2526.43	-1262.05	17.60	-5.566e+04	-7125.25	-1.996e+05
						139.6	-2526.43	257.09	17.60	-5.498e+04	-5896.65	-2.344e+05
339	74	-6.131e+04	-7014.52	-0.02	-0.37	0.0	-2683.23	-2962.27	11.06	-5.782e+04	-8558.60	-6.131e+04
		-2.474e+05	-8558.60	-3.45e-04		69.8	-2683.23	-1309.73	11.06	-5.704e+04	-7786.56	-2.100e+05
						139.6	-2683.23	271.13	11.06	-5.632e+04	-7014.52	-2.459e+05
340	1	-1.045e+05	-104.10	2.93e-03	-0.45	0.0	-5074.45	-128.17	-17.73	-5.005e+04	-104.10	-4.023e+05
		-4.023e+05	-2765.92	-5.80e-04		75.1	-5074.45	1981.71	-17.73	-5.049e+04	-1435.01	-3.326e+05
						150.1	-5074.45	4099.79	-17.73	-5.100e+04	-2765.92	-1.045e+05
340	2	-1.108e+05	1.210e+04	3.96e-03	-0.50	0.0	-5955.54	-37.81	-5.06	-8.166e+04	1.210e+04	-4.758e+05
		-4.758e+05	1.134e+04	-1.01e-03		75.1	-5955.54	2428.72	-5.06	-8.217e+04	1.172e+04	-3.860e+05
						150.1	-5955.54	4910.95	-5.06	-8.281e+04	1.134e+04	-1.108e+05
340	3	-8.042e+04	-80.08	2.25e-03	-0.35	0.0	-3903.42	-98.59	-13.64	-3.850e+04	-80.08	-3.094e+05
		-3.094e+05	-2127.63	-4.46e-04		75.1	-3903.42	1524.39	-13.64	-3.884e+04	-1103.85	-2.558e+05
						150.1	-3903.42	3153.68	-13.64	-3.923e+04	-2127.63	-8.042e+04
340	4	-8.667e+04	1.212e+04	3.31e-03	-0.40	0.0	-4784.51	-8.23	-0.97	-7.011e+04	1.212e+04	-3.830e+05
		-3.830e+05	1.198e+04	-8.80e-04		75.1	-4784.51	1971.40	-0.97	-7.052e+04	1.205e+04	-3.093e+05
						150.1	-4784.51	3964.84	-0.97	-7.104e+04	1.198e+04	-8.667e+04
340	13	2.618e+05	5.486e+05	0.05	-0.49	0.0	-1.100e+04	966.06	2555.70	-6.312e+05	-5.642e+05	-1.068e+05
		-1.068e+05	-5.642e+05	-2.81e-03		75.1	-1.100e+04	2747.22	2555.70	-6.290e+05	-7804.88	976.85
						150.1	-1.100e+04	4603.40	2555.70	-6.276e+05	5.486e+05	2.618e+05
340	16	-4.251e+05	5.689e+05	-0.05	-0.30	0.0	2844.08	-1127.10	-2577.91	5.416e+05	5.689e+05	-5.415e+05
		-5.533e+05	-5.472e+05	1.75e-03		75.1	2844.08	480.37	-2577.91	5.386e+05	1.086e+05	-5.340e+05
						150.1	2844.08	2028.43	-2577.91	5.364e+05	-5.472e+05	-4.251e+05
340	18	1.649e+05	2.532e+05	0.03	-0.38	0.0	-1.178e+04	770.69	-1654.35	3.782e+05	-1.390e+05	-1.299e+05
		-1.299e+05	-1.390e+05	1.25e-03		75.1	-1.178e+04	1981.78	-1654.35	3.757e+05	5.714e+04	-1.638e+04
						150.1	-1.178e+04	3158.52	-1654.35	3.737e+05	2.532e+05	1.649e+05
340	19	-3.282e+05	1.437e+05	-0.03	-0.37	0.0	3619.24	-931.73	1632.14	-4.678e+05	1.437e+05	-5.184e+05
		-5.392e+05	-2.518e+05	-2.31e-03		75.1	3619.24	1245.81	1632.14	-4.660e+05	-5.408e+04	-5.167e+05
						150.1	3619.24	3473.31	1632.14	-4.649e+05	-2.518e+05	-3.282e+05
340	25	1.813e+05	6.557e+05	0.06	-0.59	0.0	-5097.91	561.59	7419.15	-1.810e+06	-8.373e+05	-2.188e+05
		-2.196e+05	-8.373e+05	-9.37e-03		75.1	-5097.91	3233.45	7419.15	-1.802e+06	-9.079e+04	-1.585e+05
						150.1	-5097.91	6113.39	7419.15	-1.797e+06	6.557e+05	1.813e+05
340	28	-3.446e+05	8.420e+05	-0.05	-0.29	0.0	-3061.37	-722.63	-7441.36	1.721e+06	8.420e+05	-4.295e+05
		-4.295e+05	-6.543e+05	8.31e-03		75.1	-3061.37	-5.86	-7441.36	1.712e+06	9.384e+04	-3.746e+05
						150.1	-3061.37	518.44	-7441.36	1.706e+06	-6.543e+05	-3.446e+05
340	45	1.142e+05	3.121e+05	0.03	-0.43	0.0	-8084.76	519.34	1354.15	-3.550e+05	-3.148e+05	-1.993e+05
		-1.993e+05	-3.148e+05	-1.71e-03		75.1	-8084.76	2248.97	1354.15	-3.540e+05	-1323.51	-1.124e+05
						150.1	-8084.76	4022.39	1354.15	-3.535e+05	3.121e+05	1.142e+05
340	48	-2.776e+05	3.195e+05	-0.03	-0.33	0.0	-74.51	-680.38	-1376.36	2.653e+05	3.195e+05	-4.490e+05
		-4.541e+05	-3.107e+05	6.44e-04		75.1	-74.51	978.62	-1376.36	2.636e+05	4377.27	-4.206e+05
						150.1	-74.51	2609.44	-1376.36	2.623e+05	-3.107e+05	-2.776e+05
340	50	6.230e+04	1.499e+05	0.02	-0.37	0.0	-8508.34	412.48	-867.85	1.772e+05	-8.867e+04	-2.118e+05
		-2.118e+05	-8.867e+04	4.49e-04		75.1	-8508.34	1838.66	-867.85	1.757e+05	3.061e+04	-5.129e+05
						150.1	-8508.34	3249.95	-867.85	1.745e+05	1.499e+05	6.230e+04
340	51	-2.256e+05	9.339e+04	-0.02	-0.36	0.0	349.06	-573.52	845.64	-2.669e+05	9.339e+04	-4.365e+05
		-4.443e+05	-1.485e+05	-1.51e-03		75.1	349.06	1388.93	845.64	-2.661e+05	-2.755e+04	-4.111e+05
						150.1	349.06	3381.88	845.64	-2.657e+05	-1.485e+05	-2.256e+05
340	57	6.288e+04	3.638e+05	0.03	-0.48	0.0	-4705.33	278.23	3912.67	-9.758e+05	-4.497e+05	-2.650e+05
		-2.652e+05	-4.497e+05	-5.31e-03		75.1	-4705.33	2489.58	3912.67	-9.717e+05	-4.295e+04	-2.048e+05
						150.1	-4705.33	4816.06	3912.67	-9.691e+05	3.638e+05	6.288e+04
340	60	-2.262e+05	4.545e+05	-0.03	-0.32	0.0	-3453.95	-439.27	-3934.88	8.862e+05	4.545e+05	-3.833e+05
		-3.833e+05	-3.625e+05	4.24e-03		75.1	-3453.95	738.00	-3934.88	8.814e+05	4.601e+04	-3.282e+05
						150.1	-3453.95	1815.77	-3934.88	8.779e+05	-3.625e+05	-2.262e+05
340	69	-8.042e+04	-80.08	2.25e-03	-0.35	0.0	-3903.42	-98.59	-13.64	-3.850e+04	-80.08	-3.094e+05
		-3.094e+05	-2127.63	-4.46e-04		75.1	-3903.42	1524.39	-13.64	-3.884e+04	-1103.85	-2.558e+05
						150.1	-3903.42	3153.68	-13.64	-3.923e+04	-2127.63	-8.042e+04
340	70	-8.459e+04	8054.95	2.93e-03	-0.38	0.0	-4490.81	-38.35	-5.19	-5.957e+04	8054.95	-3.585e+05
		-3.585e+05	7275.58	-7.36e-04		75.1	-4490.81	1822.40	-5.19	-5.996e+04	7665.27	-2.914e+05
						150.1	-4490.81	3694.46	-5.19	-6.044e+04	7275.58	-8.459e+04

340	71	-8.042e+04 -3.094e+05	-80.08 -2127.63	2.25e-03 -4.46e-04	-0.35	0.0 75.1 150.1	-3903.42 -3903.42 -3903.42	-98.59 1524.39 3153.68	-13.64 -3.850e+04 -13.64 -3.884e+04 -13.64 -3.923e+04	-80.08 -3.094e+05 -1103.85 -2.558e+05 -2127.63 -8.042e+04
340	72	-8.250e+04 -3.340e+05	3987.44 2573.98	2.58e-03 -5.91e-04	-0.36	0.0 75.1 150.1	-4197.12 -4197.12 -4197.12	-68.47 1673.40 3424.07	-9.42 -4.904e+04 -9.42 -4.940e+04 -9.42 -4.983e+04	3987.44 -3.340e+05 3280.71 -2.736e+05 2360.43 -3.241e+05
340	73	-8.042e+04 -3.094e+05	-80.08 -2127.63	2.25e-03 -4.46e-04	-0.35	0.0 75.1 150.1	-3903.42 -3903.42 -3903.42	-98.59 1524.39 3153.68	-13.64 -3.850e+04 -13.64 -3.884e+04 -13.64 -3.923e+04	-80.08 -3.094e+05 -1103.85 -2.558e+05 -2127.63 -8.042e+04
340	74	-8.167e+04 -3.241e+05	2360.43 693.33	2.45e-03 -5.33e-04	-0.36	0.0 75.1 150.1	-4079.64 -4079.64 -4079.64	-80.52 1613.79 3315.91	-11.11 -4.482e+04 -11.11 -4.518e+04 -11.11 -4.559e+04	2360.43 -3.241e+05 1526.88 -2.665e+05 693.33 -8.167e+04
341	2	4.004e+05 1.745e+05	-8293.93 -2.934e+04	0.02 -7.05e-04	-0.66	0.0 72.0 144.0	5259.21 5259.21 5259.21	-4703.35 -1184.13 2229.75	-146.16 -4.535e+04 -146.16 -4.502e+04 -146.16 -4.475e+04	-8293.93 4.004e+05 1.890e+05 2.273e+05
341	3	2.647e+05 1.139e+05	-2094.28 -9911.57	0.02 -2.33e-04	-0.45	0.0 72.0 144.0	3512.88 3512.88 3512.88	-3126.52 -797.09 1462.29	-54.29 -2.385e+04 -54.29 -2.378e+04 -54.29 -2.374e+04	-2094.28 2.647e+05 -6002.93 1.239e+05 -9911.57 1.483e+05
341	13	4.483e+05 1.529e+05	9.578e+04 9837.66	-0.01 0.02	-0.55	0.0 72.0 144.0	1139.83 1139.83 1139.83	-2049.55 381.31 2779.57	719.40 -4.157e+05 719.40 -4.075e+05 719.40 -3.998e+05	9837.66 4.483e+05 2.152e+05 1.613e+05
341	16	1.491e+05 4.165e+04	-1.625e+04 -1.222e+05	0.03 -0.02	-0.52	0.0 72.0 144.0	6162.91 6162.91 6162.91	-4459.04 -2034.65 276.52	-858.21 3.623e+05 -858.21 3.543e+05 -858.21 3.467e+05	1.036e+05 4.372e+04 1.491e+05
341	25	4.144e+05 1.415e+05	2.120e+05 -6.881e+04	-2.99e-03 0.01	-0.71	0.0 72.0 144.0	1197.38 1197.38 1197.38	-2314.42 215.62 2740.56	1465.69 -1.194e+06 1465.69 -1.168e+06 1465.69 -1.143e+06	4.144e+05 1.969e+05 1.696e+05
341	28	1.407e+05 6.145e+04	6.239e+04 -2.384e+05	0.03 -0.01	-0.68	0.0 72.0 144.0	6105.36 6105.36 6105.36	-4194.17 -1868.97 315.53	-1604.50 1.141e+06 -1604.50 1.115e+06 -1604.50 1.090e+06	1.375e+05 6.196e+04 1.407e+05
341	45	3.742e+05 1.434e+05	4.701e+04 4147.60	-0.02 0.01	-0.51	0.0 72.0 144.0	2213.65 2213.65 2213.65	-2567.13 -139.00 2238.70	364.38 -2.328e+05 364.38 -2.284e+05 364.38 -2.244e+05	3.742e+05 1.783e+05 1.585e+05
341	48	1.777e+05 8.056e+04	-1.056e+04 -7.342e+04	0.02 -0.01	-0.49	0.0 72.0 144.0	5089.09 5089.09 5089.09	-3941.46 -1514.35 817.38	-503.18 1.794e+05 -503.18 1.752e+05 -503.18 1.713e+05	1.777e+05 8.056e+04 1.518e+05
341	57	3.518e+05 1.360e+05	1.080e+05 -4.085e+04	-9.41e-03 5.46e-03	-0.60	0.0 72.0 144.0	2273.69 2273.69 2273.69	-2739.11 -257.02 2188.64	745.99 -6.436e+05 745.99 -6.297e+05 745.99 -6.166e+05	3.518e+05 1.664e+05 1.629e+05
341	60	2.002e+05 9.153e+04	3.443e+04 -1.344e+05	0.03 -6.08e-03	-0.58	0.0 72.0 144.0	5029.05 5029.05 5029.05	-3769.48 -1396.32 867.45	-884.80 5.902e+05 -884.80 5.765e+05 -884.80 5.636e+05	2.002e+05 9.246e+04 1.474e+05
341	69	2.647e+05 1.139e+05	-2094.28 -9911.57	0.02 -2.33e-04	-0.45	0.0 72.0 144.0	3512.88 3512.88 3512.88	-3126.52 -797.09 1462.29	-54.29 -2.385e+04 -54.29 -2.378e+04 -54.29 -2.374e+04	-2094.28 2.647e+05 -6002.93 1.239e+05 -9911.57 1.483e+05
341	70	3.022e+05 1.315e+05	-5808.52 -2.088e+04	0.02 -5.01e-04	-0.50	0.0 72.0 144.0	3974.52 3974.52 3974.52	-3552.43 -895.70 1681.47	-104.68 -3.341e+04 -104.68 -3.318e+04 -104.68 -3.300e+04	3.022e+05 1.425e+05 1.713e+05
341	71	2.647e+05 1.139e+05	-2094.28 -9911.57	0.02 -2.33e-04	-0.45	0.0 72.0 144.0	3512.88 3512.88 3512.88	-3126.52 -797.09 1462.29	-54.29 -2.385e+04 -54.29 -2.378e+04 -54.29 -2.374e+04	-2094.28 2.647e+05 -6002.93 1.239e+05 -9911.57 1.483e+05
341	72	2.835e+05 1.227e+05	-3951.40 -1.540e+04	0.02 -3.67e-04	-0.48	0.0 72.0 144.0	3743.70 3743.70 3743.70	-3339.48 -846.40 1571.88	-79.48 -2.863e+04 -79.48 -2.848e+04 -79.48 -2.837e+04	2.835e+05 1.332e+05 1.598e+05
341	73	2.647e+05 1.139e+05	-2094.28 -9911.57	0.02 -2.33e-04	-0.45	0.0 72.0 144.0	3512.88 3512.88 3512.88	-3126.52 -797.09 1462.29	-54.29 -2.385e+04 -54.29 -2.378e+04 -54.29 -2.374e+04	-2094.28 2.647e+05 -6002.93 1.239e+05 -9911.57 1.483e+05
341	74	2.760e+05 1.192e+05	-3208.56 -1.320e+04	0.02 -3.13e-04	-0.47	0.0 72.0 144.0	3651.37 3651.37 3651.37	-3254.29 -826.67 1528.04	-69.40 -2.672e+04 -69.40 -2.660e+04 -69.40 -2.652e+04	-3208.56 2.760e+05 -8205.63 1.294e+05 1.552e+05
342	2	2.501e+05 1.005e+05	-5107.82 -2.592e+04	-7.00e-03 -5.43e-05	-0.69	0.0 72.0 144.0	3703.61 3703.61 3703.61	-3535.33 198.32 3962.34	-144.56 -1.875e+04 -144.56 -1.799e+04 -144.56 -1.726e+04	2.209e+05 1.005e+05 2.501e+05
342	3	1.638e+05 6.527e+04	-2375.85 -1.004e+04	-4.54e-03 -1.44e-05	-0.47	0.0 72.0 144.0	2476.64 2476.64 2476.64	-2348.65 123.88 2616.12	-53.22 -1.206e+04 -53.22 -1.176e+04 -53.22 -1.148e+04	1.455e+05 6.527e+04 1.638e+05
342	13	2.712e+05 1.234e+05	1.681e+05 7.215e+04	-0.02 -2.03e-04	-0.59	0.0 72.0 144.0	762.55 762.55 762.55	-1611.42 923.55 3489.71	-810.27 -1.081e+05 -810.27 -1.132e+05 -810.27 -1.203e+05	1.681e+05 1.294e+05 1.770e+05
342	20	1.655e+05 -4824.74	-9.508e+04 -1.455e+05	0.01 -1.23e-03	-0.56	0.0 72.0 144.0	4396.48 4396.48 4396.48	-3271.56 -659.13 1960.95	475.84 1.132e+05 475.84 1.055e+05 475.84 9.899e+04	3.259e+04 7060.71 1.655e+05
342	21	1.830e+05 8.241e+04	4.904e+05 2.168e+05	-0.02 1.82e-03	-0.80	0.0 72.0 144.0	899.03 899.03 899.03	-2173.08 349.26 2907.82	-1857.73 -1.798e+05 -1857.73 -1.978e+05 -1857.73 -2.223e+05	1.830e+05 8.241e+04 1.732e+05
342	24	1.693e+05 5.273e+04	-2.421e+05 -4.959e+05	0.02 -1.86e-03	-0.78	0.0 72.0	4247.84 4247.84	-2717.06 -86.59	1721.14 1.545e+05 1721.14 1.732e+05	1.207e+05 5.439e+04

						144.0	4247.84	2548.99	1721.14	1.984e+05	-2.421e+05	1.693e+05
342	33	2.055e+05	3.903e+05	-0.02	-0.79	0.0	727.17	-2042.09	-1387.69	-2.489e+05	3.903e+05	2.055e+05
		9.491e+04	2.073e+05	6.09e-03		72.0	727.17	493.28	-1387.69	-2.218e+05	2.988e+05	9.544e+04
						144.0	727.17	3074.67	-1387.69	-1.982e+05	2.073e+05	1.744e+05
342	36	1.681e+05	-2.326e+05	0.02	-0.77	0.0	4419.70	-2848.05	1251.09	2.236e+05	-3.959e+05	9.820e+04
		3.841e+04	-3.959e+05	-6.13e-03		72.0	4419.70	-230.61	1251.09	1.972e+05	3.142e+05	4.137e+04
						144.0	4419.70	2382.13	1251.09	1.744e+05	-2.326e+05	1.681e+05
342	49	2.207e+05	7.419e+04	-0.01	-0.54	0.0	1526.95	-1968.64	-359.66	-8.201e+04	7.419e+04	2.207e+05
		1.023e+05	3.251e+04	6.00e-04		72.0	1526.95	587.36	-359.66	-7.754e+04	5.335e+04	1.038e+05
						144.0	1526.95	3170.99	-359.66	-7.372e+04	3.251e+04	1.746e+05
342	52	1.679e+05	-5.774e+04	9.93e-03	-0.53	0.0	3619.92	-2921.49	223.06	5.665e+04	-7.975e+04	8.304e+04
		2.825e+04	-7.975e+04	-6.43e-04		72.0	3619.92	-324.69	223.06	5.293e+04	-6.875e+04	3.302e+04
						144.0	3619.92	2285.81	223.06	4.982e+04	-5.774e+04	1.679e+05
342	53	1.723e+05	2.631e+05	-0.01	-0.65	0.0	1622.23	-2293.03	-1013.68	-1.059e+05	2.631e+05	1.695e+05
		7.645e+04	1.144e+05	9.63e-04		72.0	1622.23	254.83	-1013.68	-1.148e+05	1.888e+05	7.645e+04
						144.0	1622.23	2831.59	-1013.68	-1.270e+05	1.144e+05	1.723e+05
342	56	1.702e+05	-1.397e+05	0.01	-0.64	0.0	3524.64	-2597.10	877.09	8.059e+04	-2.686e+05	1.342e+05
		5.954e+04	-2.686e+05	-1.01e-03		72.0	3524.64	7.84	877.09	9.018e+04	-2.041e+05	6.036e+04
						144.0	3524.64	2625.21	877.09	1.032e+05	-1.397e+05	1.702e+05
342	65	1.828e+05	2.070e+05	-0.01	-0.65	0.0	1524.31	-2214.11	-766.21	-1.412e+05	2.070e+05	1.828e+05
		8.395e+04	1.067e+05	3.25e-03		72.0	1524.31	339.91	-766.21	-1.272e+05	1.569e+05	8.395e+04
						144.0	1524.31	2927.42	-766.21	-1.151e+05	1.067e+05	1.730e+05
342	68	1.695e+05	-1.319e+05	0.01	-0.64	0.0	3622.56	-2676.03	629.62	1.158e+05	-2.126e+05	1.209e+05
		5.128e+04	-2.126e+05	-3.29e-03		72.0	3622.56	-77.24	629.62	1.026e+05	-1.723e+05	5.285e+04
						144.0	3622.56	2529.38	629.62	9.125e+04	-1.319e+05	1.695e+05
342	69	1.638e+05	-2375.85	-4.54e-03	-0.47	0.0	2476.64	-2348.65	-53.22	-1.206e+04	-2375.85	1.455e+05
		6.527e+04	-1.004e+04	-1.44e-05		72.0	2476.64	123.88	-53.22	-1.176e+04	-6208.03	6.527e+04
						144.0	2476.64	2616.12	-53.22	-1.148e+04	-1.004e+04	1.638e+05
342	70	1.886e+05	-3722.00	-5.27e-03	-0.52	0.0	2799.29	-2670.04	-103.47	-1.411e+04	-3722.00	1.666e+05
		7.570e+04	-1.862e+04	-3.81e-05		72.0	2799.29	148.73	-103.47	-1.356e+04	-1.117e+04	7.570e+04
						144.0	2799.29	2990.38	-103.47	-1.303e+04	-1.862e+04	1.886e+05
342	71	1.638e+05	-2375.85	-4.54e-03	-0.47	0.0	2476.64	-2348.65	-53.22	-1.206e+04	-2375.85	1.455e+05
		6.527e+04	-1.004e+04	-1.44e-05		72.0	2476.64	123.88	-53.22	-1.176e+04	-6208.03	6.527e+04
						144.0	2476.64	2616.12	-53.22	-1.148e+04	-1.004e+04	1.638e+05
342	72	1.762e+05	-3048.93	-4.90e-03	-0.50	0.0	2637.97	-2509.35	-78.35	-1.309e+04	-3048.93	1.561e+05
		7.049e+04	-1.433e+04	-2.63e-05		72.0	2637.97	136.30	-78.35	-1.266e+04	-8689.98	7.049e+04
						144.0	2637.97	2803.25	-78.35	-1.226e+04	-1.433e+04	1.762e+05
342	73	1.638e+05	-2375.85	-4.54e-03	-0.47	0.0	2476.64	-2348.65	-53.22	-1.206e+04	-2375.85	1.455e+05
		6.527e+04	-1.004e+04	-1.44e-05		72.0	2476.64	123.88	-53.22	-1.176e+04	-6208.03	6.527e+04
						144.0	2476.64	2616.12	-53.22	-1.148e+04	-1.004e+04	1.638e+05
342	74	1.713e+05	-2779.70	-4.76e-03	-0.49	0.0	2573.43	-2445.07	-68.30	-1.268e+04	-2779.70	1.519e+05
		6.840e+04	-1.261e+04	-2.15e-05		72.0	2573.43	131.34	-68.30	-1.230e+04	-7697.20	6.840e+04
						144.0	2573.43	2728.40	-68.30	-1.195e+04	-1.261e+04	1.713e+05
343	2	3.011e+05	-7179.48	-0.02	-0.66	0.0	3861.86	-3929.62	-117.27	-232.94	-7179.48	3.011e+05
		1.386e+05	-2.407e+04	4.70e-04		72.0	3861.86	-500.58	-117.27	691.72	-1.562e+04	1.412e+05
						144.0	3861.86	2996.96	-117.27	1617.30	-2.407e+04	2.307e+05
343	3	1.985e+05	-2280.71	-0.01	-0.45	0.0	2582.74	-2609.32	-46.99	-5192.46	-2280.71	1.985e+05
		9.037e+04	-9047.84	2.12e-04		72.0	2582.74	-336.23	-46.99	-4776.58	-5664.28	9.210e+04
						144.0	2582.74	1981.71	-46.99	-4367.08	-9047.84	1.511e+05
343	17	3.195e+05	2.061e+05	-0.01	-0.57	0.0	3783.48	-1967.96	-1438.52	-3.459e+05	2.061e+05	3.195e+05
		1.372e+05	-1.103e+05	5.11e-04		72.0	3783.48	398.26	-1438.52	-3.557e+05	4.794e+04	1.550e+05
						144.0	3783.48	2815.76	-1438.52	-3.661e+05	-1.103e+05	1.663e+05
343	20	1.496e+05	8.724e+04	0.01	-0.54	0.0	1583.72	-3465.68	1322.06	3.381e+05	-2.124e+05	9.469e+04
		3.558e+04	-2.124e+05	1.31e-04		72.0	1583.72	-1096.11	1322.06	3.489e+05	-6.257e+04	3.782e+04
						144.0	1583.72	1315.95	1322.06	3.603e+05	8.724e+04	1.496e+05
343	33	2.991e+05	5.155e+05	-0.02	-0.78	0.0	1257.25	-2017.81	-4187.74	-1.002e+06	5.155e+05	2.991e+05
		1.243e+05	-2.037e+05	-3.97e-03		72.0	1257.25	318.57	-4187.74	-1.036e+06	1.559e+05	1.393e+05
						144.0	1257.25	2693.79	-4187.74	-1.071e+06	-2.037e+05	1.661e+05
343	34	1.709e+05	1.535e+05	0.02	-0.75	0.0	5117.27	-3060.35	3978.02	9.664e+05	-4.863e+05	1.709e+05
		8.365e+04	-4.863e+05	5.48e-03		72.0	5117.27	-655.79	3978.02	1.001e+06	-1.664e+05	8.365e+04
						144.0	5117.27	1808.17	3978.02	1.037e+06	1.535e+05	1.537e+05
343	35	2.432e+05	4.800e+05	-0.02	-0.77	0.0	249.92	-2373.30	-4094.48	-9.741e+05	4.800e+05	2.432e+05
		1.029e+05	-1.766e+05	-4.98e-03		72.0	249.92	-42.06	-4094.48	-1.008e+06	1.517e+05	1.091e+05
						144.0	249.92	2323.55	-4094.48	-1.043e+06	-1.766e+05	1.622e+05
343	36	1.498e+05	1.806e+05	0.02	-0.76	0.0	4109.94	-3415.83	4071.28	9.944e+05	-5.217e+05	1.150e+05
		5.199e+04	-5.217e+05	4.47e-03		72.0	4109.94	-1016.41	4071.28	1.029e+06	-1.705e+05	5.351e+04
						144.0	4109.94	1437.93	4071.28	1.065e+06	1.806e+05	1.498e+05
343	49	2.712e+05	1.114e+05	-0.01	-0.52	0.0	3329.85	-2290.67	-790.78	-1.858e+05	1.114e+05	2.712e+05
		1.212e+05	-6.714e+04	4.54e-04		72.0	3329.85	76.77	-790.78	-1.907e+05	2.215e+04	1.299e+05
						144.0	3329.85	2493.78	-790.78	-1.959e+05	-6.714e+04	1.627e+05
343	52	1.532e+05	4.412e+04	0.01	-0.51	0.0	2037.35	-3142.98	674.32	1.781e+05	-1.177e+05	1.429e+05
		6.287e+04	-1.177e+05	9.61e-05		72.0	2037.35	-774.62	674.32	1.839e+05	-3.678e+04	6.287e+04
						144.0	2037.35	1637.94	674.32	1.901e+05	4.412e+04	1.532e+05
343	65	2.580e+05	2.756e+05	-0.02	-0.63	0.0	1903.47	-2332.46	-2240.60	-5.318e+05	2.756e+05	2.580e+05
		1.128e+05	-1.179e+05	-2.00e-03		72.0	1903.47	18.95	-2240.60	-5.493e+05	7.887e+04	1.203e+05
						144.0	1903.47	2413.12	-2240.60	-5.675e+05	-1.179e+05	1.624e+05
343	66	1.884e+05	7.927e+04	0.02	-0.61	0.0	4044.13	-2896.24	2072.82	5.085e+05	-2.615e+05	1.884e+05

		8.951e+04	-2.615e+05	3.09e-03		72.0	4044.13	-508.89	2072.82	5.269e+05	-9.112e+04	8.989e+04
						144.0	4044.13	1932.05	2072.82	5.461e+05	7.927e+04	1.558e+05
343	67	2.258e+05	2.553e+05	-0.02	-0.63	0.0	1323.07	-2537.41	-2189.28	-5.163e+05	2.553e+05	2.258e+05
		9.920e+04	-1.023e+05	-2.58e-03		72.0	1323.07	-188.96	-2189.28	-5.337e+05	7.649e+04	1.029e+05
						144.0	1323.07	2199.66	-2189.28	-5.519e+05	-1.023e+05	1.601e+05
343	68	1.561e+05	9.490e+04	0.02	-0.62	0.0	3463.72	-3101.19	2124.14	5.240e+05	-2.819e+05	1.561e+05
		7.251e+04	-2.819e+05	2.51e-03		72.0	3463.72	-716.80	2124.14	5.425e+05	-9.350e+04	7.251e+04
						144.0	3463.72	1718.59	2124.14	5.617e+05	9.490e+04	1.535e+05
343	69	1.985e+05	-2280.71	-0.01	-0.45	0.0	2582.74	-2609.32	-46.99	-5192.46	-2280.71	1.985e+05
		9.037e+04	-9047.84	2.12e-04		72.0	2582.74	-336.23	-46.99	-4776.58	-5664.28	9.210e+04
						144.0	2582.74	1981.71	-46.99	-4367.08	-9047.84	1.511e+05
343	70	2.272e+05	-5090.41	-0.01	-0.50	0.0	2918.94	-2967.66	-84.45	-847.62	-5090.41	2.272e+05
		1.045e+05	-1.725e+04	3.42e-04		72.0	2918.94	-378.55	-84.45	-175.73	-1.117e+04	1.064e+05
						144.0	2918.94	2262.20	-84.45	495.92	-1.725e+04	1.739e+05
343	71	1.985e+05	-2280.71	-0.01	-0.45	0.0	2582.74	-2609.32	-46.99	-5192.46	-2280.71	1.985e+05
		9.037e+04	-9047.84	2.12e-04		72.0	2582.74	-336.23	-46.99	-4776.58	-5664.28	9.210e+04
						144.0	2582.74	1981.71	-46.99	-4367.08	-9047.84	1.511e+05
343	72	2.128e+05	-3685.56	-0.01	-0.48	0.0	2750.84	-2788.49	-65.72	-3020.04	-3685.56	2.128e+05
		9.741e+04	-1.315e+04	2.77e-04		72.0	2750.84	-357.39	-65.72	-2476.16	-9417.42	9.925e+04
						144.0	2750.84	2121.96	-65.72	-1935.58	-1.315e+04	1.625e+05
343	73	1.985e+05	-2280.71	-0.01	-0.45	0.0	2582.74	-2609.32	-46.99	-5192.46	-2280.71	1.985e+05
		9.037e+04	-9047.84	2.12e-04		72.0	2582.74	-336.23	-46.99	-4776.58	-5664.28	9.210e+04
						144.0	2582.74	1981.71	-46.99	-4367.08	-9047.84	1.511e+05
343	74	2.071e+05	-3123.62	-0.01	-0.47	0.0	2683.60	-2716.82	-58.23	-3889.01	-3123.62	2.071e+05
		9.459e+04	-1.151e+04	2.51e-04		72.0	2683.60	-348.92	-58.23	-3396.32	-7316.16	9.639e+04
						144.0	2683.60	2065.86	-58.23	-2908.18	-1.151e+04	1.580e+05
344	1	-3.077e+05	-6282.00	8.08e-03	-0.43	0.0	-5320.17	-1555.81	7.48	-2.571e+04	-7404.89	-3.638e+05
		-4.108e+05	-7404.89	6.84e-04		75.1	-5320.17	367.47	7.48	-2.490e+04	-6843.45	-4.084e+05
						150.1	-5320.17	2327.49	7.48	-2.412e+04	-6282.00	-3.077e+05
344	2	-3.671e+05	1876.10	8.83e-03	-0.48	0.0	-6364.98	-1821.34	-24.36	-8259.24	1876.10	-4.292e+05
		-4.849e+05	-1781.49	1.32e-03		75.1	-6364.98	406.97	-24.36	-7242.05	47.30	-4.823e+05
						150.1	-6364.98	2675.44	-24.36	-6235.38	-1781.49	-3.671e+05
344	3	-2.367e+05	-4832.31	6.22e-03	-0.33	0.0	-4092.44	-1196.77	5.75	-1.978e+04	-5696.07	-2.798e+05
		-3.160e+05	-5696.07	5.26e-04		75.1	-4092.44	282.67	5.75	-1.915e+04	-5264.19	-3.142e+05
						150.1	-4092.44	1790.38	5.75	-1.855e+04	-4832.31	-2.367e+05
344	4	-2.961e+05	3584.92	6.97e-03	-0.38	0.0	-5137.25	-1462.30	-26.09	-2325.09	3584.92	-3.453e+05
		-3.901e+05	-331.80	1.17e-03		75.1	-5137.25	322.17	-26.09	-1496.59	1626.56	-3.881e+05
						150.1	-5137.25	2138.33	-26.09	-670.27	-331.80	-2.961e+05
344	18	-9.724e+04	5.523e+05	-0.09	-0.36	0.0	1258.40	-1455.03	252.25	3.871e+05	5.016e+05	-9.724e+04
		-1.953e+05	5.016e+05	-8.00e-03		75.1	1258.40	651.37	252.25	3.914e+05	5.270e+05	-1.925e+05
						150.1	1258.40	2575.61	252.25	3.962e+05	5.523e+05	-1.625e+05
344	19	-3.346e+05	-5.093e+05	0.07	-0.39	0.0	-9861.20	-1044.74	-253.48	-4.197e+05	-5.093e+05	-4.886e+05
		-4.943e+05	-5.602e+05	9.31e-03		75.1	-9861.20	-70.23	-253.48	-4.226e+05	-5.348e+05	-4.673e+05
						150.1	-9861.20	1144.33	-253.48	-4.261e+05	-5.602e+05	-3.346e+05
344	20	-4.285e+05	-2.173e+05	0.08	-0.32	0.0	-7978.71	-2173.98	2928.62	5.809e+05	-6.632e+05	-5.173e+05
		-5.565e+05	-6.632e+05	4.73e-03		75.1	-7978.71	-522.22	2928.62	5.858e+05	-4.403e+05	-5.500e+05
						150.1	-7978.71	1011.17	2928.62	5.917e+05	-2.173e+05	-4.285e+05
344	33	-5.208e+04	4.273e+05	-0.06	-0.61	0.0	-6053.32	740.03	-5705.56	-1.713e+06	4.273e+05	-1.821e+05
		-1.821e+05	-4.599e+05	6.37e-03		75.1	-6053.32	1219.93	-5705.56	-1.726e+06	-1.630e+04	-1.373e+05
						150.1	-6053.32	2316.57	-5705.56	-1.741e+06	-4.599e+05	-5.208e+04
344	34	-2.777e+05	6.829e+05	-0.07	-0.36	0.0	221.65	-3024.10	4901.42	1.622e+06	-8.555e+04	-2.777e+05
		-4.180e+05	-8.555e+04	-8.88e-03		75.1	221.65	-286.71	4901.42	1.636e+06	2.987e+05	-4.128e+05
						150.1	221.65	1872.70	4901.42	1.652e+06	6.829e+05	-3.652e+05
344	35	-1.319e+05	7.787e+04	0.06	-0.58	0.0	-8824.45	524.34	-4902.65	-1.655e+06	7.787e+04	-3.081e+05
		-3.081e+05	-6.908e+05	0.01		75.1	-8824.45	867.86	-4902.65	-1.667e+06	-3.065e+05	-2.451e+05
						150.1	-8824.45	1847.23	-4902.65	-1.682e+06	-6.908e+05	-1.319e+05
344	49	-1.468e+05	3.735e+05	-0.04	-0.41	0.0	-2145.64	-741.58	-1609.61	-3.351e+05	3.735e+05	-1.641e+05
		-2.035e+05	1.277e+05	-1.70e-03		75.1	-2145.64	750.47	-1609.61	-3.367e+05	2.506e+05	-2.033e+05
						150.1	-2145.64	2346.75	-1609.61	-3.388e+05	1.277e+05	-1.468e+05
344	50	-1.794e+05	3.085e+05	-0.05	-0.35	0.0	-1127.73	-1345.44	70.93	1.925e+05	2.902e+05	-1.794e+05
		-2.474e+05	2.902e+05	-4.38e-03		75.1	-1127.73	507.06	70.93	1.950e+05	2.993e+05	-2.471e+05
						150.1	-1127.73	2275.87	70.93	1.979e+05	3.085e+05	-1.967e+05
344	51	-3.004e+05	-2.979e+05	0.04	-0.37	0.0	-7475.07	-1154.32	-72.16	-2.251e+05	-2.979e+05	-4.064e+05
		-4.232e+05	-3.163e+05	5.69e-03		75.1	-7475.07	74.08	-72.16	-2.263e+05	-3.071e+05	-4.108e+05
						150.1	-7475.07	1444.07	-72.16	-2.278e+05	-3.163e+05	-3.004e+05
344	52	-3.503e+05	-1.355e+05	0.05	-0.33	0.0	-6457.17	-1758.19	1608.38	3.025e+05	-3.812e+05	-4.217e+05
		-4.593e+05	-3.812e+05	3.00e-03		75.1	-6457.17	-169.33	1608.38	3.054e+05	-2.584e+05	-4.546e+05
						150.1	-6457.17	1373.19	1608.38	3.088e+05	-1.355e+05	-3.503e+05
344	65	-1.423e+05	2.356e+05	-0.03	-0.48	0.0	-5198.50	-181.52	-3032.13	-9.121e+05	2.356e+05	-2.311e+05
		-2.381e+05	-2.386e+05	4.02e-03		75.1	-5198.50	797.71	-3032.13	-9.184e+05	-1495.61	-2.249e+05
						150.1	-5198.50	2113.51	-3032.13	-9.260e+05	-2.386e+05	-1.423e+05
344	69	-2.367e+05	-4832.31	6.22e-03	-0.33	0.0	-4092.44	-1196.77	5.75	-1.978e+04	-5696.07	-2.798e+05
		-3.160e+05	-5696.07	5.26e-04		75.1	-4092.44	282.67	5.75	-1.915e+04	-5264.19	-3.142e+05
						150.1	-4092.44	1790.38	5.75	-1.855e+04	-4832.31	-2.367e+05
344	70	-2.763e+05	491.26	6.72e-03	-0.36	0.0	-4788.98	-1373.79	-15.48	-8143.56	491.26	-3.235e+05
		-3.654e+05	-1831.97	9.53e-04		75.1	-4788.98	309.00	-15.48	-7381.57	-670.36	-3.635e+05
						150.1	-4788.98	2022.34	-15.48	-6630.31	-1831.97	-2.763e+05

344	71	-2.367e+05 -3.160e+05	-4832.31 -5696.07	6.22e-03 5.26e-04	-0.33	0.0 75.1 150.1	-4092.44 -4092.44 -4092.44	-1196.77 282.67 1790.38	5.75 -1.978e+04 5.75 -1.915e+04 5.75 -1.855e+04	-5696.07 -2.798e+05 -5264.19 -3.142e+05 -4832.31 -2.367e+05
344	72	-2.565e+05 -3.406e+05	-2602.41 -3332.14	6.47e-03 7.40e-04	-0.35	0.0 75.1 150.1	-4440.71 -4440.71 -4440.71	-1285.28 295.84 1906.36	-4.86 -1.396e+04 -4.86 -1.327e+04 -4.86 -1.259e+04	-2602.41 -3.016e+05 -2967.27 -3.388e+05 -3332.14 -2.565e+05
344	73	-2.367e+05 -3.160e+05	-4832.31 -5696.07	6.22e-03 5.26e-04	-0.33	0.0 75.1 150.1	-4092.44 -4092.44 -4092.44	-1196.77 282.67 1790.38	5.75 -1.978e+04 5.75 -1.915e+04 5.75 -1.855e+04	-5696.07 -2.798e+05 -5264.19 -3.142e+05 -4832.31 -2.367e+05
344	74	-2.486e+05 -3.308e+05	-3839.87 -3932.21	6.37e-03 6.54e-04	-0.34	0.0 75.1 150.1	-4301.40 -4301.40 -4301.40	-1249.88 290.57 1859.97	-0.62 -1.629e+04 -0.62 -1.562e+04 -0.62 -1.497e+04	-3839.87 -2.929e+05 -3886.04 -3.289e+05 -3932.21 -2.486e+05
353	1	5.301e+04 -3.549e+04	3893.36 -177.17	-0.01 5.04e-04	-0.47	0.0 42.3 84.6	956.13 956.13 956.13	-2290.92 -1033.23 196.37	-48.09 1.174e+05 -48.09 1.166e+05 -48.09 1.158e+05	3893.36 5.301e+04 1858.10 -1.724e+04 -177.17 -3.485e+04
353	2	6.380e+04 -3.034e+04	1.223e+04 1.170e+04	-0.01 6.17e-04	-0.52	0.0 42.3 84.6	1163.48 1163.48 1163.48	-2545.30 -1086.31 341.61	-6.33 1.331e+05 -6.33 1.321e+05 -6.33 1.312e+05	1.223e+04 6.380e+04 1.197e+04 -1.295e+04 1.170e+04 -2.860e+04
353	3	4.078e+04 -2.730e+04	2994.90 -136.28	-8.48e-03 3.88e-04	-0.37	0.0 42.3 84.6	735.48 735.48 735.48	-1762.25 -794.79 151.05	-36.99 9.031e+04 -36.99 8.969e+04 -36.99 8.911e+04	2994.90 4.078e+04 1429.31 -1.326e+04 -136.28 -2.681e+04
353	18	-7.196e+04 -2.035e+05	-1.727e+05 -2.487e+05	-0.18 -7.57e-03	-0.46	0.0 42.3 84.6	7089.79 7089.79 7089.79	-2309.27 -1503.03 -510.37	-3166.95 -1.620e+05 -3166.95 -1.609e+05 -3166.95 -1.598e+05	-1.727e+05 -7.196e+04 -2.107e+05 -1.552e+05 -2.487e+05 -2.035e+05
353	19	1.578e+05 1.304e+05	2.532e+05 1.820e+05	0.16 8.39e-03	-0.33	0.0 42.3 84.6	-5535.88 -5535.88 -5535.88	-1316.98 -107.78 870.58	3109.67 3.489e+05 3109.67 3.464e+05 3109.67 3.441e+05	1.820e+05 1.578e+05 1.170e+04 -2.860e+04 2.532e+05 1.524e+05
353	29	9.346e+05 6.661e+05	2.167e+05 8.759e+04	-0.07 -2.36e-03	-0.53	0.0 42.3 84.6	-1.601e+04 -1.601e+04 -1.601e+04	2625.31 3202.39 3635.03	-882.53 -2.605e+05 -882.53 -2.616e+05 -882.53 -2.628e+05	8.759e+04 6.661e+05 1.522e+05 7.896e+05 2.167e+05 9.346e+05
353	30	-5.292e+05 -9.105e+05	-1.158e+05 -1.632e+05	-0.09 -1.65e-03	-0.31	0.0 42.3 84.6	1.879e+04 1.879e+04 1.879e+04	-5854.39 -4522.84 -3075.48	1863.81 3.010e+05 1863.81 3.014e+05 1863.81 3.019e+05	-5.292e+05 -1.632e+05 -5.292e+05 -1.495e+04 -1.158e+05 -9.105e+05
353	31	8.594e+05 6.150e+05	1.725e+05 1.203e+05	0.07 2.47e-03	-0.50	0.0 42.3 84.6	-1.723e+04 -1.723e+04 -1.723e+04	2228.14 2912.02 3435.68	-1921.09 -1.142e+05 -1921.09 -1.158e+05 -1921.09 -1.175e+05	1.725e+05 6.150e+05 1.464e+05 7.243e+05 1.203e+05 8.594e+05
353	32	-5.802e+05 -9.857e+05	-7.827e+04 -2.122e+05	0.09 3.18e-03	-0.28	0.0 42.3 84.6	1.757e+04 1.757e+04 1.757e+04	-6251.56 -4813.21 -3274.82	825.25 4.474e+05 825.25 4.472e+05 825.25 4.472e+05	-7.827e+04 -5.802e+05 -1.453e+05 -8.144e+05 -2.122e+05 -9.857e+05
353	50	-1.495e+04 -1.153e+05	-9.673e+04 -1.424e+05	-0.11 -4.17e-03	-0.43	0.0 42.3 84.6	4159.06 4159.06 4159.06	-2040.23 -1154.56 -173.01	-1849.24 -5.726e+04 -1849.24 -5.687e+04 -1849.24 -5.651e+04	-9.673e+04 -1.495e+04 -8.397e+04 -1.495e+04 -1.424e+05 -1.153e+05
353	51	1.008e+05 5.570e+04	1.469e+05 1.061e+05	0.09 4.99e-03	-0.33	0.0 42.3 84.6	-2605.16 -2605.16 -2605.16	-1586.02 -456.25 533.21	1791.97 2.442e+05 1791.97 2.425e+05 1791.97 2.409e+05	1.061e+05 1.008e+05 1.265e+05 5.916e+04 1.469e+05 6.422e+04
353	61	4.850e+05 3.742e+05	1.257e+05 4.945e+04	-0.03 -1.24e-03	-0.45	0.0 42.3 84.6	-8094.32 -8094.32 -8094.32	552.42 1327.28 2015.08	-485.10 -9.792e+04 -485.10 -9.878e+04 -485.10 -9.969e+04	4.945e+04 3.742e+05 8.759e+04 4.141e+05 1.257e+05 4.850e+05
353	62	-2.588e+05 -4.927e+05	-6.597e+04 -8.906e+04	-0.05 -7.15e-04	-0.34	0.0 42.3 84.6	1.034e+04 1.034e+04 1.034e+04	-3948.37 -2771.24 -1542.83	1025.56 2.016e+05 1025.56 2.015e+05 1025.56 2.015e+05	-8.906e+04 -2.588e+05 -7.752e+04 -4.011e+05 -6.597e+04 -4.927e+05
353	63	4.416e+05 3.447e+05	9.839e+04 7.045e+04	0.04 1.54e-03	-0.43	0.0 42.3 84.6	-8785.68 -8785.68 -8785.68	322.12 1160.43 1903.03	-1082.83 -1.475e+04 -1082.83 -1.594e+04 -1082.83 -1.715e+04	9.839e+04 3.447e+05 8.442e+04 3.763e+05 7.045e+04 4.416e+05
353	64	-2.883e+05 -5.361e+05	-4.012e+04 -1.212e+05	0.05 2.06e-03	-0.32	0.0 42.3 84.6	9648.23 9648.23 9648.23	-4178.67 -2938.10 -1654.87	427.82 2.848e+05 427.82 2.844e+05 427.82 2.841e+05	-4.012e+04 -2.883e+05 -8.068e+04 -4.389e+05 -1.212e+05 -5.361e+05
353	69	4.078e+04 -2.730e+04	2994.90 -136.28	-8.48e-03 3.88e-04	-0.37	0.0 42.3 84.6	735.48 735.48 735.48	-1762.25 -794.79 151.05	-36.99 9.031e+04 -36.99 8.969e+04 -36.99 8.911e+04	2994.90 4.078e+04 1429.31 -1.326e+04 -136.28 -2.681e+04
353	70	4.797e+04 -2.385e+04	8555.40 7780.92	-9.26e-03 4.63e-04	-0.40	0.0 42.3 84.6	873.72 873.72 873.72	-1931.83 -830.18 247.88	-9.15 1.008e+05 -9.15 1.001e+05 -9.15 9.938e+04	8555.40 4.797e+04 8168.16 -1.040e+04 7780.92 -2.264e+04
353	71	4.078e+04 -2.730e+04	2994.90 -136.28	-8.48e-03 3.88e-04	-0.37	0.0 42.3 84.6	735.48 735.48 735.48	-1762.25 -794.79 151.05	-36.99 9.031e+04 -36.99 8.969e+04 -36.99 8.911e+04	2994.90 4.078e+04 1429.31 -1.326e+04 -136.28 -2.681e+04
353	72	4.437e+04 -2.551e+04	5775.15 3822.32	-8.87e-03 4.26e-04	-0.38	0.0 42.3 84.6	804.60 804.60 804.60	-1847.04 -812.49 199.47	-23.07 9.554e+04 -23.07 9.487e+04 -23.07 9.424e+04	5775.15 4.437e+04 4798.73 -1.183e+04 3822.32 -2.472e+04
353	73	4.078e+04 -2.730e+04	2994.90 -136.28	-8.48e-03 3.88e-04	-0.37	0.0 42.3 84.6	735.48 735.48 735.48	-1762.25 -794.79 151.05	-36.99 9.031e+04 -36.99 8.969e+04 -36.99 8.911e+04	2994.90 4.078e+04 1429.31 -1.326e+04 -136.28 -2.681e+04
353	74	4.293e+04 -2.619e+04	4663.05 2238.88	-8.71e-03 4.11e-04	-0.38	0.0 42.3 84.6	776.95 776.95 776.95	-1813.12 -805.41 180.10	-28.64 9.345e+04 -28.64 9.280e+04 -28.64 9.219e+04	4663.05 4.293e+04 3450.96 -1.240e+04 2238.88 -2.556e+04
354	2	-1.745e+05 -3.758e+05	2.244e+04 6109.96	3.17e-03 -2.50e-04	-0.53	0.0 75.0	-4169.08 -4169.08	-1476.97 1133.64	108.82 -3.796e+04 108.82 -3.992e+04	6109.96 -3.449e+05 1.427e+04 -3.577e+05

						150.1	-4169.08	3753.49	108.82	-4.194e+04	2.244e+04	-1.745e+05
354	3	-1.101e+05	1.561e+04	1.98e-03	-0.37	0.0	-2618.28	-999.41	74.72	-2.425e+04	4392.69	-2.224e+05
		-2.436e+05	4392.69	-1.57e-04		75.0	-2618.28	747.42	74.72	-2.554e+04	9998.99	-2.317e+05
						150.1	-2618.28	2499.10	74.72	-2.687e+04	1.561e+04	-1.101e+05
354	14	-1.835e+05	2.245e+05	-0.17	-0.53	0.0	1457.34	-725.83	-2629.66	-2.746e+05	2.245e+05	-2.155e+05
		-2.404e+05	-2.944e+05	-6.73e-03		75.0	1457.34	299.25	-2629.66	-2.708e+05	3.265e+05	-2.389e+05
						150.1	1457.34	2448.33	-2629.66	-2.674e+05	-2.944e+05	-1.835e+05
354	15	-4.927e+04	3.265e+05	0.18	-0.31	0.0	-7000.02	-1344.10	2783.78	2.235e+05	-2.156e+05	-2.515e+05
		-2.735e+05	-2.156e+05	6.40e-03		75.0	-7000.02	1260.39	2783.78	2.170e+05	5.547e+04	-2.471e+05
						150.1	-7000.02	2751.73	2783.78	2.108e+05	3.265e+05	-4.927e+04
354	29	5.349e+05	1.123e+05	-0.10	-0.46	0.0	-1.127e+04	2250.45	-181.04	-1.419e+05	1.123e+05	-8.958e+04
		-8.958e+04	2.855e+04	-5.01e-03		75.0	-1.127e+04	4160.42	-181.04	-1.421e+05	7.042e+04	1.487e+05
						150.1	-1.127e+04	6307.38	-181.04	-1.425e+05	2.855e+04	5.349e+05
354	32	-3.775e+05	3518.90	0.10	-0.32	0.0	5724.88	-4320.37	335.16	9.078e+04	-1.033e+05	-3.775e+05
		-7.676e+05	-1.033e+05	4.67e-03		75.0	5724.88	-2600.78	335.16	8.828e+04	-4.991e+04	-6.348e+05
						150.1	5724.88	-1107.33	335.16	8.592e+04	3518.90	-7.676e+05
354	34	-3.463e+05	4.475e+04	4.96e-03	-0.40	0.0	6753.58	-3717.09	-1041.39	-8.094e+04	4.475e+04	-3.463e+05
		-7.046e+05	-1.451e+05	-8.48e-04		75.0	6753.58	-2350.18	-1041.39	-8.071e+04	-5.018e+04	-5.754e+05
						150.1	6753.58	-719.97	-1041.39	-8.059e+04	-1.451e+05	-7.046e+05
354	35	4.719e+05	1.772e+05	-1.83e-03	-0.39	0.0	-1.230e+04	1647.17	1195.51	2.986e+04	-3.581e+04	-1.207e+05
		-1.207e+05	-3.581e+04	5.16e-04		75.0	-1.230e+04	3909.82	1195.51	2.694e+04	7.068e+04	8.934e+04
						150.1	-1.230e+04	5920.02	1195.51	2.405e+04	1.772e+05	4.719e+05
354	50	-1.688e+05	1.312e+05	-0.10	-0.47	0.0	-186.48	-924.02	-1480.66	-1.712e+05	1.312e+05	-2.198e+05
		-2.524e+05	-1.623e+05	-4.04e-03		75.0	-186.48	427.96	-1480.66	-1.696e+05	-1.557e+04	-2.485e+05
						150.1	-186.48	2430.74	-1480.66	-1.683e+05	-1.623e+05	-1.688e+05
354	51	-6.395e+04	1.944e+05	0.10	-0.33	0.0	-5356.21	-1145.90	1634.78	1.201e+05	-1.223e+05	-2.412e+05
		-2.605e+05	-1.223e+05	3.70e-03		75.0	-5356.21	1131.68	1634.78	1.159e+05	3.608e+04	-2.375e+05
						150.1	-5356.21	2769.32	1634.78	1.118e+05	1.944e+05	-6.395e+04
354	61	2.340e+05	6.615e+04	-0.05	-0.42	0.0	-7279.23	739.30	-72.08	-9.203e+04	6.615e+04	-1.558e+05
		-1.558e+05	2.257e+04	-2.85e-03		75.0	-7279.23	2596.73	-72.08	-9.270e+04	4.436e+04	-3.180e+04
						150.1	-7279.23	4587.23	-72.08	-9.351e+04	2.257e+04	2.340e+05
354	64	-3.112e+05	9504.99	0.06	-0.34	0.0	1736.54	-2809.22	226.20	4.095e+04	-5.720e+04	-3.112e+05
		-4.771e+05	-5.720e+04	2.51e-03		75.0	1736.54	-1037.09	226.20	3.893e+04	-2.385e+04	-4.542e+05
						150.1	1736.54	612.83	226.20	3.697e+04	9504.99	-4.668e+05
354	66	-2.931e+05	2.813e+04	-3.30e-03	-0.39	0.0	2320.81	-2458.85	-566.02	-5.801e+04	2.813e+04	-2.931e+05
		-4.399e+05	-7.620e+04	-6.65e-04		75.0	2320.81	-893.71	-566.02	-5.845e+04	-2.404e+04	-4.197e+05
						150.1	2320.81	829.75	-566.02	-5.899e+04	-7.620e+04	-4.303e+05
354	67	1.975e+05	1.083e+05	3.66e-03	-0.38	0.0	-7863.49	388.93	720.14	6929.52	-1.918e+04	-1.739e+05
		-1.739e+05	-1.918e+04	3.32e-04		75.0	-7863.49	2453.35	720.14	4683.38	4.454e+04	-6.633e+04
						150.1	-7863.49	4370.31	720.14	2446.15	1.083e+05	1.975e+05
354	69	-1.101e+05	1.561e+04	1.98e-03	-0.37	0.0	-2618.28	-999.41	74.72	-2.425e+04	4392.69	-2.224e+05
		-2.436e+05	4392.69	-1.57e-04		75.0	-2618.28	747.42	74.72	-2.554e+04	9998.99	-2.317e+05
						150.1	-2618.28	2499.10	74.72	-2.687e+04	1.561e+04	-1.101e+05
354	70	-1.310e+05	1.704e+04	2.38e-03	-0.40	0.0	-3128.49	-1117.90	82.51	-2.854e+04	4658.99	-2.596e+05
		-2.830e+05	4658.99	-1.87e-04		75.0	-3128.49	855.42	82.51	-3.002e+04	1.085e+04	-2.693e+05
						150.1	-3128.49	2835.54	82.51	-3.154e+04	1.704e+04	-1.310e+05
354	71	-1.101e+05	1.561e+04	1.98e-03	-0.37	0.0	-2618.28	-999.41	74.72	-2.425e+04	4392.69	-2.224e+05
		-2.436e+05	4392.69	-1.57e-04		75.0	-2618.28	747.42	74.72	-2.554e+04	9998.99	-2.317e+05
						150.1	-2618.28	2499.10	74.72	-2.687e+04	1.561e+04	-1.101e+05
354	72	-1.206e+05	1.632e+04	2.17e-03	-0.39	0.0	-2873.38	-1058.66	78.62	-2.640e+04	4525.84	-2.410e+05
		-2.633e+05	4525.84	-1.72e-04		75.0	-2873.38	801.42	78.62	-2.778e+04	1.042e+04	-2.505e+05
						150.1	-2873.38	2667.32	78.62	-2.920e+04	1.632e+04	-1.206e+05
354	73	-1.101e+05	1.561e+04	1.98e-03	-0.37	0.0	-2618.28	-999.41	74.72	-2.425e+04	4392.69	-2.224e+05
		-2.436e+05	4392.69	-1.57e-04		75.0	-2618.28	747.42	74.72	-2.554e+04	9998.99	-2.317e+05
						150.1	-2618.28	2499.10	74.72	-2.687e+04	1.561e+04	-1.101e+05
354	74	-1.164e+05	1.604e+04	2.09e-03	-0.38	0.0	-2771.34	-1034.96	77.06	-2.554e+04	4472.58	-2.335e+05
		-2.554e+05	4472.58	-1.66e-04		75.0	-2771.34	779.82	77.06	-2.688e+04	1.025e+04	-2.430e+05
						150.1	-2771.34	2600.03	77.06	-2.827e+04	1.604e+04	-1.164e+05
355	2	1.031e+05	-3154.97	-6.18e-03	-0.58	0.0	1308.93	-765.50	-59.21	-2.628e+04	-3154.97	-8.748e+04
		-9.469e+04	-1.020e+04	-2.11e-05		59.5	1308.93	1598.77	-59.21	-2.753e+04	-6676.56	-6.280e+04
						118.9	1308.93	3985.68	-59.21	-2.881e+04	-1.020e+04	1.031e+05
355	3	6.870e+04	-1506.08	-4.06e-03	-0.40	0.0	962.19	-550.83	-44.03	-1.849e+04	-1506.08	-5.389e+04
		-5.959e+04	-6743.18	-1.55e-05		59.5	962.19	1028.12	-44.03	-1.932e+04	-4124.63	-3.976e+04
						118.9	962.19	2621.93	-44.03	-2.016e+04	-6743.18	6.870e+04
355	17	2.368e+05	1.040e+05	-0.24	-0.62	0.0	-3194.26	1024.87	-3379.57	-2.639e+05	1.040e+05	1.339e+04
		-2.480e+04	-5.087e+05	7.33e-03		59.5	-3194.26	2469.86	-3379.57	-2.684e+05	-2.024e+05	2.218e+04
						118.9	-3194.26	4868.23	-3379.57	-2.732e+05	-5.087e+05	2.368e+05
355	20	-9.381e+04	4.947e+05	0.24	-0.31	0.0	5141.87	-2146.29	3290.72	2.261e+05	-1.075e+05	-1.281e+05
		-1.281e+05	-1.075e+05	-7.36e-03		59.5	5141.87	-308.74	3290.72	2.288e+05	1.936e+05	-1.061e+05
						118.9	5141.87	606.50	3290.72	2.318e+05	4.947e+05	-9.381e+04
355	33	3.597e+05	1.309e+04	-0.07	-0.48	0.0	-1928.24	2759.67	-2184.71	-1.436e+05	1.309e+04	6.035e+04
		-3.891e+04	-3.075e+05	2.34e-03		59.5	-1928.24	4310.43	-2184.71	-1.453e+05	-1.472e+05	4.899e+04
						118.9	-1928.24	6179.47	-2184.71	-1.472e+05	-3.075e+05	3.597e+05
355	36	-7.948e+04	2.934e+05	0.08	-0.36	0.0	3875.85	-3881.09	2095.86	1.057e+05	-1.658e+04	-1.751e+05
		-2.167e+05	-1.658e+04	-2.37e-03		59.5	3875.85	-2149.32	2095.86	1.057e+05	1.384e+05	-1.330e+05
						118.9	3875.85	-704.74	2095.86	1.059e+05	2.934e+05	-2.167e+05
355	49	1.633e+05	5.938e+04	-0.14	-0.53	0.0	-1402.92	315.06	-1957.95	-1.596e+05	5.938e+04	-1.783e+04

		-4.064e+04	-2.951e+05	4.22e-03		59.5	-1402.92	1840.56	-1957.95	-1.626e+05	-1.179e+05	-6005.80
						118.9	-1402.92	3925.79	-1957.95	-1.657e+05	-2.951e+05	1.633e+05
355	52	-2.041e+04	2.810e+05	0.14	-0.34	0.0	3350.53	-1436.49	1869.10	1.218e+05	-6.287e+04	-9.691e+04
		-9.691e+04	-6.287e+04	-4.25e-03		59.5	3350.53	320.56	1869.10	1.230e+05	1.091e+05	-7.796e+04
						118.9	3350.53	1548.94	1869.10	1.244e+05	2.810e+05	-2.041e+04
355	64	-7.047e+04	1.399e+05	0.05	-0.38	0.0	2545.82	-2408.92	923.83	4.187e+04	-3.847e+04	-1.239e+05
		-1.239e+05	-3.847e+04	1.18e-03		59.5	2545.82	-663.54	923.83	4.059e+04	5.070e+04	-8.962e+04
						118.9	2545.82	927.50	923.83	3.938e+04	1.399e+05	-7.917e+04
355	65	2.268e+05	7186.18	-0.04	-0.45	0.0	-610.79	1223.81	-1246.20	-8.875e+04	7186.18	6148.88
		-4.880e+04	-1.760e+05	1.33e-03		59.5	-610.79	2814.50	-1246.20	-9.013e+04	-8.442e+04	7180.57
						118.9	-610.79	4595.26	-1246.20	-9.161e+04	-1.760e+05	2.268e+05
355	69	6.870e+04	-1506.08	-4.06e-03	-0.40	0.0	962.19	-550.83	-44.03	-1.849e+04	-1506.08	-5.389e+04
		-5.959e+04	-6743.18	-1.55e-05		59.5	962.19	1028.12	-44.03	-1.932e+04	-4124.63	-3.976e+04
						118.9	962.19	2621.93	-44.03	-2.016e+04	-6743.18	6.870e+04
355	70	7.792e+04	-2304.12	-4.66e-03	-0.44	0.0	1000.91	-583.78	-45.35	-1.998e+04	-2304.12	-6.550e+04
		-7.107e+04	-7697.86	-1.62e-05		59.5	1000.91	1202.93	-45.35	-2.093e+04	-5000.99	-4.717e+04
						118.9	1000.91	3006.71	-45.35	-2.190e+04	-7697.86	7.792e+04
355	71	6.870e+04	-1506.08	-4.06e-03	-0.40	0.0	962.19	-550.83	-44.03	-1.849e+04	-1506.08	-5.389e+04
		-5.959e+04	-6743.18	-1.55e-05		59.5	962.19	1028.12	-44.03	-1.932e+04	-4124.63	-3.976e+04
						118.9	962.19	2621.93	-44.03	-2.016e+04	-6743.18	6.870e+04
355	72	7.331e+04	-1905.10	-4.36e-03	-0.42	0.0	981.55	-567.30	-44.69	-1.924e+04	-1905.10	-5.969e+04
		-6.533e+04	-7220.52	-1.59e-05		59.5	981.55	1115.52	-44.69	-2.012e+04	-4562.81	-4.346e+04
						118.9	981.55	2814.32	-44.69	-2.103e+04	-7220.52	7.331e+04
355	73	6.870e+04	-1506.08	-4.06e-03	-0.40	0.0	962.19	-550.83	-44.03	-1.849e+04	-1506.08	-5.389e+04
		-5.959e+04	-6743.18	-1.55e-05		59.5	962.19	1028.12	-44.03	-1.932e+04	-4124.63	-3.976e+04
						118.9	962.19	2621.93	-44.03	-2.016e+04	-6743.18	6.870e+04
355	74	7.147e+04	-1745.49	-4.24e-03	-0.41	0.0	973.81	-560.71	-44.42	-1.894e+04	-1745.49	-5.737e+04
		-6.303e+04	-7029.58	-1.57e-05		59.5	973.81	1080.56	-44.42	-1.980e+04	-4387.54	-4.198e+04
						118.9	973.81	2737.36	-44.42	-2.068e+04	-7029.58	7.147e+04
356	2	-2.138e+04	1.337e+04	0.02	-0.53	0.0	-2512.15	-93.87	-38.37	-8.466e+04	1.337e+04	-2.894e+05
		-2.894e+05	8436.06	-3.55e-04		64.3	-2512.15	2070.15	-38.37	-8.556e+04	1.090e+04	-2.264e+05
						128.6	-2512.15	4324.46	-38.37	-8.655e+04	8436.06	-2.138e+04
356	3	-6371.27	5441.10	0.02	-0.37	0.0	-1499.17	-44.50	-2.90	-5.961e+04	5441.10	-1.865e+05
		-1.865e+05	5067.67	-2.71e-04		64.3	-1499.17	1390.38	-2.90	-6.018e+04	5254.38	-1.435e+05
						128.6	-1499.17	2888.52	-2.90	-6.082e+04	5067.67	-6371.27
356	9	1.466e+05	2.193e+05	-0.24	-0.57	0.0	2373.45	1402.95	-4452.84	-6.672e+05	2.193e+05	-3.280e+04
		-4.661e+04	-7.418e+05	0.01		64.3	2373.45	3262.61	-4452.84	-6.716e+05	-2.612e+05	-3.708e+04
						128.6	2373.45	5618.14	-4452.84	-6.767e+05	-7.418e+05	1.466e+05
356	12	-1.646e+05	7.527e+05	0.24	-0.27	0.0	-5597.07	-1506.36	4433.19	5.451e+05	-2.059e+05	-3.590e+05
		-3.590e+05	-2.059e+05	-0.02		64.3	-5597.07	-376.79	4433.19	5.483e+05	-2.734e+05	-2.659e+05
						128.6	-5597.07	386.65	4433.19	5.521e+05	7.527e+05	-1.646e+05
356	29	1.643e+05	1.264e+04	-0.18	-0.49	0.0	2574.49	3131.06	-2138.35	-3.812e+05	1.264e+04	1.429e+05
		-2.609e+04	-2.946e+05	4.88e-03		64.3	2574.49	5115.77	-2138.35	-3.819e+05	-1.410e+05	-8814.28
						128.6	2574.49	7229.76	-2138.35	-3.832e+05	-2.946e+05	1.643e+05
356	32	-1.696e+05	3.055e+05	0.18	-0.29	0.0	-5798.11	-3234.47	2118.71	2.591e+05	764.22	-5.347e+05
		-5.347e+05	764.22	-5.42e-03		64.3	-5798.11	-2229.95	2118.71	2.587e+05	1.531e+05	-2.941e+05
						128.6	-5798.11	-1224.96	2118.71	2.585e+05	3.055e+05	-1.822e+05
356	37	7.102e+04	1.360e+05	-0.14	-0.49	0.0	558.35	662.03	-2524.10	-4.052e+05	1.360e+05	-1.132e+05
		-1.156e+05	-4.240e+05	8.46e-03		64.3	558.35	2331.15	-2524.10	-4.081e+05	-1.440e+05	-8.866e+04
						128.6	558.35	4327.62	-2524.10	-4.114e+05	-4.240e+05	7.102e+04
356	40	-8.900e+04	4.348e+05	0.14	-0.32	0.0	-3781.98	-765.44	2504.45	2.832e+05	-1.226e+05	-2.786e+05
		-2.786e+05	-1.226e+05	-9.00e-03		64.3	-3781.98	554.67	2504.45	2.848e+05	1.561e+05	-2.143e+05
						128.6	-3781.98	1677.18	2504.45	2.867e+05	4.348e+05	-8.900e+04
356	61	8.728e+04	1.011e+04	-0.11	-0.44	0.0	657.60	1649.29	-1215.01	-2.386e+05	1.011e+04	-1.602e+04
		-7.500e+04	-1.636e+05	2.70e-03		64.3	657.60	3406.05	-1215.01	-2.394e+05	-7.675e+04	-7.500e+04
						128.6	657.60	5271.30	-1215.01	-2.404e+05	-1.636e+05	8.728e+04
356	64	-1.053e+05	1.745e+05	0.11	-0.33	0.0	-3881.23	-1752.70	1195.36	1.165e+05	3289.11	-3.757e+05
		-3.757e+05	3289.11	-3.24e-03		64.3	-3881.23	-520.23	1195.36	1.161e+05	8.889e+04	-2.279e+05
						128.6	-3881.23	733.49	1195.36	1.158e+05	1.745e+05	-1.053e+05
356	69	-6371.27	5441.10	0.02	-0.37	0.0	-1499.17	-44.50	-2.90	-5.961e+04	5441.10	-1.865e+05
		-1.865e+05	5067.67	-2.71e-04		64.3	-1499.17	1390.38	-2.90	-6.018e+04	5254.38	-1.435e+05
						128.6	-1499.17	2888.52	-2.90	-6.082e+04	5067.67	-6371.27
356	70	-1.510e+04	9637.94	0.02	-0.40	0.0	-1874.66	-68.51	-25.97	-6.439e+04	9637.94	-2.178e+05
		-2.178e+05	6299.73	-2.73e-04		64.3	-1874.66	1565.49	-25.97	-6.506e+04	7968.84	-1.700e+05
						128.6	-1874.66	3268.11	-25.97	-6.581e+04	6299.73	-1.510e+04
356	71	-6371.27	5441.10	0.02	-0.37	0.0	-1499.17	-44.50	-2.90	-5.961e+04	5441.10	-1.865e+05
		-1.865e+05	5067.67	-2.71e-04		64.3	-1499.17	1390.38	-2.90	-6.018e+04	5254.38	-1.435e+05
						128.6	-1499.17	2888.52	-2.90	-6.082e+04	5067.67	-6371.27
356	72	-1.074e+04	7539.52	0.02	-0.39	0.0	-1686.91	-56.51	-14.44	-6.200e+04	7539.52	-2.021e+05
		-2.021e+05	5683.70	-2.72e-04		64.3	-1686.91	1477.93	-14.44	-6.262e+04	6611.61	-1.568e+05
						128.6	-1686.91	3078.31	-14.44	-6.331e+04	5683.70	-1.074e+04
356	73	-6371.27	5441.10	0.02	-0.37	0.0	-1499.17	-44.50	-2.90	-5.961e+04	5441.10	-1.865e+05
		-1.865e+05	5067.67	-2.71e-04		64.3	-1499.17	1390.38	-2.90	-6.018e+04	5254.38	-1.435e+05
						128.6	-1499.17	2888.52	-2.90	-6.082e+04	5067.67	-6371.27
356	74	-8991.23	6700.15	0.02	-0.38	0.0	-1611.81	-51.71	-9.82	-6.105e+04	6700.15	-1.959e+05
		-1.959e+05	5437.29	-2.72e-04		64.3	-1611.81	1442.91	-9.82	-6.165e+04	6068.72	-1.515e+05
						128.6	-1611.81	3002.40	-9.82	-6.232e+04	5437.29	-8991.23

357	1-2.720e+05	186.19	-0.02	-0.48	0.0	-4615.94	-3116.93	-17.38-5.006e+04	186.19-2.720e+05
	-4.324e+05	-2422.95	-5.59e-04		75.1	-4615.94	-850.09	-17.38-5.035e+04	-1118.38-4.200e+05
					150.1	-4615.94	1307.20	-17.38-5.072e+04	-2422.95-4.024e+05
357	2-3.282e+05	7750.42	-0.03	-0.53	0.0	-5584.11	-3602.91	12.08-8.176e+04	5936.62-3.282e+05
	-5.122e+05	5936.62	-1.17e-03		75.1	-5584.11	-963.88	12.08-8.203e+04	6843.52-4.986e+05
					150.1	-5584.11	1552.10	12.08-8.243e+04	7750.42-4.760e+05
357	3-2.092e+05	143.22	-0.02	-0.37	0.0	-3550.73	-2397.64	-13.37-3.851e+04	143.22-2.092e+05
	-3.326e+05	-1863.80	-4.30e-04		75.1	-3550.73	-653.92	-13.37-3.873e+04	-860.29-3.231e+05
					150.1	-3550.73	1005.54	-13.37-3.901e+04	-1863.80-3.095e+05
357	4-2.654e+05	8309.56	-0.02	-0.42	0.0	-4518.89	-2883.62	16.09-7.020e+04	5893.65-2.654e+05
	-4.125e+05	5893.65	-1.04e-03		75.1	-4518.89	-767.71	16.09-7.041e+04	7101.61-4.016e+05
					150.1	-4518.89	1250.44	16.09-7.072e+04	8309.56-3.831e+05
357	13-6.561e+04	-2.548e+05	0.01	-0.46	0.0	-1.001e+04	-1665.98	731.24-6.506e+05	-4.103e+05-6.561e+04
	-1.402e+05	-4.103e+05	-5.91e-03		75.1	-1.001e+04	195.11	731.24-6.465e+05	-3.326e+05-1.388e+05
					150.1	-1.001e+04	2000.52	731.24-6.434e+05	-2.548e+05-1.069e+05
357	16-3.753e+05	4.129e+05	-0.05	-0.37	0.0	2524.28	-3323.69	-746.19 5.609e+05	4.129e+05-3.753e+05
	-5.604e+05	2.551e+05	4.80e-03		75.1	2524.28	-1548.45	-746.19 5.564e+05	3.340e+05-5.388e+05
					150.1	2524.28	108.51	-746.19 5.527e+05	2.551e+05-5.416e+05
357	25-3.920e+04	1.232e+05	0.03	-0.58	0.0	-8147.76	-2165.49	4846.85-1.868e+06	7.347e+05-3.920e+04
	-2.188e+05	-7.347e+05	-0.01		75.1	-8147.76	208.91	4846.85-1.854e+06	-3.057e+05-1.654e+05
					150.1	-8147.76	2754.57	4846.85-1.844e+06	1.232e+05-2.188e+05
357	28-4.017e+05	7.372e+05	-0.06	-0.41	0.0	659.04	-2824.18	-4861.80 1.778e+06	7.372e+05-4.017e+05
	-5.125e+05	-1.229e+05	8.90e-03		75.1	659.04	-1562.26	-4861.80 1.764e+06	3.072e+05-5.122e+05
					150.1	659.04	-645.54	-4861.80 1.753e+06	-1.229e+05-4.297e+05
357	45-1.331e+05	-1.472e+05	8.75e-03	-0.42	0.0	-7335.64	-2016.67	349.01-3.653e+05	-2.262e+05-1.331e+05
	-2.292e+05	-2.262e+05	-3.65e-03		75.1	-7335.64	-183.32	349.01-3.633e+05	-1.867e+05-2.250e+05
					150.1	-7335.64	1578.65	349.01-3.618e+05	-1.472e+05-1.993e+05
357	48-3.079e+05	2.288e+05	-0.04	-0.37	0.0	-153.08	-2973.00	-363.96 2.757e+05	2.288e+05-3.079e+05
	-4.693e+05	1.476e+05	2.55e-03		75.1	-153.08	-1170.03	-363.96 2.732e+05	1.882e+05-4.526e+05
					150.1	-153.08	530.39	-363.96 2.711e+05	1.476e+05-4.492e+05
357	57-1.225e+05	6.980e+04	5.57e-03	-0.49	0.0	-6199.36	-2305.01	2550.90-1.006e+06	-3.900e+05-1.225e+05
	-2.689e+05	-3.900e+05	-5.98e-03		75.1	-6199.36	-196.96	2550.90-9.991e+05	-1.601e+05-2.442e+05
					150.1	-6199.36	1965.67	2550.90-9.937e+05	6.980e+04-2.651e+05
357	60-3.184e+05	3.926e+05	-0.04	-0.39	0.0	-1289.36	-2684.65	-2565.85 9.164e+05	3.926e+05-3.184e+05
	-4.363e+05	-6.946e+04	4.88e-03		75.1	-1289.36	-1156.39	-2565.85 9.090e+05	1.616e+05-4.334e+05
					150.1	-1289.36	143.37	-2565.85 9.029e+05	-6.946e+04-3.834e+05
357	69-2.092e+05	143.22	-0.02	-0.37	0.0	-3550.73	-2397.64	-13.37-3.851e+04	143.22-2.092e+05
	-3.326e+05	-1863.80	-4.30e-04		75.1	-3550.73	-653.92	-13.37-3.873e+04	-860.29-3.231e+05
					150.1	-3550.73	1005.54	-13.37-3.901e+04	-1863.80-3.095e+05
357	70-2.467e+05	4918.44	-0.02	-0.40	0.0	-4196.17	-2721.63	6.27-5.964e+04	3976.84-2.467e+05
	-3.858e+05	3976.84	-8.39e-04		75.1	-4196.17	-729.78	6.27-5.985e+04	4447.64-3.755e+05
					150.1	-4196.17	1168.81	6.27-6.015e+04	4918.44-3.586e+05
357	71-2.092e+05	143.22	-0.02	-0.37	0.0	-3550.73	-2397.64	-13.37-3.851e+04	143.22-2.092e+05
	-3.326e+05	-1863.80	-4.30e-04		75.1	-3550.73	-653.92	-13.37-3.873e+04	-860.29-3.231e+05
					150.1	-3550.73	1005.54	-13.37-3.901e+04	-1863.80-3.095e+05
357	72-2.280e+05	2060.03	-0.02	-0.38	0.0	-3873.45	-2559.63	-3.55-4.907e+04	2060.03-2.280e+05
	-3.592e+05	1527.32	-6.34e-04		75.1	-3873.45	-691.85	-3.55-4.929e+04	1793.67-3.493e+05
					150.1	-3873.45	1087.17	-3.55-4.958e+04	1527.32-3.340e+05
357	73-2.092e+05	143.22	-0.02	-0.37	0.0	-3550.73	-2397.64	-13.37-3.851e+04	143.22-2.092e+05
	-3.326e+05	-1863.80	-4.30e-04		75.1	-3550.73	-653.92	-13.37-3.873e+04	-860.29-3.231e+05
					150.1	-3550.73	1005.54	-13.37-3.901e+04	-1863.80-3.095e+05
357	74-2.205e+05	1293.31	-0.02	-0.38	0.0	-3744.36	-2494.83	-7.48-4.485e+04	1293.31-2.205e+05
	-3.486e+05	170.87	-5.52e-04		75.1	-3744.36	-676.67	-7.48-4.507e+04	732.09-3.388e+05
					150.1	-3744.36	1054.52	-7.48-4.535e+04	170.87-3.242e+05
358	1 3.442e+05	317.20	-9.63e-03	-0.60	0.0	4225.50	-561.95	-31.48-3.073e+04	317.20-2.462e+04
	-2.791e+04	-4215.32	-2.35e-04		72.0	4225.50	2567.48	-31.48-3.056e+04	-1949.06 4.780e+04
					144.0	4225.50	5657.33	-31.48-3.042e+04	-4215.32 3.442e+05
358	2 4.004e+05	-1051.44	-0.01	-0.67	0.0	4828.78	-617.06	-64.80-4.502e+04	-1051.44-3.322e+04
	-3.672e+04	-1.038e+04	-5.32e-04		72.0	4828.78	3018.53	-64.80-4.457e+04	-5717.29 5.349e+04
					144.0	4828.78	6608.67	-64.80-4.417e+04	-1.038e+04 4.004e+05
358	3 2.647e+05	244.00	-7.41e-03	-0.46	0.0	3250.38	-432.27	-24.21-2.364e+04	244.00-1.894e+04
	-2.147e+04	-3242.55	-1.81e-04		72.0	3250.38	1974.98	-24.21-2.351e+04	-1499.28 3.677e+04
					144.0	3250.38	4351.79	-24.21-2.340e+04	-3242.55 2.647e+05
358	13 4.483e+05	1.304e+05	-0.01	-0.56	0.0	-425.43	440.48	1524.72-4.024e+05	-1.266e+05 2.174e+04
	2.174e+04	-1.266e+05	-2.14e-04		72.0	-425.43	2974.98	1524.72-3.932e+05	1899.95 1.442e+05
					144.0	-425.43	5474.67	1524.72-3.845e+05	1.304e+05 4.483e+05
358	16 1.036e+05	1.265e+05	0.02	-0.54	0.0	7167.51	-1327.07	-1586.47 3.494e+05	1.265e+05-6.307e+04
	-8.797e+04	-1.394e+05	-2.71e-04		72.0	7167.51	1155.41	-1586.47 3.406e+05	-6405.80-6.843e+04
					144.0	7167.51	3609.44	-1586.47 3.322e+05	-1.394e+05 1.036e+05
358	22 1.970e+05	3.299e+05	-0.02	-0.72	0.0	5592.11	-551.12	-4683.84 1.055e+06	3.299e+05-8.940e+04
	-9.364e+04	-3.879e+05	-6.20e-03		72.0	5592.11	1980.76	-4683.84 1.025e+06	-2.901e+04-3.765e+04
					144.0	5592.11	4514.09	-4683.84 9.977e+05	-3.879e+05 1.970e+05
358	23 3.550e+05	3.790e+05	2.86e-03	-0.73	0.0	1149.97	-335.47	4622.08-1.108e+06	-3.300e+05 4.808e+04
	4.650e+04	-3.300e+05	5.72e-03		72.0	1149.97	2149.63	4622.08-1.078e+06	2.450e+04 1.135e+05
					144.0	1149.97	4570.02	4622.08-1.050e+06	3.790e+05 3.550e+05
358	28 1.375e+05	3.468e+05	0.02	-0.72	0.0	6963.01	-884.00	-4763.63 1.091e+06	3.468e+05-9.970e+04
	-1.104e+05	-3.836e+05	-6.06e-03		72.0	6963.01	1633.36	-4763.63 1.062e+06	-1.843e+04-7.169e+04

						144.0	6963.01	4149.50	-4763.63	1.035e+06	-3.836e+05	1.375e+05
358	45	3.742e+05	6.846e+04	-0.01	-0.52	0.0	1203.61	64.73	791.75	-2.259e+05	-6.810e+04	2854.56
		2854.56	-6.810e+04	-3.29e-04		72.0	1203.61	2588.41	791.75	-2.210e+05	180.54	9.817e+04
						144.0	1203.61	5079.18	791.75	-2.163e+05	6.846e+04	3.742e+05
358	48	1.777e+05	6.804e+04	0.01	-0.51	0.0	5538.47	-951.32	-853.50	1.729e+05	6.804e+04	-4.418e+04
		-5.697e+04	-7.742e+04	-1.52e-04		72.0	5538.47	1541.98	-853.50	1.683e+05	-4686.39	2.345e+04
						144.0	5538.47	4004.94	-853.50	1.640e+05	-7.742e+04	1.777e+05
358	54	2.345e+05	1.746e+05	-0.01	-0.60	0.0	4573.05	-498.68	-2485.42	5.443e+05	1.746e+05	-5.712e+04
		-6.040e+04	-2.099e+05	-3.34e-03		72.0	4573.05	2022.63	-2485.42	5.290e+05	-1.764e+04	-1956.95
						144.0	4573.05	4529.47	-2485.42	5.145e+05	-2.099e+05	2.345e+05
358	55	3.174e+05	2.009e+05	2.64e-03	-0.61	0.0	2169.02	-387.91	2423.67	-5.973e+05	-1.747e+05	1.580e+04
		1.373e+04	-1.747e+05	2.86e-03		72.0	2169.02	2107.76	2423.67	-5.817e+05	1.314e+04	7.777e+04
						144.0	2169.02	4554.65	2423.67	-5.668e+05	2.009e+05	3.174e+05
358	60	2.002e+05	1.841e+05	0.02	-0.61	0.0	5365.76	-691.07	-2528.50	5.641e+05	1.841e+05	-6.306e+04
		-6.964e+04	-2.076e+05	-3.25e-03		72.0	5365.76	1821.87	-2528.50	5.490e+05	-1.177e+04	-2.164e+04
						144.0	5365.76	4318.82	-2528.50	5.346e+05	-2.076e+05	2.002e+05
358	69	2.647e+05	244.00	-7.41e-03	-0.46	0.0	3250.38	-432.27	-24.21	-2.364e+04	244.00	-1.894e+04
		-2.147e+04	-3242.55	-1.81e-04		72.0	3250.38	1974.98	-24.21	-2.351e+04	-1499.28	3.677e+04
						144.0	3250.38	4351.79	-24.21	-2.340e+04	-3242.55	2.647e+05
358	70	3.022e+05	-668.42	-8.37e-03	-0.51	0.0	3652.57	-469.01	-46.43	-3.316e+04	-668.42	-2.467e+04
		-2.734e+04	-7354.44	-3.79e-04		72.0	3652.57	2275.69	-46.43	-3.284e+04	-4011.43	4.056e+04
						144.0	3652.57	4986.02	-46.43	-3.257e+04	-7354.44	3.022e+05
358	71	2.647e+05	244.00	-7.41e-03	-0.46	0.0	3250.38	-432.27	-24.21	-2.364e+04	244.00	-1.894e+04
		-2.147e+04	-3242.55	-1.81e-04		72.0	3250.38	1974.98	-24.21	-2.351e+04	-1499.28	3.677e+04
						144.0	3250.38	4351.79	-24.21	-2.340e+04	-3242.55	2.647e+05
358	72	2.835e+05	-212.21	-7.89e-03	-0.49	0.0	3451.48	-450.64	-35.32	-2.840e+04	-212.21	-2.181e+04
		-2.441e+04	-5298.50	-2.80e-04		72.0	3451.48	2125.33	-35.32	-2.817e+04	-2755.36	3.866e+04
						144.0	3451.48	4668.90	-35.32	-2.799e+04	-5298.50	2.835e+05
358	73	2.647e+05	244.00	-7.41e-03	-0.46	0.0	3250.38	-432.27	-24.21	-2.364e+04	244.00	-1.894e+04
		-2.147e+04	-3242.55	-1.81e-04		72.0	3250.38	1974.98	-24.21	-2.351e+04	-1499.28	3.677e+04
						144.0	3250.38	4351.79	-24.21	-2.340e+04	-3242.55	2.647e+05
358	74	2.760e+05	-29.73	-7.70e-03	-0.48	0.0	3371.04	-443.29	-30.88	-2.650e+04	-29.73	-2.066e+04
		-2.323e+04	-4476.12	-2.40e-04		72.0	3371.04	2065.19	-30.88	-2.631e+04	-2252.92	3.791e+04
						144.0	3371.04	4542.06	-30.88	-2.615e+04	-4476.12	2.760e+05
359	2	2.209e+05	1844.48	-0.01	-0.68	0.0	2110.32	-993.60	-51.79	-1.919e+04	1844.48	-1.607e+05
		-1.704e+05	-5613.35	6.16e-05		72.0	2110.32	2640.74	-51.79	-1.838e+04	-1884.44	-1.016e+05
						144.0	2110.32	6326.71	-51.79	-1.760e+04	-5613.35	2.209e+05
359	3	1.455e+05	58.92	-7.48e-03	-0.47	0.0	1443.19	-684.38	-19.88	-1.222e+04	58.92	-1.035e+05
		-1.104e+05	-2804.33	3.74e-05		72.0	1443.19	1723.41	-19.88	-1.189e+04	-1372.70	-6.625e+04
						144.0	1443.19	4164.90	-19.88	-1.158e+04	-2804.33	1.455e+05
359	13	2.712e+05	1.005e+05	-0.02	-0.59	0.0	-931.41	109.81	682.12	-1.281e+05	-5.066e+04	-1.032e+05
		-1.032e+05	-5.066e+04	-4.83e-04		72.0	-931.41	2615.71	682.12	-1.354e+05	2.490e+04	-8868.42
						144.0	-931.41	5186.18	682.12	-1.436e+05	1.005e+05	2.712e+05
359	16	3.252e+04	5.149e+04	0.02	-0.56	0.0	3911.46	-1520.14	-732.26	1.024e+05	5.149e+04	-1.142e+05
		-1.445e+05	-1.069e+05	5.63e-04		72.0	3911.46	991.23	-732.26	1.105e+05	-2.769e+04	-1.298e+05
						144.0	3911.46	3508.56	-732.26	1.195e+05	-1.069e+05	3.252e+04
359	17	2.711e+05	1.103e+05	-0.02	-0.59	0.0	-962.82	129.45	874.47	-1.234e+05	-4.452e+04	-1.030e+05
		-1.030e+05	-4.452e+04	8.03e-04		72.0	-962.82	2630.54	874.47	-1.167e+05	3.288e+04	-9209.70
						144.0	-962.82	5190.31	874.47	-1.122e+05	1.103e+05	2.711e+05
359	20	3.259e+04	4.534e+04	0.02	-0.56	0.0	3942.86	-1539.78	-924.61	9.766e+04	4.534e+04	-1.144e+05
		-1.442e+05	-1.167e+05	-7.24e-04		72.0	3942.86	976.41	-924.61	9.173e+04	-3.567e+04	-1.295e+05
						144.0	3942.86	3504.43	-924.61	8.800e+04	-1.167e+05	3.259e+04
359	29	1.828e+05	3.275e+05	-0.02	-0.79	0.0	-506.09	-446.67	2535.89	-2.250e+05	-1.137e+05	-9.188e+04
		-9.973e+04	-1.137e+05	2.33e-03		72.0	-506.09	2017.13	2535.89	-2.040e+05	1.069e+05	-5.014e+04
						144.0	-506.09	4544.99	2535.89	-1.901e+05	3.275e+05	1.828e+05
359	32	1.209e+05	1.145e+05	0.02	-0.77	0.0	3486.14	-963.66	-2586.04	1.993e+05	1.145e+05	-1.255e+05
		-1.318e+05	-3.339e+05	-2.25e-03		72.0	3486.14	1589.82	-2586.04	1.790e+05	-1.097e+05	-8.856e+04
						144.0	3486.14	4149.74	-2586.04	1.659e+05	-3.339e+05	1.209e+05
359	48	8.309e+04	2.962e+04	0.01	-0.52	0.0	2880.66	-1174.39	-402.73	5.116e+04	2.962e+04	-1.117e+05
		-1.300e+05	-5.976e+04	3.16e-04		72.0	2880.66	1334.96	-402.73	5.545e+04	-1.507e+04	-1.041e+05
						144.0	2880.66	3863.65	-402.73	6.025e+04	-5.976e+04	8.309e+04
359	49	2.207e+05	5.833e+04	-0.01	-0.54	0.0	81.51	-225.82	455.09	-7.433e+04	-2.474e+04	-1.056e+05
		-1.072e+05	-2.474e+04	4.63e-04		72.0	81.51	2279.58	455.09	-7.072e+04	1.680e+04	-3.468e+04
						144.0	81.51	4833.50	455.09	-6.828e+04	5.833e+04	2.207e+05
359	52	8.304e+04	2.556e+04	0.01	-0.52	0.0	2898.54	-1184.51	-505.24	4.856e+04	2.556e+04	-1.118e+05
		-1.299e+05	-6.473e+04	-3.83e-04		72.0	2898.54	1327.37	-505.24	4.577e+04	-1.958e+04	-1.040e+05
						144.0	2898.54	3861.24	-505.24	4.411e+04	-6.473e+04	8.304e+04
359	61	1.697e+05	1.753e+05	-0.02	-0.65	0.0	358.96	-563.23	1334.29	-1.297e+05	-6.331e+04	-9.966e+04
		-1.070e+05	-6.331e+04	1.29e-03		72.0	358.96	1923.26	1334.29	-1.190e+05	5.600e+04	-5.836e+04
						144.0	358.96	4460.81	1334.29	-1.119e+05	1.753e+05	1.697e+05
359	64	1.340e+05	6.414e+04	0.02	-0.63	0.0	2621.08	-847.10	-1384.43	1.040e+05	6.414e+04	-1.178e+05
		-1.246e+05	-1.817e+05	-1.21e-03		72.0	2621.08	1683.68	-1384.43	9.401e+04	-5.879e+04	-8.034e+04
						144.0	2621.08	4233.93	-1384.43	8.772e+04	-1.817e+05	1.340e+05
359	69	1.455e+05	58.92	-7.48e-03	-0.47	0.0	1443.19	-684.38	-19.88	-1.222e+04	58.92	-1.035e+05
		-1.104e+05	-2804.33	3.74e-05		72.0	1443.19	1723.41	-19.88	-1.189e+04	-1372.70	-6.625e+04
						144.0	1443.19	4164.90	-19.88	-1.158e+04	-2804.33	1.455e+05
359	70	1.666e+05	1237.51	-8.64e-03	-0.52	0.0	1599.30	-753.65	-37.18	-1.442e+04	1237.51	-1.209e+05

		-1.283e+05	-4116.14	4.60e-05		72.0	1599.30	1990.28	-37.18	-1.384e+04	-1439.32	-7.659e+04
						144.0	1599.30	4773.13	-37.18	-1.328e+04	-4116.14	1.666e+05
359	71	1.455e+05	58.92	-7.48e-03	-0.47	0.0	1443.19	-684.38	-19.88	-1.222e+04	58.92	-1.035e+05
		-1.104e+05	-2804.33	3.74e-05		72.0	1443.19	1723.41	-19.88	-1.189e+04	-1372.70	-6.625e+04
						144.0	1443.19	4164.90	-19.88	-1.158e+04	-2804.33	1.455e+05
359	72	1.561e+05	648.22	-8.06e-03	-0.49	0.0	1521.25	-719.02	-28.53	-1.332e+04	648.22	-1.122e+05
		-1.194e+05	-3460.24	4.17e-05		72.0	1521.25	1856.85	-28.53	-1.287e+04	-1406.01	-7.142e+04
						144.0	1521.25	4469.01	-28.53	-1.243e+04	-3460.24	1.561e+05
359	73	1.455e+05	58.92	-7.48e-03	-0.47	0.0	1443.19	-684.38	-19.88	-1.222e+04	58.92	-1.035e+05
		-1.104e+05	-2804.33	3.74e-05		72.0	1443.19	1723.41	-19.88	-1.189e+04	-1372.70	-6.625e+04
						144.0	1443.19	4164.90	-19.88	-1.158e+04	-2804.33	1.455e+05
359	74	1.519e+05	412.50	-7.83e-03	-0.48	0.0	1490.02	-705.16	-25.07	-1.288e+04	412.50	-1.087e+05
		-1.158e+05	-3197.88	4.00e-05		72.0	1490.02	1803.47	-25.07	-1.248e+04	-1392.69	-6.935e+04
						144.0	1490.02	4347.37	-25.07	-1.209e+04	-3197.88	1.519e+05
360	2	3.011e+05	-1918.43	-0.02	-0.64	0.0	2874.27	-542.55	-34.36	-1154.22	-1918.43	-8.798e+04
		-9.107e+04	-6866.54	6.08e-04		72.0	2874.27	2683.85	-34.36	-229.57	-4392.49	-1.154e+04
						144.0	2874.27	6019.15	-34.36	694.78	-6866.54	3.011e+05
360	3	1.985e+05	-67.85	-0.02	-0.44	0.0	1950.24	-389.05	-16.93	-5728.49	-67.85	-5.545e+04
		-5.776e+04	-2505.69	2.59e-04		72.0	1950.24	1751.19	-16.93	-5298.78	-1286.77	-6835.38
						144.0	1950.24	3962.88	-16.93	-4876.16	-2505.69	1.985e+05
360	17	3.195e+05	-8.122e+04	-0.02	-0.55	0.0	-604.62	541.31	-657.37	-3.644e+05	-8.122e+04	-871.67
		-2.145e+04	-1.116e+05	7.21e-04		72.0	-604.62	2748.71	-657.37	-3.734e+05	-9.639e+04	5.096e+04
						144.0	-604.62	5034.73	-657.37	-3.829e+05	-1.116e+05	3.195e+05
360	21	2.691e+05	1.163e+05	-0.02	-0.73	0.0	-696.27	-92.54	-2106.81	-1.169e+06	1.163e+05	2.616e+04
		1.931e+04	-1.969e+05	-6.98e-03		72.0	-696.27	2130.36	-2106.81	-1.198e+06	-4.029e+04	6.177e+04
						144.0	-696.27	4410.26	-2106.81	-1.228e+06	-1.969e+05	2.691e+05
360	24	1.451e+05	1.904e+05	0.02	-0.71	0.0	4732.33	-700.27	2068.01	1.160e+06	-1.171e+05	1.434e+05
		-1.434e+05	-1.171e+05	7.60e-03		72.0	4732.33	1534.94	2068.01	1.190e+06	3.663e+04	-7.650e+04
						144.0	4732.33	3862.47	2068.01	1.221e+06	1.904e+05	1.451e+05
360	33	2.991e+05	-1.715e+05	-0.02	-0.74	0.0	-1514.62	140.74	-1311.04	-1.069e+06	-1.740e+05	4.724e+04
		3.528e+04	-1.740e+05	-5.53e-03		72.0	-1514.62	2366.33	-1311.04	-1.099e+06	-1.171e+05	8.261e+04
						144.0	-1514.62	4648.25	-1311.04	-1.132e+06	-1.715e+05	2.991e+05
360	36	1.150e+05	1.732e+05	0.02	-0.73	0.0	5550.69	-933.56	1272.24	1.060e+06	1.732e+05	-1.645e+05
		-1.645e+05	1.650e+05	6.16e-03		72.0	5550.69	1298.97	1272.24	1.091e+06	1.691e+05	-9.734e+04
						144.0	5550.69	3624.48	1272.24	1.125e+06	1.650e+05	1.150e+05
360	49	2.712e+05	-4.639e+04	-0.02	-0.51	0.0	534.54	140.71	-368.86	-1.958e+05	-4.639e+04	-2.659e+04
		-3.820e+04	-6.499e+04	6.28e-04		72.0	534.54	2357.20	-368.86	-2.002e+05	-5.569e+04	2.526e+04
						144.0	534.54	4651.01	-368.86	-2.049e+05	-6.499e+04	2.712e+05
360	53	2.407e+05	6.287e+04	-0.02	-0.60	0.0	526.26	-230.01	-1134.78	-6.206e+05	6.287e+04	-1.326e+04
		-1.797e+04	-1.064e+05	-3.50e-03		72.0	526.26	1995.51	-1134.78	-6.353e+05	-2.177e+04	2.965e+04
						144.0	526.26	4286.58	-1134.78	-6.510e+05	-1.064e+05	2.407e+05
360	56	1.734e+05	9.994e+04	0.02	-0.59	0.0	3509.81	-562.80	1095.98	6.116e+05	-6.373e+04	-1.040e+05
		-1.051e+05	-6.373e+04	4.12e-03		72.0	3509.81	1669.79	1095.98	6.274e+05	1.810e+04	-4.438e+04
						144.0	3509.81	3986.14	1095.98	6.440e+05	9.994e+04	1.734e+05
360	65	2.580e+05	-9.768e+04	-0.02	-0.61	0.0	72.02	-99.63	-706.12	-5.672e+05	-9.860e+04	-1894.18
		-8796.56	-9.860e+04	-2.80e-03		72.0	72.02	2127.13	-706.12	-5.832e+05	-9.814e+04	4.127e+04
						144.0	72.02	4419.26	-706.12	-5.999e+05	-9.768e+04	2.580e+05
360	68	1.561e+05	9.773e+04	0.02	-0.59	0.0	3964.04	-693.18	667.32	5.583e+05	9.773e+04	-1.154e+05
		-1.154e+05	9.123e+04	3.43e-03		72.0	3964.04	1538.17	667.32	5.752e+05	9.448e+04	-5.601e+04
						144.0	3964.04	3853.47	667.32	5.930e+05	9.123e+04	1.561e+05
360	69	1.985e+05	-67.85	-0.02	-0.44	0.0	1950.24	-389.05	-16.93	-5728.49	-67.85	-5.545e+04
		-5.776e+04	-2505.69	2.59e-04		72.0	1950.24	1751.19	-16.93	-5298.78	-1286.77	-6835.38
						144.0	1950.24	3962.88	-16.93	-4876.16	-2505.69	1.985e+05
360	70	2.272e+05	-1288.00	-0.02	-0.49	0.0	2176.21	-413.58	-25.17	-1533.28	-1288.00	-6.605e+04
		-6.842e+04	-4911.78	4.40e-04		72.0	2176.21	2022.73	-25.17	-859.55	-3099.89	-8602.75
						144.0	2176.21	4541.15	-25.17	-186.97	-4911.78	2.272e+05
360	71	1.985e+05	-67.85	-0.02	-0.44	0.0	1950.24	-389.05	-16.93	-5728.49	-67.85	-5.545e+04
		-5.776e+04	-2505.69	2.59e-04		72.0	1950.24	1751.19	-16.93	-5298.78	-1286.77	-6835.38
						144.0	1950.24	3962.88	-16.93	-4876.16	-2505.69	1.985e+05
360	72	2.128e+05	-677.92	-0.02	-0.46	0.0	2063.23	-401.31	-21.05	-3630.89	-677.92	-6.075e+04
		-6.309e+04	-3708.74	3.50e-04		72.0	2063.23	1886.96	-21.05	-3079.17	-2193.33	-7719.06
						144.0	2063.23	4252.02	-21.05	-2531.57	-3708.74	2.128e+05
360	73	1.985e+05	-67.85	-0.02	-0.44	0.0	1950.24	-389.05	-16.93	-5728.49	-67.85	-5.545e+04
		-5.776e+04	-2505.69	2.59e-04		72.0	1950.24	1751.19	-16.93	-5298.78	-1286.77	-6835.38
						144.0	1950.24	3962.88	-16.93	-4876.16	-2505.69	1.985e+05
360	74	2.071e+05	-433.89	-0.02	-0.45	0.0	2018.03	-396.41	-19.40	-4469.93	-433.89	-5.863e+04
		-6.096e+04	-3227.52	3.14e-04		72.0	2018.03	1832.65	-19.40	-3967.01	-1830.71	-7365.59
						144.0	2018.03	4136.36	-19.40	-3469.41	-3227.52	2.071e+05
361	1	2.940e+05	5469.53	-0.04	-0.51	0.0	203.86	1281.99	19.49	-1.836e+04	2543.99	-2.548e+05
		-2.548e+05	2543.99	-5.00e-04		75.1	203.86	3625.54	19.49	-1.834e+04	4006.76	-7.165e+04
						150.1	203.86	6146.96	19.49	-1.836e+04	5469.53	2.940e+05
361	2	3.361e+05	8570.28	-0.04	-0.57	0.0	24.42	1539.32	65.84	-4.481e+04	-1314.56	-3.091e+05
		-3.091e+05	-1314.56	-1.19e-03		75.1	24.42	4263.76	65.84	-4.489e+04	3627.86	-9.255e+04
						150.1	24.42	7193.21	65.84	-4.504e+04	8570.28	3.361e+05
361	4	2.683e+05	7308.08	-0.04	-0.45	0.0	-22.62	1243.47	61.34	-4.057e+04	-1901.64	-2.503e+05
		-2.503e+05	-1901.64	-1.07e-03		75.1	-22.62	3427.10	61.34	-4.066e+04	2703.22	-7.602e+04
						150.1	-22.62	5774.68	61.34	-4.081e+04	7308.08	2.683e+05

361	29	4.896e+05	3.739e+04	-0.17	-0.64	0.0	5859.41	2317.95	-5326.04	-1.820e+06	3.739e+04	-4053.94
		-4053.94	-6.979e+05	3.00e-03		75.1	5859.41	3661.87	-5326.04	-1.837e+06	-3.302e+05	1.710e+05
						150.1	5859.41	5682.43	-5326.04	-1.857e+06	-6.979e+05	4.896e+05
361	32	-2.039e+04	7.075e+05	0.17	-0.50	0.0	-5617.55	-242.72	5374.56	1.781e+06	-3.502e+04	-4.096e+05
		-4.096e+05	-3.502e+04	-4.02e-03		75.1	-5617.55	2171.16	5374.56	1.798e+06	3.362e+05	-2.896e+05
						150.1	-5617.55	4192.93	5374.56	1.818e+06	7.075e+05	-2.039e+04
361	61	3.727e+05	1.473e+04	-0.11	-0.53	0.0	3237.59	1737.76	-2808.01	-9.694e+05	1.473e+04	-9.731e+04
		-9.731e+04	-3.696e+05	1.76e-03		75.1	3237.59	3334.73	-2808.01	-9.785e+05	-1.775e+05	6.436e+04
						150.1	3237.59	5356.89	-2808.01	-9.891e+05	-3.696e+05	3.727e+05
361	64	9.649e+04	3.793e+05	0.11	-0.45	0.0	-2995.73	337.47	2856.53	9.305e+05	-1.236e+04	-3.164e+05
		-3.164e+05	-1.236e+04	-2.80e-03		75.1	-2995.73	2498.31	2856.53	9.397e+05	1.835e+05	-1.830e+05
						150.1	-2995.73	4518.48	2856.53	9.502e+05	3.793e+05	9.649e+04
361	69	2.262e+05	4207.33	-0.03	-0.39	0.0	156.82	986.15	14.99	-1.412e+04	1956.92	-1.960e+05
		-1.960e+05	1956.92	-3.85e-04		75.1	156.82	2788.87	14.99	-1.411e+04	3082.12	-5.511e+04
						150.1	156.82	4728.43	14.99	-1.412e+04	4207.33	2.262e+05
361	70	2.543e+05	6274.50	-0.03	-0.43	0.0	37.19	1157.70	45.89	-3.176e+04	-615.45	-2.322e+05
		-2.322e+05	-615.45	-8.44e-04		75.1	37.19	3214.36	45.89	-3.181e+04	2829.52	-6.905e+04
						150.1	37.19	5425.93	45.89	-3.191e+04	6274.50	2.543e+05
361	71	2.262e+05	4207.33	-0.03	-0.39	0.0	156.82	986.15	14.99	-1.412e+04	1956.92	-1.960e+05
		-1.960e+05	1956.92	-3.85e-04		75.1	156.82	2788.87	14.99	-1.411e+04	3082.12	-5.511e+04
						150.1	156.82	4728.43	14.99	-1.412e+04	4207.33	2.262e+05
361	72	2.402e+05	5240.92	-0.03	-0.41	0.0	97.00	1071.92	30.44	-2.294e+04	670.73	-2.141e+05
		-2.141e+05	670.73	-6.15e-04		75.1	97.00	3001.62	30.44	-2.296e+04	2955.82	-6.208e+04
						150.1	97.00	5077.18	30.44	-2.301e+04	5240.92	2.402e+05
361	73	2.262e+05	4207.33	-0.03	-0.39	0.0	156.82	986.15	14.99	-1.412e+04	1956.92	-1.960e+05
		-1.960e+05	1956.92	-3.85e-04		75.1	156.82	2788.87	14.99	-1.411e+04	3082.12	-5.511e+04
						150.1	156.82	4728.43	14.99	-1.412e+04	4207.33	2.262e+05
361	74	2.346e+05	4827.48	-0.03	-0.40	0.0	120.93	1037.61	24.26	-1.941e+04	1185.21	-2.068e+05
		-2.068e+05	1185.21	-5.23e-04		75.1	120.93	2916.52	24.26	-1.942e+04	3006.34	-5.929e+04
						150.1	120.93	4937.68	24.26	-1.946e+04	4827.48	2.346e+05
362	2	2.334e+05	5183.53	0.01	-0.66	0.0	2816.60	-4587.42	18.40	-1.461e+04	2533.55	-4.488e+04
		-7.054e+04	2533.55	-3.89e-04		72.0	2816.60	1924.65	18.40	-1.500e+04	3858.54	-3.300e+04
						144.0	2816.60	5482.62	18.40	-1.540e+04	5183.53	2.334e+05
362	3	1.540e+05	1359.77	6.76e-03	-0.46	0.0	1919.12	-1079.01	6.22	-3149.25	464.80	-2.644e+04
		-4.442e+04	464.80	-1.02e-04		72.0	1919.12	1248.28	6.22	-3226.16	912.28	-2.052e+04
						144.0	1919.12	3605.76	6.22	-3307.39	1359.77	1.540e+05
362	9	3.919e+05	1.182e+05	-9.06e-03	-0.58	0.0	3741.87	607.68	117.83	-4.194e+05	1.182e+05	2.987e+04
		-8123.37	4.481e+04	2.64e-03		72.0	3741.87	3066.82	117.83	-4.278e+05	8.152e+04	8.899e+04
						144.0	3741.87	5566.84	117.83	-4.368e+05	4.481e+04	3.919e+05
362	12	-7.053e+04	-4.072e+04	0.02	-0.53	0.0	225.06	-2839.58	-101.27	4.089e+05	-1.165e+05	-8.695e+04
		-1.342e+05	-1.165e+05	-2.95e-03		72.0	225.06	-449.51	-101.27	4.170e+05	-7.863e+04	-1.326e+05
						144.0	225.06	1962.74	-101.27	4.257e+05	-4.072e+04	-7.053e+04
362	22	1.740e+05	2.144e+05	-3.71e-03	-0.73	0.0	86.58	-764.30	2185.20	1.152e+06	-8.930e+04	-8.514e+04
		-1.044e+05	-8.930e+04	8.93e-03		72.0	86.58	1677.95	2185.20	1.181e+06	6.256e+04	-5.251e+04
						144.0	86.58	4170.23	2185.20	1.212e+06	2.144e+05	1.740e+05
362	23	1.474e+05	9.101e+04	0.01	-0.74	0.0	3880.35	-1467.61	-2168.64	-1.163e+06	9.101e+04	2.806e+04
		2028.68	-2.103e+05	-9.23e-03		72.0	3880.35	939.36	-2168.64	-1.192e+06	-5.966e+04	8940.88
						144.0	3880.35	3359.34	-2168.64	-1.223e+06	-2.103e+05	1.474e+05
362	29	2.829e+05	1.844e+05	-0.01	-0.76	0.0	4870.96	-415.39	-1146.12	-1.124e+06	1.844e+05	6.417e+04
		3.631e+04	-1.257e+05	-5.09e-03		72.0	4870.96	2012.87	-1146.12	-1.155e+06	2.935e+04	7.456e+04
						144.0	4870.96	4458.54	-1146.12	-1.187e+06	-1.257e+05	2.829e+05
362	32	3.849e+04	1.298e+05	7.84e-03	-0.74	0.0	-904.02	-1816.52	1162.68	1.114e+06	-1.827e+05	-1.121e+05
		-1.325e+05	-1.827e+05	4.78e-03		72.0	-904.02	604.44	1162.68	1.144e+06	-2.646e+04	-1.181e+05
						144.0	-904.02	3071.03	1162.68	1.176e+06	1.298e+05	3.849e+04
362	41	2.933e+05	6.805e+04	-8.14e-03	-0.53	0.0	2968.54	-127.31	79.36	-2.275e+05	6.805e+04	3654.69
		-2.439e+04	2.506e+04	1.59e-03		72.0	2968.54	2317.37	79.36	-2.320e+05	4.655e+04	4.129e+04
						144.0	2968.54	4799.27	79.36	-2.367e+05	2.506e+04	2.933e+05
362	54	1.707e+05	1.149e+05	-5.31e-03	-0.61	0.0	966.64	-909.63	1168.41	6.052e+05	-4.682e+04	-5.836e+04
		-7.708e+04	-4.682e+04	4.69e-03		72.0	966.64	1524.59	1168.41	6.205e+05	3.405e+04	-3.686e+04
						144.0	966.64	4000.29	1168.41	6.367e+05	1.449e+05	1.707e+05
362	55	1.507e+05	4.852e+04	0.01	-0.61	0.0	3000.30	-1322.27	-1151.85	-6.157e+05	4.852e+04	1283.36
		-2.019e+04	-1.108e+05	-5.00e-03		72.0	3000.30	1092.72	-1151.85	-6.313e+05	-3.115e+04	-6701.29
						144.0	3000.30	3529.29	-1151.85	-6.477e+05	-1.108e+05	1.507e+05
362	61	2.289e+05	1.045e+05	-9.09e-03	-0.62	0.0	3555.91	-722.35	-597.63	-5.973e+05	1.045e+05	2.114e+04
		-2129.09	-6.936e+04	-2.73e-03		72.0	3555.91	1704.77	-597.63	-6.136e+05	1.758e+04	3.086e+04
						144.0	3555.91	4156.28	-597.63	-6.307e+05	-6.936e+04	2.289e+05
362	64	9.248e+04	7.345e+04	7.67e-03	-0.61	0.0	411.03	-1509.56	614.19	5.868e+05	-1.028e+05	-7.822e+04
		-9.274e+04	-1.028e+05	2.43e-03		72.0	411.03	912.54	614.19	6.028e+05	-1.469e+04	-7.443e+04
						144.0	411.03	3373.29	614.19	6.196e+05	7.345e+04	9.248e+04
362	69	1.540e+05	1359.77	6.76e-03	-0.46	0.0	1919.12	-1079.01	6.22	-3149.25	464.80	-2.644e+04
		-4.442e+04	464.80	-1.02e-04		72.0	1919.12	1248.28	6.22	-3226.16	912.28	-2.052e+04
						144.0	1919.12	3605.76	6.22	-3307.39	1359.77	1.540e+05
362	70	1.761e+05	3636.99	7.75e-03	-0.50	0.0	2133.61	-1202.15	13.10	-1.016e+04	1751.01	-3.344e+04
		-5.295e+04	1751.01	-2.73e-04		72.0	2133.61	1449.54	13.10	-1.043e+04	2694.00	-2.473e+04
						144.0	2133.61	4135.85	13.10	-1.071e+04	3636.99	1.761e+05
362	71	1.540e+05	1359.77	6.76e-03	-0.46	0.0	1919.12	-1079.01	6.22	-3149.25	464.80	-2.644e+04
		-4.442e+04	464.80	-1.02e-04		72.0	1919.12	1248.28	6.22	-3226.16	912.28	-2.052e+04

362	72	1.651e+05	2498.38	7.25e-03	-0.48	144.0	1919.12	3605.76	6.22	-3307.39	1359.77	1.540e+05
		-4.869e+04	1107.90	-1.88e-04		0.0	2026.37	-1140.58	9.66	-6654.91	1107.90	-2.994e+04
						72.0	2026.37	1348.91	9.66	-6827.17	1803.14	-2.263e+04
						144.0	2026.37	3870.81	9.66	-7008.56	2498.38	1.651e+05
362	73	1.540e+05	1359.77	6.76e-03	-0.46	0.0	1919.12	-1079.01	6.22	-3149.25	464.80	-2.644e+04
		-4.442e+04	464.80	-1.02e-04		72.0	1919.12	1248.28	6.22	-3226.16	912.28	-2.052e+04
						144.0	1919.12	3605.76	6.22	-3307.39	1359.77	1.540e+05
						0.0	1983.47	-1115.95	8.28	-5252.65	850.66	-2.854e+04
362	74	1.607e+05	2042.93	7.06e-03	-0.47	72.0	1983.47	1308.66	8.28	-5386.76	1446.80	-2.178e+04
		-4.698e+04	850.66	-1.53e-04		144.0	1983.47	3764.79	8.28	-5528.09	2042.93	1.607e+05
						0.0	373.88	-1006.73	20.57	430.35	-2835.41	-1.737e+05
		-1.855e+05	-2835.41	-4.14e-05		72.0	373.88	2038.83	20.57	313.57	-1354.62	-1.366e+05
363	1	1.204e+05	126.17	4.51e-03	-0.59	144.0	373.88	5105.51	20.57	197.21	126.17	1.204e+05
						0.0	360.25	-1128.01	45.13	277.95	-4716.87	-2.065e+05
		-2.191e+05	-4716.87	-4.99e-05		72.0	360.25	2407.08	45.13	-175.87	-1467.44	-1.605e+05
						144.0	360.25	5967.13	45.13	-629.92	1781.98	1.408e+05
363	4	1.130e+05	1752.87	4.29e-03	-0.53	0.0	273.97	-895.68	40.38	178.64	-4062.54	-1.664e+05
		-1.763e+05	-4062.54	-4.03e-05		72.0	273.97	1936.58	40.38	-248.23	-1154.84	-1.290e+05
						144.0	273.97	4788.94	40.38	-675.43	1752.87	1.130e+05
						0.0	-811.57	940.07	1033.72	-2.320e+05	-7.576e+04	-1.356e+05
363	5	3.538e+05	1.181e+05	-8.38e-03	-0.58	72.0	-811.57	3401.88	1033.72	-2.408e+05	2.119e+04	1.897e+04
		-1.356e+05	-7.576e+04	-3.05e-03		144.0	-811.57	5911.33	1033.72	-2.506e+05	1.181e+05	3.538e+05
						0.0	-1721.57	889.97	11.46	-1.192e+05	-5086.48	-1.439e+05
		-1.439e+05	-4.662e+04	-2.05e-03		72.0	-1721.57	3338.35	11.46	-1.109e+05	-2.585e+04	8905.56
363	7	1.364e+05	4.748e+04	8.66e-03	-0.56	144.0	-1721.57	5817.59	11.46	-1.022e+05	-4.662e+04	3.385e+05
		-2.286e+05	-28.28	1.98e-03		0.0	2291.31	-2487.30	30.01	1.198e+05	-28.28	-1.364e+05
						72.0	2291.31	-54.39	30.01	1.112e+05	2.372e+04	-2.286e+05
						144.0	2291.31	2381.68	30.01	1.022e+05	4.748e+04	-1.451e+05
363	8	1.447e+05	7.064e+04	8.79e-03	-0.54	0.0	1381.32	-2537.40	-992.25	2.326e+05	7.064e+04	-1.447e+05
		-2.387e+05	-1.173e+05	2.98e-03		72.0	1381.32	-117.92	-992.25	2.411e+05	-2.332e+04	-2.387e+05
						144.0	1381.32	2287.95	-992.25	2.505e+05	-1.173e+05	-1.604e+05
						0.0	1256.49	-194.80	2523.35	-2.064e+05	-1.145e+05	-1.264e+05
363	29	1.898e+05	3.170e+05	-4.48e-03	-0.78	72.0	1256.49	2229.42	2523.35	-1.911e+05	1.012e+05	-5.950e+04
		-1.281e+05	-1.145e+05	1.87e-03		144.0	1256.49	4728.06	2523.35	-1.841e+05	3.170e+05	1.898e+05
						0.0	-686.75	-1402.53	-2481.88	2.070e+05	1.094e+05	-1.539e+05
		3588.14	1.094e+05	5.76e-03		72.0	-686.75	1054.54	-2481.88	1.914e+05	-1.034e+05	-1.602e+05
363	32	-1.781e+05	-3.162e+05	-1.94e-03	-0.75	144.0	-686.75	3471.22	-2481.88	1.841e+05	-3.162e+05	3588.14
						0.0	-357.23	201.58	575.39	-1.284e+05	-4.429e+04	-1.377e+05
						72.0	-357.23	2653.64	575.39	-1.330e+05	1.053e+04	-3.595e+04
						144.0	-357.23	5140.11	575.39	-1.381e+05	6.536e+04	2.443e+05
363	37	2.443e+05	6.536e+04	-6.37e-03	-0.53	0.0	-857.24	173.12	34.56	-6.699e+04	-3610.78	-1.422e+05
		-1.377e+05	-4.429e+04	-1.79e-03		72.0	-857.24	2618.94	34.56	-6.283e+04	-1.399e+04	-4.132e+04
						144.0	-857.24	5089.92	34.56	-5.843e+04	-2.437e+04	2.361e+05
						0.0	1426.99	-1770.45	6.91	6.759e+04	-1503.98	-1.382e+05
363	39	4.273e+04	2.522e+04	6.51e-03	-0.52	72.0	1426.99	665.02	6.91	6.311e+04	1.186e+04	-1.784e+05
		-1.848e+05	-1503.98	1.18e-03		144.0	1426.99	3109.36	6.91	5.840e+04	2.522e+04	-4.273e+04
						0.0	926.98	-1798.91	-533.92	1.290e+05	3.918e+04	-1.426e+05
		-5.093e+04	3.918e+04	6.59e-03		72.0	926.98	630.32	-533.92	1.333e+05	-1.268e+04	-1.838e+05
363	40	-1.897e+05	-6.450e+04	1.72e-03	-0.51	144.0	926.98	3059.17	-533.92	1.381e+05	-6.450e+04	-5.093e+04
						0.0	811.28	-454.36	1352.88	-1.148e+05	-6.493e+04	-1.328e+05
						72.0	811.28	1979.51	1352.88	-1.072e+05	5.340e+04	-8.118e+04
						144.0	811.28	4459.93	1352.88	-1.039e+05	1.171e+05	1.500e+05
363	61	1.500e+05	1.717e+05	-4.15e-03	-0.63	0.0	-241.53	-1142.97	-1311.41	1.154e+05	5.981e+04	-1.476e+05
		-1.367e+05	-6.493e+04	9.72e-04		72.0	-241.53	1304.45	-1311.41	1.075e+05	-5.553e+04	-1.385e+05
						144.0	-241.53	3739.35	-1311.41	1.039e+05	-1.709e+05	4.342e+04
						0.0	287.60	-774.41	15.82	331.04	-2181.09	-1.336e+05
363	69	9.263e+04	97.05	3.47e-03	-0.45	72.0	287.60	1568.33	15.82	241.21	-1042.02	-1.051e+05
		-1.427e+05	-2181.09	-3.19e-05		144.0	287.60	3927.31	15.82	151.70	97.05	9.263e+04
						0.0	278.51	-855.26	32.20	229.44	-3435.39	-1.555e+05
						72.0	278.51	1813.83	32.20	-85.08	-1117.23	-1.210e+05
363	70	1.062e+05	1200.93	4.02e-03	-0.50	144.0	278.51	4501.73	32.20	-399.72	1200.93	1.062e+05
		-1.651e+05	-3435.39	-3.75e-05		0.0	287.60	-774.41	15.82	331.04	-2181.09	-1.336e+05
						72.0	287.60	1568.33	15.82	241.21	-1042.02	-1.051e+05
						144.0	287.60	3927.31	15.82	151.70	97.05	9.263e+04
363	71	9.263e+04	97.05	3.47e-03	-0.45	0.0	287.60	-774.41	15.82	331.04	-2181.09	-1.336e+05
		-1.427e+05	-2181.09	-3.19e-05		72.0	287.60	1568.33	15.82	241.21	-1042.02	-1.051e+05
						144.0	287.60	3927.31	15.82	151.70	97.05	9.263e+04
						0.0	283.06	-814.83	24.01	280.24	-2808.24	-1.445e+05
363	72	9.941e+04	648.99	3.75e-03	-0.48	72.0	283.06	1691.08	24.01	78.06	-1079.62	-1.130e+05
		-1.539e+05	-2808.24	-3.47e-05		144.0	283.06	4214.52	24.01	-124.01	648.99	9.941e+04
						0.0	287.60	-774.41	15.82	331.04	-2181.09	-1.336e+05
						72.0	287.60	1568.33	15.82	241.21	-1042.02	-1.051e+05
363	73	9.263e+04	97.05	3.47e-03	-0.45	144.0	287.60	3927.31	15.82	151.70	97.05	9.263e+04
		-1.427e+05	-2181.09	-3.19e-05		0.0	284.87	-798.66	20.73	300.56	-2557.38	-1.402e+05
						72.0	284.87	1641.98	20.73	143.32	-1064.58	-1.099e+05
						144.0	284.87	4099.64	20.73	-13.73	428.22	9.670e+04
364	74	9.670e+04	428.22	3.64e-03	-0.47	0.0	3810.68	-477.83	56.71	1.834e+04	2727.49	-4.713e+04
		-1.494e+05	-2557.38	-3.36e-05		72.0	3810.68	2995.73	56.71	1.799e+04	6810.50	4.373e+04
						144.0	3810.68	6430.97	56.71	1.767e+04	1.089e+04	3.834e+05
						0.0	2570.42	-343.53	19.21	6004.71	965.38	-2.822e+04

		-3.001e+04	965.38	1.28e-04		72.0	2570.42	1958.22	19.21	5951.34	2348.41	3.006e+04
						144.0	2570.42	4234.32	19.21	5905.93	3731.43	2.532e+05
364	5	5.749e+05	4.503e+04	-0.03	-0.56	0.0	-194.71	1452.34	1540.35	-3.950e+05	-1.643e+05	2.776e+04
		2.776e+04	-1.643e+05	-2.78e-03		72.0	-194.71	3823.55	1540.35	-3.875e+05	-5.962e+04	2.156e+05
						144.0	-194.71	6164.56	1540.35	-3.806e+05	4.503e+04	5.749e+05
364	6	5.036e+05	4.289e+04	-0.02	-0.53	0.0	-2144.28	1283.14	-1215.18	2.497e+05	4.289e+04	-2.271e+04
		-2.271e+04	-1.673e+05	-6.20e-03		72.0	-2144.28	3667.44	-1215.18	2.397e+05	-6.218e+04	1.538e+05
						144.0	-2144.28	6044.73	-1215.18	2.300e+05	-1.673e+05	5.036e+05
364	7	2.445e+04	1.771e+05	5.58e-03	-0.54	0.0	7472.78	-1982.70	1266.29	-2.335e+05	-4.037e+04	-3.791e+04
		-9.434e+04	-4.037e+04	6.58e-03		72.0	7472.78	429.02	1266.29	-2.237e+05	6.838e+04	-9.180e+04
						144.0	7472.78	2794.45	1266.29	-2.142e+05	1.771e+05	2.445e+04
364	8	-4.690e+04	1.668e+05	0.01	-0.52	0.0	5523.21	-2151.90	-1489.24	4.113e+05	1.668e+05	-8.837e+04
		-1.548e+05	-3.515e+04	3.15e-03		72.0	5523.21	272.92	-1489.24	4.035e+05	6.582e+04	-1.536e+05
						144.0	5523.21	2674.62	-1489.24	3.964e+05	-3.515e+04	-4.690e+04
364	29	4.371e+05	2.801e+05	-0.02	-0.71	0.0	4115.72	360.24	4641.58	-1.190e+06	-3.815e+05	4.631e+04
		4.631e+04	-3.815e+05	4.94e-03		72.0	4115.72	2733.44	4641.58	-1.163e+06	-5.069e+04	1.570e+05
						144.0	4115.72	5047.54	4641.58	-1.138e+06	2.801e+05	4.371e+05
364	32	9.089e+04	3.840e+05	0.01	-0.69	0.0	1212.78	-1059.80	-4590.47	1.206e+06	3.840e+05	-1.069e+05
		-1.226e+05	-2.703e+05	-4.56e-03		72.0	1212.78	1363.03	-4590.47	1.179e+06	5.689e+04	-9.500e+04
						144.0	1212.78	3791.64	-4590.47	1.153e+06	-2.703e+05	9.089e+04
364	37	4.410e+05	2.462e+04	-0.02	-0.51	0.0	990.35	682.82	828.59	-2.072e+05	-8.851e+04	1656.05
		1656.05	-8.851e+04	-1.65e-03		72.0	990.35	3065.68	828.59	-2.033e+05	-3.195e+04	1.355e+05
						144.0	990.35	5420.59	828.59	-1.998e+05	2.462e+04	4.410e+05
364	38	4.030e+05	2.116e+04	-0.01	-0.50	0.0	-62.97	593.04	-626.00	1.337e+05	2.116e+04	-2.529e+04
		-2.529e+04	-8.935e+04	-3.46e-03		72.0	-62.97	2982.86	-626.00	1.283e+05	-3.410e+04	1.026e+05
						144.0	-62.97	5356.86	-626.00	1.231e+05	-8.935e+04	4.030e+05
364	39	1.250e+05	9.923e+04	5.74e-03	-0.50	0.0	5391.47	-1292.60	677.12	-1.175e+05	-1.864e+04	-3.533e+04
		-5.928e+04	-1.864e+04	3.83e-03		72.0	5391.47	1113.60	677.12	-1.123e+05	4.029e+04	-4.064e+04
						144.0	5391.47	3482.33	677.12	-1.073e+05	9.923e+04	1.250e+05
364	55	2.798e+05	2.061e+05	-0.01	-0.59	0.0	5079.95	-496.46	2427.16	-5.465e+05	-1.710e+05	9053.85
		5591.49	-1.710e+05	4.03e-03		72.0	5079.95	1893.44	2427.16	-5.311e+05	1.752e+04	5.941e+04
						144.0	5079.95	4235.08	2427.16	-5.164e+05	2.061e+05	2.798e+05
364	56	1.534e+05	1.945e+05	0.01	-0.59	0.0	1568.88	-795.72	-2421.50	5.897e+05	1.945e+05	-8.076e+04
		-8.956e+04	-1.738e+05	-2.01e-03		72.0	1568.88	1617.40	-2421.50	5.744e+05	1.035e+04	-5.028e+04
						144.0	1568.88	4022.63	-2421.50	5.599e+05	-1.738e+05	1.534e+05
364	61	3.599e+05	1.493e+05	-0.01	-0.59	0.0	3415.78	52.19	2460.54	-6.257e+05	-2.013e+05	1.089e+04
		1.089e+04	-2.013e+05	2.48e-03		72.0	3415.78	2436.38	2460.54	-6.117e+05	-2.596e+04	1.002e+05
						144.0	3415.78	4776.83	2460.54	-5.984e+05	1.493e+05	3.599e+05
364	69	2.532e+05	3731.43	6.30e-03	-0.45	0.0	2570.42	-343.53	19.21	6004.71	965.38	-2.822e+04
		-3.001e+04	965.38	1.28e-04		72.0	2570.42	1958.22	19.21	5951.34	2348.41	3.006e+04
						144.0	2570.42	4234.32	19.21	5905.93	3731.43	2.532e+05
364	70	2.893e+05	7759.86	7.12e-03	-0.49	0.0	2883.18	-364.36	40.37	1.303e+04	1947.05	-3.518e+04
		-3.698e+04	1947.05	3.26e-04		72.0	2883.18	2258.25	40.37	1.279e+04	4853.45	3.316e+04
						144.0	2883.18	4851.89	40.37	1.257e+04	7759.86	2.893e+05
364	71	2.532e+05	3731.43	6.30e-03	-0.45	0.0	2570.42	-343.53	19.21	6004.71	965.38	-2.822e+04
		-3.001e+04	965.38	1.28e-04		72.0	2570.42	1958.22	19.21	5951.34	2348.41	3.006e+04
						144.0	2570.42	4234.32	19.21	5905.93	3731.43	2.532e+05
364	72	2.712e+05	5745.64	6.71e-03	-0.47	0.0	2726.80	-353.95	29.79	9515.31	1456.21	-3.170e+04
		-3.349e+04	1456.21	2.27e-04		72.0	2726.80	2108.24	29.79	9369.84	3600.93	3.161e+04
						144.0	2726.80	4543.11	29.79	9236.89	5745.64	2.712e+05
364	73	2.532e+05	3731.43	6.30e-03	-0.45	0.0	2570.42	-343.53	19.21	6004.71	965.38	-2.822e+04
		-3.001e+04	965.38	1.28e-04		72.0	2570.42	1958.22	19.21	5951.34	2348.41	3.006e+04
						144.0	2570.42	4234.32	19.21	5905.93	3731.43	2.532e+05
364	74	2.640e+05	4939.96	6.54e-03	-0.46	0.0	2664.25	-349.78	25.56	8111.07	1259.88	-3.031e+04
		-3.210e+04	1259.88	1.87e-04		72.0	2664.25	2048.23	25.56	8002.44	3099.92	3.099e+04
						144.0	2664.25	4419.59	25.56	7904.51	4939.96	2.640e+05
365	1	-2.599e+05	1489.02	-0.02	-0.47	0.0	-4668.97	-2968.29	-7.44	2.280e+04	1489.02	-2.599e+05
		-4.089e+05	372.30	5.99e-04		75.1	-4668.97	-756.14	-7.44	2.291e+04	930.66	-3.989e+05
						150.1	-4668.97	1357.94	-7.44	2.306e+04	372.30	-3.759e+05
365	2	-3.138e+05	-3787.45	-0.02	-0.52	0.0	-5636.36	-3428.05	-38.21	4.934e+04	-3787.45	-3.138e+05
		-4.847e+05	-9524.45	1.22e-03		75.1	-5636.36	-856.84	-38.21	4.939e+04	-6655.95	-4.737e+05
						150.1	-5636.36	1604.41	-38.21	4.951e+04	-9524.45	-4.452e+05
365	3	-1.999e+05	1145.40	-0.02	-0.36	0.0	-3591.52	-2283.30	-5.72	1.754e+04	1145.40	-1.999e+05
		-3.145e+05	286.38	4.61e-04		75.1	-3591.52	-581.65	-5.72	1.762e+04	715.89	-3.068e+05
						150.1	-3591.52	1044.57	-5.72	1.774e+04	286.38	-2.891e+05
365	4	-2.538e+05	-4131.07	-0.02	-0.41	0.0	-4558.90	-2743.06	-36.50	4.408e+04	-4131.07	-2.538e+05
		-3.903e+05	-9610.36	1.08e-03		75.1	-4558.90	-682.35	-36.50	4.410e+04	-6870.72	-3.817e+05
						150.1	-4558.90	1291.04	-36.50	4.419e+04	-9610.36	-3.585e+05
365	5	1.210e+04	7.658e+05	-0.06	-0.49	0.0	-8841.63	-680.92	3505.94	-6.096e+05	-5.831e+05	-3.008e+04
		-6.403e+04	-5.831e+05	2.87e-03		75.1	-8841.63	948.71	3505.94	-6.046e+05	9.135e+04	-6.028e+04
						150.1	-8841.63	2610.48	3505.94	-6.004e+05	7.658e+05	1.210e+04
365	6	-2.526e+04	6.045e+05	0.07	-0.41	0.0	-1.089e+04	-770.49	284.14	4.265e+05	-2.439e+05	-1.299e+05
		-1.604e+05	-2.439e+05	7.57e-03		75.1	-1.089e+04	544.85	284.14	4.229e+05	1.803e+05	-1.487e+05
						150.1	-1.089e+04	1611.94	284.14	4.198e+05	6.045e+05	-2.526e+04
365	7	-2.915e+05	2.441e+05	-0.09	-0.41	0.0	3324.77	-3980.01	-307.89	-3.808e+05	2.441e+05	-2.915e+05
		-5.808e+05	-6.079e+05	-6.40e-03		75.1	3324.77	-1748.43	-307.89	-3.770e+05	-1.819e+05	-4.949e+05
						150.1	3324.77	575.79	-307.89	-3.738e+05	-6.079e+05	-5.808e+05

365	8-3.913e+05	5.833e+05	0.09	-0.33	0.0	1271.64	-4069.57	-3529.69	6.553e+05	5.833e+05	-3.913e+05
	-6.253e+05	-7.692e+05	-1.70e-03		75.1	1271.64	-2152.29	-3529.69	6.504e+05	-9.295e+04	-5.833e+05
					150.1	1271.64	-422.75	-3529.69	6.465e+05	-7.692e+05	-6.181e+05
365	37-1.097e+05	4.381e+05	-0.04	-0.43	0.0	-6718.43	-1401.99	1946.00	-3.126e+05	-3.267e+05	-1.097e+05
	-1.739e+05	-3.267e+05	1.90e-03		75.1	-6718.43	284.61	1946.00	-3.099e+05	5.574e+04	-1.739e+05
					150.1	-6718.43	1949.52	1946.00	-3.077e+05	4.381e+05	-1.228e+05
365	38-1.427e+05	3.511e+05	0.04	-0.39	0.0	-7829.85	-1449.85	244.64	2.336e+05	-1.479e+05	-1.631e+05
	-2.218e+05	-1.479e+05	4.66e-03		75.1	-7829.85	67.69	244.64	2.317e+05	1.016e+05	-2.211e+05
					150.1	-7829.85	1414.94	244.64	2.302e+05	3.511e+05	-1.427e+05
365	39-2.583e+05	1.480e+05	-0.06	-0.39	0.0	259.86	-3300.65	-268.39	-1.879e+05	1.480e+05	-2.583e+05
	-4.652e+05	-3.545e+05	-3.49e-03		75.1	259.86	-1271.27	-268.39	-1.859e+05	-1.032e+05	-4.225e+05
					150.1	259.86	772.79	-268.39	-1.841e+05	-3.545e+05	-4.633e+05
365	40-3.117e+05	3.268e+05	0.06	-0.34	0.0	-851.56	-3348.51	-1969.75	3.583e+05	3.268e+05	-3.117e+05
	-4.957e+05	-4.415e+05	-7.29e-04		75.1	-851.56	-1488.19	-1969.75	3.558e+05	-5.734e+04	-4.697e+05
					150.1	-851.56	238.21	-1969.75	3.538e+05	-4.415e+05	-4.832e+05
365	53-9.949e+04	2.622e+05	-0.12	-0.49	0.0	-2979.36	-2010.68	3155.89	-9.062e+05	-3.691e+05	-9.949e+04
	-2.239e+05	-3.691e+05	-3.20e-03		75.1	-2979.36	-6.87	3155.89	-8.984e+05	-5.346e+04	-2.058e+05
					150.1	-2979.36	2161.34	3155.89	-8.920e+05	2.622e+05	-2.188e+05
365	69-1.999e+05	1145.40	-0.02	-0.36	0.0	-3591.52	-2283.30	-5.72	1.754e+04	1145.40	-1.999e+05
	-3.145e+05	286.38	4.61e-04		75.1	-3591.52	-581.65	-5.72	1.762e+04	715.89	-3.068e+05
					150.1	-3591.52	1044.57	-5.72	1.774e+04	286.38	-2.891e+05
365	70-2.359e+05	-2372.24	-0.02	-0.39	0.0	-4236.44	-2589.80	-26.24	3.523e+04	-2372.24	-2.359e+05
	-3.651e+05	-6311.45	8.75e-04		75.1	-4236.44	-648.78	-26.24	3.528e+04	-4341.85	-3.567e+05
					150.1	-4236.44	1208.88	-26.24	3.537e+04	-6311.45	-3.354e+05
365	71-1.999e+05	1145.40	-0.02	-0.36	0.0	-3591.52	-2283.30	-5.72	1.754e+04	1145.40	-1.999e+05
	-3.145e+05	286.38	4.61e-04		75.1	-3591.52	-581.65	-5.72	1.762e+04	715.89	-3.068e+05
					150.1	-3591.52	1044.57	-5.72	1.774e+04	286.38	-2.891e+05
365	72-2.179e+05	-613.42	-0.02	-0.38	0.0	-3913.98	-2436.55	-15.98	2.638e+04	-613.42	-2.179e+05
	-3.398e+05	-3012.53	6.68e-04		75.1	-3913.98	-615.22	-15.98	2.645e+04	-1812.98	-3.318e+05
					150.1	-3913.98	1126.73	-15.98	2.655e+04	-3012.53	-3.122e+05
365	73-1.999e+05	1145.40	-0.02	-0.36	0.0	-3591.52	-2283.30	-5.72	1.754e+04	1145.40	-1.999e+05
	-3.145e+05	286.38	4.61e-04		75.1	-3591.52	-581.65	-5.72	1.762e+04	715.89	-3.068e+05
					150.1	-3591.52	1044.57	-5.72	1.774e+04	286.38	-2.891e+05
365	74-2.107e+05	90.11	-0.02	-0.37	0.0	-3784.99	-2375.25	-11.88	2.285e+04	90.11	-2.107e+05
	-3.297e+05	-1692.97	5.85e-04		75.1	-3784.99	-601.79	-11.88	2.292e+04	-801.43	-3.218e+05
					150.1	-3784.99	1093.86	-11.88	2.303e+04	-1692.97	-3.030e+05
366	2-1.090e+04	-1.083e+04	0.02	-0.53	0.0	-2289.50	-102.52	29.93	7.714e+04	-1.467e+04	-2.767e+05
	-2.767e+05	-1.467e+04	3.61e-04		64.3	-2289.50	2054.34	29.93	7.804e+04	-1.275e+04	-2.143e+05
					128.6	-2289.50	4289.04	29.93	7.903e+04	-1.083e+04	-1.090e+04
366	3 -1673.02	-6363.06	0.01	-0.37	0.0	-1388.06	-52.95	-2.70	5.435e+04	-6363.06	-1.801e+05
	-1.801e+05	-6709.99	2.75e-04		64.3	-1388.06	1378.83	-2.70	5.493e+04	-6536.53	-1.378e+05
					128.6	-1388.06	2865.46	-2.70	5.557e+04	-6709.99	-1673.02
366	6 8.948e+04	1.973e+05	0.06	-0.53	0.0	-5829.76	-345.38	-4517.08	-4.503e+05	1.973e+05	-2.385e+05
	-2.385e+05	-7.627e+05	0.02		64.3	-5829.76	1257.56	-4517.08	-4.542e+05	-2.827e+05	-1.271e+05
					128.6	-5829.76	3373.48	-4517.08	-4.585e+05	-7.627e+05	8.948e+04
366	7-9.632e+04	7.484e+05	-0.03	-0.30	0.0	2859.63	226.01	4525.06	5.616e+05	-2.126e+05	-1.387e+05
	-1.638e+05	-2.126e+05	-0.01		64.3	2859.63	1604.84	4525.06	5.667e+05	2.679e+05	-1.625e+05
					128.6	2859.63	2583.02	4525.06	5.723e+05	7.484e+05	-9.632e+04
366	21 2.178e+05	1.183e+05	-0.11	-0.48	0.0	1777.94	3163.25	-292.50	-2.690e+05	1.183e+05	2.178e+05
	2133.32	-1.132e+05	4.81e-03		64.3	1777.94	5111.77	-292.50	-2.686e+05	2529.92	5.610e+04
					128.6	1777.94	7183.01	-292.50	-2.684e+05	-1.132e+05	8.848e+04
366	22-2.901e+04	47.81	0.11	-0.38	0.0	-6600.80	-2907.65	-2237.15	4.816e+04	47.81	-5.554e+05
	-5.554e+05	-3.344e+05	4.84e-03		64.3	-6600.80	-1737.15	-2237.15	4.647e+04	-1.672e+05	-3.028e+05
					128.6	-6600.80	-314.59	-2237.15	4.484e+04	-3.344e+05	-2.901e+04
366	23 1.782e+05	3.202e+05	-0.11	-0.40	0.0	3630.67	2788.28	2245.13	6.315e+04	-1.533e+04	1.782e+05
	-5.116e+04	-1.533e+04	-4.29e-03		64.3	3630.67	4599.55	2245.13	6.605e+04	1.524e+05	1.319e+04
					128.6	3630.67	6271.09	2245.13	6.902e+04	3.202e+05	2.217e+04
366	24-9.126e+04	9.897e+04	0.11	-0.29	0.0	-4748.07	-3282.61	300.48	3.803e+05	-1.336e+05	-5.950e+05
	-5.950e+05	-1.336e+05	-4.26e-03		64.3	-4748.07	-2249.37	300.48	3.811e+05	-1.730e+04	-3.457e+05
					128.6	-4748.07	-1226.51	300.48	3.823e+05	9.897e+04	-9.532e+04
366	37 6.983e+04	1.309e+05	-0.04	-0.49	0.0	-2600.98	782.51	-2268.28	-2.890e+05	1.309e+05	-9.008e+04
	-9.578e+04	-4.051e+05	9.00e-03		64.3	-2600.98	2454.32	-2268.28	-2.906e+05	-1.371e+05	-7.514e+04
					128.6	-2600.98	4434.03	-2268.28	-2.925e+05	-4.051e+05	6.983e+04
366	38 5.029e+04	1.105e+05	0.04	-0.47	0.0	-3948.08	-190.08	-2591.49	-2.382e+05	1.105e+05	-2.135e+05
	-2.135e+05	-4.409e+05	9.00e-03		64.3	-3948.08	1356.47	-2591.49	-2.402e+05	-1.652e+05	-1.322e+05
					128.6	-3948.08	3231.71	-2591.49	-2.423e+05	-4.409e+05	5.029e+04
366	39-5.713e+04	4.266e+05	-0.02	-0.33	0.0	977.95	70.71	2599.47	3.495e+05	-1.258e+05	-1.637e+05
	-1.715e+05	-1.258e+05	-8.45e-03		64.3	977.95	1505.93	2599.47	3.527e+05	1.504e+05	-1.574e+05
					128.6	977.95	2724.79	2599.47	3.562e+05	4.266e+05	-5.713e+04
366	54-1.693e+04	-3143.74	0.07	-0.38	0.0	-4267.07	-1573.90	-1264.86	4.450e+04	-3143.74	-3.833e+05
	-3.833e+05	-1.916e+05	2.90e-03		64.3	-4267.07	-256.29	-1264.86	4.384e+04	-9.739e+04	-2.276e+05
					128.6	-4267.07	1230.77	-1264.86	4.322e+04	-1.916e+05	-1.693e+04
366	55 1.010e+04	1.774e+05	-0.06	-0.38	0.0	1296.94	1454.53	1272.84	6.680e+04	-1.214e+04	6100.84
	-6.607e+04	-1.214e+04	-2.34e-03		64.3	1296.94	3118.69	1272.84	6.868e+04	8.262e+04	-6.197e+04
					128.6	1296.94	4725.73	1272.84	7.063e+04	1.774e+05	1.010e+04
366	56-5.502e+04	5.787e+04	0.06	-0.33	0.0	-3193.39	-1787.43	195.46	2.361e+05	-8.017e+04	-4.054e+05
	-4.054e+05	-8.017e+04	-2.34e-03		64.3	-3193.39	-540.81	195.46	2.368e+05	-1.115e+04	-2.523e+05

						128.6	-3193.39	718.00	195.46	2.378e+05	5.787e+04	-5.502e+04
366	69	-1673.02	-6363.06	0.01	-0.37	0.0	-1388.06	-52.95	-2.70	5.435e+04	-6363.06	-1.801e+05
		-1.801e+05	-6709.99	2.75e-04		64.3	-1388.06	1378.83	-2.70	5.493e+04	-6536.53	-1.378e+05
						128.6	-1388.06	2865.46	-2.70	5.557e+04	-6709.99	-1673.02
366	70	-7491.59	-8111.83	0.02	-0.40	0.0	-1711.41	-75.40	19.59	5.867e+04	-1.063e+04	-2.085e+05
		-2.085e+05	-1.063e+04	2.77e-04		64.3	-1711.41	1553.40	19.59	5.935e+04	-9371.24	-1.612e+05
						128.6	-1711.41	3241.42	19.59	6.009e+04	-8111.83	-7491.59
366	71	-1673.02	-6363.06	0.01	-0.37	0.0	-1388.06	-52.95	-2.70	5.435e+04	-6363.06	-1.801e+05
		-1.801e+05	-6709.99	2.75e-04		64.3	-1388.06	1378.83	-2.70	5.493e+04	-6536.53	-1.378e+05
						128.6	-1388.06	2865.46	-2.70	5.557e+04	-6709.99	-1673.02
366	72	-4582.31	-7410.91	0.01	-0.38	0.0	-1549.74	-64.18	8.45	5.651e+04	-8496.86	-1.943e+05
		-1.943e+05	-8496.86	2.76e-04		64.3	-1549.74	1466.11	8.45	5.714e+04	-7953.88	-1.495e+05
						128.6	-1549.74	3053.44	8.45	5.783e+04	-7410.91	-4582.31
366	73	-1673.02	-6363.06	0.01	-0.37	0.0	-1388.06	-52.95	-2.70	5.435e+04	-6363.06	-1.801e+05
		-1.801e+05	-6709.99	2.75e-04		64.3	-1388.06	1378.83	-2.70	5.493e+04	-6536.53	-1.378e+05
						128.6	-1388.06	2865.46	-2.70	5.557e+04	-6709.99	-1673.02
366	74	-3418.59	-7130.54	0.01	-0.38	0.0	-1485.07	-59.68	3.99	5.565e+04	-7643.34	-1.886e+05
		-1.886e+05	-7643.34	2.76e-04		64.3	-1485.07	1431.20	3.99	5.626e+04	-7386.94	-1.448e+05
						128.6	-1485.07	2978.25	3.99	5.693e+04	-7130.54	-3418.59
367	2	-6.893e+04	1.250e+04	-6.57e-03	-0.56	0.0	-1470.11	-1364.05	80.43	5.183e+04	2932.41	-1.757e+05
		-2.003e+05	2932.41	-5.85e-05		59.5	-1470.11	893.85	80.43	5.317e+04	7715.92	-1.898e+05
						118.9	-1470.11	3175.53	80.43	5.455e+04	1.250e+04	-6.893e+04
367	3	-4.134e+04	8385.71	-4.55e-03	-0.39	0.0	-819.67	-925.34	58.03	3.557e+04	1483.79	-1.117e+05
		-1.285e+05	1483.79	-3.42e-05		59.5	-819.67	588.55	58.03	3.645e+04	4934.75	-1.217e+05
						118.9	-819.67	2118.89	58.03	3.737e+04	8385.71	-4.134e+04
367	14	-1.039e+05	1.521e+05	0.02	-0.60	0.0	3221.97	-1398.41	-3749.13	-1.565e+05	1.521e+05	-1.039e+05
		-1.696e+05	-6.149e+05	6.12e-03		59.5	3221.97	-44.66	-3749.13	-1.592e+05	-2.314e+05	-1.692e+05
						118.9	3221.97	2252.97	-3749.13	-1.620e+05	-6.149e+05	-1.155e+05
367	15	2.673e+04	6.323e+05	-7.27e-03	-0.30	0.0	-5023.12	-516.71	3867.18	2.299e+05	-1.487e+05	-1.317e+05
		-1.317e+05	-1.487e+05	-6.19e-03		59.5	-5023.12	1273.25	3867.18	2.344e+05	2.418e+05	-8.693e+04
						118.9	-5023.12	2153.20	3867.18	2.392e+05	6.323e+05	2.673e+04
367	21	4.354e+05	1.797e+05	-0.03	-0.48	0.0	-4658.50	3138.62	872.65	-1.098e+05	1.797e+05	-9.673e+04
		-9.673e+04	9.469e+04	1.21e-03		59.5	-4658.50	4637.28	872.65	-1.082e+05	1.372e+05	1.122e+05
						118.9	-4658.50	6407.81	872.65	-1.068e+05	9.469e+04	4.354e+05
367	22	-1.146e+05	3.862e+04	0.03	-0.44	0.0	4816.07	-4380.55	-1940.20	7.258e+04	3.862e+04	-1.146e+05
		-4.790e+05	-3.762e+05	-6.11e-03		59.5	4816.07	-3021.25	-1940.20	7.409e+04	1.688e+05	-3.416e+05
						118.9	4816.07	-1436.10	-1940.20	7.563e+04	-3.762e+05	-4.790e+05
367	23	3.902e+05	3.936e+05	-0.03	-0.38	0.0	-6617.22	2465.43	2058.25	799.25	-3.525e+04	-1.210e+05
		-1.210e+05	-3.525e+04	6.04e-03		59.5	-6617.22	4249.84	2058.25	1127.72	1.792e+05	8.549e+04
						118.9	-6617.22	5842.27	2058.25	1494.72	3.936e+05	3.902e+05
367	24	-1.388e+05	-7.728e+04	0.03	-0.34	0.0	2857.35	-5053.74	-754.60	1.832e+05	-1.764e+05	-1.388e+05
		-5.242e+05	-1.764e+05	-1.29e-03		59.5	2857.35	-3408.69	-754.60	1.835e+05	-1.268e+05	-3.683e+05
						118.9	2857.35	-2001.65	-754.60	1.839e+05	-7.728e+04	-5.242e+05
367	46	-8.016e+04	8.909e+04	0.01	-0.52	0.0	1409.66	-1165.68	-2124.64	-7.582e+04	8.909e+04	-1.097e+05
		-1.497e+05	-3.487e+05	3.54e-03		59.5	1409.66	277.04	-2124.64	-7.697e+04	-1.298e+05	-1.491e+05
						118.9	1409.66	2275.88	-2124.64	-7.824e+04	-3.487e+05	-8.016e+04
367	47	-8597.49	3.661e+05	-3.94e-03	-0.33	0.0	-3210.81	-749.44	2242.69	1.492e+05	-8.572e+04	-1.258e+05
		-1.285e+05	-8.572e+04	-3.61e-03		59.5	-3210.81	951.55	2242.69	1.522e+05	1.402e+05	-1.071e+05
						118.9	-3210.81	2130.28	2242.69	1.554e+05	3.661e+05	-8597.49
367	53	2.131e+05	1.021e+05	-0.02	-0.45	0.0	-2857.11	1254.25	488.91	-4.415e+04	1.021e+05	-1.058e+05
		-1.058e+05	5.134e+04	6.25e-04		59.5	-2857.11	2777.44	488.91	-4.286e+04	7.672e+04	883.27
						118.9	-2857.11	4463.81	488.91	-4.163e+04	5.134e+04	2.131e+05
367	54	-1.158e+05	2.520e+04	0.02	-0.43	0.0	2176.13	-2776.56	-1052.56	5.395e+04	2.520e+04	-1.158e+05
		-2.774e+05	-2.060e+05	-3.47e-03		59.5	2176.13	-1329.71	-1052.56	5.521e+04	-9.040e+04	-2.418e+05
						118.9	2176.13	255.55	-1052.56	5.650e+04	-2.060e+05	-2.766e+05
367	55	1.879e+05	2.234e+05	-0.02	-0.38	0.0	-3977.28	861.44	1170.61	1.942e+04	-2.183e+04	-1.197e+05
		-1.197e+05	-2.183e+04	3.39e-03		59.5	-3977.28	2558.30	1170.61	2.001e+04	1.008e+05	-1.432e+04
						118.9	-3977.28	4150.61	1170.61	2.063e+04	2.234e+05	1.879e+05
367	56	-1.298e+05	-3.393e+04	0.02	-0.36	0.0	1055.97	-3169.37	-370.86	1.175e+05	-9.873e+04	-1.298e+05
		-3.018e+05	-9.873e+04	-6.99e-04		59.5	1055.97	-1548.85	-370.86	1.181e+05	-6.633e+04	-2.570e+05
						118.9	1055.97	-57.65	-370.86	1.188e+05	-3.393e+04	-3.018e+05
367	69	-4.134e+04	8385.71	-4.55e-03	-0.39	0.0	-819.67	-925.34	58.03	3.557e+04	1483.79	-1.117e+05
		-1.285e+05	1483.79	-3.42e-05		59.5	-819.67	588.55	58.03	3.645e+04	4934.75	-1.217e+05
						118.9	-819.67	2118.89	58.03	3.737e+04	8385.71	-4.134e+04
367	70	-5.147e+04	9451.05	-4.99e-03	-0.43	0.0	-1089.36	-1032.75	61.36	3.930e+04	2152.78	-1.320e+05
		-1.506e+05	2152.78	-4.36e-05		59.5	-1089.36	674.37	61.36	4.031e+04	5801.91	-1.428e+05
						118.9	-1089.36	2399.54	61.36	4.135e+04	9451.05	-5.147e+04
367	71	-4.134e+04	8385.71	-4.55e-03	-0.39	0.0	-819.67	-925.34	58.03	3.557e+04	1483.79	-1.117e+05
		-1.285e+05	1483.79	-3.42e-05		59.5	-819.67	588.55	58.03	3.645e+04	4934.75	-1.217e+05
						118.9	-819.67	2118.89	58.03	3.737e+04	8385.71	-4.134e+04
367	72	-4.640e+04	8918.38	-4.77e-03	-0.41	0.0	-954.51	-979.04	59.69	3.743e+04	1818.28	-1.219e+05
		-1.396e+05	1818.28	-3.89e-05		59.5	-954.51	631.46	59.69	3.838e+04	5368.33	-1.323e+05
						118.9	-954.51	2259.21	59.69	3.936e+04	8918.38	-4.640e+04
367	73	-4.134e+04	8385.71	-4.55e-03	-0.39	0.0	-819.67	-925.34	58.03	3.557e+04	1483.79	-1.117e+05
		-1.285e+05	1483.79	-3.42e-05		59.5	-819.67	588.55	58.03	3.645e+04	4934.75	-1.217e+05
						118.9	-819.67	2118.89	58.03	3.737e+04	8385.71	-4.134e+04
367	74	-4.438e+04	8705.31	-4.68e-03	-0.40	0.0	-900.57	-957.56	59.02	3.669e+04	1684.48	-1.178e+05

		-1.352e+05	1684.48	-3.70e-05		59.5	-900.57	614.29	59.02	3.761e+04	5194.90	-1.281e+05
						118.9	-900.57	2203.08	59.02	3.856e+04	8705.31	-4.438e+04
368	1	1.306e+05	-1549.79	2.34e-03	-0.52	0.0	2223.72	-333.09	-132.15	-5.086e+04	-1549.79	7533.33
		5998.76	-1.411e+04	1.41e-04		47.5	2223.72	1295.93	-132.15	-4.994e+04	-7830.24	3.044e+04
						95.1	2223.72	2918.47	-132.15	-4.905e+04	-1.411e+04	1.306e+05
368	2	1.468e+05	-428.28	2.42e-03	-0.57	0.0	2261.27	-355.82	-137.64	-5.673e+04	-428.28	2964.47
		1517.41	-1.351e+04	1.64e-04		47.5	2361.27	1513.86	-137.64	-5.566e+04	-6969.73	3.051e+04
						95.1	2361.27	3376.87	-137.64	-5.463e+04	-1.351e+04	1.468e+05
368	3	1.005e+05	-1192.15	1.80e-03	-0.40	0.0	1710.56	-256.22	-101.65	-3.913e+04	-1192.15	5794.87
		4614.43	-1.085e+04	1.08e-04		47.5	1710.56	996.87	-101.65	-3.842e+04	-6023.26	2.341e+04
						95.1	1710.56	2244.98	-101.65	-3.773e+04	-1.085e+04	1.005e+05
368	4	1.166e+05	-70.64	1.88e-03	-0.45	0.0	1848.10	-278.95	-107.14	-4.499e+04	-70.64	1226.01
		124.25	-1.025e+04	1.31e-04		47.5	1848.10	1214.80	-107.14	-4.414e+04	-5162.75	2.348e+04
						95.1	1848.10	2703.38	-107.14	-4.331e+04	-1.025e+04	1.166e+05
368	9	2.658e+05	1.690e+05	0.01	-0.57	0.0	2117.96	1718.11	-3730.31	-4.800e+05	1.690e+05	4.003e+04
		4.003e+04	-5.037e+05	-9.41e-03		47.5	2117.96	2587.33	-3730.31	-4.767e+05	-1.673e+05	1.211e+05
						95.1	2117.96	3676.67	-3730.31	-4.737e+05	-5.037e+05	2.658e+05
368	12	-3.027e+04	4.822e+05	-6.79e-03	-0.31	0.0	1358.17	-2239.65	3524.81	3.994e+05	-1.709e+05	-3.027e+04
		-7.707e+04	-1.709e+05	9.64e-03		47.5	1358.17	-506.42	3524.81	3.975e+05	1.556e+05	-7.424e+04
						95.1	1358.17	996.65	3524.81	3.960e+05	4.822e+05	-5.838e+04
368	21	4.725e+05	-2.786e+04	4.37e-03	-0.50	0.0	-2814.43	3652.99	-2239.09	-3.553e+05	-2.786e+04	4.052e+04
		4.052e+04	-3.338e+05	8.87e-04		47.5	-2814.43	4672.09	-2239.09	-3.545e+05	-1.808e+05	2.266e+05
						95.1	-2814.43	5732.13	-2239.09	-3.538e+05	-1.338e+05	4.725e+05
368	24	-3.075e+04	3.123e+05	-7.99e-03	-0.34	0.0	6290.56	-4174.53	2033.59	2.747e+05	2.593e+04	-3.075e+04
		-2.651e+05	2.593e+04	-6.62e-04		47.5	6290.56	-2591.18	2033.59	2.753e+05	1.691e+05	-1.798e+05
						95.1	6290.56	-1058.81	2033.59	2.761e+05	3.123e+05	-2.651e+05
368	26	-6487.61	1.414e+05	0.01	-0.42	0.0	7668.53	-3573.30	228.83	6.221e+04	1.414e+05	-6487.61
		-2.242e+05	8.689e+04	-5.55e-03		47.5	7668.53	-2241.76	228.83	6.472e+04	1.141e+05	-1.519e+05
						95.1	7668.53	-683.85	228.83	6.726e+04	8.689e+04	-2.242e+05
368	27	4.316e+05	-1.084e+05	-9.70e-03	-0.42	0.0	-4192.39	3051.77	-434.33	-1.428e+05	-1.433e+05	1.625e+04
		1.625e+04	-1.433e+05	5.78e-03		47.5	-4192.39	4322.67	-434.33	-1.438e+05	-1.258e+05	1.987e+05
						95.1	-4192.39	5357.17	-434.33	-1.450e+05	-1.084e+05	4.316e+05
368	41	1.942e+05	9.745e+04	6.82e-03	-0.50	0.0	1980.11	853.03	-2182.93	-2.902e+05	9.745e+04	2.511e+04
		2.511e+04	-2.927e+05	-5.39e-03		47.5	1980.11	1901.81	-2182.93	-2.880e+05	-9.763e+04	7.837e+04
						95.1	1980.11	3070.16	-2182.93	-2.859e+05	-2.927e+05	1.942e+05
368	44	1.319e+04	2.712e+05	-3.19e-03	-0.34	0.0	1496.02	-1374.57	1977.43	2.096e+05	-9.939e+04	1.535e+04
		-3.235e+04	-9.939e+04	5.61e-03		47.5	1496.02	179.10	1977.43	2.088e+05	8.593e+04	-3.152e+04
						95.1	1496.02	1603.16	1977.43	2.082e+05	2.712e+05	1.319e+04
368	53	3.033e+05	-1.323e+04	1.39e-03	-0.46	0.0	-705.66	1852.94	-1281.69	-2.120e+05	-1.323e+04	2.521e+04
		2.521e+04	-1.884e+05	4.08e-04		47.5	-705.66	2998.36	-1281.69	-2.111e+05	-1.008e+05	1.338e+05
						95.1	-705.66	4164.65	-1281.69	-2.104e+05	-1.884e+05	3.033e+05
368	56	-1.545e+04	1.670e+05	-5.01e-03	-0.36	0.0	4181.79	-2374.48	1076.19	1.314e+05	1.129e+04	-1.545e+04
		-1.005e+05	1.129e+04	-2.02e-04		47.5	4181.79	-917.46	1076.19	1.320e+05	8.913e+04	-8.698e+04
						95.1	4181.79	508.67	1076.19	1.327e+05	1.670e+05	-5.987e+04
368	58	-1474.60	7.778e+04	8.08e-03	-0.42	0.0	4969.40	-2025.20	35.65	9192.93	7.778e+04	-1474.60
		-8.033e+04	3.707e+04	-2.99e-03		47.5	4969.40	-715.74	35.65	1.092e+04	5.742e+04	-7.087e+04
						95.1	4969.40	721.40	35.65	1.264e+04	3.707e+04	-7.233e+04
368	59	2.797e+05	-5.854e+04	-4.46e-03	-0.40	0.0	-1493.27	1503.66	-241.15	-8.979e+04	-7.971e+04	1.124e+04
		1.124e+04	-7.971e+04	3.22e-03		47.5	-1493.27	2796.65	-241.15	-9.004e+04	-6.913e+04	1.177e+05
						95.1	-1493.27	3951.91	-241.15	-9.034e+04	-5.854e+04	2.797e+05
368	69	1.005e+05	-1192.15	1.80e-03	-0.40	0.0	1710.56	-256.22	-101.65	-3.913e+04	-1192.15	5794.87
		4614.43	-1.085e+04	1.08e-04		47.5	1710.56	996.87	-101.65	-3.842e+04	-6023.26	2.341e+04
						95.1	1710.56	2244.98	-101.65	-3.773e+04	-1.085e+04	1.005e+05
368	70	1.112e+05	-444.47	1.85e-03	-0.43	0.0	1802.25	-271.38	-105.31	-4.304e+04	-444.47	2748.97
		1626.86	-1.045e+04	1.24e-04		47.5	1802.25	1142.16	-105.31	-4.223e+04	-5449.59	2.346e+04
						95.1	1802.25	2550.58	-105.31	-4.145e+04	-1.045e+04	1.112e+05
368	71	1.005e+05	-1192.15	1.80e-03	-0.40	0.0	1710.56	-256.22	-101.65	-3.913e+04	-1192.15	5794.87
		4614.43	-1.085e+04	1.08e-04		47.5	1710.56	996.87	-101.65	-3.842e+04	-6023.26	2.341e+04
						95.1	1710.56	2244.98	-101.65	-3.773e+04	-1.085e+04	1.005e+05
368	72	1.059e+05	-818.31	1.82e-03	-0.42	0.0	1756.41	-263.80	-103.48	-4.108e+04	-818.31	4271.92
		3120.64	-1.065e+04	1.16e-04		47.5	1756.41	1069.51	-103.48	-4.032e+04	-5736.43	2.344e+04
						95.1	1756.41	2397.78	-103.48	-3.959e+04	-1.065e+04	1.059e+05
368	73	1.005e+05	-1192.15	1.80e-03	-0.40	0.0	1710.56	-256.22	-101.65	-3.913e+04	-1192.15	5794.87
		4614.43	-1.085e+04	1.08e-04		47.5	1710.56	996.87	-101.65	-3.842e+04	-6023.26	2.341e+04
						95.1	1710.56	2244.98	-101.65	-3.773e+04	-1.085e+04	1.005e+05
368	74	1.037e+05	-967.85	1.81e-03	-0.41	0.0	1738.07	-260.77	-102.75	-4.030e+04	-967.85	4881.10
		3718.16	-1.073e+04	1.13e-04		47.5	1738.07	1040.45	-102.75	-3.956e+04	-5851.16	2.343e+04
						95.1	1738.07	2336.66	-102.75	-3.885e+04	-1.073e+04	1.037e+05
369	2	-2.913e+05	-8114.51	3.43e-03	-0.49	0.0	-5976.29	-1715.71	-25.23	-8.151e+04	-8114.51	-3.622e+05
		-4.082e+05	-1.164e+04	-5.90e-04		69.8	-5976.29	509.82	-25.23	-8.056e+04	-9875.97	-4.041e+05
						139.6	-5976.29	2724.22	-25.23	-7.971e+04	-1.164e+04	-2.913e+05
369	3	-1.951e+05	-1120.63	3.13e-03	-0.34	0.0	-3889.33	-1192.52	8.41	-5.728e+04	-2295.01	-2.344e+05
		-2.677e+05	-2295.01	-4.11e-04		69.8	-3889.33	283.21	8.41	-5.668e+04	-1707.82	-2.660e+05
						139.6	-3889.33	1746.13	8.41	-5.614e+04	-1120.63	-1.951e+05
369	14	-2.559e+05	3.013e+05	0.03	-0.43	0.0	-1922.06	-1523.55	-1213.40	-3.381e+05	3.013e+05	-2.559e+05
		-3.255e+05	2.447e+05	-7.49e-03		69.8	-1922.06	-296.75	-1213.40	-3.347e+05	2.730e+05	-3.221e+05
						139.6	-1922.06	1608.10	-1213.40	-3.317e+05	2.447e+05	-3.027e+05

369	15	-1.026e+05	-2.510e+05	-0.02	-0.33	0.0	-6224.67	-927.66	1215.76	2.207e+05	-3.080e+05	-2.359e+05
		-2.510e+05	-3.080e+05	6.64e-03		69.8	-6224.67	919.82	1215.76	2.186e+05	-2.795e+05	-2.332e+05
						139.6	-6224.67	2065.86	1215.76	2.168e+05	-2.510e+05	-1.026e+05
369	21	4.628e+05	-4.596e+04	0.01	-0.49	0.0	-1.595e+04	2518.99	1028.14	-1.728e+05	-4.596e+04	7372.60
		7372.60	-1.194e+05	-9.43e-03		69.8	-1.595e+04	3307.21	1028.14	-1.718e+05	-8.267e+04	2.078e+05
						139.6	-1.595e+04	4071.93	1028.14	-1.711e+05	-1.194e+05	4.628e+05
369	24	-4.991e+05	1.131e+05	-0.02	-0.25	0.0	7805.02	-4970.20	-1025.79	5.541e+04	3.931e+04	-4.991e+05
		-8.681e+05	3.931e+04	8.59e-03		69.8	7805.02	-2684.14	-1025.79	5.568e+04	7.619e+04	-7.631e+05
						139.6	7805.02	-397.97	-1025.79	5.608e+04	1.131e+05	-8.681e+05
369	46	-2.482e+05	1.706e+05	0.02	-0.40	0.0	-2987.06	-1350.80	-688.94	-2.198e+05	1.706e+05	-2.482e+05
		-2.968e+05	1.397e+05	-4.60e-03		69.8	-2987.06	-2.84	-688.94	-2.176e+05	1.552e+05	-2.968e+05
						139.6	-2987.06	1731.81	-688.94	-2.156e+05	1.397e+05	-2.517e+05
369	47	-1.536e+05	-1.460e+05	-0.01	-0.33	0.0	-5159.66	-1100.41	691.29	1.024e+05	-1.773e+05	-2.436e+05
		-2.672e+05	-1.773e+05	3.76e-03		69.8	-5159.66	625.91	691.29	1.014e+05	-1.617e+05	-2.585e+05
						139.6	-5159.66	1942.14	691.29	1.006e+05	-1.460e+05	-1.536e+05
369	53	1.523e+05	-2.262e+04	5.56e-03	-0.43	0.0	-1.040e+04	781.86	560.74	-1.243e+05	-2.262e+04	-1.112e+05
		-1.112e+05	-7.018e+04	-5.28e-03		69.8	-1.040e+04	1913.45	560.74	-1.234e+05	-4.640e+04	-1.876e+04
						139.6	-1.040e+04	3029.37	560.74	-1.228e+05	-7.018e+04	1.523e+05
369	56	-3.806e+05	6.387e+04	-0.01	-0.29	0.0	2255.08	-3233.07	-558.38	6880.21	1.598e+04	-3.806e+05
		-5.657e+05	1.598e+04	4.43e-03		69.8	2255.08	-1290.38	-558.38	7318.65	3.992e+04	-5.365e+05
						139.6	2255.08	644.59	-558.38	7795.88	6.387e+04	-5.576e+05
369	69	-1.951e+05	-1120.63	3.13e-03	-0.34	0.0	-3889.33	-1192.52	8.41	-5.728e+04	-2295.01	-2.344e+05
		-2.677e+05	-2295.01	-4.11e-04		69.8	-3889.33	283.21	8.41	-5.668e+04	-1707.82	-2.660e+05
						139.6	-3889.33	1746.13	8.41	-5.614e+04	-1120.63	-1.951e+05
369	70	-2.202e+05	-5715.67	2.67e-03	-0.37	0.0	-4502.77	-1302.81	-15.70	-6.198e+04	-5715.67	-2.727e+05
		-3.078e+05	-7907.71	-4.48e-04		69.8	-4502.77	377.64	-15.70	-6.126e+04	-6811.69	-3.049e+05
						139.6	-4502.77	2048.96	-15.70	-6.063e+04	-7907.71	-2.202e+05
369	71	-1.951e+05	-1120.63	3.13e-03	-0.34	0.0	-3889.33	-1192.52	8.41	-5.728e+04	-2295.01	-2.344e+05
		-2.677e+05	-2295.01	-4.11e-04		69.8	-3889.33	283.21	8.41	-5.668e+04	-1707.82	-2.660e+05
						139.6	-3889.33	1746.13	8.41	-5.614e+04	-1120.63	-1.951e+05
369	72	-2.077e+05	-4005.34	2.84e-03	-0.36	0.0	-4196.05	-1247.66	-3.64	-5.963e+04	-4005.34	-2.536e+05
		-2.878e+05	-4514.17	-4.30e-04		69.8	-4196.05	330.42	-3.64	-5.897e+04	-4259.75	-2.854e+05
						139.6	-4196.05	1897.54	-3.64	-5.838e+04	-4514.17	-2.077e+05
369	73	-1.951e+05	-1120.63	3.13e-03	-0.34	0.0	-3889.33	-1192.52	8.41	-5.728e+04	-2295.01	-2.344e+05
		-2.677e+05	-2295.01	-4.11e-04		69.8	-3889.33	283.21	8.41	-5.668e+04	-1707.82	-2.660e+05
						139.6	-3889.33	1746.13	8.41	-5.614e+04	-1120.63	-1.951e+05
369	74	-2.027e+05	-3156.75	2.95e-03	-0.35	0.0	-4073.36	-1225.60	1.18	-5.869e+04	-3321.21	-2.459e+05
		-2.797e+05	-3321.21	-4.22e-04		69.8	-4073.36	311.54	1.18	-5.805e+04	-3238.98	-2.776e+05
						139.6	-4073.36	1836.98	1.18	-5.749e+04	-3156.75	-2.027e+05
370	2	1.208e+05	-1753.05	0.03	-0.52	0.0	-2303.92	852.88	-47.76	-5971.97	-1753.05	-3.672e+05
		-3.672e+05	-8923.63	1.28e-03		75.1	-2303.92	3225.86	-47.76	-4974.18	-5338.34	-2.150e+05
						150.1	-2303.92	5747.73	-47.76	-3983.63	-8923.63	1.208e+05
370	3	8.229e+04	-4059.76	0.02	-0.36	0.0	-1415.69	530.72	-0.91	-1.827e+04	-4059.76	-2.367e+05
		-2.367e+05	-4196.94	4.50e-04		75.1	-1415.69	2108.46	-0.91	-1.770e+04	-4128.35	-1.382e+05
						150.1	-1415.69	3784.83	-0.91	-1.715e+04	-4196.94	8.229e+04
370	4	9.613e+04	-535.12	0.03	-0.41	0.0	-1879.21	693.66	-47.49	-490.93	-535.12	-2.962e+05
		-2.962e+05	-7664.55	1.15e-03		75.1	-1879.21	2593.33	-47.49	334.55	-4099.83	-1.735e+05
						150.1	-1879.21	4612.28	-47.49	1160.52	-7664.55	9.613e+04
370	33	3.126e+05	2.215e+05	-0.02	-0.62	0.0	-5603.76	1869.41	-5113.20	-1.738e+06	2.215e+05	-5.209e+04
		-5.209e+04	-5.458e+05	4.15e-03		75.1	-5603.76	2826.58	-5113.20	-1.756e+06	-1.622e+05	8.945e+04
						150.1	-5603.76	4477.12	-5113.20	-1.776e+06	-5.458e+05	3.126e+05
370	34	-1.161e+05	6.818e+05	-0.07	-0.47	0.0	4277.31	-339.86	4681.38	1.652e+06	-2.276e+04	-3.653e+05
		-3.732e+05	-2.276e+04	-3.69e-03		75.1	4277.31	2075.92	4681.38	1.670e+06	3.295e+05	-3.306e+05
						150.1	4277.31	3980.33	4681.38	1.691e+06	6.818e+05	-1.161e+05
370	35	2.862e+05	1.605e+04	0.02	-0.61	0.0	-7294.10	1466.49	-4701.84	-1.681e+06	1.605e+04	-1.319e+05
		-1.319e+05	-6.916e+05	4.87e-03		75.1	-7294.10	2334.94	-4701.84	-1.698e+06	-3.378e+05	4.004e+04
						150.1	-7294.10	3920.31	-4701.84	-1.718e+06	-6.916e+05	2.862e+05
370	36	-1.425e+05	5.360e+05	0.07	-0.47	0.0	2586.97	-742.78	5092.75	1.709e+06	-2.282e+05	-4.452e+05
		-4.469e+05	-2.282e+05	-2.97e-03		75.1	2586.97	1584.28	5092.75	1.727e+06	1.539e+05	-3.800e+05
						150.1	2586.97	3423.52	5092.75	1.749e+06	5.360e+05	-1.425e+05
370	65	2.071e+05	1.203e+05	-9.34e-03	-0.50	0.0	-3682.90	1271.40	-2711.11	-9.244e+05	1.203e+05	-1.424e+05
		-1.424e+05	-2.866e+05	2.92e-03		75.1	-3682.90	2551.37	-2711.11	-9.334e+05	-8.315e+04	-1.912e+04
						150.1	-3682.90	4242.58	-2711.11	-9.438e+05	-2.866e+05	2.071e+05
370	66	-2.178e+04	3.609e+05	-0.05	-0.42	0.0	1641.14	87.27	2454.39	8.627e+05	-8570.33	-3.088e+05
		-3.088e+05	-8570.33	-2.16e-03		75.1	1641.14	2143.00	2454.39	8.728e+05	1.762e+05	-2.429e+05
						150.1	1641.14	3979.33	2454.39	8.841e+05	3.609e+05	-2.178e+04
370	67	1.919e+05	1860.66	9.81e-03	-0.50	0.0	-4657.93	1039.36	-2474.85	-8.922e+05	1860.66	-1.884e+05
		-1.884e+05	-3.707e+05	3.34e-03		75.1	-4657.93	2267.86	-2474.85	-9.010e+05	-1.844e+05	-4.767e+04
						150.1	-4657.93	3921.31	-2474.85	-9.110e+05	-3.707e+05	1.919e+05
370	68	-3.699e+04	2.768e+05	0.05	-0.42	0.0	666.11	-144.78	2690.65	8.950e+05	-1.270e+05	-3.549e+05
		-3.549e+05	-1.270e+05	-1.74e-03		75.1	666.11	1859.49	2690.65	9.052e+05	7.491e+04	-2.714e+05
						150.1	666.11	3658.06	2690.65	9.168e+05	2.768e+05	-3.699e+04
370	69	8.229e+04	-4059.76	0.02	-0.36	0.0	-1415.69	530.72	-0.91	-1.827e+04	-4059.76	-2.367e+05
		-2.367e+05	-4196.94	4.50e-04		75.1	-1415.69	2108.46	-0.91	-1.770e+04	-4128.35	-1.382e+05
						150.1	-1415.69	3784.83	-0.91	-1.715e+04	-4196.94	8.229e+04
370	70	9.151e+04	-1710.00	0.02	-0.39	0.0	-1724.70	639.35	-31.96	-6417.34	-1710.00	-2.764e+05
		-2.764e+05	-6508.68	9.16e-04		75.1	-1724.70	2431.70	-31.96	-5675.56	-4109.34	-1.617e+05

370	71	8.229e+04	-4059.76	0.02	-0.36	150.1	-1724.70	4336.46	-31.96	-4942.04	-6508.68	9.151e+04
		-2.367e+05	-4196.94	4.50e-04		0.0	-1415.69	530.72	-0.91	-1.827e+04	-4059.76	-2.367e+05
						75.1	-1415.69	2108.46	-0.91	-1.770e+04	-4128.35	-1.382e+05
370	72	8.690e+04	-2884.88	0.02	-0.38	150.1	-1415.69	3784.83	-0.91	-1.715e+04	-4196.94	8.229e+04
		-2.566e+05	-5352.81	6.83e-04		0.0	-1570.20	585.04	-16.44	-1.234e+04	-2884.88	-2.566e+05
						75.1	-1570.20	2270.08	-16.44	-1.169e+04	-4118.85	-1.500e+05
370	73	8.229e+04	-4059.76	0.02	-0.36	150.1	-1570.20	4060.65	-16.44	-1.104e+04	-5352.81	8.690e+04
		-2.367e+05	-4196.94	4.50e-04		0.0	-1415.69	530.72	-0.91	-1.827e+04	-4059.76	-2.367e+05
						75.1	-1415.69	2108.46	-0.91	-1.770e+04	-4128.35	-1.382e+05
370	74	8.505e+04	-3354.84	0.02	-0.37	150.1	-1415.69	3784.83	-0.91	-1.715e+04	-4196.94	8.229e+04
		-2.486e+05	-4890.46	5.90e-04		0.0	-1508.40	563.31	-10.23	-1.471e+04	-3354.84	-2.486e+05
						75.1	-1508.40	2205.43	-10.23	-1.409e+04	-4122.65	-1.453e+05
371	2	3.060e+05	2.111e+04	-0.01	-0.54	150.1	-1508.40	3950.32	-10.23	-1.349e+04	-4890.46	8.505e+04
		6.381e+04	2.105e+04	5.30e-04		0.0	4042.52	-4373.52	-0.72	1.302e+05	2.111e+04	3.060e+05
						42.3	4042.52	-2856.48	-0.72	1.291e+05	2.108e+04	1.531e+05
371	3	2.053e+05	1.174e+04	-7.57e-03	-0.38	84.6	4042.52	-1367.03	-0.72	1.281e+05	2.105e+04	6.381e+04
		4.079e+04	8983.43	3.57e-04		0.0	2731.88	-2948.34	-32.56	8.820e+04	1.174e+04	2.053e+05
						42.3	2731.88	-1940.21	-32.56	8.750e+04	1.036e+04	1.019e+05
371	14	1.752e+05	-2.106e+05	-0.18	-0.50	84.6	2731.88	-951.47	-32.56	8.684e+04	8983.43	4.079e+04
		-4.759e+04	-6.338e+05	-9.01e-03		0.0	6643.43	-2921.63	5105.33	-1.982e+05	-6.338e+05	1.752e+05
						42.3	6643.43	-2203.58	5105.33	-1.969e+05	-4.222e+05	3.510e+04
371	15	2.511e+05	6.597e+05	0.16	-0.31	84.6	6643.43	-1446.67	5105.33	-1.957e+05	-2.106e+05	-4.759e+04
		1.335e+05	2.323e+05	9.75e-03		0.0	-983.24	-3191.32	-5153.80	3.808e+05	6.597e+05	2.511e+05
						42.3	-983.24	-1810.51	-5153.80	3.780e+05	4.460e+05	1.770e+05
371	29	6.662e+05	3.750e+04	-0.06	-0.48	84.6	-983.24	-508.32	-5153.80	3.754e+05	2.323e+05	1.335e+05
		4.864e+05	2.931e+04	-2.19e-03		0.0	-7011.58	1354.68	-845.70	-2.615e+05	3.750e+04	4.864e+05
						42.3	-7011.58	2178.17	-845.70	-2.623e+05	3.341e+04	5.590e+05
371	30	-3.768e+04	-1.042e+05	-0.08	-0.37	84.6	-7011.58	2889.11	-845.70	-2.632e+05	2.931e+04	6.662e+05
		-5.292e+05	-2.278e+05	-1.93e-03		0.0	1.351e+04	-6956.11	2357.36	2.929e+05	-2.278e+05	-3.768e+04
						42.3	1.351e+04	-5800.04	2357.36	2.930e+05	-1.660e+05	-3.094e+05
371	31	6.151e+05	2.536e+05	0.06	-0.44	84.6	1.351e+04	-4559.96	2357.36	2.932e+05	-1.042e+05	-5.292e+05
		4.639e+05	1.259e+05	2.67e-03		0.0	-7850.18	843.16	-2405.84	-1.103e+05	2.536e+05	4.639e+05
						42.3	-7850.18	1785.95	-2405.84	-1.118e+05	1.898e+05	5.215e+05
371	32	-6.019e+04	-7596.14	0.07	-0.33	84.6	-7850.18	2604.97	-2405.84	-1.134e+05	1.259e+05	6.151e+05
		-5.803e+05	-1.169e+04	2.93e-03		0.0	1.267e+04	-7467.63	797.22	4.441e+05	-1.169e+04	-6.019e+04
						42.3	1.267e+04	-6192.26	797.22	4.434e+05	-9641.34	-3.470e+05
371	46	1.942e+05	-1.165e+05	-0.11	-0.45	84.6	1.267e+04	-4844.10	797.22	4.430e+05	-7596.14	-5.803e+05
		-2097.02	-3.582e+05	-5.03e-03		0.0	4905.57	-2927.53	2916.94	-7.790e+04	-3.582e+05	1.942e+05
						42.3	4905.57	-2071.40	2916.94	-7.746e+04	-2.374e+05	7.026e+04
371	47	2.320e+05	3.840e+05	0.09	-0.33	84.6	4905.57	-1202.71	2916.94	-7.706e+04	-1.165e+05	-2097.02
		8.799e+04	1.382e+05	5.77e-03		0.0	754.61	-3185.42	-2965.42	2.605e+05	3.840e+05	2.320e+05
						42.3	754.61	-1942.69	-2965.42	2.586e+05	2.611e+05	1.418e+05
371	61	3.742e+05	2.107e+04	-0.03	-0.43	84.6	754.61	-752.28	-2965.42	2.568e+05	1.382e+05	8.799e+04
		3.457e+05	2.092e+04	-1.14e-03		0.0	-2383.92	-702.43	-452.23	-9.961e+04	2.092e+04	-0.03
						42.3	-2383.92	223.15	-452.23	-1.004e+05	2.099e+04	3.467e+05
371	62	8.104e+04	-5.508e+04	-0.05	-0.38	84.6	-2383.92	1079.46	-452.23	-1.012e+05	2.107e+04	3.742e+05
		-2.588e+05	-1.196e+05	-9.08e-04		0.0	8515.37	-5112.56	1302.09	1.963e+05	-1.196e+05	8.104e+04
						42.3	8515.37	-4009.44	1302.09	1.960e+05	-8.734e+04	-1.129e+05
371	63	3.452e+05	1.454e+05	0.03	-0.41	84.6	8515.37	-2870.88	1302.09	1.958e+05	-5.508e+04	-2.588e+05
		3.250e+05	7.679e+04	1.65e-03		0.0	-2855.18	-1000.39	-1350.57	-1.367e+04	1.454e+05	3.452e+05
						42.3	-2855.18	-4.66	-1350.57	-1.485e+04	1.111e+05	3.250e+05
371	64	6.819e+04	4900.99	0.04	-0.35	84.6	-2855.18	915.89	-1350.57	-1.604e+04	7.679e+04	3.447e+05
		-2.883e+05	646.45	1.88e-03		0.0	8044.11	-5410.53	403.76	2.822e+05	4900.99	6.819e+04
						42.3	8044.11	-4237.24	403.76	2.815e+05	2773.72	-1.346e+05
371	69	2.053e+05	1.174e+04	-7.57e-03	-0.38	84.6	8044.11	-3034.45	403.76	2.809e+05	646.45	-2.883e+05
		4.079e+04	8983.43	3.57e-04		0.0	2731.88	-2948.34	-32.56	8.820e+04	1.174e+04	2.053e+05
						42.3	2731.88	-1940.21	-32.56	8.750e+04	1.036e+04	1.019e+05
371	70	2.314e+05	1.564e+04	-8.18e-03	-0.41	84.6	2731.88	-951.47	-32.56	8.684e+04	8983.43	4.079e+04
		4.798e+04	1.523e+04	4.01e-04		0.0	3059.26	-3308.79	-4.82	9.854e+04	1.564e+04	2.314e+05
						42.3	3059.26	-2163.01	-4.82	9.773e+04	1.543e+04	1.156e+05
371	71	2.053e+05	1.174e+04	-7.57e-03	-0.38	84.6	3059.26	-1038.22	-4.82	9.696e+04	1.523e+04	4.798e+04
		4.079e+04	8983.43	3.57e-04		0.0	2731.88	-2948.34	-32.56	8.820e+04	1.174e+04	2.053e+05
						42.3	2731.88	-1940.21	-32.56	8.750e+04	1.036e+04	1.019e+05
371	72	2.183e+05	1.369e+04	-7.88e-03	-0.39	84.6	2731.88	-951.47	-32.56	8.684e+04	8983.43	4.079e+04
		4.438e+04	1.211e+04	3.79e-04		0.0	2895.57	-3128.57	-18.69	9.337e+04	1.369e+04	2.183e+05
						42.3	2895.57	-2051.61	-18.69	9.261e+04	1.290e+04	1.088e+05
371	73	2.053e+05	1.174e+04	-7.57e-03	-0.38	84.6	2895.57	-994.85	-18.69	9.190e+04	1.211e+04	4.438e+04
		4.079e+04	8983.43	3.57e-04		0.0	2731.88	-2948.34	-32.56	8.820e+04	1.174e+04	2.053e+05
						42.3	2731.88	-1940.21	-32.56	8.750e+04	1.036e+04	1.019e+05
371	74	2.131e+05	1.291e+04	-7.75e-03	-0.39	84.6	2731.88	-951.47	-32.56	8.684e+04	8983.43	4.079e+04
		4.294e+04	1.086e+04	3.70e-04		0.0	2830.09	-3056.48	-24.24	9.130e+04	1.291e+04	2.131e+05
						42.3	2830.09	-2007.05	-24.24	9.057e+04	1.188e+04	1.060e+05
372	2	-9.150e+04	4223.06	0.02	-0.55	84.6	2830.09	-977.50	-24.24	8.988e+04	1.086e+04	4.294e+04
		-3.587e+05	-9238.49	-3.43e-04		0.0	-3314.98	-4422.79	89.71	-3.954e+04	-9238.49	-9.150e+04
						75.0	-3314.98	-1672.73	89.71	-4.138e+04	-2507.71	-3.194e+05
372	3	-5.735e+04	3188.54	0.01	-0.39	150.1	-3314.98	982.24	89.71	-4.327e+04	4223.06	-3.449e+05
						0.0	-2077.32	-2928.53	61.88	-2.544e+04	-6096.50	-5.735e+04

		-2.324e+05	-6096.50	-2.26e-04		75.0	-2077.32	-1089.13	61.88	-2.666e+04	-1453.98	-2.076e+05
						150.1	-2077.32	687.56	61.88	-2.791e+04	3188.54	-2.224e+05
372	17	1.106e+05	3.123e+05	-0.23	-0.58	0.0	1151.73	-505.17	2376.29	-3.638e+05	3.123e+05	1.106e+05
		-1.885e+05	2.066e+05	-8.38e-03		75.0	1151.73	463.44	2376.29	-3.589e+05	2.594e+05	-1.451e+05
						150.1	1151.73	1997.63	2376.29	-3.546e+05	2.066e+05	-1.466e+05
372	18	-8.945e+04	3.472e+05	-0.22	-0.58	0.0	58.20	-2343.12	2100.25	-3.511e+05	3.472e+05	-8.945e+04
		-2.231e+05	1.951e+05	-8.09e-03		75.0	58.20	-1365.77	2100.25	-3.463e+05	2.711e+05	-2.081e+05
						150.1	58.20	103.94	2100.25	-3.420e+05	1.951e+05	-2.231e+05
372	19	-3.203e+04	-1.887e+05	0.22	-0.30	0.0	-4458.62	-3760.23	-1972.79	2.976e+05	-3.599e+05	-3.203e+04
		-2.895e+05	-3.599e+05	7.62e-03		75.0	-4458.62	-915.23	-1972.79	2.903e+05	-2.743e+05	-2.269e+05
						150.1	-4458.62	1306.54	-1972.79	2.834e+05	-1.887e+05	-2.440e+05
372	20	-2.321e+05	-2.002e+05	0.23	-0.29	0.0	-5552.16	-5598.17	-2248.83	3.103e+05	-3.250e+05	-2.321e+05
		-3.204e+05	-3.250e+05	7.91e-03		75.0	-5552.16	-2744.43	-2248.83	3.029e+05	-2.626e+05	-2.899e+05
						150.1	-5552.16	-587.15	-2248.83	2.960e+05	-2.002e+05	-3.204e+05
372	29	2.945e+05	6.863e+04	-0.09	-0.45	0.0	129.33	463.75	973.78	-1.568e+05	-2302.79	2.945e+05
		-2.162e+05	-2302.79	-5.24e-03		75.0	129.33	2148.25	973.78	-1.565e+05	3.316e+04	-1.025e+05
						150.1	129.33	4004.59	973.78	-1.564e+05	6.863e+04	-8.958e+04
372	32	-2.694e+05	-1.042e+04	0.07	-0.34	0.0	-4529.76	-6567.10	-846.32	1.033e+05	-1.042e+04	-4.159e+05
		-4.159e+05	-6.222e+04	4.77e-03		75.0	-4529.76	-4429.25	-846.32	1.005e+05	-3.632e+04	-3.325e+05
						150.1	-4529.76	-2594.11	-846.32	9.777e+04	-6.222e+04	-3.775e+05
372	49	3.412e+04	1.775e+05	-0.14	-0.50	0.0	-292.66	-1619.14	1397.36	-2.210e+05	1.775e+05	3.412e+04
		-2.117e+05	1.205e+05	-4.91e-03		75.0	-292.66	-251.87	1397.36	-2.188e+05	1.490e+05	-1.770e+05
						150.1	-292.66	1408.16	1397.36	-2.168e+05	1.205e+05	-1.850e+05
372	50	-7.327e+04	1.975e+05	-0.13	-0.50	0.0	-871.49	-2603.99	1238.92	-2.139e+05	1.975e+05	-7.327e+04
		-2.258e+05	1.139e+05	-4.79e-03		75.0	-871.49	-1232.46	1238.92	-2.116e+05	1.557e+05	-2.110e+05
						150.1	-871.49	392.89	1238.92	-2.097e+05	1.139e+05	-2.258e+05
372	51	-4.821e+04	-1.074e+05	0.13	-0.33	0.0	-3528.94	-3499.36	-1111.46	1.604e+05	-2.102e+05	-4.821e+04
		-2.699e+05	-2.102e+05	4.32e-03		75.0	-3528.94	-1048.54	-1111.46	1.556e+05	-1.588e+05	-2.240e+05
						150.1	-3528.94	1017.59	-1111.46	1.511e+05	-1.074e+05	-2.412e+05
372	52	-1.556e+05	-1.141e+05	0.14	-0.33	0.0	-4107.76	-4484.20	-1269.90	1.676e+05	-1.902e+05	-1.556e+05
		-2.838e+05	-1.902e+05	4.44e-03		75.0	-4107.76	-2029.12	-1269.90	1.628e+05	-1.522e+05	-2.580e+05
						150.1	-4107.76	2.32	-1269.90	1.582e+05	-1.141e+05	-2.821e+05
372	61	1.309e+05	4.090e+04	-0.06	-0.43	0.0	-942.42	-1146.80	587.71	-1.014e+05	-3790.02	1.309e+05
		-2.281e+05	-3790.02	-3.03e-03		75.0	-942.42	633.84	587.71	-1.017e+05	1.856e+04	-1.553e+05
						150.1	-942.42	2476.36	587.71	-1.022e+05	4.090e+04	-1.558e+05
372	64	-2.524e+05	-8928.20	0.05	-0.36	0.0	-3458.00	-4956.55	-460.24	4.788e+04	-8928.20	-2.524e+05
		-3.112e+05	-3.450e+04	2.56e-03		75.0	-3458.00	-2914.84	-460.24	4.570e+04	-2.171e+04	-2.797e+05
						150.1	-3458.00	-1065.88	-460.24	4.358e+04	-3.450e+04	-3.112e+05
372	69	-5.735e+04	3188.54	0.01	-0.39	0.0	-2077.32	-2928.53	61.88	-2.544e+04	-6096.50	-5.735e+04
		-2.324e+05	-6096.50	-2.26e-04		75.0	-2077.32	-1089.13	61.88	-2.666e+04	-1453.98	-2.076e+05
						150.1	-2077.32	687.56	61.88	-2.791e+04	3188.54	-2.224e+05
372	70	-6.865e+04	3240.51	0.02	-0.42	0.0	-2486.96	-3339.00	68.06	-2.975e+04	-6971.86	-6.865e+04
		-2.701e+05	-6971.86	-2.59e-04		75.0	-2486.96	-1260.37	68.06	-3.114e+04	-1865.67	-2.406e+05
						150.1	-2486.96	746.50	68.06	-3.257e+04	3240.51	-2.596e+05
372	71	-5.735e+04	3188.54	0.01	-0.39	0.0	-2077.32	-2928.53	61.88	-2.544e+04	-6096.50	-5.735e+04
		-2.324e+05	-6096.50	-2.26e-04		75.0	-2077.32	-1089.13	61.88	-2.666e+04	-1453.98	-2.076e+05
						150.1	-2077.32	687.56	61.88	-2.791e+04	3188.54	-2.224e+05
372	72	-6.300e+04	3214.53	0.01	-0.40	0.0	-2282.14	-3133.76	64.97	-2.760e+04	-6534.18	-6.300e+04
		-2.513e+05	-6534.18	-2.42e-04		75.0	-2282.14	-1174.75	64.97	-2.890e+04	-1659.83	-2.241e+05
						150.1	-2282.14	717.03	64.97	-3.024e+04	3214.53	-2.410e+05
372	73	-5.735e+04	3188.54	0.01	-0.39	0.0	-2077.32	-2928.53	61.88	-2.544e+04	-6096.50	-5.735e+04
		-2.324e+05	-6096.50	-2.26e-04		75.0	-2077.32	-1089.13	61.88	-2.666e+04	-1453.98	-2.076e+05
						150.1	-2077.32	687.56	61.88	-2.791e+04	3188.54	-2.224e+05
372	74	-6.074e+04	3204.13	0.01	-0.40	0.0	-2200.21	-3051.67	63.73	-2.673e+04	-6359.11	-6.074e+04
		-2.437e+05	-6359.11	-2.36e-04		75.0	-2200.21	-1140.50	63.73	-2.800e+04	-1577.49	-2.175e+05
						150.1	-2200.21	705.24	63.73	-2.931e+04	3204.13	-2.335e+05
373	1	3.822e+04	3066.31	-2.53e-03	-0.52	0.0	772.04	-2941.15	-54.48	-2.800e+04	3066.31	3.822e+04
		-8.837e+04	-3413.82	8.34e-06		59.5	772.04	-911.68	-54.48	-2.903e+04	-173.75	-7.638e+04
						118.9	772.04	1126.47	-54.48	-3.008e+04	-3413.82	-7.005e+04
373	2	3.646e+04	1937.19	-2.77e-03	-0.57	0.0	681.63	-3381.62	-56.28	-3.058e+04	1937.19	3.646e+04
		-1.088e+05	-4757.64	2.07e-05		59.5	681.63	-1043.52	-56.28	-3.178e+04	-1410.23	-9.516e+04
						118.9	681.63	1304.08	-56.28	-3.301e+04	-4757.64	-8.748e+04
373	4	2.764e+04	1229.57	-2.19e-03	-0.45	0.0	503.47	-2702.90	-43.71	-2.412e+04	1229.57	2.764e+04
		-8.838e+04	-3969.83	1.88e-05		59.5	503.47	-833.13	-43.71	-2.508e+04	-1370.13	-7.753e+04
						118.9	503.47	1044.12	-43.71	-2.607e+04	-3969.83	-7.131e+04
373	10	4.379e+04	2.984e+05	-0.24	-0.60	0.0	-6029.80	-1634.99	4632.37	-2.322e+05	-7.720e+05	4.379e+04
		-6.873e+04	-7.720e+05	-5.65e-03		59.5	-6029.80	-766.87	4632.37	-2.292e+05	-2.368e+05	-6.342e+04
						118.9	-6029.80	489.52	4632.37	-2.266e+05	2.984e+05	-3.348e+04
373	11	1.430e+04	7.762e+05	0.24	-0.31	0.0	7181.38	-3066.04	-4716.90	1.881e+05	7.762e+05	1.430e+04
		-8.175e+04	-3.042e+05	5.66e-03		59.5	7181.38	-688.45	-4716.90	1.835e+05	2.360e+05	-6.160e+04
						118.9	7181.38	1314.55	-4716.90	1.791e+05	-3.042e+05	-8.126e+04
373	29	5.678e+05	5.286e+04	-0.07	-0.48	0.0	6376.72	1454.30	-35.25	-1.469e+05	-8.250e+04	5.678e+05
		6.537e+04	-8.250e+04	-1.65e-03		59.5	6376.72	2780.35	-35.25	-1.462e+05	-1.482e+04	2.602e+05
						118.9	6376.72	4236.18	-35.25	-1.457e+05	5.286e+04	6.537e+04
373	30	-1.467e+05	1.164e+05	-0.08	-0.45	0.0	-7903.29	-5133.15	2525.07	-3.351e+04	-3.533e+05	-4.127e+05
		-4.127e+05	-3.533e+05	-1.72e-03		59.5	-7903.29	-3677.95	2525.07	-3.349e+04	-1.184e+05	-3.324e+05
						118.9	-7903.29	-2108.58	2525.07	-3.352e+04	1.164e+05	-1.467e+05

373	31	4.707e+05	3.576e+05	0.07	-0.38	0.0	9054.87	432.12	-2609.60	-1.061e+04	3.576e+05	4.707e+05
		3.195e+04	-1.222e+05	1.74e-03		59.5	9054.87	2222.63	-2609.60	-1.227e+04	1.177e+05	2.074e+05
						118.9	9054.87	3912.66	-2609.60	-1.392e+04	-1.222e+05	3.195e+04
373	32	-1.801e+05	8.676e+04	0.08	-0.35	0.0	-5225.14	-6155.33	-49.29	1.028e+05	8.676e+04	-5.097e+05
		-5.097e+05	-5.865e+04	1.67e-03		59.5	-5225.14	-4235.67	-49.29	1.005e+05	1.406e+04	-3.852e+05
						118.9	-5225.14	-2432.10	-49.29	9.827e+04	-5.865e+04	-1.801e+05
373	42	4.473e+04	1.705e+05	-0.14	-0.52	0.0	-3157.14	-1886.98	2639.41	-1.434e+05	-4.432e+05	4.473e+04
		-6.666e+04	-4.432e+05	-3.22e-03		59.5	-3157.14	-703.68	2639.41	-1.420e+05	-1.363e+05	-5.889e+04
						118.9	-3157.14	692.55	2639.41	-1.409e+05	1.705e+05	-4.201e+04
373	43	1.337e+04	4.474e+05	0.14	-0.34	0.0	4308.72	-2814.06	-2723.94	9.926e+04	4.474e+05	1.337e+04
		-7.881e+04	-1.763e+05	3.24e-03		59.5	4308.72	-751.64	-2723.94	9.628e+04	1.356e+05	-6.613e+04
						118.9	4308.72	1111.53	-2723.94	9.342e+04	-1.763e+05	-7.273e+04
373	61	3.196e+05	3.070e+04	-0.04	-0.45	0.0	3600.96	-292.78	-7.19	-9.186e+04	-4.879e+04	3.196e+05
		9113.32	-4.879e+04	-9.60e-04		59.5	3600.96	1162.26	-7.19	-9.184e+04	-9042.03	1.114e+05
						118.9	3600.96	2690.33	-7.19	-9.191e+04	3.070e+04	9113.32
373	62	-1.044e+05	6.449e+04	-0.04	-0.43	0.0	-4004.63	-3813.29	1404.60	-3.057e+04	-2.005e+05	-2.049e+05
		-2.181e+05	-2.005e+05	-9.60e-04		59.5	-4004.63	-2292.29	1404.60	-3.090e+04	-6.799e+04	-2.057e+05
						118.9	-4004.63	-706.26	1404.60	-3.127e+04	6.449e+04	-1.044e+05
373	63	2.630e+05	2.047e+05	0.04	-0.38	0.0	5156.21	-887.75	-1489.14	-1.355e+04	2.047e+05	2.630e+05
		-1.032e+04	-7.028e+04	9.78e-04		59.5	5156.21	836.96	-1489.14	-1.486e+04	6.723e+04	8.070e+04
						118.9	5156.21	2510.33	-1489.14	-1.617e+04	-7.028e+04	-1.032e+04
373	64	-1.239e+05	5.305e+04	0.04	-0.37	0.0	-2449.38	-4408.26	-77.34	4.774e+04	5.305e+04	-2.615e+05
		-2.634e+05	-3.649e+04	9.78e-04		59.5	-2449.38	-2617.58	-77.34	4.608e+04	8280.13	-2.364e+05
						118.9	-2449.38	-886.26	-77.34	4.447e+04	-3.649e+04	-1.239e+05
373	69	2.940e+04	2358.70	-1.94e-03	-0.40	0.0	593.87	-2262.42	-41.91	-2.154e+04	2358.70	2.940e+04
		-6.798e+04	-2626.01	6.42e-06		59.5	593.87	-701.29	-41.91	-2.233e+04	-133.66	-5.876e+04
						118.9	593.87	866.52	-41.91	-2.314e+04	-2626.01	-5.389e+04
373	70	2.823e+04	1605.95	-2.11e-03	-0.43	0.0	533.60	-2556.07	-43.11	-2.326e+04	1605.95	2.823e+04
		-8.158e+04	-3521.89	1.46e-05		59.5	533.60	-789.19	-43.11	-2.416e+04	-957.97	-7.127e+04
						118.9	533.60	984.92	-43.11	-2.509e+04	-3521.89	-6.550e+04
373	71	2.940e+04	2358.70	-1.94e-03	-0.40	0.0	593.87	-2262.42	-41.91	-2.154e+04	2358.70	2.940e+04
		-6.798e+04	-2626.01	6.42e-06		59.5	593.87	-701.29	-41.91	-2.233e+04	-133.66	-5.876e+04
						118.9	593.87	866.52	-41.91	-2.314e+04	-2626.01	-5.389e+04
373	72	2.881e+04	1982.33	-2.03e-03	-0.42	0.0	563.74	-2409.25	-42.51	-2.240e+04	1982.33	2.881e+04
		-7.478e+04	-3073.95	1.05e-05		59.5	563.74	-745.24	-42.51	-2.325e+04	-545.81	-6.502e+04
						118.9	563.74	925.72	-42.51	-2.411e+04	-3073.95	-5.969e+04
373	73	2.940e+04	2358.70	-1.94e-03	-0.40	0.0	593.87	-2262.42	-41.91	-2.154e+04	2358.70	2.940e+04
		-6.798e+04	-2626.01	6.42e-06		59.5	593.87	-701.29	-41.91	-2.233e+04	-133.66	-5.876e+04
						118.9	593.87	866.52	-41.91	-2.314e+04	-2626.01	-5.389e+04
373	74	2.905e+04	2132.88	-1.99e-03	-0.41	0.0	575.79	-2350.52	-42.27	-2.206e+04	2132.88	2.905e+04
		-7.206e+04	-2894.78	8.88e-06		59.5	575.79	-727.66	-42.27	-2.288e+04	-380.95	-6.251e+04
						118.9	575.79	902.04	-42.27	-2.372e+04	-2894.78	-5.737e+04
374	2	-2.610e+05	1.315e+04	9.22e-03	-0.50	0.0	-4840.81	-2290.26	-40.82	-8.729e+04	1.315e+04	-2.610e+05
		-3.428e+05	7900.14	-4.85e-04		64.3	-4840.81	-227.27	-40.82	-8.800e+04	1.052e+04	-3.420e+05
						128.6	-4840.81	1871.17	-40.82	-8.881e+04	7900.14	-2.894e+05
374	3	-1.754e+05	2046.91	7.22e-03	-0.35	0.0	-3141.10	-1450.74	-3.42	-6.152e+04	2046.91	-1.754e+05
		-2.250e+05	1606.72	-3.14e-04		64.3	-3141.10	-91.10	-3.42	-6.196e+04	1826.81	-2.250e+05
						128.6	-3141.10	1296.34	-3.42	-6.246e+04	1606.72	-1.865e+05
374	18	-2.677e+05	2.605e+05	-0.08	-0.45	0.0	-6195.34	-1889.40	474.66	-4.711e+05	2.605e+05	-3.502e+05
		-3.596e+05	2.307e+05	0.02		64.3	-6195.34	-855.17	474.66	-4.746e+05	2.456e+05	-3.482e+05
						128.6	-6195.34	880.09	474.66	-4.787e+05	2.307e+05	-2.677e+05
374	19	-1.376e+04	-2.252e+05	0.08	-0.34	0.0	-389.81	-1173.80	-496.06	3.452e+05	-2.522e+05	-1.376e+04
		-1.365e+05	-2.522e+05	-0.02		64.3	-389.81	629.44	-496.06	3.478e+05	-2.387e+05	-1.216e+05
						128.6	-389.81	1786.96	-496.06	3.507e+05	-2.252e+05	-1.241e+05
374	29	5.546e+05	-4.144e+04	-0.21	-0.51	0.0	1.032e+04	1191.24	-238.75	-3.683e+05	-9.987e+04	5.546e+05
		1.429e+05	-9.987e+04	8.37e-03		64.3	1.032e+04	3159.53	-238.75	-3.683e+05	-7.065e+04	3.218e+05
						128.6	1.032e+04	5217.39	-238.75	-3.687e+05	-4.144e+04	1.429e+05
374	32	-5.347e+05	1.082e+05	0.21	-0.25	0.0	-1.690e+04	-4254.44	217.35	2.424e+05	1.082e+05	-9.185e+05
		-9.185e+05	4.697e+04	-9.02e-03		64.3	-1.690e+04	-3385.26	217.35	2.414e+05	7.757e+04	-7.916e+05
						128.6	-1.690e+04	-2550.34	217.35	2.408e+05	4.697e+04	-5.347e+05
374	50	-2.331e+05	1.520e+05	-0.05	-0.41	0.0	-4790.37	-1705.46	262.13	-3.006e+05	1.520e+05	-2.702e+05
		-2.956e+05	1.337e+05	9.96e-03		64.3	-4790.37	-505.14	262.13	-3.028e+05	1.429e+05	-2.935e+05
						128.6	-4790.37	1114.73	262.13	-3.053e+05	1.337e+05	-2.331e+05
374	51	-9.373e+04	-1.282e+05	0.05	-0.34	0.0	-1794.78	-1357.74	-283.53	1.746e+05	-1.437e+05	-9.373e+04
		-1.818e+05	-1.437e+05	-0.01		64.3	-1794.78	279.40	-283.53	1.759e+05	-1.359e+05	-1.763e+05
						128.6	-1794.78	1552.32	-283.53	1.773e+05	-1.282e+05	-1.587e+05
374	61	2.094e+05	-2.085e+04	-0.12	-0.44	0.0	3946.59	-68.06	-118.94	-2.320e+05	-5.564e+04	2.094e+05
		-1.602e+04	-5.564e+04	4.65e-03		64.3	3946.59	1637.76	-118.94	-2.323e+05	-3.824e+04	6.077e+04
						128.6	3946.59	3412.96	-118.94	-2.328e+05	-2.085e+04	-1.602e+04
374	64	-3.757e+05	6.392e+04	0.12	-0.30	0.0	-1.053e+04	-2995.14	97.54	1.060e+05	6.392e+04	-5.733e+05
		-5.741e+05	2.639e+04	-5.31e-03		64.3	-1.053e+04	-1863.49	97.54	1.054e+05	4.516e+04	-5.306e+05
						128.6	-1.053e+04	-745.91	97.54	1.048e+05	2.639e+04	-3.757e+05
374	69	-1.754e+05	2046.91	7.22e-03	-0.35	0.0	-3141.10	-1450.74	-3.42	-6.152e+04	2046.91	-1.754e+05
		-2.250e+05	1606.72	-3.14e-04		64.3	-3141.10	-91.10	-3.42	-6.196e+04	1826.81	-2.250e+05
						128.6	-3141.10	1296.34	-3.42	-6.246e+04	1606.72	-1.865e+05
374	70	-1.974e+05	9038.00	7.11e-03	-0.38	0.0	-3646.02	-1720.27	-27.67	-6.639e+04	9038.00	-1.974e+05
		-2.585e+05	5480.99	-3.65e-04		64.3	-3646.02	-163.66	-27.67	-6.693e+04	7259.49	-2.580e+05

						128.6	-3646.02	1420.29	-27.67	-6.753e+04	5480.99	-2.178e+05
374	71	-1.754e+05	2046.91	7.22e-03	-0.35	0.0	-3141.10	-1450.74	-3.42	-6.152e+04	2046.91	-1.754e+05
		-2.250e+05	1606.72	-3.14e-04		64.3	-3141.10	-91.10	-3.42	-6.196e+04	1826.81	-2.250e+05
						128.6	-3141.10	1296.34	-3.42	-6.246e+04	1606.72	-1.865e+05
374	72	-1.864e+05	5542.45	7.16e-03	-0.36	0.0	-3393.56	-1585.51	-15.55	-6.395e+04	5542.45	-1.864e+05
		-2.418e+05	3543.86	-3.40e-04		64.3	-3393.56	-127.38	-15.55	-6.444e+04	4543.15	-2.415e+05
						128.6	-3393.56	1358.31	-15.55	-6.500e+04	3543.86	-2.021e+05
374	73	-1.754e+05	2046.91	7.22e-03	-0.35	0.0	-3141.10	-1450.74	-3.42	-6.152e+04	2046.91	-1.754e+05
		-2.250e+05	1606.72	-3.14e-04		64.3	-3141.10	-91.10	-3.42	-6.196e+04	1826.81	-2.250e+05
						128.6	-3141.10	1296.34	-3.42	-6.246e+04	1606.72	-1.865e+05
374	74	-1.820e+05	4144.23	7.19e-03	-0.36	0.0	-3292.57	-1531.60	-10.70	-6.298e+04	4144.23	-1.820e+05
		-2.351e+05	2769.00	-3.29e-04		64.3	-3292.57	-112.87	-10.70	-6.345e+04	3456.62	-2.349e+05
						128.6	-3292.57	1333.52	-10.70	-6.398e+04	2769.00	-1.959e+05
375	1	3.069e+05	-2499.67	-0.04	-0.52	0.0	533.44	-6441.78	0.82	-4.976e+04	-2622.80	3.069e+05
		-2.719e+05	-2622.80	-5.32e-04		75.1	533.44	-3823.87	0.82	-4.991e+04	-2561.24	-7.720e+04
						150.1	533.44	-1394.95	0.82	-5.013e+04	-2499.67	-2.719e+05
375	2	3.527e+05	1585.07	-0.05	-0.58	0.0	423.76	-7541.36	46.34	-8.148e+04	-5371.61	3.527e+05
		-3.281e+05	-5371.61	-1.22e-03		75.1	423.76	-4498.11	46.34	-8.152e+04	-1893.27	-9.776e+04
						150.1	423.76	-1673.33	46.34	-8.168e+04	1585.07	-3.281e+05
375	4	2.819e+05	2161.92	-0.04	-0.46	0.0	300.66	-6054.80	46.15	-7.000e+04	-4766.35	2.819e+05
		-2.653e+05	-4766.35	-1.10e-03		75.1	300.66	-3615.67	46.15	-7.001e+04	-1302.22	-7.994e+04
						150.1	300.66	-1351.42	46.15	-7.011e+04	2161.92	-2.653e+05
375	25	4.479e+05	2.050e+04	4.76e-03	-0.63	0.0	-4637.11	-4732.41	5239.88	-1.895e+06	-7.493e+05	4.479e+05
		-3.919e+04	-7.493e+05	-5.61e-03		75.1	-4637.11	-2546.02	5239.88	-1.876e+06	-3.644e+05	1.415e+05
						150.1	-4637.11	-84.93	5239.88	-1.860e+06	2.050e+04	-3.919e+04
375	28	4.259e+04	7.441e+05	-0.06	-0.52	0.0	5413.91	-5617.85	-5220.41	1.805e+06	7.441e+05	4.259e+04
		-4.016e+05	-2.271e+04	4.52e-03		75.1	5413.91	-3606.56	-5220.41	1.786e+06	3.607e+05	-2.271e+04
						150.1	5413.91	-2172.50	-5220.41	1.770e+06	-2.271e+04	-4.016e+05
375	57	3.534e+05	8861.79	0.02	-0.53	0.0	-2369.53	-4924.43	2772.18	-1.020e+06	-3.985e+05	3.534e+05
		-1.225e+05	-3.985e+05	-3.74e-03		75.1	-2369.53	-2782.83	2772.18	-1.010e+06	-1.948e+05	4.631e+04
						150.1	-2369.53	-563.19	2772.18	-1.002e+06	8861.79	-1.225e+05
375	60	1.371e+05	3.933e+05	-0.05	-0.47	0.0	3146.33	-5425.83	-2752.71	9.308e+05	3.933e+05	1.371e+05
		-3.183e+05	-1.107e+04	2.65e-03		75.1	3146.33	-3369.74	-2752.71	9.208e+05	1.911e+05	-1.733e+05
						150.1	3146.33	-1694.24	-2752.71	9.121e+05	-1.107e+04	-3.183e+05
375	69	2.361e+05	-1922.82	-0.03	-0.40	0.0	410.33	-4955.22	0.63	-3.828e+04	-2017.54	2.361e+05
		-2.092e+05	-2017.54	-4.09e-04		75.1	410.33	-2941.44	0.63	-3.839e+04	-1970.18	-5.938e+04
						150.1	410.33	-1073.04	0.63	-3.856e+04	-1922.82	-2.092e+05
375	70	2.666e+05	800.34	-0.04	-0.44	0.0	337.22	-5688.27	30.98	-5.943e+04	-3850.08	2.666e+05
		-2.466e+05	-3850.08	-8.68e-04		75.1	337.22	-3390.93	30.98	-5.947e+04	-1524.87	-7.309e+04
						150.1	337.22	-1258.63	30.98	-5.959e+04	800.34	-2.466e+05
375	71	2.361e+05	-1922.82	-0.03	-0.40	0.0	410.33	-4955.22	0.63	-3.828e+04	-2017.54	2.361e+05
		-2.092e+05	-2017.54	-4.09e-04		75.1	410.33	-2941.44	0.63	-3.839e+04	-1970.18	-5.938e+04
						150.1	410.33	-1073.04	0.63	-3.856e+04	-1922.82	-2.092e+05
375	72	2.513e+05	-561.24	-0.03	-0.42	0.0	373.77	-5321.74	15.80	-4.885e+04	-2933.81	2.513e+05
		-2.279e+05	-2933.81	-6.39e-04		75.1	373.77	-3166.19	15.80	-4.893e+04	-1747.53	-6.624e+04
						150.1	373.77	-1165.83	15.80	-4.908e+04	-561.24	-2.279e+05
375	73	2.361e+05	-1922.82	-0.03	-0.40	0.0	410.33	-4955.22	0.63	-3.828e+04	-2017.54	2.361e+05
		-2.092e+05	-2017.54	-4.09e-04		75.1	410.33	-2941.44	0.63	-3.839e+04	-1970.18	-5.938e+04
						150.1	410.33	-1073.04	0.63	-3.856e+04	-1922.82	-2.092e+05
375	74	2.452e+05	-1105.88	-0.03	-0.42	0.0	388.40	-5175.13	9.74	-4.462e+04	-2567.30	2.452e+05
		-2.204e+05	-2567.30	-5.47e-04		75.1	388.40	-3076.29	9.74	-4.471e+04	-1836.59	-6.349e+04
						150.1	388.40	-1128.72	9.74	-4.487e+04	-1105.88	-2.204e+05
376	2	2.839e+05	-3291.14	0.01	-0.69	0.0	4013.24	-5923.37	15.19	-4.552e+04	-5479.22	2.839e+05
		-5.480e+04	-5479.22	-4.70e-04		72.0	4013.24	-2194.32	15.19	-4.494e+04	-4385.18	-8012.43
						144.0	4013.24	1486.22	15.19	-4.443e+04	-3291.14	-3.322e+04
376	3	1.869e+05	-942.63	7.13e-03	-0.47	0.0	2706.03	-3893.08	4.41	-2.377e+04	-1578.11	1.869e+05
		-3.402e+04	-1578.11	-1.65e-04		72.0	2706.03	-1424.03	4.41	-2.358e+04	-1260.37	-4335.97
						144.0	2706.03	1013.07	4.41	-2.341e+04	-942.63	-1.894e+04
376	13	3.108e+05	7.322e+04	-0.01	-0.58	0.0	904.85	-3228.85	611.27	-4.365e+05	-8.267e+04	3.108e+05
		-1.010e+04	-8.267e+04	4.87e-04		72.0	904.85	-643.01	611.27	-4.260e+05	-4722.68	5.428e+04
						144.0	904.85	1917.40	611.27	-4.162e+05	7.322e+04	2.175e+04
376	22	1.438e+05	1.216e+05	0.01	-0.75	0.0	4884.31	-4085.88	-1206.78	1.168e+06	1.216e+05	1.438e+05
		-1.033e+05	-1.944e+05	-7.36e-03		72.0	4884.31	-1530.38	-1206.78	1.136e+06	-3.642e+04	-6.641e+04
						144.0	4884.31	1005.85	-1206.78	1.105e+06	-1.944e+05	-8.940e+04
376	23	2.464e+05	1.917e+05	-0.01	-0.77	0.0	725.92	-4045.23	1219.39	-1.222e+06	-1.261e+05	2.464e+05
		3.076e+04	-1.261e+05	6.93e-03		72.0	725.92	-1454.92	1219.39	-1.189e+06	3.280e+04	5.679e+04
						144.0	725.92	1087.98	1219.39	-1.158e+06	1.917e+05	4.808e+04
376	24	1.252e+05	1.620e+05	0.01	-0.76	0.0	5440.58	-4246.76	-1508.46	1.209e+06	1.620e+05	1.252e+05
		-1.091e+05	-1.816e+05	-8.33e-03		72.0	5440.58	-1695.99	-1508.46	1.178e+06	-9803.10	-7.464e+04
						144.0	5440.58	832.67	-1508.46	1.148e+06	-1.816e+05	-9.767e+04
376	25	2.849e+05	1.909e+05	-0.01	-0.77	0.0	89.86	-3722.84	1428.97	-1.256e+06	-1.575e+05	2.849e+05
		3.543e+04	-1.575e+05	6.94e-03		72.0	89.86	-1128.07	1428.97	-1.223e+06	1.670e+04	7.271e+04
						144.0	89.86	1424.23	1428.97	-1.192e+06	1.909e+05	5.838e+04
376	28	1.052e+05	1.529e+05	0.01	-0.76	0.0	5520.36	-4408.27	-1416.36	1.202e+06	1.529e+05	1.052e+05
		-1.079e+05	-1.936e+05	-7.37e-03		72.0	5520.36	-1857.23	-1416.36	1.170e+06	-2.032e+04	-8.233e+04
						144.0	5520.36	669.60	-1416.36	1.140e+06	-1.936e+05	-9.970e+04
376	45	2.610e+05	4.049e+04	-0.01	-0.54	0.0	1726.60	-3583.17	332.42	-2.438e+05	-4.794e+04	2.610e+05

		-2.212e+04	-4.794e+04	8.83e-05		72.0	1726.60	-1003.23	332.42	-2.382e+05	-3724.96	2.837e+04
						144.0	1726.60	1548.16	332.42	-2.329e+05	4.049e+04	2855.30
376	54	1.682e+05	6.777e+04	9.92e-03	-0.62	0.0	3943.55	-4075.65	-630.34	6.041e+05	6.777e+04	1.682e+05
		-7.183e+04	-1.090e+05	-4.03e-03		72.0	3943.55	-1511.37	-630.34	5.873e+05	-2.063e+04	-3.747e+04
						144.0	3943.55	1026.91	-630.34	5.713e+05	-1.090e+05	-5.712e+04
376	55	2.220e+05	1.063e+05	-9.94e-03	-0.63	0.0	1666.67	-4055.46	642.95	-6.575e+05	-7.230e+04	2.220e+05
		-431.73	-7.230e+04	3.60e-03		72.0	1666.67	-1473.93	642.95	-6.402e+05	1.701e+04	2.785e+04
						144.0	1666.67	1066.92	642.95	-6.237e+05	1.063e+05	1.580e+04
376	56	1.575e+05	9.008e+04	0.01	-0.63	0.0	4266.40	-4169.01	-798.03	6.264e+05	9.008e+04	1.575e+05
		-7.507e+04	-1.016e+05	-4.56e-03		72.0	4266.40	-1607.47	-798.03	6.099e+05	-5768.19	-4.211e+04
						144.0	4266.40	926.44	-798.03	5.942e+05	-1.016e+05	-6.187e+04
376	57	2.442e+05	1.058e+05	-0.01	-0.64	0.0	1298.68	-3869.18	759.78	-6.760e+05	-8.985e+04	2.442e+05
		2032.34	-8.985e+04	3.59e-03		72.0	1298.68	-1285.06	759.78	-6.587e+05	7981.94	3.698e+04
						144.0	1298.68	1261.21	759.78	-6.424e+05	1.058e+05	2.173e+04
376	60	1.460e+05	8.532e+04	0.01	-0.63	0.0	4311.54	-4261.93	-747.17	6.226e+05	8.532e+04	1.460e+05
		-7.430e+04	-1.085e+05	-4.02e-03		72.0	4311.54	-1700.24	-747.17	6.059e+05	-1.160e+04	-4.660e+04
						144.0	4311.54	832.62	-747.17	5.899e+05	-1.085e+05	-6.305e+04
376	69	1.869e+05	-942.63	7.13e-03	-0.47	0.0	2706.03	-3893.08	4.41	-2.377e+04	-1578.11	1.869e+05
		-3.402e+04	-1578.11	-1.65e-04		72.0	2706.03	-1424.03	4.41	-2.358e+04	-1260.37	-4335.97
						144.0	2706.03	1013.07	4.41	-2.341e+04	-942.63	-1.894e+04
376	70	2.142e+05	-2319.78	8.17e-03	-0.52	0.0	3036.30	-4467.99	10.72	-3.351e+04	-3863.23	2.142e+05
		-4.107e+04	-3863.23	-3.35e-04		72.0	3036.30	-1652.75	10.72	-3.311e+04	-3091.50	-5919.75
						144.0	3036.30	1125.89	10.72	-3.274e+04	-2319.78	-2.467e+04
376	71	1.869e+05	-942.63	7.13e-03	-0.47	0.0	2706.03	-3893.08	4.41	-2.377e+04	-1578.11	1.869e+05
		-3.402e+04	-1578.11	-1.65e-04		72.0	2706.03	-1424.03	4.41	-2.358e+04	-1260.37	-4335.97
						144.0	2706.03	1013.07	4.41	-2.341e+04	-942.63	-1.894e+04
376	72	2.006e+05	-1631.20	7.65e-03	-0.50	0.0	2871.17	-4180.54	7.57	-2.864e+04	-2720.67	2.006e+05
		-3.754e+04	-2720.67	-2.50e-04		72.0	2871.17	-1538.39	7.57	-2.834e+04	-2175.93	-5127.86
						144.0	2871.17	1069.48	7.57	-2.808e+04	-1631.20	-2.181e+04
376	73	1.869e+05	-942.63	7.13e-03	-0.47	0.0	2706.03	-3893.08	4.41	-2.377e+04	-1578.11	1.869e+05
		-3.402e+04	-1578.11	-1.65e-04		72.0	2706.03	-1424.03	4.41	-2.358e+04	-1260.37	-4335.97
						144.0	2706.03	1013.07	4.41	-2.341e+04	-942.63	-1.894e+04
376	74	1.951e+05	-1355.77	7.44e-03	-0.49	0.0	2805.11	-4065.55	6.30	-2.670e+04	-2263.65	1.951e+05
		-3.613e+04	-2263.65	-2.16e-04		72.0	2805.11	-1492.65	6.30	-2.644e+04	-1809.77	-4811.10
						144.0	2805.11	1046.91	6.30	-2.621e+04	-1355.77	-2.066e+04
377	2	1.805e+05	911.37	-3.70e-03	-0.67	0.0	1850.74	-5958.06	39.62	-2.032e+04	-4794.59	1.805e+05
		-1.756e+05	-4794.59	7.40e-05		72.0	1850.74	-2371.27	39.62	-1.946e+04	-1941.61	-1.194e+05
						144.0	1850.74	1229.62	39.62	-1.862e+04	911.37	-1.607e+05
377	3	1.187e+05	-538.76	-2.44e-03	-0.46	0.0	1271.50	-3921.19	12.49	-1.270e+04	-2337.94	1.187e+05
		-1.141e+05	-2337.94	5.29e-05		72.0	1271.50	-1544.59	12.49	-1.234e+04	-1438.35	-7.807e+04
						144.0	1271.50	841.31	12.49	-1.199e+04	-538.76	-1.035e+05
377	4	1.449e+05	1073.00	-2.97e-03	-0.53	0.0	1469.29	-4781.70	35.88	-1.650e+04	-4093.21	1.449e+05
		-1.414e+05	-4093.21	5.82e-05		72.0	1469.29	-1907.89	35.88	-1.575e+04	-1510.11	-9.602e+04
						144.0	1469.29	977.22	35.88	-1.503e+04	1073.00	-1.296e+05
377	17	2.508e+05	9.283e+04	-7.09e-03	-0.58	0.0	2322.23	-3198.54	-607.76	-1.562e+05	9.283e+04	2.508e+05
		-1.030e+05	-2.034e+04	1.19e-03		72.0	2322.23	-769.21	-607.76	-1.461e+05	3.625e+04	-1.731e+04
						144.0	2322.23	1687.96	-607.76	-1.367e+05	-2.034e+04	-1.030e+05
377	20	-2912.62	1.990e+04	0.01	-0.55	0.0	299.89	-4988.04	642.11	1.292e+05	-9.821e+04	-2912.62
		-1.546e+05	-9.821e+04	-1.08e-03		72.0	299.89	-2465.30	642.11	1.200e+05	-3.915e+04	-1.460e+05
						144.0	299.89	49.03	642.11	1.115e+05	1.990e+04	-1.144e+05
377	21	1.666e+05	3.056e+05	-0.02	-0.78	0.0	-46.67	-3828.72	-2288.68	-1.869e+05	3.056e+05	1.666e+05
		-1.008e+05	-9.067e+04	-2.28e-03		72.0	-46.67	-1412.53	-2288.68	-1.890e+05	1.075e+05	-5.534e+04
						144.0	-46.67	1032.58	-2288.68	-2.009e+05	-9.067e+04	-9.259e+04
377	24	8.134e+04	9.024e+04	0.02	-0.76	0.0	2668.79	-4357.86	2323.02	1.599e+05	-3.110e+05	8.134e+04
		-1.386e+05	-3.110e+05	2.38e-03		72.0	2668.79	-1821.97	2323.02	1.629e+05	-1.104e+05	-1.080e+05
						144.0	2668.79	704.41	2323.02	1.757e+05	9.024e+04	-1.248e+05
377	34	1.169e+05	1.233e+05	0.02	-0.76	0.0	3532.91	-4100.88	1488.43	2.341e+05	-2.572e+05	1.169e+05
		-1.326e+05	-2.572e+05	-1.29e-03		72.0	3532.91	-1572.65	1488.43	2.036e+05	-6.694e+04	-9.054e+04
						144.0	3532.91	960.73	1488.43	1.750e+05	1.233e+05	-1.251e+05
377	35	1.310e+05	2.518e+05	-0.02	-0.78	0.0	-910.79	-4085.70	-1454.09	-2.610e+05	2.518e+05	1.310e+05
		-1.068e+05	-1.237e+05	1.40e-03		72.0	-910.79	-1661.86	-1454.09	-2.297e+05	5.640e+04	-7.278e+04
						144.0	-910.79	776.25	-1454.09	-2.002e+05	-1.237e+05	-9.231e+04
377	49	1.966e+05	4.965e+04	-2.82e-03	-0.53	0.0	1904.17	-3580.57	-317.90	-9.157e+04	4.965e+04	1.966e+05
		-1.081e+05	-1.193e+04	7.02e-04		72.0	1904.17	-1130.41	-317.90	-8.611e+04	1.886e+04	-4.490e+04
						144.0	1904.17	1339.98	-317.90	-8.106e+04	-1.193e+04	-1.056e+05
377	52	5.135e+04	1.150e+04	7.88e-03	-0.52	0.0	717.95	-4606.01	352.24	6.464e+04	-5.503e+04	5.135e+04
		-1.371e+05	-5.503e+04	-5.94e-04		72.0	717.95	-2104.09	352.24	6.006e+04	-2.176e+04	-1.184e+05
						144.0	717.95	397.01	352.24	5.586e+04	1.150e+04	-1.118e+05
377	53	1.473e+05	1.645e+05	-0.01	-0.64	0.0	550.04	-3947.89	-1209.02	-1.111e+05	1.645e+05	1.473e+05
		-1.092e+05	-5.124e+04	-1.22e-03		72.0	550.04	-1503.06	-1209.02	-1.118e+05	5.661e+04	-6.734e+04
						144.0	550.04	962.44	-1209.02	-1.175e+05	-5.124e+04	-1.000e+05
377	56	1.007e+05	5.080e+04	0.01	-0.62	0.0	2072.08	-4238.69	1243.36	8.412e+04	-1.698e+05	1.007e+05
		-1.299e+05	-1.698e+05	1.32e-03		72.0	2072.08	-1731.45	1243.36	8.580e+04	-5.952e+04	-9.598e+04
						144.0	2072.08	774.55	1243.36	9.233e+04	5.080e+04	-1.174e+05
377	66	1.219e+05	7.097e+04	0.01	-0.62	0.0	2557.47	-4085.76	793.86	1.190e+05	-1.413e+05	1.219e+05
		-1.261e+05	-1.413e+05	-6.69e-04		72.0	2557.47	-1583.17	793.86	1.035e+05	-3.518e+04	-8.555e+04
						144.0	2557.47	926.26	793.86	8.905e+04	7.097e+04	-1.175e+05

377	67	1.260e+05	1.360e+05	-0.01	-0.64	0.0	64.65	-4100.82	-759.51	-1.460e+05	1.360e+05	1.260e+05
		-1.130e+05	-7.140e+04	7.77e-04		72.0	64.65	-1651.34	-759.51	-1.295e+05	3.228e+04	-7.777e+04
						144.0	64.65	810.73	-759.51	-1.142e+05	-7.140e+04	-9.990e+04
377	69	1.187e+05	-538.76	-2.44e-03	-0.46	0.0	1271.50	-3921.19	12.49	-1.270e+04	-2337.94	1.187e+05
		-1.141e+05	-2337.94	5.29e-05		72.0	1271.50	-1544.59	12.49	-1.234e+04	-1438.35	-7.807e+04
						144.0	1271.50	841.31	12.49	-1.199e+04	-538.76	-1.035e+05
377	70	1.361e+05	535.74	-2.79e-03	-0.51	0.0	1403.36	-4494.86	28.08	-1.524e+04	-3508.12	1.361e+05
		-1.323e+05	-3508.12	5.64e-05		72.0	1403.36	-1786.79	28.08	-1.462e+04	-1486.19	-9.003e+04
						144.0	1403.36	931.92	28.08	-1.401e+04	535.74	-1.209e+05
377	71	1.187e+05	-538.76	-2.44e-03	-0.46	0.0	1271.50	-3921.19	12.49	-1.270e+04	-2337.94	1.187e+05
		-1.141e+05	-2337.94	5.29e-05		72.0	1271.50	-1544.59	12.49	-1.234e+04	-1438.35	-7.807e+04
						144.0	1271.50	841.31	12.49	-1.199e+04	-538.76	-1.035e+05
377	72	1.274e+05	-1.51	-2.61e-03	-0.48	0.0	1337.43	-4208.03	20.29	-1.397e+04	-2923.03	1.274e+05
		-1.232e+05	-2923.03	5.46e-05		72.0	1337.43	-1665.69	20.29	-1.348e+04	-1462.27	-8.405e+04
						144.0	1337.43	886.62	20.29	-1.300e+04	-1.51	-1.122e+05
377	73	1.187e+05	-538.76	-2.44e-03	-0.46	0.0	1271.50	-3921.19	12.49	-1.270e+04	-2337.94	1.187e+05
		-1.141e+05	-2337.94	5.29e-05		72.0	1271.50	-1544.59	12.49	-1.234e+04	-1438.35	-7.807e+04
						144.0	1271.50	841.31	12.49	-1.199e+04	-538.76	-1.035e+05
377	74	1.240e+05	-216.41	-2.54e-03	-0.47	0.0	1311.06	-4093.29	17.17	-1.346e+04	-2689.00	1.240e+05
		-1.195e+05	-2689.00	5.39e-05		72.0	1311.06	-1617.25	17.17	-1.302e+04	-1452.70	-8.166e+04
						144.0	1311.06	868.49	17.17	-1.260e+04	-216.41	-1.087e+05
378	2	1.546e+05	-1877.74	-0.02	-0.61	0.0	1925.46	-4734.25	39.15	-2623.28	-7515.68	1.546e+05
		-1.109e+05	-7515.68	6.64e-04		72.0	1925.46	-1699.26	39.15	-1695.08	-4696.71	-7.756e+04
						144.0	1925.46	1425.58	39.15	-769.14	-1877.74	-8.798e+04
378	3	1.022e+05	-283.66	-0.01	-0.42	0.0	1327.70	-3118.73	7.30	-6514.75	-1335.13	1.022e+05
		-7.148e+04	-1335.13	2.71e-04		72.0	1327.70	-1104.58	7.30	-6069.32	-809.39	-5.019e+04
						144.0	1327.70	968.86	7.30	-5632.01	-283.66	-5.545e+04
378	17	3.044e+05	6.878e+04	0.01	-0.53	0.0	2908.06	-2254.63	-1490.35	-3.366e+05	6.878e+04	3.044e+05
		-871.35	-1.371e+05	1.67e-03		72.0	2908.06	-169.59	-1490.35	-3.444e+05	-3.416e+04	7.417e+04
						144.0	2908.06	1968.06	-1490.35	-3.527e+05	-1.371e+05	-871.35
378	25	2.673e+05	2.785e+05	4.55e-03	-0.68	0.0	-779.67	-2776.62	-4493.64	-1.071e+06	2.785e+05	2.673e+05
		2.525e+04	-3.627e+05	-4.71e-03		72.0	-779.67	-626.95	-4493.64	-1.097e+06	-4.212e+04	7.273e+04
						144.0	-779.67	1550.78	-4493.64	-1.124e+06	-3.627e+05	2.887e+04
378	28	-5.424e+04	3.616e+05	-0.02	-0.67	0.0	3514.85	-3732.80	4520.10	1.061e+06	-2.835e+05	-5.424e+04
		-1.847e+05	-2.835e+05	5.38e-03		72.0	3514.85	-1687.54	4520.10	1.087e+06	3.904e+04	-1.780e+05
						144.0	3514.85	453.37	4520.10	1.116e+06	3.616e+05	-1.461e+05
378	34	9729.28	3.237e+05	0.03	-0.68	0.0	5857.84	-3246.25	4435.86	9.259e+05	-3.622e+05	9729.28
		-1.676e+05	-3.622e+05	6.57e-03		72.0	5857.84	-1238.60	4435.86	9.549e+05	-1.925e+04	-1.481e+05
						144.0	5857.84	872.76	4435.86	9.853e+05	3.237e+05	-1.473e+05
378	35	2.034e+05	3.572e+05	-2.69e-03	-0.69	0.0	-3122.66	-3263.17	-4409.39	-9.366e+05	3.572e+05	2.034e+05
		1.706e+04	-3.249e+05	-5.90e-03		72.0	-3122.66	-1075.90	-4409.39	-9.646e+05	1.617e+04	4.279e+04
						144.0	-3122.66	1131.38	-4409.39	-9.940e+05	-3.249e+05	3.009e+04
378	36	-8.322e+04	3.453e+05	-0.03	-0.68	0.0	4268.36	-3798.15	4533.18	9.544e+05	-3.421e+05	-8.322e+04
		-2.074e+05	-3.421e+05	4.80e-03		72.0	4268.36	-1768.83	4533.18	9.834e+05	1630.22	-2.021e+05
						144.0	4268.36	362.38	4533.18	1.014e+06	3.453e+05	-1.645e+05
378	49	2.187e+05	3.456e+04	0.01	-0.48	0.0	2295.51	-2681.28	-783.95	-1.819e+05	3.456e+04	2.187e+05
		-3.007e+04	-7.452e+04	1.18e-03		72.0	2295.51	-592.36	-783.95	-1.857e+05	-1.998e+04	1.885e+04
						144.0	2295.51	1553.88	-783.95	-1.897e+05	-7.452e+04	-2.659e+04
378	66	5.753e+04	1.708e+05	0.02	-0.56	0.0	3824.59	-3237.90	2347.12	4.867e+05	-1.962e+05	5.753e+04
		-1.234e+05	-1.962e+05	3.68e-03		72.0	3824.59	-1187.43	2347.12	5.022e+05	-1.273e+04	-1.020e+05
						144.0	3824.59	946.24	2347.12	5.185e+05	1.708e+05	-1.055e+05
378	67	1.555e+05	1.912e+05	-8.22e-03	-0.57	0.0	-1089.41	-3271.53	-2320.66	-4.974e+05	1.912e+05	1.555e+05
		-2.672e+04	-1.719e+05	-3.01e-03		72.0	-1089.41	-1127.06	-2320.66	-5.119e+05	9654.96	-3300.42
						144.0	-1089.41	1057.91	-2320.66	-5.271e+05	-1.719e+05	-1.180e+04
378	68	3883.14	1.832e+05	-0.02	-0.56	0.0	2908.07	-3556.33	2400.53	5.026e+05	-1.846e+05	3883.14
		-1.448e+05	-1.846e+05	2.66e-03		72.0	2908.07	-1493.39	2400.53	5.181e+05	-733.01	-1.332e+05
						144.0	2908.07	651.71	2400.53	5.342e+05	1.832e+05	-1.154e+05
378	69	1.022e+05	-283.66	-0.01	-0.42	0.0	1327.70	-3118.73	7.30	-6514.75	-1335.13	1.022e+05
		-7.148e+04	-1335.13	2.71e-04		72.0	1327.70	-1104.58	7.30	-6069.32	-809.39	-5.019e+04
						144.0	1327.70	968.86	7.30	-5632.01	-283.66	-5.545e+04
378	70	1.167e+05	-1289.65	-0.02	-0.46	0.0	1460.66	-3572.00	27.08	-2617.49	-5188.47	1.167e+05
		-8.346e+04	-5188.47	4.79e-04		72.0	1460.66	-1280.12	27.08	-1939.30	-3239.06	-5.839e+04
						144.0	1460.66	1079.57	27.08	-1263.70	-1289.65	-6.605e+04
378	71	1.022e+05	-283.66	-0.01	-0.42	0.0	1327.70	-3118.73	7.30	-6514.75	-1335.13	1.022e+05
		-7.148e+04	-1335.13	2.71e-04		72.0	1327.70	-1104.58	7.30	-6069.32	-809.39	-5.019e+04
						144.0	1327.70	968.86	7.30	-5632.01	-283.66	-5.545e+04
378	72	1.094e+05	-786.65	-0.01	-0.44	0.0	1394.18	-3345.37	17.19	-4566.12	-3261.80	1.094e+05
		-7.747e+04	-3261.80	3.75e-04		72.0	1394.18	-1192.35	17.19	-4004.31	-2024.23	-5.429e+04
						144.0	1394.18	1024.21	17.19	-3447.85	-786.65	-6.075e+04
378	73	1.022e+05	-283.66	-0.01	-0.42	0.0	1327.70	-3118.73	7.30	-6514.75	-1335.13	1.022e+05
		-7.148e+04	-1335.13	2.71e-04		72.0	1327.70	-1104.58	7.30	-6069.32	-809.39	-5.019e+04
						144.0	1327.70	968.86	7.30	-5632.01	-283.66	-5.545e+04
378	74	1.065e+05	-585.45	-0.01	-0.43	0.0	1367.59	-3254.71	13.23	-5345.57	-2491.13	1.065e+05
		-7.507e+04	-2491.13	3.33e-04		72.0	1367.59	-1157.25	13.23	-4830.31	-1538.29	-5.265e+04
						144.0	1367.59	1002.07	13.23	-4321.52	-585.45	-5.863e+04
379	2	3.361e+05	2.712e+04	0.04	-0.61	0.0	3455.46	-3838.23	101.79	-4.385e+04	1.184e+04	3.361e+05
		1.582e+05	1.184e+04	-1.01e-03		75.1	3455.46	-716.83	101.79	-4.407e+04	1.948e+04	1.641e+05

379	3	2.261e+05	9404.43	0.02	-0.42	150.1	3455.46	2564.31	101.79	-4.434e+04	2.712e+04	2.325e+05
		1.044e+05	5306.63	-3.01e-04		0.0	2350.77	-2583.51	27.30	-1.371e+04	5306.63	2.261e+05
						75.1	2350.77	-516.48	27.30	-1.374e+04	7355.53	1.091e+05
						150.1	2350.77	1656.37	27.30	-1.379e+04	9404.43	1.512e+05
379	9	4.529e+05	-1.890e+05	-0.09	-0.54	0.0	6414.53	-1228.74	-480.23	-6.531e+05	-1.890e+05	4.529e+05
		1.728e+05	-2.740e+05	-0.06		75.1	6414.53	822.90	-480.23	-6.610e+05	-2.315e+05	2.274e+05
						150.1	6414.53	3013.73	-480.23	-6.699e+05	-2.740e+05	1.903e+05
						0.0	-1553.20	-4130.14	561.35	6.153e+05	2.016e+05	1.622e+04
379	12	1.265e+05	2.988e+05	0.09	-0.45	75.1	-1553.20	-1874.02	561.35	6.230e+05	2.502e+05	-379.25
		-1.216e+04	2.016e+05	0.06		150.1	-1553.20	463.42	561.35	6.317e+05	2.988e+05	1.265e+05
						0.0	5911.37	-1178.02	-4796.46	-1.802e+06	1.312e+05	4.895e+05
						75.1	5911.37	1277.20	-4796.46	-1.824e+06	-2.324e+05	2.441e+05
379	29	4.895e+05	1.312e+05	-0.11	-0.69	150.1	5911.37	3772.64	-4796.46	-1.850e+06	-5.961e+05	1.865e+05
		1.556e+05	-5.961e+05	-0.02		0.0	-1050.04	-4180.87	4877.57	1.764e+06	-1.186e+05	-2.037e+04
						75.1	-1050.04	-2328.33	4877.57	1.786e+06	2.511e+05	-1.704e+04
						150.1	-1050.04	-295.50	4877.57	1.811e+06	6.209e+05	1.303e+05
379	41	3.578e+05	-1.099e+05	-0.06	-0.49	0.0	4693.57	-1857.74	-178.86	-3.557e+05	-1.099e+05	3.578e+05
		1.516e+05	-1.441e+05	-0.03		75.1	4693.57	231.91	-178.86	-3.598e+05	-1.270e+05	1.779e+05
						150.1	4693.57	2449.47	-178.86	-3.646e+05	-1.441e+05	1.765e+05
						0.0	167.76	-3501.14	259.97	3.178e+05	1.225e+05	1.113e+05
379	44	1.404e+05	1.688e+05	0.06	-0.44	75.1	167.76	-1283.04	259.97	3.219e+05	1.457e+05	4.916e+04
		4.830e+04	1.225e+05	0.03		150.1	167.76	1027.67	259.97	3.264e+05	1.688e+05	1.404e+05
						0.0	4343.16	-1863.68	-2493.99	-9.595e+05	6.865e+04	3.726e+05
						75.1	4343.16	447.74	-2493.99	-9.714e+05	-1.207e+05	1.843e+05
379	64	1.431e+05	3.348e+05	0.07	-0.52	150.1	4343.16	2832.83	-2493.99	-9.848e+05	-3.100e+05	1.737e+05
		3.991e+04	-5.607e+04	0.01		0.0	518.17	-3495.21	2575.11	9.216e+05	-5.607e+04	9.649e+04
						75.1	518.17	-1498.86	2575.11	9.335e+05	1.394e+05	4.278e+04
						150.1	518.17	644.32	2575.11	9.467e+05	3.348e+05	1.431e+05
379	69	2.261e+05	9404.43	0.02	-0.42	0.0	2350.77	-2583.51	27.30	-1.371e+04	5306.63	2.261e+05
		1.044e+05	5306.63	-3.01e-04		75.1	2350.77	-516.48	27.30	-1.374e+04	7355.53	1.091e+05
						150.1	2350.77	1656.37	27.30	-1.379e+04	9404.43	1.512e+05
						0.0	2617.08	-2903.29	71.50	-3.106e+04	8599.48	2.542e+05
379	70	2.542e+05	1.933e+04	0.03	-0.46	75.1	2617.08	-546.75	71.50	-3.121e+04	1.397e+04	1.239e+05
		1.194e+05	8599.48	-7.10e-04		150.1	2617.08	1930.39	71.50	-3.140e+04	1.933e+04	1.752e+05
						0.0	2350.77	-2583.51	27.30	-1.371e+04	5306.63	2.261e+05
						75.1	2350.77	-516.48	27.30	-1.374e+04	7355.53	1.091e+05
379	71	2.261e+05	9404.43	0.02	-0.42	150.1	2350.77	1656.37	27.30	-1.379e+04	9404.43	1.512e+05
		1.044e+05	5306.63	-3.01e-04		0.0	2483.93	-2743.40	49.40	-2.239e+04	6953.05	2.402e+05
						75.1	2483.93	-531.62	49.40	-2.247e+04	1.066e+04	1.165e+05
						150.1	2483.93	1793.38	49.40	-2.259e+04	1.437e+04	1.632e+05
379	73	2.261e+05	9404.43	0.02	-0.42	0.0	2350.77	-2583.51	27.30	-1.371e+04	5306.63	2.261e+05
		1.044e+05	5306.63	-3.01e-04		75.1	2350.77	-516.48	27.30	-1.374e+04	7355.53	1.091e+05
						150.1	2350.77	1656.37	27.30	-1.379e+04	9404.43	1.512e+05
						0.0	2430.67	-2679.44	40.56	-1.891e+04	6294.48	2.346e+05
379	74	2.346e+05	1.238e+04	0.02	-0.43	75.1	2430.67	-525.56	40.56	-1.898e+04	9338.70	1.135e+05
		1.089e+05	6294.48	-4.24e-04		150.1	2430.67	1738.57	40.56	-1.907e+04	1.238e+04	1.584e+05
						0.0	3236.54	-3576.94	90.81	-1.458e+04	6507.72	2.334e+05
						72.0	3236.54	17.29	90.81	-1.501e+04	1.305e+04	1.051e+05
380	2	2.363e+05	1.958e+04	4.05e-03	-0.67	144.0	3236.54	3629.03	90.81	-1.546e+04	1.958e+04	2.363e+05
		1.051e+05	6507.72	-2.73e-04		0.0	2172.10	-2378.72	28.74	-3088.66	1722.54	1.540e+05
						72.0	2172.10	2.52	28.74	-3174.17	3792.05	6.840e+04
						144.0	2172.10	2395.21	28.74	-3263.92	5861.56	1.547e+05
380	9	3.919e+05	2.525e+05	-0.01	-0.58	0.0	4022.98	-905.45	-1490.94	-4.069e+05	2.525e+05	3.919e+05
		1.600e+05	2.400e+04	2.67e-03		72.0	4022.98	1516.08	-1490.94	-4.164e+05	1.383e+05	1.920e+05
						144.0	4022.98	3973.81	-1490.94	-4.265e+05	2.400e+04	1.777e+05
						0.0	486.34	-4045.84	1569.80	3.965e+05	-2.474e+05	-7.053e+04
380	12	1.458e+05	-7489.49	8.01e-03	-0.55	72.0	486.34	-1505.44	1569.80	4.057e+05	-1.274e+05	-4.877e+04
		-8.279e+04	-2.474e+05	-2.89e-03		144.0	486.34	1022.72	1569.80	4.154e+05	-7489.49	1.458e+05
						0.0	4267.38	-1569.09	-4265.24	-1.058e+06	5.403e+05	2.829e+05
						72.0	4267.38	855.44	-4265.24	-1.092e+06	1.916e+05	1.306e+05
380	29	2.829e+05	5.403e+05	-7.72e-03	-0.79	144.0	4267.38	3292.29	-4265.24	-1.127e+06	-1.570e+05	1.708e+05
		1.207e+05	-1.570e+05	-3.40e-03		0.0	241.94	-3382.20	4344.10	1.047e+06	-5.351e+05	3.849e+04
						72.0	241.94	-844.79	4344.10	1.081e+06	-1.808e+05	1.269e+04
						144.0	241.94	1704.24	4344.10	1.116e+06	1.735e+05	1.526e+05
380	41	2.933e+05	1.387e+05	-8.96e-03	-0.53	0.0	3257.82	-1576.23	-780.63	-2.210e+05	1.387e+05	2.933e+05
		1.303e+05	1.683e+04	1.58e-03		72.0	3257.82	871.02	-780.63	-2.260e+05	7.775e+04	1.407e+05
						144.0	3257.82	3344.29	-780.63	-2.313e+05	1.683e+04	1.708e+05
						0.0	1251.50	-3375.06	859.49	2.106e+05	-1.335e+05	2.810e+04
380	44	1.526e+05	-318.70	5.27e-03	-0.51	72.0	1251.50	-860.37	859.49	2.153e+05	-6.692e+04	2537.10
		-8536.79	-1.335e+05	-1.80e-03		144.0	1251.50	1652.24	859.49	2.203e+05	-318.70	1.526e+05
						0.0	3365.32	-1972.01	-2237.14	-5.622e+05	2.912e+05	2.289e+05
						72.0	3365.32	478.23	-2237.14	-5.801e+05	1.043e+05	1.047e+05
380	64	1.567e+05	9.919e+04	2.61e-03	-0.63	144.0	3365.32	2941.00	-2237.14	-5.988e+05	-8.269e+04	1.668e+05
		3.552e+04	-2.860e+05	1.61e-03		0.0	1144.00	-2979.27	2316.00	5.518e+05	-2.860e+05	9.248e+04
						72.0	1144.00	-467.58	2316.00	5.694e+05	-9.343e+04	3.860e+04
						144.0	1144.00	2055.53	2316.00	5.878e+05	9.919e+04	1.567e+05
380	69	1.547e+05	5861.56	2.65e-03	-0.46	0.0	2172.10	-2378.72	28.74	-3088.66	1722.54	1.540e+05

		6.840e+04	1722.54	-7.05e-05		72.0	2172.10	2.52	28.74	-3174.17	3792.05	6.840e+04
						144.0	2172.10	2395.21	28.74	-3263.92	5861.56	1.547e+05
380	70	1.782e+05	1.384e+04	3.05e-03	-0.51	0.0	2447.31	-2701.79	64.37	-1.013e+04	4568.15	1.761e+05
		7.918e+04	4568.15	-1.91e-04		72.0	2447.31	11.86	64.37	-1.043e+04	9202.80	7.918e+04
						144.0	2447.31	2738.72	64.37	-1.074e+04	1.384e+04	1.782e+05
380	71	1.547e+05	5861.56	2.65e-03	-0.46	0.0	2172.10	-2378.72	28.74	-3088.66	1722.54	1.540e+05
		6.840e+04	1722.54	-7.05e-05		72.0	2172.10	2.52	28.74	-3174.17	3792.05	6.840e+04
						144.0	2172.10	2395.21	28.74	-3263.92	5861.56	1.547e+05
380	72	1.664e+05	9849.50	2.85e-03	-0.48	0.0	2309.70	-2540.26	46.56	-6611.67	3145.35	1.651e+05
		7.379e+04	3145.35	-1.31e-04		72.0	2309.70	7.19	46.56	-6802.17	6497.42	7.379e+04
						144.0	2309.70	2566.97	46.56	-7001.76	9849.50	1.664e+05
380	73	1.547e+05	5861.56	2.65e-03	-0.46	0.0	2172.10	-2378.72	28.74	-3088.66	1722.54	1.540e+05
		6.840e+04	1722.54	-7.05e-05		72.0	2172.10	2.52	28.74	-3174.17	3792.05	6.840e+04
						144.0	2172.10	2395.21	28.74	-3263.92	5861.56	1.547e+05
380	74	1.617e+05	8254.32	2.77e-03	-0.47	0.0	2254.66	-2475.64	39.43	-5202.46	2576.23	1.607e+05
		7.164e+04	2576.23	-1.07e-04		72.0	2254.66	5.32	39.43	-5350.97	5415.28	7.164e+04
						144.0	2254.66	2498.26	39.43	-5506.63	8254.32	1.617e+05
381	2	2.490e+05	2.102e+04	4.41e-03	-0.67	0.0	2364.07	-2841.80	131.96	117.59	2019.79	1.408e+05
		5.987e+04	2019.79	-1.65e-05		72.0	2364.07	748.00	131.96	-336.80	1.152e+04	6.524e+04
						144.0	2364.07	4357.44	131.96	-791.65	2.102e+04	2.490e+05
381	3	1.631e+05	6582.85	2.87e-03	-0.46	0.0	1591.36	-1891.18	44.97	342.67	107.49	9.263e+04
		3.859e+04	107.49	-2.07e-05		72.0	1591.36	487.17	44.97	253.50	3345.17	4.199e+04
						144.0	1591.36	2878.31	44.97	164.66	6582.85	1.631e+05
381	5	3.538e+05	1.887e+05	-0.01	-0.58	0.0	1306.25	-212.03	-1106.23	-2.069e+05	1.887e+05	3.538e+05
		1.568e+05	1.212e+05	-2.56e-03		72.0	1306.25	2212.51	-1106.23	-2.148e+05	1.550e+05	1.769e+05
						144.0	1306.25	4677.97	-1106.23	-2.243e+05	1.212e+05	1.825e+05
381	8	1.584e+05	-1.030e+05	0.01	-0.55	0.0	1994.60	-3723.64	1225.56	2.075e+05	-1.878e+05	1.604e+05
		-1.610e+05	-1.878e+05	2.53e-03		72.0	1994.60	-1192.31	1225.56	2.150e+05	-1.454e+05	-8.868e+04
						144.0	1994.60	1324.90	1225.56	2.242e+05	-1.030e+05	1.584e+05
381	21	1.971e+05	4.854e+05	-4.19e-03	-0.79	0.0	2785.30	-1221.10	-2137.18	-1.723e+05	4.854e+05	1.971e+05
		9.349e+04	2.301e+05	1.34e-03		72.0	2785.30	1187.04	-2137.18	-1.964e+05	3.577e+05	9.353e+04
						144.0	2785.30	3624.47	-2137.18	-2.250e+05	2.301e+05	1.753e+05
381	22	1.726e+05	-1.817e+05	-6.76e-03	-0.76	0.0	64.14	-1704.61	1922.34	7.041e+04	-4.562e+05	1.460e+05
		7.211e+04	-4.562e+05	-3.30e-03		72.0	64.14	821.73	1922.34	9.378e+04	-3.190e+05	7.250e+04
						144.0	64.14	3360.57	1922.34	1.216e+05	-1.817e+05	1.726e+05
381	23	1.683e+05	4.572e+05	4.24e-03	-0.78	0.0	3236.71	-2231.06	-1803.01	-6.985e+04	4.572e+05	1.745e+04
		6306.48	1.999e+05	3.28e-03		72.0	3236.71	198.47	-1803.01	-9.354e+04	3.285e+05	1.574e+04
						144.0	3236.71	2642.30	-1803.01	-1.217e+05	1.999e+05	1.683e+05
381	24	1.657e+05	-2.119e+05	6.71e-03	-0.76	0.0	515.55	-2714.58	2256.52	1.729e+05	-4.844e+05	-3726.19
		-2.618e+04	-4.844e+05	-1.36e-03		72.0	515.55	-166.84	2256.52	1.966e+05	-3.482e+05	-5287.41
						144.0	515.55	2378.40	2256.52	2.250e+05	-2.119e+05	1.657e+05
381	37	2.443e+05	1.023e+05	-7.52e-03	-0.53	0.0	1442.68	-960.82	-581.14	-1.149e+05	1.023e+05	2.443e+05
		1.176e+05	7.280e+04	-1.51e-03		72.0	1442.68	1487.28	-581.14	-1.190e+05	8.757e+04	1.204e+05
						144.0	1442.68	3964.59	-581.14	-1.240e+05	7.280e+04	1.774e+05
381	40	1.636e+05	-5.465e+04	7.93e-03	-0.51	0.0	1858.16	-2974.85	700.48	1.155e+05	-1.014e+05	-5.093e+04
		-6.454e+04	-1.014e+05	1.49e-03		72.0	1858.16	-467.07	700.48	1.192e+05	-7.801e+04	-3.217e+04
						144.0	1858.16	2038.28	700.48	1.239e+05	-5.465e+04	1.636e+05
381	53	1.732e+05	2.617e+05	-3.73e-03	-0.64	0.0	2271.25	-1548.54	-1111.11	-9.525e+04	2.617e+05	1.534e+05
		7.215e+04	1.325e+05	6.72e-04		72.0	2271.25	891.99	-1111.11	-1.075e+05	1.971e+05	7.215e+04
						144.0	2271.25	3354.91	-1111.11	-1.223e+05	1.325e+05	1.732e+05
381	54	1.718e+05	-9.678e+04	-5.11e-03	-0.62	0.0	769.82	-1806.10	1039.51	3.875e+04	-2.453e+05	1.261e+05
		5.934e+04	-2.453e+05	-1.82e-03		72.0	769.82	696.97	1039.51	5.054e+04	-1.710e+05	6.086e+04
						144.0	769.82	3213.09	1039.51	6.475e+04	-9.678e+04	1.718e+05
381	55	1.692e+05	2.462e+05	3.76e-03	-0.63	0.0	2531.02	-2129.57	-920.17	-3.820e+04	2.462e+05	6.731e+04
		2.046e+04	1.149e+05	1.80e-03		72.0	2531.02	323.24	-920.17	-5.030e+04	1.806e+05	2.739e+04
						144.0	2531.02	2789.78	-920.17	-6.483e+04	1.149e+05	1.692e+05
381	56	1.677e+05	-1.144e+05	5.08e-03	-0.63	0.0	1029.60	-2387.13	1230.44	9.580e+04	-2.608e+05	3.997e+04
		4450.77	-2.608e+05	-6.97e-04		72.0	1029.60	128.21	1230.44	1.078e+05	-1.876e+05	1.610e+04
						144.0	1029.60	2647.96	1230.44	1.223e+05	-1.144e+05	1.677e+05
381	69	1.631e+05	6582.85	2.87e-03	-0.46	0.0	1591.36	-1891.18	44.97	342.67	107.49	9.263e+04
		3.859e+04	107.49	-2.07e-05		72.0	1591.36	487.17	44.97	253.50	3345.17	4.199e+04
						144.0	1591.36	2878.31	44.97	164.66	6582.85	1.631e+05
381	70	1.877e+05	1.489e+04	3.32e-03	-0.51	0.0	1788.23	-2146.69	93.97	124.08	1360.86	1.062e+05
		4.506e+04	1360.86	-1.32e-05		72.0	1788.23	563.62	93.97	-190.74	8126.85	4.909e+04
						144.0	1788.23	3288.74	93.97	-505.81	1.489e+04	1.877e+05
381	71	1.631e+05	6582.85	2.87e-03	-0.46	0.0	1591.36	-1891.18	44.97	342.67	107.49	9.263e+04
		3.859e+04	107.49	-2.07e-05		72.0	1591.36	487.17	44.97	253.50	3345.17	4.199e+04
						144.0	1591.36	2878.31	44.97	164.66	6582.85	1.631e+05
381	72	1.754e+05	1.074e+04	3.10e-03	-0.48	0.0	1689.80	-2018.94	69.47	233.38	734.17	9.941e+04
		4.183e+04	734.17	-1.57e-05		72.0	1689.80	525.39	69.47	31.38	5736.01	4.554e+04
						144.0	1689.80	3083.52	69.47	-170.58	1.074e+04	1.754e+05
381	73	1.631e+05	6582.85	2.87e-03	-0.46	0.0	1591.36	-1891.18	44.97	342.67	107.49	9.263e+04
		3.859e+04	107.49	-2.07e-05		72.0	1591.36	487.17	44.97	253.50	3345.17	4.199e+04
						144.0	1591.36	2878.31	44.97	164.66	6582.85	1.631e+05
381	74	1.705e+05	9075.85	3.01e-03	-0.47	0.0	1650.42	-1967.84	59.67	277.10	483.50	9.670e+04
		4.053e+04	483.50	-1.72e-05		72.0	1650.42	510.10	59.67	120.23	4779.67	4.412e+04
						144.0	1650.42	3001.44	59.67	-36.48	9075.85	1.705e+05

382	2	3.834e+05	2.947e+04	0.02	-0.64	0.0	4401.39	-4489.69	134.73	1.864e+04	1.007e+04	3.834e+05
		1.687e+05	1.007e+04	6.51e-04		72.0	4401.39	-1116.63	134.73	1.834e+04	1.977e+04	1.820e+05
						144.0	4401.39	2161.27	134.73	1.807e+04	2.947e+04	2.203e+05
382	3	2.532e+05	1.021e+04	0.01	-0.44	0.0	2939.70	-2983.78	47.28	6216.05	3405.49	2.532e+05
		1.100e+05	3405.49	1.93e-04		72.0	2939.70	-749.17	47.28	6178.75	6809.45	1.191e+05
						144.0	2939.70	1422.26	47.28	6149.72	1.021e+04	1.438e+05
382	5	5.749e+05	2.778e+04	-0.02	-0.55	0.0	1068.34	-1010.77	1287.11	-3.986e+05	-1.072e+05	5.749e+05
		1.582e+05	-1.072e+05	-3.29e-03		72.0	1068.34	1388.54	1287.11	-3.920e+05	-3.969e+04	2.824e+05
						144.0	1068.34	3793.69	1287.11	-3.860e+05	2.778e+04	1.582e+05
382	6	5.036e+05	-5.972e+04	3.43e-03	-0.51	0.0	-238.07	-1486.15	382.56	2.740e+05	-5.972e+04	5.036e+05
		1.490e+05	-1.028e+05	-6.43e-03		72.0	-238.07	837.53	382.56	2.647e+05	-8.128e+04	2.478e+05
						144.0	-238.07	3125.03	382.56	2.558e+05	-1.028e+05	1.490e+05
382	7	1.518e+05	1.297e+05	-0.03	-0.53	0.0	6349.39	-4725.72	-258.70	-2.574e+05	6.879e+04	2.445e+04
		-9633.03	6.879e+04	6.98e-03		72.0	6349.39	-2392.95	-258.70	-2.482e+05	9.927e+04	1279.18
						144.0	6349.39	-155.57	-258.70	-2.395e+05	1.297e+05	1.518e+05
382	8	1.427e+05	1.162e+05	0.05	-0.49	0.0	5042.98	-5201.10	-1163.25	4.152e+05	1.162e+05	-4.689e+04
		-6.207e+04	-881.56	3.83e-03		72.0	5042.98	-2943.96	-1163.25	4.085e+05	5.767e+04	-3.336e+04
						144.0	5042.98	-824.23	-1163.25	4.023e+05	-881.56	1.427e+05
382	22	2.277e+05	5.720e+04	0.05	-0.67	0.0	86.14	-3341.00	-1213.78	1.108e+06	5.720e+04	2.277e+05
		1.065e+05	-2.196e+05	-6.51e-03		72.0	86.14	-1128.83	-1213.78	1.081e+06	-8.118e+04	1.090e+05
						144.0	86.14	962.68	-1213.78	1.056e+06	-2.196e+05	1.361e+05
382	23	3.004e+05	2.465e+05	-0.06	-0.70	0.0	6025.18	-2870.88	1337.64	-1.091e+06	-4.813e+04	3.004e+05
		1.187e+05	-4.813e+04	7.06e-03		72.0	6025.18	-426.59	1337.64	-1.065e+06	9.917e+04	1.401e+05
						144.0	6025.18	2006.77	1337.64	-1.039e+06	2.465e+05	1.648e+05
382	37	4.410e+05	1.927e+04	-0.02	-0.50	0.0	1892.78	-1913.45	731.79	-2.090e+05	-5.713e+04	4.410e+05
		1.506e+05	-5.713e+04	-1.95e-03		72.0	1892.78	453.91	731.79	-2.056e+05	-1.893e+04	2.145e+05
						144.0	1892.78	2795.67	731.79	-2.025e+05	9.917e+04	1.548e+05
382	38	4.030e+05	-3.006e+04	7.24e-03	-0.48	0.0	1181.96	-2166.20	253.48	1.465e+05	-3.006e+04	4.030e+05
		1.487e+05	-5.118e+04	-3.52e-03		72.0	1181.96	160.69	253.48	1.416e+05	-4.062e+04	1.961e+05
						144.0	1181.96	2439.52	253.48	1.368e+05	-5.118e+04	1.498e+05
382	39	1.511e+05	7.808e+04	-0.03	-0.49	0.0	4929.36	-4045.67	-129.62	-1.299e+05	3.913e+04	1.250e+05
		5.288e+04	3.913e+04	4.06e-03		72.0	4929.36	-1716.11	-129.62	-1.251e+05	5.860e+04	5.303e+04
						144.0	4929.36	529.93	-129.62	-1.204e+05	7.808e+04	1.511e+05
382	40	1.461e+05	6.619e+04	0.04	-0.47	0.0	4218.54	-4298.42	-607.93	2.256e+05	6.619e+04	8.705e+04
		3.176e+04	7628.94	2.50e-03		72.0	4218.54	-2009.33	-607.93	2.221e+05	3.691e+04	3.462e+04
						144.0	4218.54	173.79	-607.93	2.189e+05	7628.94	1.461e+05
382	54	2.482e+05	3.520e+04	0.03	-0.57	0.0	1415.48	-3207.36	-606.04	5.889e+05	3.520e+04	2.482e+05
		1.123e+05	-1.128e+05	-3.24e-03		72.0	1415.48	-940.92	-606.04	5.747e+05	-3.879e+04	1.181e+05
						144.0	1415.48	1231.01	-606.04	5.613e+05	-1.128e+05	1.428e+05
382	55	2.798e+05	1.397e+05	-0.04	-0.58	0.0	4695.85	-3004.51	729.90	-5.723e+05	-2.614e+04	2.798e+05
		1.168e+05	-2.614e+04	3.78e-03		72.0	4695.85	-614.50	729.90	-5.583e+05	5.678e+04	1.310e+05
						144.0	4695.85	1738.44	729.90	-5.450e+05	1.397e+05	1.581e+05
382	69	2.532e+05	1.021e+04	0.01	-0.44	0.0	2939.70	-2983.78	47.28	6216.05	3405.49	2.532e+05
		1.100e+05	3405.49	1.93e-04		72.0	2939.70	-749.17	47.28	6178.75	6809.45	1.191e+05
						144.0	2939.70	1422.26	47.28	6149.72	1.021e+04	1.438e+05
382	70	2.893e+05	2.101e+04	0.02	-0.48	0.0	3326.22	-3390.96	96.12	1.325e+04	7165.11	2.893e+05
		1.271e+05	7165.11	4.60e-04		72.0	3326.22	-844.31	96.12	1.305e+04	1.409e+04	1.372e+05
						144.0	3326.22	1630.48	96.12	1.287e+04	2.101e+04	1.660e+05
382	71	2.532e+05	1.021e+04	0.01	-0.44	0.0	2939.70	-2983.78	47.28	6216.05	3405.49	2.532e+05
		1.100e+05	3405.49	1.93e-04		72.0	2939.70	-749.17	47.28	6178.75	6809.45	1.191e+05
						144.0	2939.70	1422.26	47.28	6149.72	1.021e+04	1.438e+05
382	72	2.712e+05	1.561e+04	0.02	-0.46	0.0	3132.96	-3187.37	71.70	9735.40	5285.30	2.712e+05
		1.186e+05	5285.30	3.26e-04		72.0	3132.96	-796.74	71.70	9615.15	1.045e+04	1.282e+05
						144.0	3132.96	1526.37	71.70	9507.76	1.561e+04	1.549e+05
382	73	2.532e+05	1.021e+04	0.01	-0.44	0.0	2939.70	-2983.78	47.28	6216.05	3405.49	2.532e+05
		1.100e+05	3405.49	1.93e-04		72.0	2939.70	-749.17	47.28	6178.75	6809.45	1.191e+05
						144.0	2939.70	1422.26	47.28	6149.72	1.021e+04	1.438e+05
382	74	2.640e+05	1.345e+04	0.02	-0.45	0.0	3055.66	-3105.94	61.93	8327.66	4533.38	2.640e+05
		1.151e+05	4533.38	2.73e-04		72.0	3055.66	-777.71	61.93	8240.59	8992.43	1.245e+05
						144.0	3055.66	1484.73	61.93	8164.54	1.345e+04	1.504e+05
383	2	-5.936e+04	-1.167e+04	4.14e-03	-0.49	0.0	-5921.09	145.42	-32.88	4.931e+04	-1.167e+04	-4.451e+05
		-4.451e+05	-1.661e+04	1.05e-03		75.1	-5921.09	2566.09	-32.88	4.950e+04	-1.414e+04	-3.433e+05
						150.1	-5921.09	5005.79	-32.88	4.977e+04	-1.661e+04	-5.936e+04
383	3	-4.523e+04	-82.55	2.25e-03	-0.34	0.0	-3880.13	26.82	-12.63	1.762e+04	-82.55	-2.891e+05
		-2.891e+05	-1979.22	4.60e-04		75.1	-3880.13	1622.63	-12.63	1.776e+04	-1030.89	-2.271e+05
						150.1	-3880.13	3227.10	-12.63	1.792e+04	-1979.22	-4.523e+04
383	5	4.437e+05	1.033e+06	-0.12	-0.53	0.0	-1.236e+04	1892.20	1272.70	-5.887e+05	5.915e+05	1.209e+04
		1.209e+04	5.915e+05	7.02e-03		75.1	-1.236e+04	3769.77	1272.70	-5.851e+05	8.120e+05	1.393e+05
						150.1	-1.236e+04	5848.36	1272.70	-5.824e+05	1.033e+06	4.437e+05
383	8	-5.344e+05	-5.963e+05	0.12	-0.26	0.0	4247.81	-1794.35	-1304.55	6.345e+05	-5.963e+05	-6.179e+05
		-6.265e+05	-1.042e+06	-5.92e-03		75.1	4247.81	-341.84	-1304.55	6.312e+05	-8.192e+05	-6.127e+05
						150.1	4247.81	930.07	-1304.55	6.288e+05	-1.042e+06	-5.344e+05
383	9	4.332e+05	1.003e+06	-0.11	-0.52	0.0	-1.274e+04	1861.84	1098.77	-5.538e+05	6.017e+05	7123.85
		7123.85	6.017e+05	8.21e-03		75.1	-1.274e+04	3670.16	1098.77	-5.506e+05	8.022e+05	1.390e+05
						150.1	-1.274e+04	5666.56	1098.77	-5.482e+05	1.003e+06	4.332e+05
383	12	-5.239e+05	-6.065e+05	0.10	-0.27	0.0	4629.67	-1763.98	-1130.62	5.996e+05	-6.065e+05	-6.130e+05
		-6.227e+05	-1.012e+06	-7.11e-03		75.1	4629.67	-242.22	-1130.62	5.967e+05	-8.094e+05	-6.124e+05

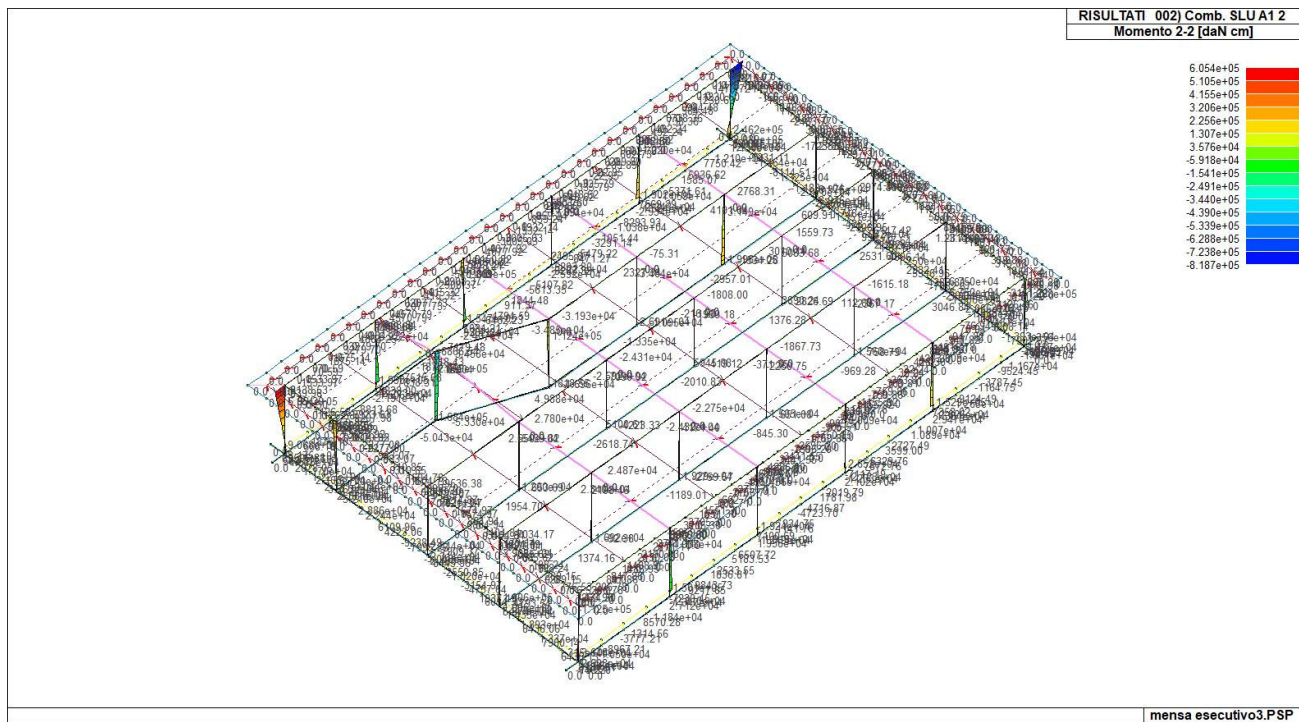
383	37	2.340e+05	5.868e+05	-0.07	-0.45	150.1	4629.67	1111.87	-1130.62	5.946e+05	-1.012e+06	-5.239e+05
		-1.228e+05	3.462e+05	4.52e-03		0.0	-8836.25	1103.57	624.89	-3.014e+05	3.462e+05	-1.228e+05
						75.1	-8836.25	2879.90	624.89	-2.995e+05	4.665e+05	-2.079e+04
383	40	-3.247e+05	-3.510e+05	0.06	-0.30	150.1	-8836.25	4768.72	624.89	-2.980e+05	5.868e+05	2.340e+05
		-4.859e+05	-5.964e+05	-3.42e-03		0.0	725.23	-1005.71	-656.74	3.472e+05	-3.510e+05	-4.831e+05
						75.1	725.23	548.03	-656.74	3.456e+05	-4.737e+05	-4.526e+05
383	41	2.284e+05	5.705e+05	-0.06	-0.44	150.1	725.23	2009.71	-656.74	3.444e+05	-5.964e+05	-3.247e+05
		-1.253e+05	3.523e+05	5.22e-03		0.0	-9050.12	1087.88	533.66	-2.832e+05	3.523e+05	-1.253e+05
						75.1	-9050.12	2827.29	533.66	-2.814e+05	4.614e+05	-2.104e+04
383	44	-3.191e+05	-3.571e+05	0.05	-0.30	150.1	-9050.12	4672.27	533.66	-2.800e+05	5.705e+05	2.284e+05
		-4.837e+05	-5.801e+05	-4.12e-03		0.0	939.09	-990.02	-565.51	3.290e+05	-3.571e+05	-4.805e+05
						75.1	939.09	600.64	-565.51	3.275e+05	-4.686e+05	-4.524e+05
383	69	-4.523e+04	-82.55	2.25e-03	-0.34	150.1	939.09	2106.16	-565.51	3.265e+05	-5.801e+05	-3.191e+05
		-2.891e+05	-1979.22	4.60e-04		0.0	-3880.13	26.82	-12.63	1.762e+04	-82.55	-2.891e+05
						75.1	-3880.13	1622.63	-12.63	1.776e+04	-1030.89	-2.271e+05
383	70	-4.560e+04	-7793.72	3.05e-03	-0.37	150.1	-3880.13	3227.10	-12.63	1.792e+04	-1979.22	-4.523e+04
		-3.353e+05	-1.134e+04	7.59e-04		0.0	-4464.74	100.52	-23.60	3.522e+04	-7793.72	-3.353e+05
						75.1	-4464.74	1927.08	-23.60	3.537e+04	-9565.25	-2.591e+05
383	71	-4.523e+04	-82.55	2.25e-03	-0.34	150.1	-4464.74	3767.48	-23.60	3.557e+04	-1.134e+04	-4.560e+04
		-2.891e+05	-1979.22	4.60e-04		0.0	-3880.13	26.82	-12.63	1.762e+04	-82.55	-2.891e+05
						75.1	-3880.13	1622.63	-12.63	1.776e+04	-1030.89	-2.271e+05
383	72	-4.542e+04	-3938.13	2.63e-03	-0.36	150.1	-3880.13	3227.10	-12.63	1.792e+04	-1979.22	-4.523e+04
		-3.122e+05	-6658.00	6.09e-04		0.0	-4172.44	63.67	-18.12	2.642e+04	-3938.13	-3.122e+05
						75.1	-4172.44	1774.86	-18.12	2.656e+04	-5298.07	-2.431e+05
383	73	-4.523e+04	-82.55	2.25e-03	-0.34	150.1	-4172.44	3497.29	-18.12	2.674e+04	-6658.00	-4.542e+04
		-2.891e+05	-1979.22	4.60e-04		0.0	-3880.13	26.82	-12.63	1.762e+04	-82.55	-2.891e+05
						75.1	-3880.13	1622.63	-12.63	1.776e+04	-1030.89	-2.271e+05
383	74	-4.534e+04	-2395.90	2.48e-03	-0.35	150.1	-3880.13	3227.10	-12.63	1.792e+04	-1979.22	-4.523e+04
		-3.029e+05	-4786.49	5.50e-04		0.0	-4055.51	48.93	-15.92	2.290e+04	-2395.90	-3.029e+05
						75.1	-4055.51	1713.97	-15.92	2.304e+04	-3591.20	-2.367e+05
384	2	6.852e+05	-1.806e+04	-0.02	-0.55	150.1	-4055.51	3389.21	-15.92	2.322e+04	-4786.49	-4.534e+04
		-1.090e+04	-2.086e+04	1.66e-04		0.0	4443.06	3078.64	21.82	6.497e+04	-2.086e+04	-1.090e+04
						64.3	4443.06	5402.08	21.82	6.604e+04	-1.946e+04	2.612e+05
384	3	4.571e+05	-1.370e+04	-0.01	-0.38	128.6	4443.06	7802.80	21.82	6.717e+04	-1.806e+04	6.852e+05
		-1674.28	-1.464e+04	1.50e-04		0.0	3092.72	2011.75	-7.34	4.585e+04	-1.370e+04	-1674.28
						64.3	3092.72	3560.00	-7.34	4.655e+04	-1.417e+04	1.771e+05
384	4	5.481e+05	-1.366e+04	-0.02	-0.44	128.6	3092.72	5161.85	-7.34	4.729e+04	-1.464e+04	4.571e+05
		-1.040e+04	-1.675e+04	1.21e-04		0.0	3515.24	2475.12	24.02	5.122e+04	-1.675e+04	-1.040e+04
						64.3	3515.24	4334.08	24.02	5.207e+04	-1.521e+04	2.081e+05
384	5	1.067e+06	-1.128e+06	-0.04	-0.60	128.6	3515.24	6254.25	24.02	5.298e+04	-1.366e+04	5.481e+05
		1.247e+05	-1.219e+06	0.01		0.0	7324.88	5086.22	1148.98	-3.678e+05	-1.128e+06	1.247e+05
						64.3	7324.88	7521.81	1148.98	-3.720e+05	-1.174e+06	5.114e+05
384	6	5.328e+05	-1.070e+06	0.04	-0.58	128.6	7324.88	1.008e+04	1148.98	-3.766e+05	-1.219e+06	1.067e+06
		8.948e+04	-1.132e+06	0.01		0.0	9747.16	1279.69	1503.90	-2.664e+05	-1.070e+06	8.948e+04
						64.3	9747.16	3566.71	1503.90	-2.711e+05	-1.101e+06	2.346e+05
384	7	4.178e+05	1.103e+06	-0.02	-0.30	128.6	9747.16	6027.05	1503.90	-2.760e+05	-1.132e+06	5.328e+05
		-9.632e+04	1.041e+06	-9.78e-03		0.0	-3392.71	2929.15	-1506.04	3.603e+05	1.041e+06	-9.632e+04
						64.3	-3392.71	3862.93	-1506.04	3.664e+05	1.072e+06	1.319e+05
384	8	-1.163e+05	1.190e+06	0.02	-0.29	128.6	-3392.71	4733.61	-1506.04	3.728e+05	1.103e+06	4.178e+05
		-1.453e+05	1.100e+06	-0.01		0.0	-970.43	-877.37	-1151.12	4.617e+05	1.100e+06	-1.316e+05
						64.3	-970.43	-92.18	-1151.12	4.673e+05	1.145e+06	-1.449e+05
384	21	1.463e+06	-4.375e+05	-0.07	-0.49	128.6	-970.43	677.32	-1151.12	4.735e+05	1.190e+06	-1.163e+05
		8.848e+04	-5.071e+05	3.91e-03		0.0	747.73	8772.18	-194.35	-2.313e+05	-4.375e+05	8.848e+04
						64.3	747.73	1.086e+04	-194.35	-2.314e+05	-4.723e+05	7.014e+05
384	24	-9.532e+04	4.782e+05	0.07	-0.33	128.6	747.73	1.294e+04	-194.35	-2.317e+05	-5.071e+05	1.463e+06
		-5.124e+05	4.088e+05	-3.62e-03		0.0	5606.72	-4563.34	192.21	3.251e+05	4.088e+05	-9.532e+04
						64.3	5606.72	-3425.86	192.21	3.267e+05	4.435e+05	-3.349e+05
384	37	8.003e+05	-6.554e+05	-0.03	-0.51	128.6	5606.72	-2182.62	192.21	3.286e+05	4.782e+05	-5.124e+05
		6.982e+04	-7.082e+05	6.12e-03		0.0	5596.47	3708.75	662.99	-1.903e+05	-6.554e+05	6.982e+04
						64.3	5596.47	5789.19	662.99	-1.924e+05	-6.818e+05	3.643e+05
384	38	5.182e+05	-6.223e+05	0.03	-0.50	128.6	5596.47	7967.47	662.99	-1.947e+05	-7.082e+05	6.003e+05
		5.029e+04	-6.583e+05	5.87e-03		0.0	6898.68	1701.13	865.42	-1.364e+05	-6.223e+05	5.029e+04
						64.3	6898.68	3702.69	865.42	-1.387e+05	-6.403e+05	2.180e+05
384	39	4.324e+05	6.295e+05	-0.02	-0.34	128.6	6898.68	5827.17	865.42	-1.412e+05	-6.583e+05	5.182e+05
		-5.713e+04	5.937e+05	-5.58e-03		0.0	-544.23	2507.72	-867.55	2.302e+05	5.937e+05	-5.713e+04
						64.3	-544.23	3726.95	-867.55	2.340e+05	6.116e+05	1.485e+05
384	40	1.503e+05	6.793e+05	0.02	-0.33	128.6	-544.23	4933.50	-867.55	2.381e+05	6.295e+05	4.324e+05
		-7.666e+04	6.267e+05	-5.83e-03		0.0	757.98	500.09	-665.12	2.842e+05	6.267e+05	-7.666e+04
						64.3	757.98	1640.44	-665.12	2.877e+05	6.530e+05	2253.20
384	53	1.001e+06	-2.567e+05	-0.05	-0.44	128.6	757.98	2793.19	-665.12	2.916e+05	6.793e+05	1.503e+05
		4.818e+04	-2.982e+05	2.31e-03		0.0	1927.98	5630.62	-108.87	-1.060e+05	-2.567e+05	4.818e+04
						64.3	1927.98	7501.66	-108.87	-1.058e+05	-2.774e+05	4.594e+05
384	56	-5.000e+04	2.693e+05	0.04	-0.35	128.6	1927.98	9402.60	-108.87	-1.057e+05	-2.982e+05	1.001e+06
		-9.292e+04	2.281e+05	-2.02e-03		0.0	4426.47	-1421.77	106.73	1.999e+05	2.281e+05	-5.502e+04
						64.3	4426.47	-72.03	106.73	2.011e+05	2.487e+05	-9.292e+04
384	69	4.571e+05	-1.370e+04	-0.01	-0.38	128.6	4426.47	1358.06	106.73	2.026e+05	2.693e+05	-5.000e+04
						0.0	3092.72	2011.75	-7.34	4.585e+04	-1.370e+04	-1674.28

		-1674.28-1.464e+04	1.50e-04			64.3	3092.72	3560.00	-7.34	4.655e+04	-1.417e+04	1.771e+05
						128.6	3092.72	5161.85	-7.34	4.729e+04	-1.464e+04	4.571e+05
384	70	5.178e+05-1.399e+04	-0.01	-0.42	0.0	3374.40	2320.66	13.57	4.943e+04	-1.573e+04	-7492.87	
		-7492.87-1.573e+04	1.30e-04		64.3	3374.40	4076.05	13.57	5.023e+04	-1.486e+04	1.977e+05	
					128.6	3374.40	5890.11	13.57	5.109e+04	-1.399e+04	5.178e+05	
384	71	4.571e+05-1.370e+04	-0.01	-0.38	0.0	3092.72	2011.75	-7.34	4.585e+04	-1.370e+04	-1674.28	
		-1674.28-1.464e+04	1.50e-04		64.3	3092.72	3560.00	-7.34	4.655e+04	-1.417e+04	1.771e+05	
					128.6	3092.72	5161.85	-7.34	4.729e+04	-1.464e+04	4.571e+05	
384	72	4.874e+05-1.432e+04	-0.01	-0.40	0.0	3233.56	2166.21	3.11	4.764e+04	-1.472e+04	-4583.57	
		-4583.57-1.472e+04	1.40e-04		64.3	3233.56	3818.03	3.11	4.839e+04	-1.452e+04	1.874e+05	
					128.6	3233.56	5525.98	3.11	4.919e+04	-1.432e+04	4.874e+05	
384	73	4.571e+05-1.370e+04	-0.01	-0.38	0.0	3092.72	2011.75	-7.34	4.585e+04	-1.370e+04	-1674.28	
		-1674.28-1.464e+04	1.50e-04		64.3	3092.72	3560.00	-7.34	4.655e+04	-1.417e+04	1.771e+05	
					128.6	3092.72	5161.85	-7.34	4.729e+04	-1.464e+04	4.571e+05	
384	74	4.753e+05-1.431e+04	-0.01	-0.39	0.0	3177.22	2104.42	-1.07	4.693e+04	-1.431e+04	-3419.86	
		-3419.86-1.445e+04	1.44e-04		64.3	3177.22	3714.82	-1.07	4.765e+04	-1.438e+04	1.833e+05	
					128.6	3177.22	5380.33	-1.07	4.843e+04	-1.445e+04	4.753e+05	
385	2	4.252e+05 1.671e+04	8.66e-03	-0.57	0.0	2281.02	1833.36	106.01	4.156e+04	4096.14	-6.893e+04	
		-6.893e+04 4096.14	3.32e-05		59.5	2281.02	4148.69	106.01	4.298e+04	1.040e+04	1.088e+05	
					118.9	2281.02	6496.44	106.01	4.445e+04	1.671e+04	4.252e+05	
385	3	2.836e+05 1.153e+04	5.78e-03	-0.40	0.0	1649.93	1175.35	75.32	2.832e+04	2569.09	-4.134e+04	
		-4.134e+04 2569.09	2.65e-05		59.5	1649.93	2728.39	75.32	2.926e+04	7048.79	7.463e+04	
					118.9	1649.93	4303.04	75.32	3.024e+04	1.153e+04	2.836e+05	
385	14	1.758e+05-6.035e+05	0.02	-0.62	0.0	1.011e+04	64.58	1909.36	-7.260e+04	-8.434e+05	-1.155e+05	
		-1.155e+05-8.434e+05	1.91e-03		59.5	1.011e+04	2464.79	1909.36	-7.008e+04	-7.234e+05	-4.151e+04	
					118.9	1.011e+04	4970.64	1909.36	-6.784e+04	-6.035e+05	1.758e+05	
385	15	4.140e+05 8.488e+05	-8.33e-03	-0.30	0.0	-6756.34	2408.29	-1755.48	1.311e+05	8.488e+05	2.673e+04	
		2.673e+04 6.272e+05	-1.89e-03		59.5	-6756.34	3232.70	-1755.48	1.306e+05	7.380e+05	1.955e+05	
					118.9	-6756.34	3996.44	-1755.48	1.304e+05	6.272e+05	4.140e+05	
385	25	1.572e+06 1.065e+04	-0.03	-0.49	0.0	-9863.78	7780.20	-145.56	-1.207e+05	1.065e+04	4.326e+05	
		4.326e+05-4.900e+05	3.83e-03		59.5	-9863.78	9712.90	-145.56	-1.194e+05	-2.397e+05	9.413e+05	
					118.9	-9863.78	1.164e+04	-145.56	-1.183e+05	-4.900e+05	1.572e+06	
385	26	-4.818e+05 9.219e+04	0.03	-0.46	0.0	1.595e+04	-4871.77	1271.37	9.841e+04	-4.696e+05	-4.818e+05	
		-8.365e+05-4.696e+05	-2.27e-03		59.5	1.595e+04	-3093.23	1271.37	9.999e+04	-1.887e+05	-7.098e+05	
					118.9	1.595e+04	-1221.86	1271.37	1.016e+05	9.219e+04	-8.365e+05	
385	27	1.426e+06 4.751e+05	-0.03	-0.38	0.0	-1.260e+04	7344.64	-1117.49	-3.988e+04	4.751e+05	3.930e+05	
		3.930e+05-6.844e+04	2.32e-03		59.5	-1.260e+04	8790.72	-1117.49	-3.949e+04	2.033e+05	8.638e+05	
					118.9	-1.260e+04	1.019e+04	-1117.49	-3.907e+04	-6.844e+04	1.426e+06	
385	28	-5.214e+05 5.138e+05	0.03	-0.35	0.0	1.322e+04	-5307.33	299.44	1.793e+05	-5211.82	-5.214e+05	
		-9.817e+05 -5211.82	-3.78e-03		59.5	1.322e+04	-4015.41	299.44	1.799e+05	2.543e+05	-7.873e+05	
					118.9	1.322e+04	-2671.56	299.44	1.809e+05	5.138e+05	-9.817e+05	
385	46	2.424e+05-3.441e+05	0.01	-0.53	0.0	6374.58	649.24	1133.01	-3.089e+04	-4.833e+05	-8.016e+04	
		-8.016e+04-4.833e+05	1.13e-03		59.5	6374.58	2717.88	1133.01	-2.902e+04	-4.137e+05	1.932e+04	
					118.9	6374.58	4855.62	1133.01	-2.731e+04	-3.441e+05	2.424e+05	
385	47	3.475e+05 4.888e+05	-7.18e-03	-0.34	0.0	-3020.28	1823.63	-979.13	8.942e+04	4.888e+05	-8595.92	
		-8595.92 3.679e+05	-1.11e-03		59.5	-3020.28	2979.60	-979.13	8.953e+04	4.283e+05	1.346e+05	
					118.9	-3020.28	4111.46	-979.13	8.984e+04	3.679e+05	3.475e+05	
385	57	9.743e+05 1225.61	-0.02	-0.45	0.0	-4460.53	4698.30	-49.47	-5.242e+04	1225.61	2.118e+05	
		2.118e+05-2.737e+05	2.12e-03		59.5	-4460.53	6492.46	-49.47	-5.126e+04	-1.362e+05	5.374e+05	
					118.9	-4460.53	8294.32	-49.47	-5.018e+04	-2.737e+05	9.743e+05	
385	58	-2.779e+05 5.430e+04	0.02	-0.44	0.0	9387.02	-1976.98	763.80	6.435e+04	-2.636e+05	-2.779e+05	
		-3.400e+05-2.636e+05	-1.19e-03		59.5	9387.02	-265.29	763.80	6.567e+04	-1.046e+05	-3.392e+05	
					118.9	9387.02	1506.88	763.80	6.702e+04	5.430e+04	-3.011e+05	
385	59	8.910e+05 2.690e+05	-0.02	-0.38	0.0	-6032.71	4449.85	-609.92	-5820.50	2.690e+05	1.892e+05	
		1.892e+05-3.055e+04	1.25e-03		59.5	-6032.71	5962.78	-609.92	-5168.61	1.192e+05	4.931e+05	
					118.9	-6032.71	7460.20	-609.92	-4484.16	-3.055e+04	8.910e+05	
385	60	-3.005e+05 2.974e+05	0.02	-0.37	0.0	7814.84	-2225.43	203.35	1.110e+05	4215.10	-3.005e+05	
		-3.946e+05 4215.10	-2.06e-03		59.5	7814.84	-794.97	203.35	1.118e+05	1.508e+05	-3.835e+05	
					118.9	7814.84	672.76	203.35	1.127e+05	2.974e+05	-3.844e+05	
385	69	2.836e+05 1.153e+04	5.78e-03	-0.40	0.0	1649.93	1175.35	75.32	2.832e+04	2569.09	-4.134e+04	
		-4.134e+04 2569.09	2.65e-05		59.5	1649.93	2728.39	75.32	2.926e+04	7048.79	7.463e+04	
					118.9	1649.93	4303.04	75.32	3.024e+04	1.153e+04	2.836e+05	
385	70	3.213e+05 1.267e+04	6.54e-03	-0.44	0.0	1740.67	1378.96	80.71	3.148e+04	3073.31	-5.147e+04	
		-5.147e+04 3073.31	2.57e-05		59.5	1740.67	3129.58	80.71	3.256e+04	7873.64	8.247e+04	
					118.9	1740.67	4904.70	80.71	3.366e+04	1.267e+04	3.213e+05	
385	71	2.836e+05 1.153e+04	5.78e-03	-0.40	0.0	1649.93	1175.35	75.32	2.832e+04	2569.09	-4.134e+04	
		-4.134e+04 2569.09	2.65e-05		59.5	1649.93	2728.39	75.32	2.926e+04	7048.79	7.463e+04	
					118.9	1649.93	4303.04	75.32	3.024e+04	1.153e+04	2.836e+05	
385	72	3.025e+05 1.210e+04	6.16e-03	-0.42	0.0	1695.30	1277.15	78.02	2.990e+04	2821.20	-4.640e+04	
		-4.640e+04 2821.20	2.61e-05		59.5	1695.30	2928.98	78.02	3.091e+04	7461.21	7.855e+04	
					118.9	1695.30	4603.87	78.02	3.195e+04	1.210e+04	3.025e+05	
385	73	2.836e+05 1.153e+04	5.78e-03	-0.40	0.0	1649.93	1175.35	75.32	2.832e+04	2569.09	-4.134e+04	
		-4.134e+04 2569.09	2.65e-05		59.5	1649.93	2728.39	75.32	2.926e+04	7048.79	7.463e+04	
					118.9	1649.93	4303.04	75.32	3.024e+04	1.153e+04	2.836e+05	
385	74	2.949e+05 1.187e+04	6.01e-03	-0.41	0.0	1677.15	1236.43	76.94	2.927e+04	2720.35	-4.438e+04	
		-4.438e+04 2720.35	2.62e-05		59.5	1677.15	2848.74	76.94	3.025e+04	7296.24	7.698e+04	
					118.9	1677.15	4483.54	76.94	3.127e+04	1.187e+04	2.949e+05	

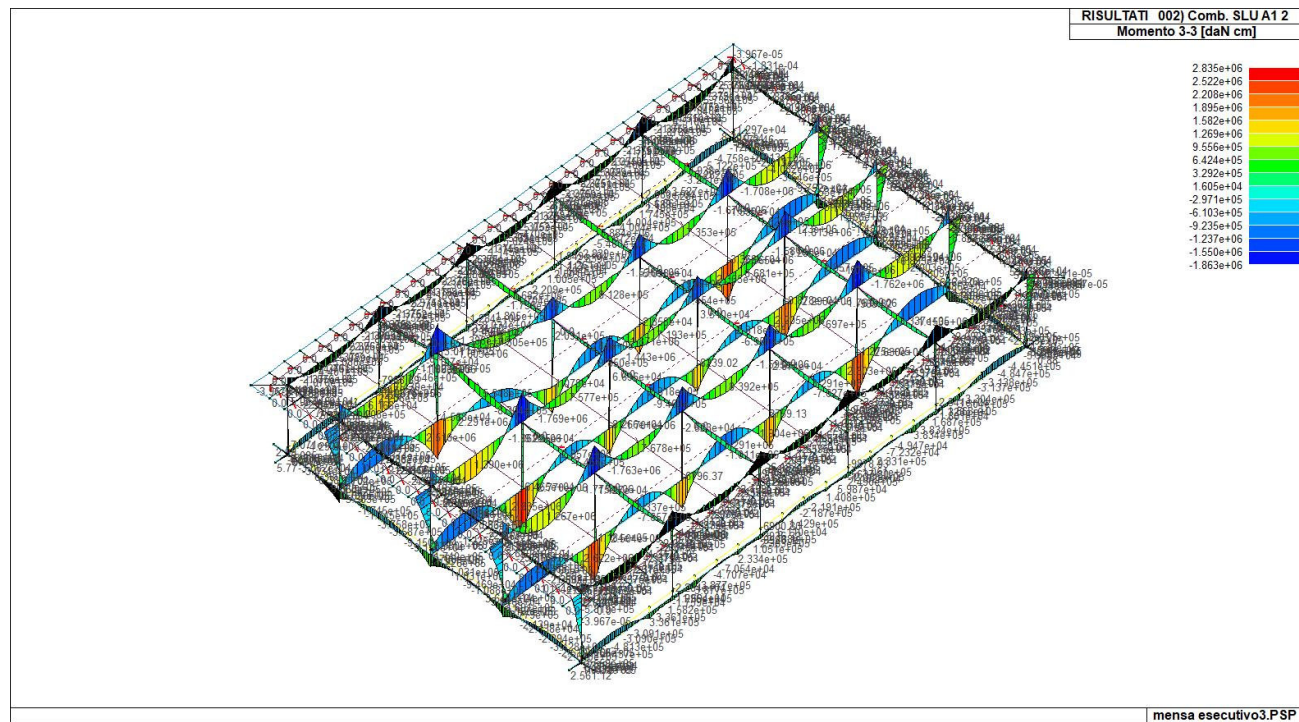
386	2	5.702e+05-1.748e+04 1.468e+05-2.771e+04	6.78e-03 6.46e-05	-0.57	0.0 47.5 95.1	5497.68 5497.68 5497.68	2605.31 4458.35 6292.71	-107.64-7.139e+04-1.748e+04 -107.64-7.039e+04-2.259e+04 -107.64-6.943e+04-2.771e+04	1.468e+05 3.147e+05 5.702e+05
386	3	3.797e+05-1.362e+04 1.005e+05-2.130e+04	4.77e-03 3.30e-05	-0.40	0.0 47.5 95.1	3765.16 3765.16 3765.16	1699.25 2940.08 4167.76	-80.81-4.939e+04-1.362e+04 -80.81-4.873e+04-1.746e+04 -80.81-4.809e+04-2.130e+04	1.005e+05 2.108e+05 3.797e+05
386	4	4.563e+05-1.339e+04 1.166e+05-2.132e+04	5.35e-03 5.54e-05	-0.45	0.0 47.5 95.1	4368.14 4368.14 4368.14	2095.54 3576.33 5042.39	-83.40-5.658e+04-1.339e+04 -83.40-5.577e+04-1.736e+04 -83.40-5.500e+04-2.132e+04	1.166e+05 2.514e+05 4.563e+05
386	5	8.021e+05-6.415e+05 2.870e+05-9.210e+05	9.72e-03 -7.54e-03	-0.55	0.0 47.5 95.1	3374.58 3374.58 3374.58	4453.20 5636.44 7067.93	2578.04-5.354e+05-6.415e+05 2578.04-5.326e+05-7.813e+05 2578.04-5.302e+05-9.210e+05	2.870e+05 5.160e+05 8.021e+05
386	8	-1.195e+04 8.784e+05 -8.707e+04 6.144e+05	-5.38e-03 7.61e-03	-0.31	0.0 47.5 95.1	4396.93 4396.93 4396.93	-896.18 498.22 1617.44	-2740.69 4.337e+05 6.144e+05 -2740.69 4.324e+05 7.464e+05 -2740.69 4.312e+05 8.784e+05	-7.961e+04 -7.824e+04 -1.195e+04
386	21	1.386e+06-4.648e+05 4.725e+05-6.183e+05	0.01 4.58e-04	-0.51	0.0 47.5 95.1	-5075.88 -5075.88 -5075.88	8838.12 9889.60 1.096e+04	3.78-3.415e+05-4.648e+05 3.78-3.411e+05-5.415e+05 3.78-3.408e+05-6.183e+05	4.725e+05 9.001e+05 1.386e+06
386	24	-2.651e+05 5.757e+05 -5.958e+05 4.377e+05	-0.02 -3.95e-04	-0.33	0.0 47.5 95.1	1.285e+04 1.285e+04 1.285e+04	-5281.10 -3754.94 -2275.54	-166.43-2.399e+05-4.377e+05 -166.43 2.408e+05 5.067e+05 -166.43 2.419e+05 5.757e+05	-2.651e+05 -4.623e+05 -5.958e+05
386	26	-2.242e+05 2.038e+05 -5.246e+05 1.633e+05	0.03 -4.44e-03	-0.40	0.0 47.5 95.1	1.465e+04 1.465e+04 1.465e+04	-4982.75 -3369.48 -1651.60	-56.77-1.774e+04 1.633e+05 -56.77-1.514e+04 1.836e+05 -56.77-1.255e+04 2.038e+05	-2.242e+05 -2.421e+05 -5.246e+05
386	27	1.315e+06-1.905e+05 4.316e+05-2.464e+05	-0.02 4.51e-03	-0.44	0.0 47.5 95.1	-6883.20 -6883.20 -6883.20	8539.77 9504.15 1.034e+04	-105.88-8.391e+04-1.905e+05 -105.88-8.513e+04-2.184e+05 -105.88-8.641e+04-2.464e+05	4.316e+05 8.469e+05 1.315e+06
386	41	5.964e+05-3.723e+05 1.942e+05-5.339e+05	8.43e-03 -4.45e-03	-0.49	0.0 47.5 95.1	4057.60 4057.60 4057.60	3119.05 4343.38 5717.34	1474.26-3.224e+05-3.723e+05 1474.26-3.205e+05-4.531e+05 1474.26-3.187e+05-5.339e+05	1.942e+05 3.662e+05 5.964e+05
386	44	1.937e+05 4.913e+05 1.319e+04 3.452e+05	-4.31e-03 4.52e-03	-0.34	0.0 47.5 95.1	3713.91 3713.91 3713.91	437.97 1791.28 2968.04	-1636.91 2.207e+05 3.452e+05 -1636.91 2.202e+05 4.182e+05 -1636.91 2.198e+05 4.913e+05	1.319e+04 7.154e+04 1.937e+05
386	53	9.208e+05-2.604e+05 3.033e+05-3.483e+05	4.18e-03 2.24e-04	-0.46	0.0 47.5 95.1	-984.10 -984.10 -984.10	5508.56 6667.95 7838.52	2.46-2.106e+05-2.604e+05 2.46-2.100e+05-3.043e+05 2.46-2.095e+05-3.483e+05	3.033e+05 5.820e+05 9.208e+05
386	56	-9.587e+04 3.057e+05 -1.469e+05 2.332e+05	-0.01 -1.64e-04	-0.36	0.0 47.5 95.1	8755.61 8755.61 8755.61	-1951.54 -533.29 846.86	-165.11 1.089e+05 2.332e+05 -165.11 1.097e+05 2.695e+05 -165.11 1.106e+05 3.057e+05	-9.587e+04 -1.442e+05 -1.307e+05
386	58	-7.233e+04 9.163e+04 -1.146e+05 7.521e+04	0.02 -2.46e-03	-0.41	0.0 47.5 95.1	9786.60 9786.60 9786.60	-1782.58 -317.31 1200.25	-103.52-3.925e+04 7.521e+04 -103.52-3.750e+04 8.342e+04 -103.52-3.578e+04 9.163e+04	-7.233e+04 -1.138e+05 -9.031e+04
386	59	8.804e+05-1.024e+05 2.797e+05-1.342e+05	-7.29e-03 2.53e-03	-0.41	0.0 47.5 95.1	-2015.09 -2015.09 -2015.09	5339.60 6451.98 7485.12	-59.13-6.240e+04-1.024e+05 -59.13-6.277e+04-1.183e+05 -59.13-6.317e+04-1.342e+05	2.797e+05 5.516e+05 8.804e+05
386	69	3.797e+05-1.362e+04 1.005e+05-2.130e+04	4.77e-03 3.30e-05	-0.40	0.0 47.5 95.1	3765.16 3765.16 3765.16	1699.25 2940.08 4167.76	-80.81-4.939e+04-1.362e+04 -80.81-4.873e+04-1.746e+04 -80.81-4.809e+04-2.130e+04	1.005e+05 2.108e+05 3.797e+05
386	70	4.308e+05-1.347e+04 1.112e+05-2.131e+04	5.16e-03 4.74e-05	-0.43	0.0 47.5 95.1	4167.14 4167.14 4167.14	1963.44 3364.24 4750.84	-82.54-5.418e+04-1.347e+04 -82.54-5.342e+04-1.739e+04 -82.54-5.270e+04-2.131e+04	1.112e+05 2.379e+05 4.308e+05
386	71	3.797e+05-1.362e+04 1.005e+05-2.130e+04	4.77e-03 3.30e-05	-0.40	0.0 47.5 95.1	3765.16 3765.16 3765.16	1699.25 2940.08 4167.76	-80.81-4.939e+04-1.362e+04 -80.81-4.873e+04-1.746e+04 -80.81-4.809e+04-2.130e+04	1.005e+05 2.108e+05 3.797e+05
386	72	4.053e+05-1.354e+04 1.059e+05-2.131e+04	4.96e-03 3.99e-05	-0.41	0.0 47.5 95.1	3966.15 3966.15 3966.15	1831.35 3152.16 4459.30	-81.67-5.178e+04-1.354e+04 -81.67-5.108e+04-1.743e+04 -81.67-5.040e+04-2.131e+04	1.059e+05 2.243e+05 4.053e+05
386	73	3.797e+05-1.362e+04 1.005e+05-2.130e+04	4.77e-03 3.30e-05	-0.40	0.0 47.5 95.1	3765.16 3765.16 3765.16	1699.25 2940.08 4167.76	-80.81-4.939e+04-1.362e+04 -80.81-4.873e+04-1.746e+04 -80.81-4.809e+04-2.130e+04	1.005e+05 2.108e+05 3.797e+05
386	74	3.951e+05-1.357e+04 1.037e+05-2.130e+04	4.88e-03 3.70e-05	-0.41	0.0 47.5 95.1	3885.76 3885.76 3885.76	1778.51 3067.33 4342.69	-81.33-5.025e+04-1.357e+04 -81.33-5.014e+04-1.744e+04 -81.33-4.948e+04-2.130e+04	1.037e+05 2.189e+05 3.951e+05
387	1	1.634e+05 4338.65 -2.537e+05 -5014.93	9.60e-03 -5.40e-04	-0.45	0.0 69.8 139.6	-2432.71 -2432.71 -2432.71	1057.81 2979.45 4943.42	-66.98-7.575e+04 4338.65 -66.98-7.515e+04 -338.14 -66.98-7.464e+04 -5014.93	2.537e+05 9.60e+05 1.634e+06
387	2	2.185e+05 -5331.11 -2.913e+05-2.100e+04	0.01 -7.41e-04	-0.50	0.0 69.8 139.6	-2643.02 -2643.02 -2643.02	1395.36 3640.93 5942.63	-112.18-8.291e+04 -5331.11 -112.18-8.216e+04 -1.316e+04 -112.18-8.152e+04 -2.100e+04	-5331.11 -1.158e+05 2.185e+05
387	3	1.257e+05 3337.42 -1.951e+05 -3857.64	7.39e-03 -4.16e-04	-0.35	0.0 69.8 139.6	-1871.32 -1871.32 -1871.32	813.70 2291.88 3802.63	-51.52-5.827e+04 3337.42 -51.52-5.781e+04 -260.11 -51.52-5.742e+04 -3857.64	3.337e+05 -8.686e+04 1.257e+05
387	21	1.489e+06-1.213e+05 4.628e+05-3.877e+05	0.06 -0.02	-0.56	0.0 69.8 139.6	-2.026e+04 -2.026e+04 -2.026e+04	6872.08 7643.88 8314.65	-1523.29-1.798e+05-1.213e+05 -1523.29-1.799e+05-2.545e+05 -1523.29-1.802e+05-3.877e+05	4.628e+05 9.516e+05 1.489e+06
387	24	-8.681e+05 3.735e+05 -1.215e+06 1.241e+05	-0.05 0.02	-0.23	0.0 69.8	1.643e+04 1.643e+04	-5109.67 -2795.52	1402.17 6.039e+04 1.241e+05 1402.17 6.143e+04 2.488e+05	-8.681e+05 -1.126e+06

387	25	1.474e+06	-9.392e+04	0.07	-0.57	139.6	1.643e+04	-309.71	1402.17	6.259e+04	3.735e+05	-1.215e+06
		4.580e+05	-4.402e+05	-0.02		0.0	-1.987e+04	6827.98	-1501.89	-2.043e+05	-9.392e+04	4.580e+05
						69.8	-1.987e+04	7693.88	-1501.89	-2.041e+05	-2.670e+05	9.416e+05
						139.6	-1.987e+04	8449.42	-1501.89	-2.042e+05	-4.402e+05	1.474e+06
387	28	-8.633e+05	4.261e+05	-0.05	-0.22	0.0	1.604e+04	-5065.57	1380.76	8.485e+04	9.673e+04	-8.633e+05
		-1.201e+06	9.673e+04	0.01		69.8	1.604e+04	-2845.52	1380.76	8.566e+04	2.614e+05	-1.116e+06
						139.6	1.604e+04	-444.48	1380.76	8.661e+04	4.261e+05	-1.201e+06
387	53	8.510e+05	-6.886e+04	0.04	-0.47	0.0	-1.170e+04	4040.80	-902.90	-1.285e+05	-6.886e+04	1.523e+05
		1.523e+05	-2.257e+05	-9.37e-03		69.8	-1.170e+04	5180.08	-902.90	-1.283e+05	-1.473e+05	4.631e+05
						139.6	-1.170e+04	6290.82	-902.90	-1.282e+05	-2.257e+05	8.510e+05
387	56	-5.576e+05	2.116e+05	-0.02	-0.28	0.0	7877.30	-2278.38	781.77	9106.05	7.167e+04	-5.576e+05
		-6.384e+05	7.167e+04	8.46e-03		69.8	7877.30	-331.72	781.77	9869.69	1.416e+05	-6.379e+05
						139.6	7877.30	1714.12	781.77	1.067e+04	2.116e+05	-5.776e+05
387	57	8.428e+05	-5.294e+04	0.04	-0.47	0.0	-1.148e+04	4016.79	-890.74	-1.428e+05	-5.294e+04	1.494e+05
		1.494e+05	-2.561e+05	-8.95e-03		69.8	-1.148e+04	5211.08	-890.74	-1.424e+05	-1.545e+05	4.573e+05
						139.6	-1.148e+04	6369.11	-890.74	-1.423e+05	-2.561e+05	8.428e+05
387	60	-5.547e+05	2.420e+05	-0.02	-0.28	0.0	7648.54	-2254.38	769.62	2.339e+04	5.574e+04	-5.547e+05
		-6.321e+05	5.574e+04	8.04e-03		69.8	7648.54	-362.72	769.62	2.402e+04	1.489e+05	-6.321e+05
						139.6	7648.54	1635.83	769.62	2.470e+04	2.420e+05	-5.694e+05
387	69	1.257e+05	3337.42	7.39e-03	-0.35	0.0	-1871.32	813.70	-51.52	-5.827e+04	3337.42	-1.951e+05
		-1.951e+05	-3857.64	-4.16e-04		69.8	-1871.32	2291.88	-51.52	-5.781e+04	-260.11	-8.686e+04
						139.6	-1871.32	3802.63	-51.52	-5.742e+04	-3857.64	1.257e+05
387	70	1.624e+05	-3109.08	9.51e-03	-0.38	0.0	-2011.52	1038.73	-81.66	-6.304e+04	-3109.08	-2.202e+05
		-2.202e+05	-1.451e+04	-5.49e-04		69.8	-2011.52	2732.87	-81.66	-6.248e+04	-8810.71	-8.876e+04
						139.6	-2011.52	4468.77	-81.66	-6.200e+04	-1.451e+04	1.624e+05
387	71	1.257e+05	3337.42	7.39e-03	-0.35	0.0	-1871.32	813.70	-51.52	-5.827e+04	3337.42	-1.951e+05
		-1.951e+05	-3857.64	-4.16e-04		69.8	-1871.32	2291.88	-51.52	-5.781e+04	-260.11	-8.686e+04
						139.6	-1871.32	3802.63	-51.52	-5.742e+04	-3857.64	1.257e+05
387	72	1.441e+05	114.17	8.45e-03	-0.36	0.0	-1941.42	926.21	-66.59	-6.066e+04	114.17	-2.077e+05
		-2.077e+05	-9184.99	-4.82e-04		69.8	-1941.42	2512.38	-66.59	-6.014e+04	-4535.41	-8.781e+04
						139.6	-1941.42	4135.70	-66.59	-5.971e+04	-9184.99	1.441e+05
387	73	1.257e+05	3337.42	7.39e-03	-0.35	0.0	-1871.32	813.70	-51.52	-5.827e+04	3337.42	-1.951e+05
		-1.951e+05	-3857.64	-4.16e-04		69.8	-1871.32	2291.88	-51.52	-5.781e+04	-260.11	-8.686e+04
						139.6	-1871.32	3802.63	-51.52	-5.742e+04	-3857.64	1.257e+05
387	74	1.367e+05	1403.47	8.03e-03	-0.36	0.0	-1913.38	881.21	-60.56	-5.970e+04	1403.47	-2.027e+05
		-2.027e+05	-7054.05	-4.56e-04		69.8	-1913.38	2424.18	-60.56	-5.921e+04	-2825.29	-8.743e+04
						139.6	-1913.38	4002.47	-60.56	-5.879e+04	-7054.05	1.367e+05
388	2	2.206e+05	-8813.68	-0.03	-0.56	0.0	1560.77	-2041.38	-87.23	-4.129.81	-8813.68	1.208e+05
		6.168e+04	-2.191e+04	1.12e-03		75.1	1560.77	640.04	-87.23	-3.145.15	-1.536e+04	6.725e+04
						150.1	1560.77	3470.61	-87.23	-2.165.07	-2.191e+04	2.206e+05
388	3	1.441e+05	-3101.31	-0.02	-0.39	0.0	1086.78	-1386.23	-15.70	-1.685e+04	-3101.31	8.228e+04
		4.132e+04	-5458.12	3.83e-04		75.1	1086.78	395.38	-15.70	-1.632e+04	-4279.72	4.446e+04
						150.1	1086.78	2275.18	-15.70	-1.582e+04	-5458.12	1.441e+05
388	33	3.126e+05	2.267e+05	-4.74e-03	-0.66	0.0	-964.78	-199.78	-5113.14	-1.724e+06	2.267e+05	3.126e+05
		1.276e+05	-6.019e+05	3.00e-04		75.1	-964.78	2114.77	-5113.14	-1.747e+06	-1.876e+05	1.636e+05
						150.1	-964.78	4427.20	-5113.14	-1.772e+06	-6.019e+05	1.780e+05
388	34	1.324e+05	5.254e+05	-0.05	-0.56	0.0	4681.21	-2482.45	4675.28	1.642e+06	-1.208e+05	-1.161e+05
		-1.183e+05	-1.208e+05	2.53e-03		75.1	4681.21	-1077.91	4675.28	1.665e+06	2.023e+05	-5.812e+04
						150.1	4681.21	530.22	4675.28	1.691e+06	5.254e+05	1.324e+05
388	35	2.862e+05	1.127e+05	5.98e-03	-0.65	0.0	-2448.46	-385.73	-4733.41	-1.669e+06	1.127e+05	2.862e+05
		1.202e+05	-5.423e+05	-1.52e-03		75.1	-2448.46	1919.09	-4733.41	-1.691e+06	-2.148e+05	1.508e+05
						150.1	-2448.46	4225.30	-4733.41	-1.715e+06	-5.423e+05	1.692e+05
388	36	1.235e+05	5.850e+05	0.05	-0.56	0.0	3197.53	-2668.40	5055.01	1.698e+06	-2.348e+05	-1.425e+05
		-1.430e+05	-2.348e+05	1.23e-03		75.1	3197.53	-1273.59	5055.01	1.721e+06	1.751e+05	-7.093e+04
						150.1	3197.53	328.32	5055.01	1.748e+06	5.850e+05	1.235e+05
388	65	2.071e+05	1.207e+05	-0.01	-0.53	0.0	7.52	-771.06	-2718.37	-9.165e+05	1.207e+05	2.071e+05
		1.043e+05	-3.227e+05	6.07e-04		75.1	7.52	1329.01	-2718.37	-9.282e+05	1.010e+05	1.092e+05
						150.1	7.52	3475.83	-2718.37	-9.412e+05	-3.227e+05	1.654e+05
388	66	1.412e+05	2.716e+05	-0.04	-0.48	0.0	3080.61	-1989.81	2442.98	8.585e+05	-6.313e+04	-2.176e+04
		-3.550e+04	-6.313e+04	1.25e-03		75.1	3080.61	-374.86	2442.98	8.710e+05	1.042e+05	-9159.63
						150.1	3080.61	1396.24	2442.98	8.849e+05	2.716e+05	1.412e+05
388	67	1.919e+05	5.501e+04	0.01	-0.53	0.0	-847.86	-878.37	-2501.11	-8.851e+05	5.501e+04	1.919e+05
		9.860e+04	-2.884e+05	-2.35e-04		75.1	-847.86	1216.04	-2501.11	-8.965e+05	-1.167e+05	1.019e+05
						150.1	-847.86	3359.28	-2501.11	-9.091e+05	-2.884e+05	1.604e+05
388	68	1.361e+05	3.059e+05	0.04	-0.48	0.0	2225.23	-2097.12	2660.25	8.899e+05	-1.288e+05	-3.697e+04
		-4.770e+04	-1.288e+05	4.97e-04		75.1	2225.23	-487.82	2660.25	9.028e+05	8.854e+04	-1.654e+04
						150.1	2225.23	1279.69	2660.25	9.169e+05	3.059e+05	1.361e+05
388	69	1.441e+05	-3101.31	-0.02	-0.39	0.0	1086.78	-1386.23	-15.70	-1.685e+04	-3101.31	8.228e+04
		4.132e+04	-5458.12	3.83e-04		75.1	1086.78	395.38	-15.70	-1.632e+04	-4279.72	4.446e+04
						150.1	1086.78	2275.18	-15.70	-1.582e+04	-5458.12	1.441e+05
388	70	1.663e+05	-6289.29	-0.02	-0.42	0.0	1185.42	-1545.75	-60.25	-4999.39	-6289.29	9.151e+04
		4.663e+04	-1.533e+04	7.98e-04		75.1	1185.42	479.41	-60.25	-4273.10	-1.081e+04	5.076e+04
						150.1	1185.42	2617.10	-60.25	-3553.02	-1.533e+04	1.663e+05
388	71	1.441e+05	-3101.31	-0.02	-0.39	0.0	1086.78	-1386.23	-15.70	-1.685e+04	-3101.31	8.228e+04
		4.132e+04	-5458.12	3.83e-04		75.1	1086.78	395.38	-15.70	-1.632e+04	-4279.72	4.446e+04
						150.1	1086.78	2275.18	-15.70	-1.582e+04	-5458.12	1.441e+05
388	72	1.552e+05	-4695.30	-0.02	-0.40	0.0	1136.10	-1465.99	-37.97	-1.092e+04	-4695.30	8.690e+04

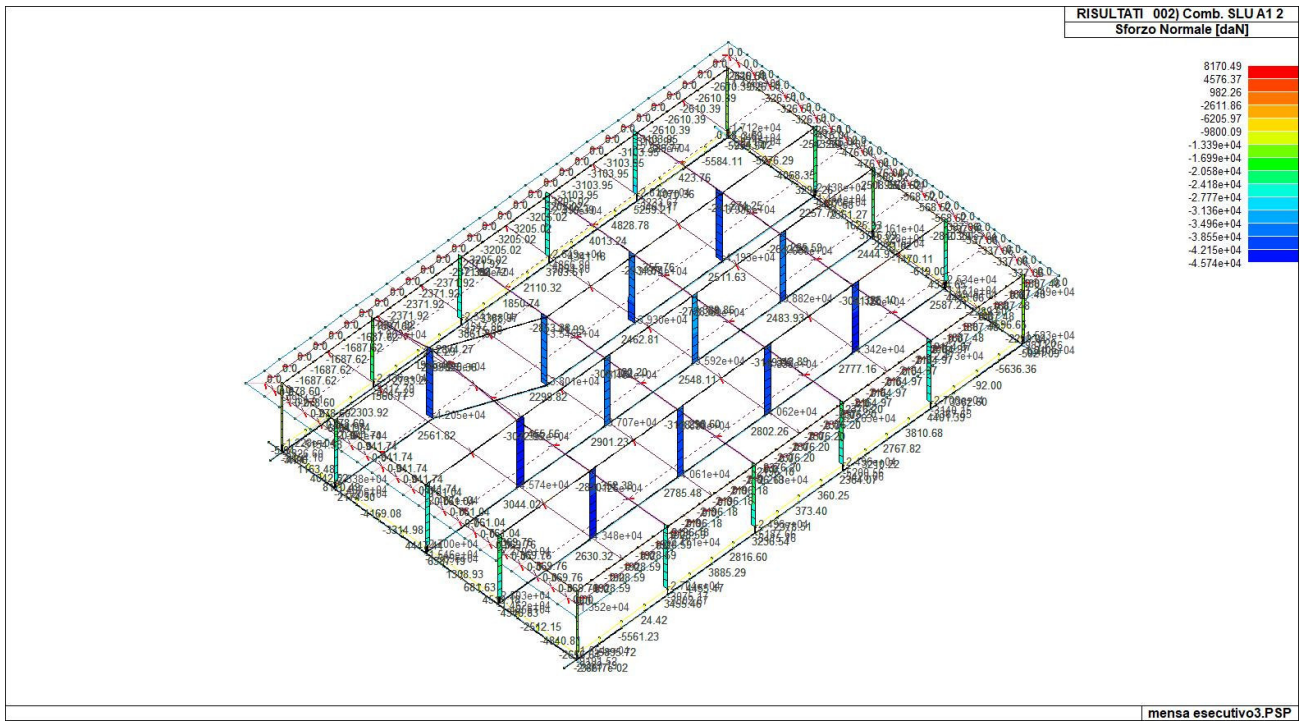
		4.397e+04	-1.040e+04	5.91e-04		75.1	1136.10	437.40	-37.97	-1.030e+04	-7545.52	4.761e+04
						150.1	1136.10	2446.14	-37.97	-9687.66	-1.040e+04	1.552e+05
388	73	1.441e+05	-3101.31	-0.02	-0.39	0.0	1086.78	-1386.23	-15.70	-1.685e+04	-3101.31	8.228e+04
		4.132e+04	-5458.12	3.83e-04		75.1	1086.78	395.38	-15.70	-1.632e+04	-4279.72	4.446e+04
						150.1	1086.78	2275.18	-15.70	-1.582e+04	-5458.12	1.441e+05
388	74	1.508e+05	-4057.70	-0.02	-0.40	0.0	1116.37	-1434.09	-29.06	-1.329e+04	-4057.70	8.505e+04
		4.291e+04	-8420.69	5.08e-04		75.1	1116.37	420.59	-29.06	-1.271e+04	-6239.20	4.635e+04
						150.1	1116.37	2377.76	-29.06	-1.214e+04	-8420.69	1.508e+05
Trave f.												
		M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	N		V 2	V 3	T		
		-1.997e+06	-1.219e+06	-0.45	-1.28	-2.308e+04		-2.284e+04	-7441.36	-1.895e+06		
		3.296e+06	1.208e+06	0.47	-0.11	2.284e+04		2.290e+04	7419.15	1.818e+06		



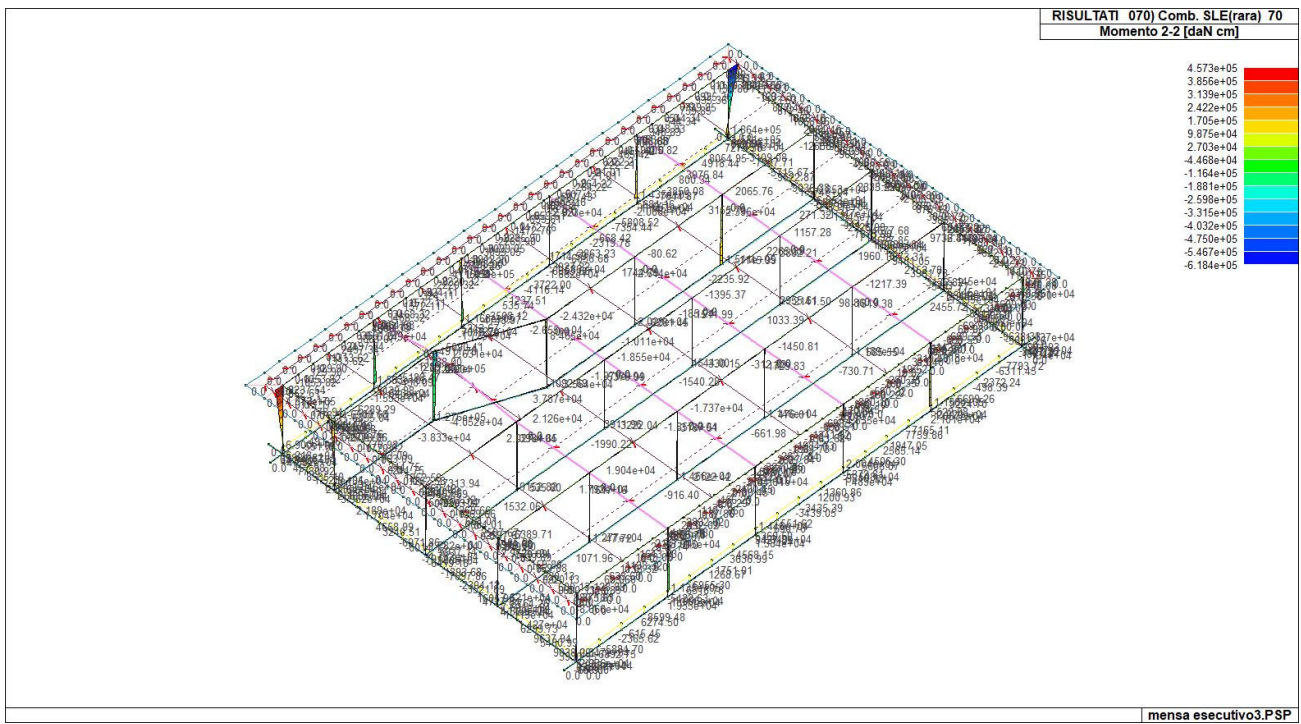
43_RIS_M2_002_Comb. SLU A1 2



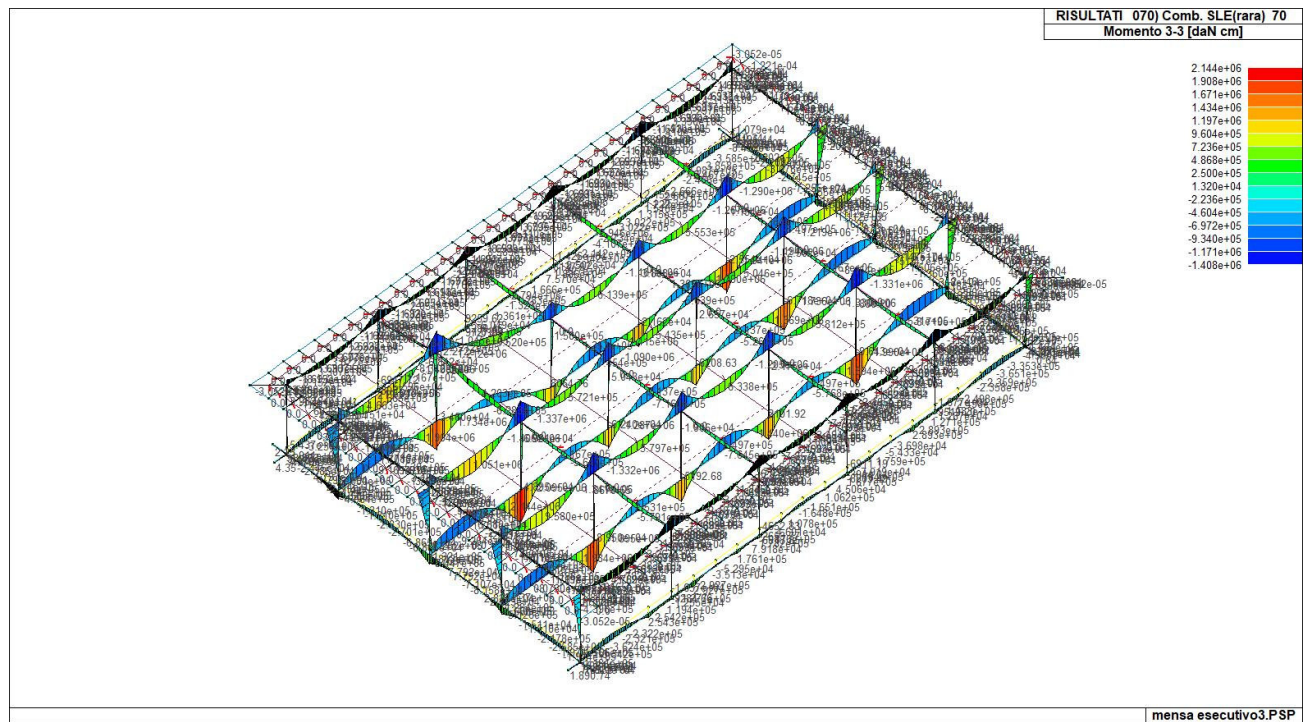
43_RIS_M3_002_Comb. SLU A1 2



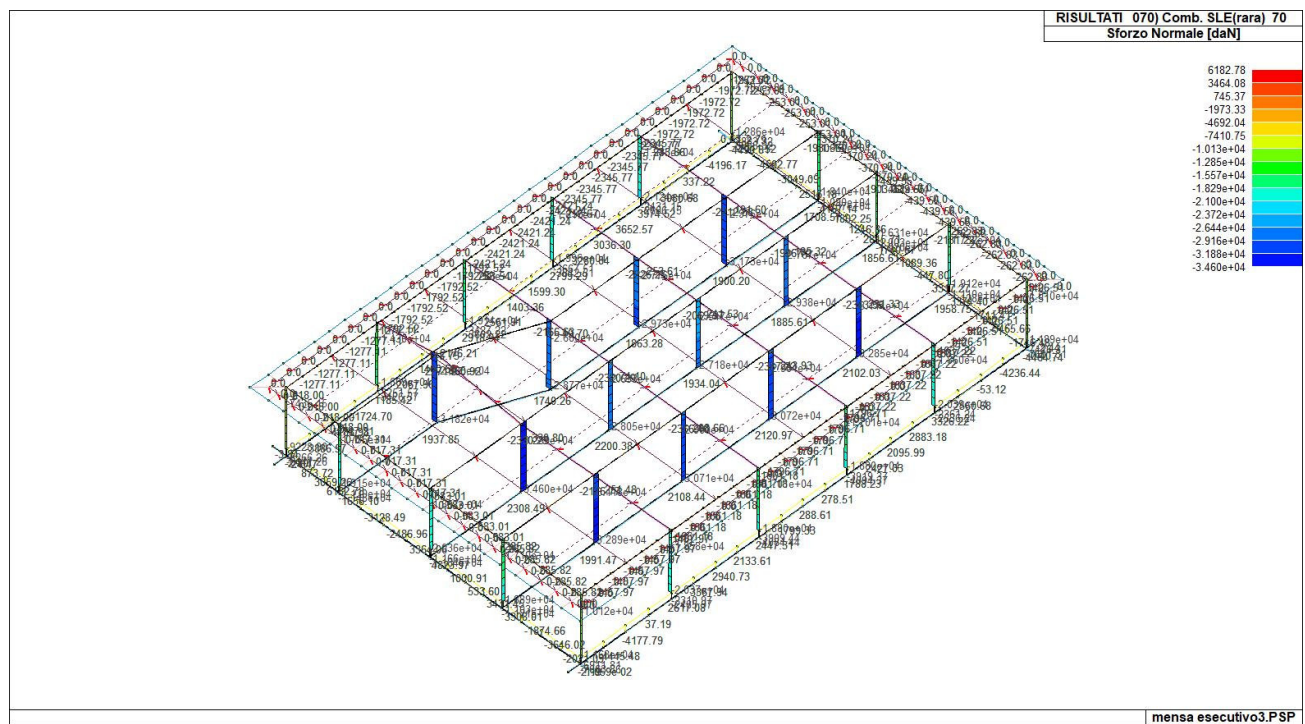
43_RIS_N_002_Comb. SLU A1 2



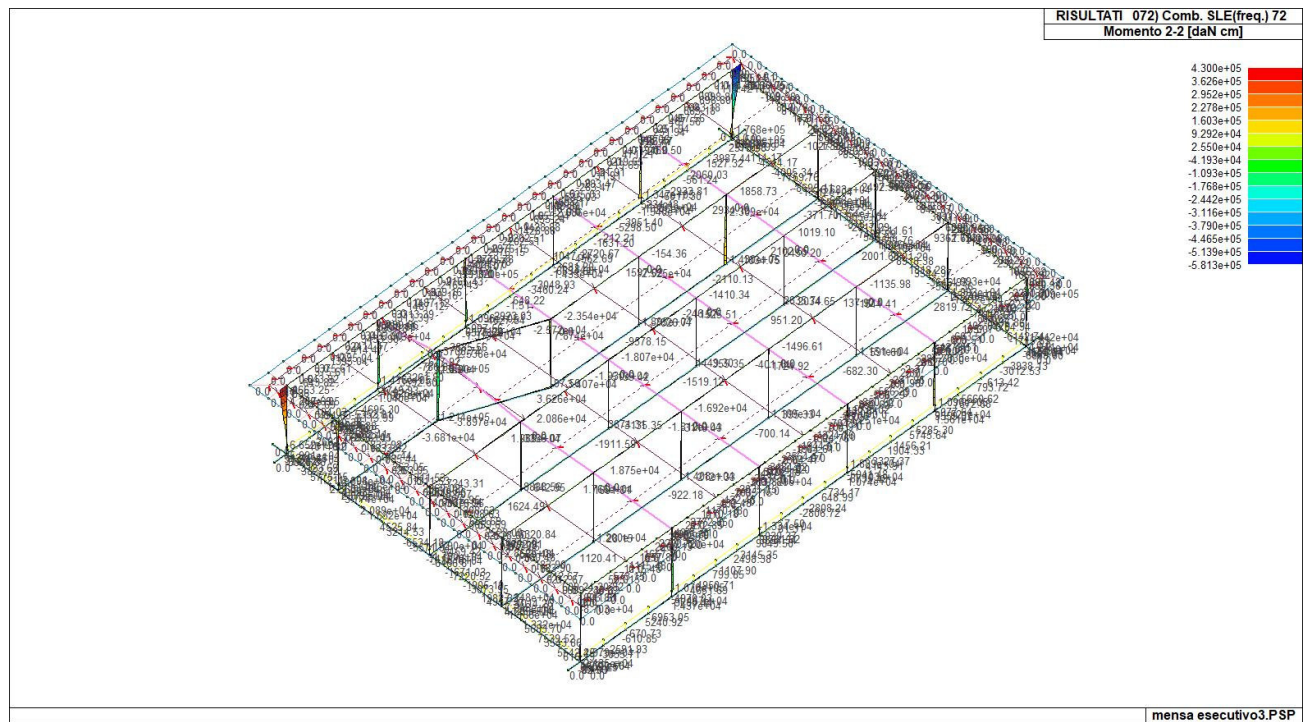
43_RIS_M2_070_Comb. SLE(rara) 70



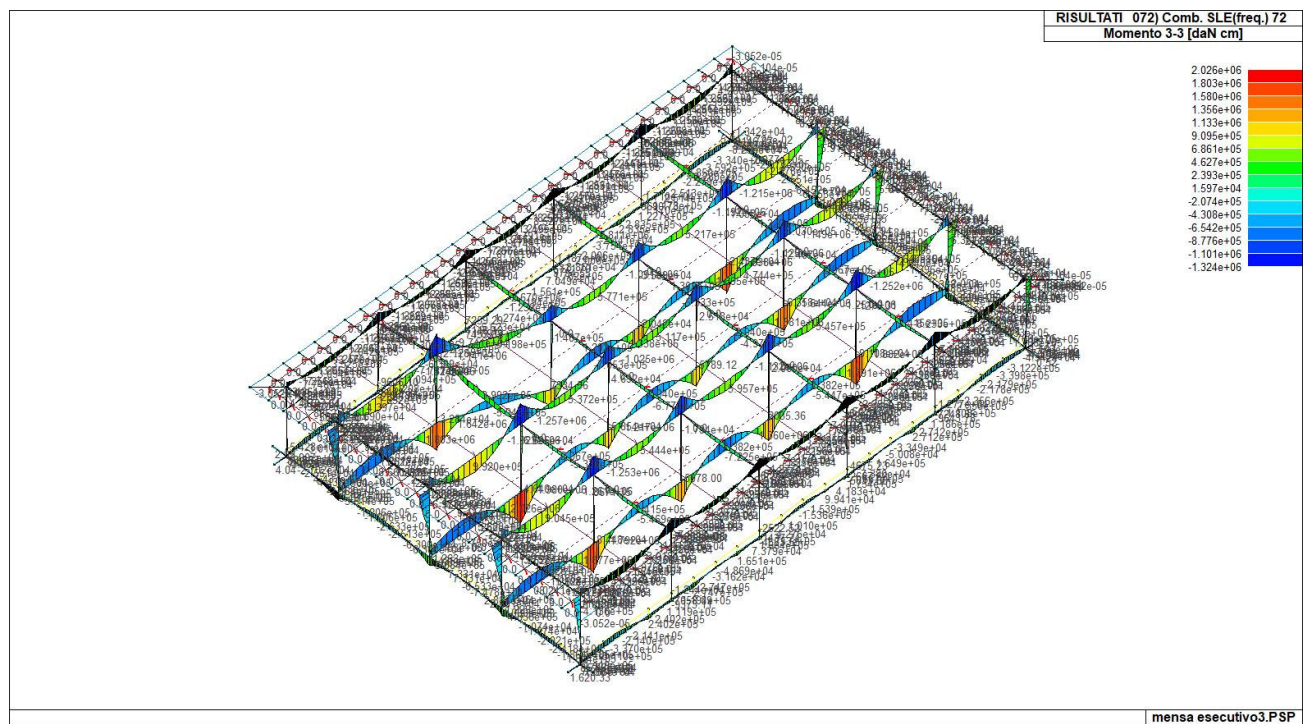
43_RIS_M3_070_Comb. SLE(rara) 70



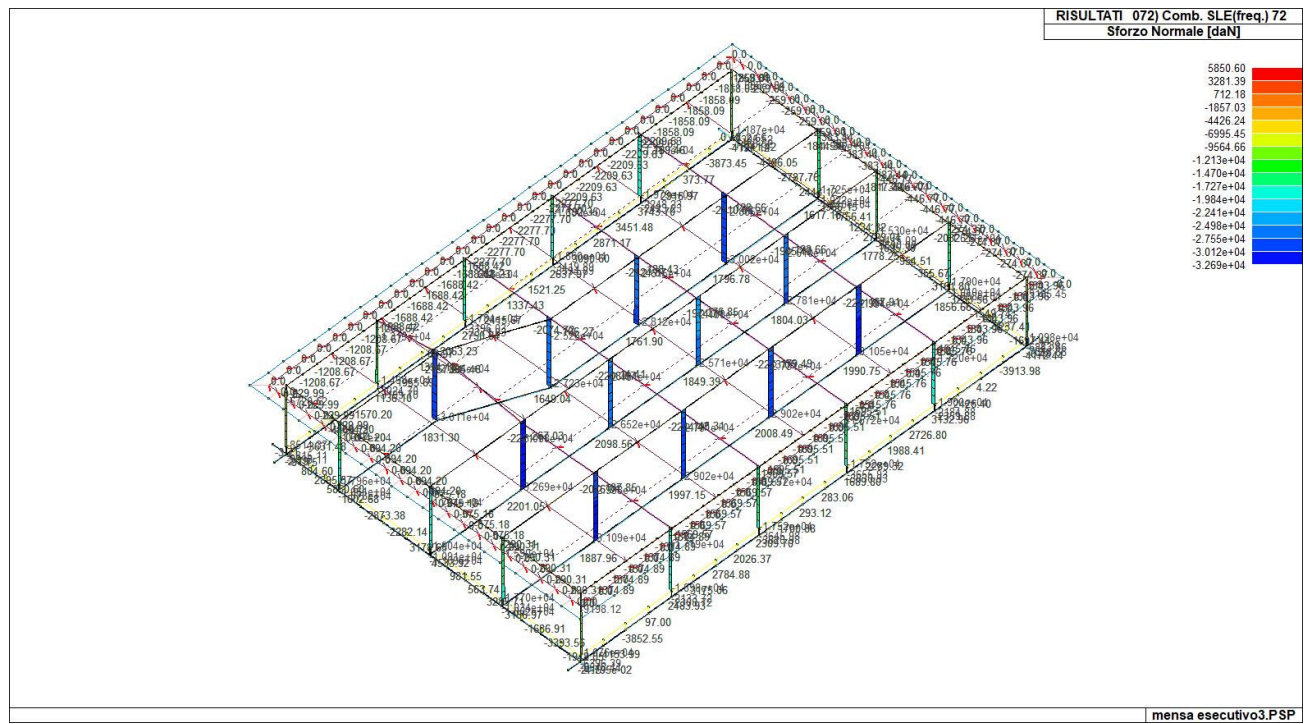
43_RIS_N_070_Comb. SLE(rara) 70



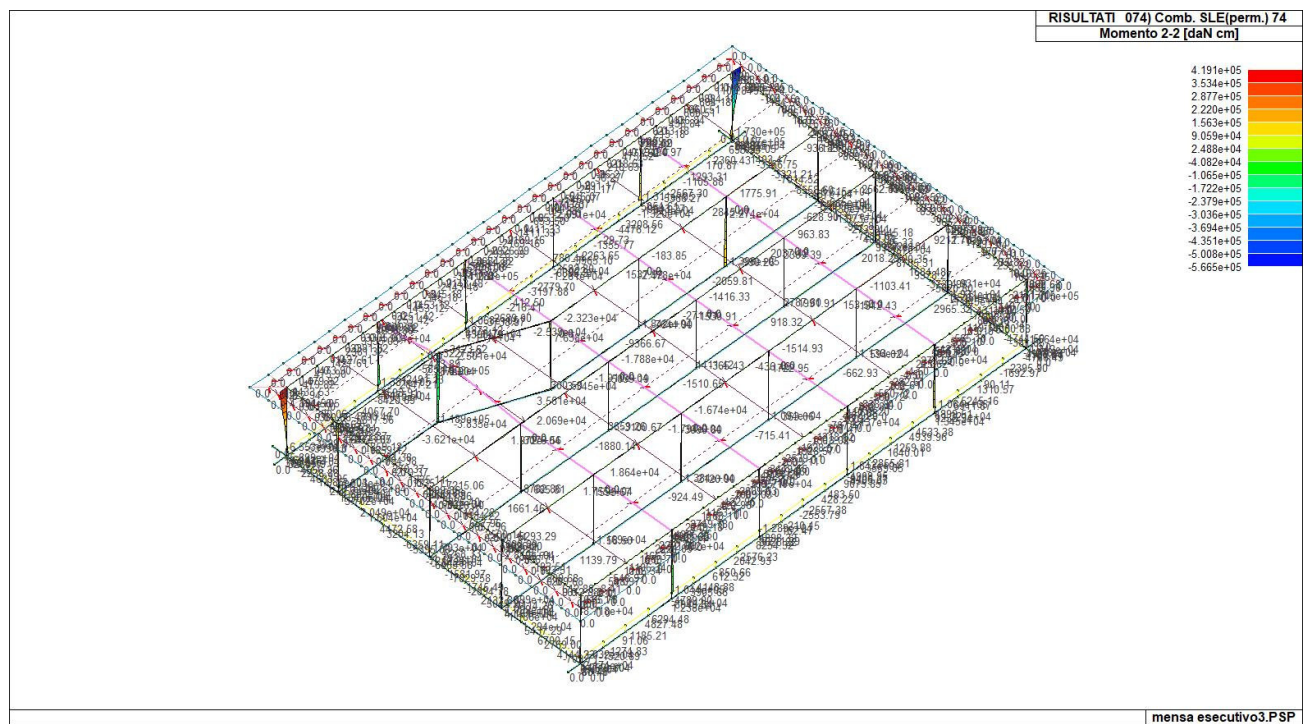
43_RIS_M2_072_Comb. SLE(freq.) 72



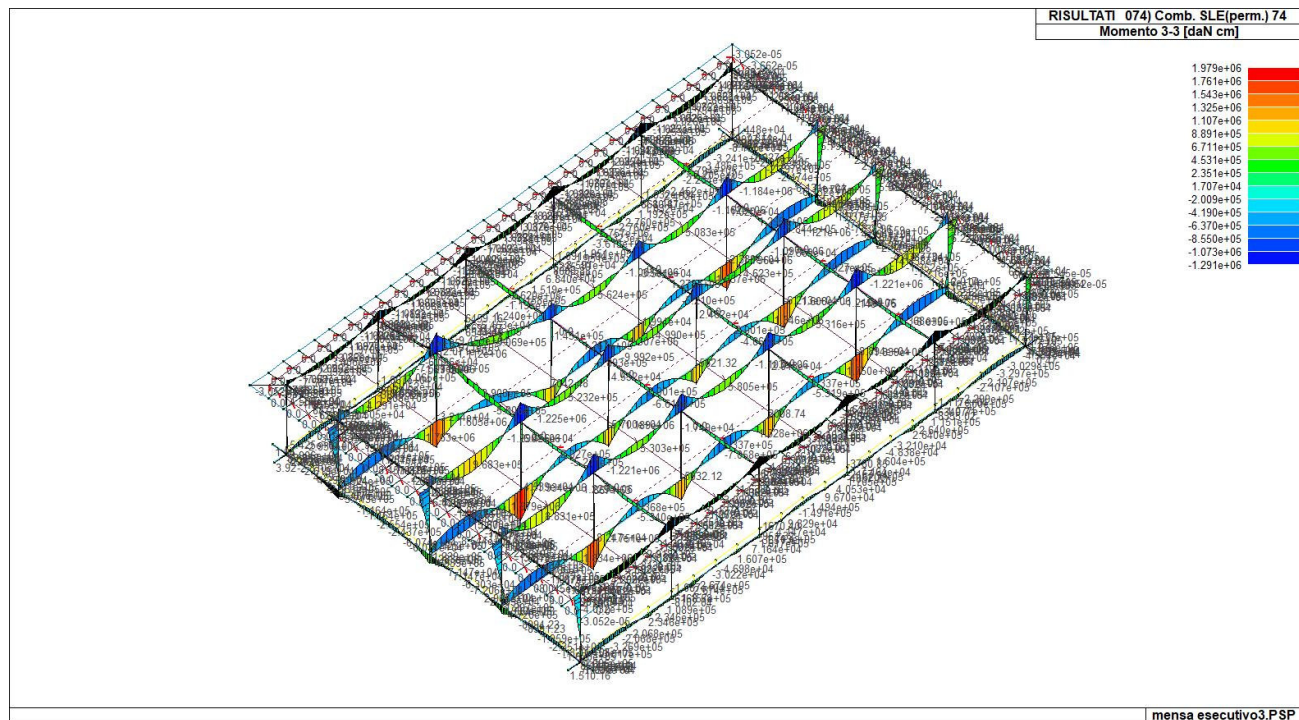
43_RIS_M3_072_Comb. SLE(freq.) 72



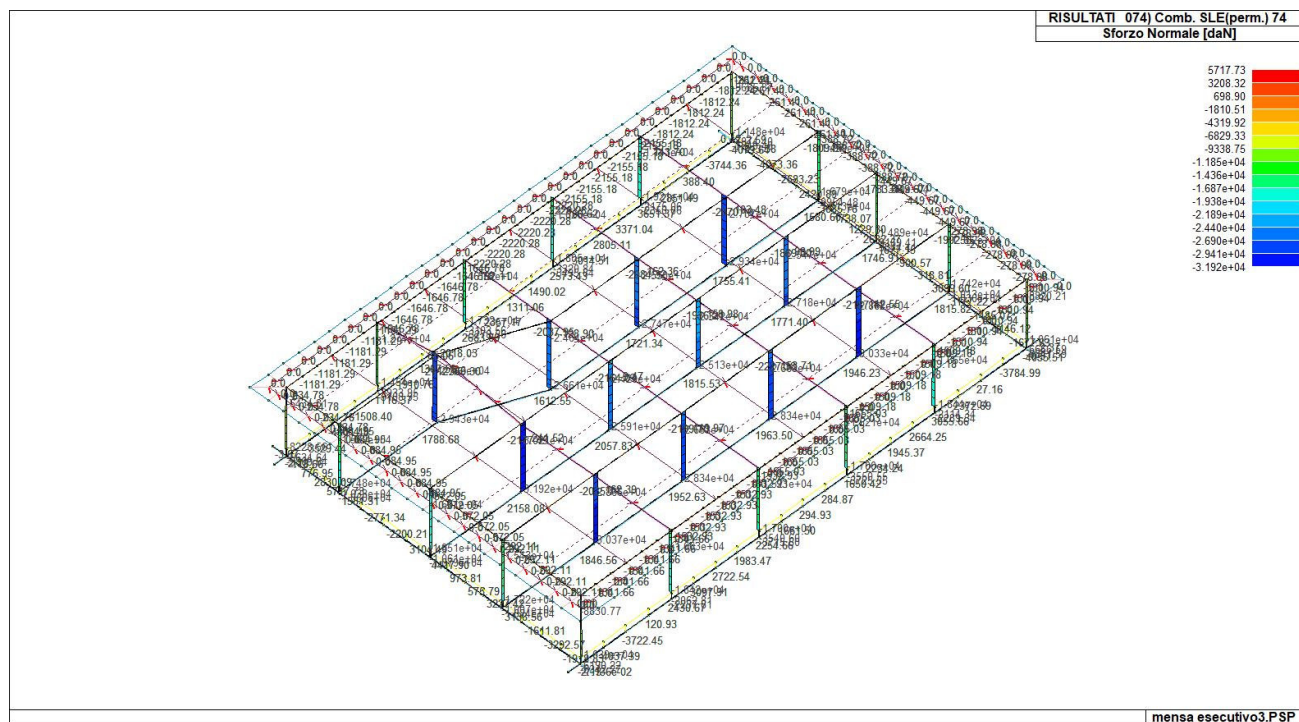
43_RIS_N_072_Comb. SLE(freq.) 72



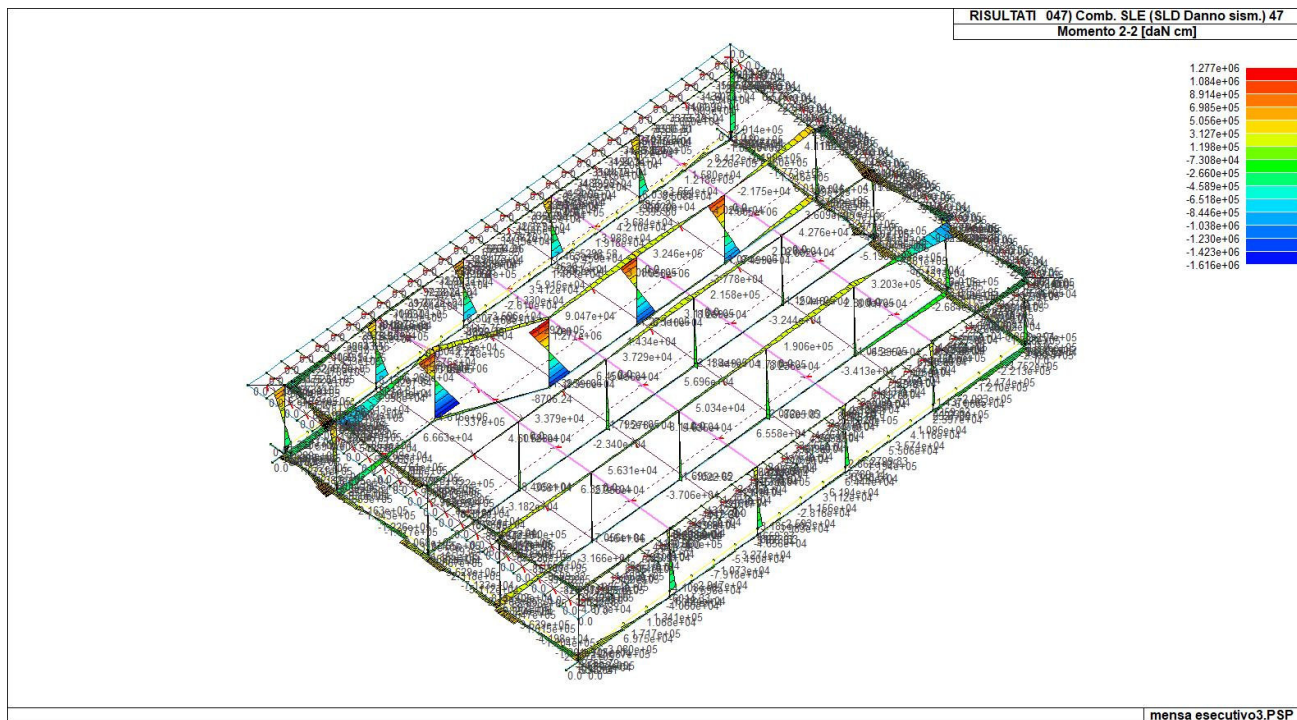
43_RIS_M2_074_Comb. SLE(perm.) 74



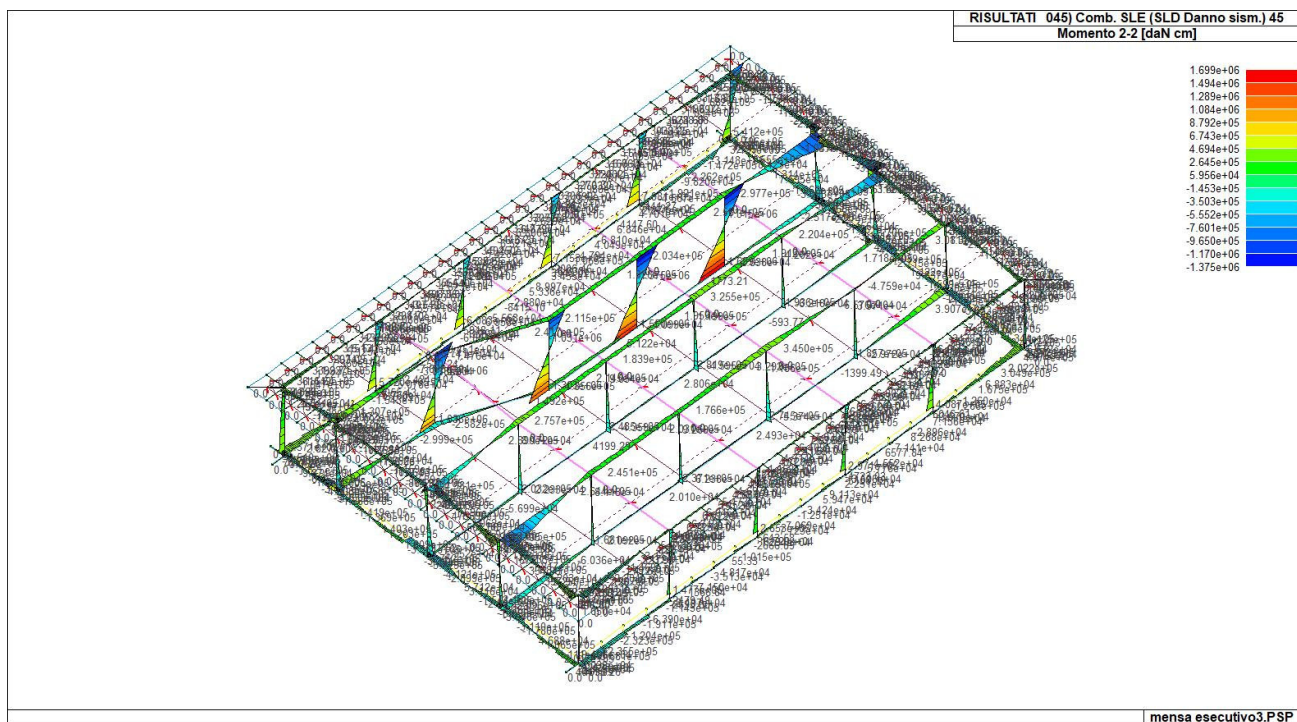
43_RIS_M3_074_Comb. SLE(perm.) 74



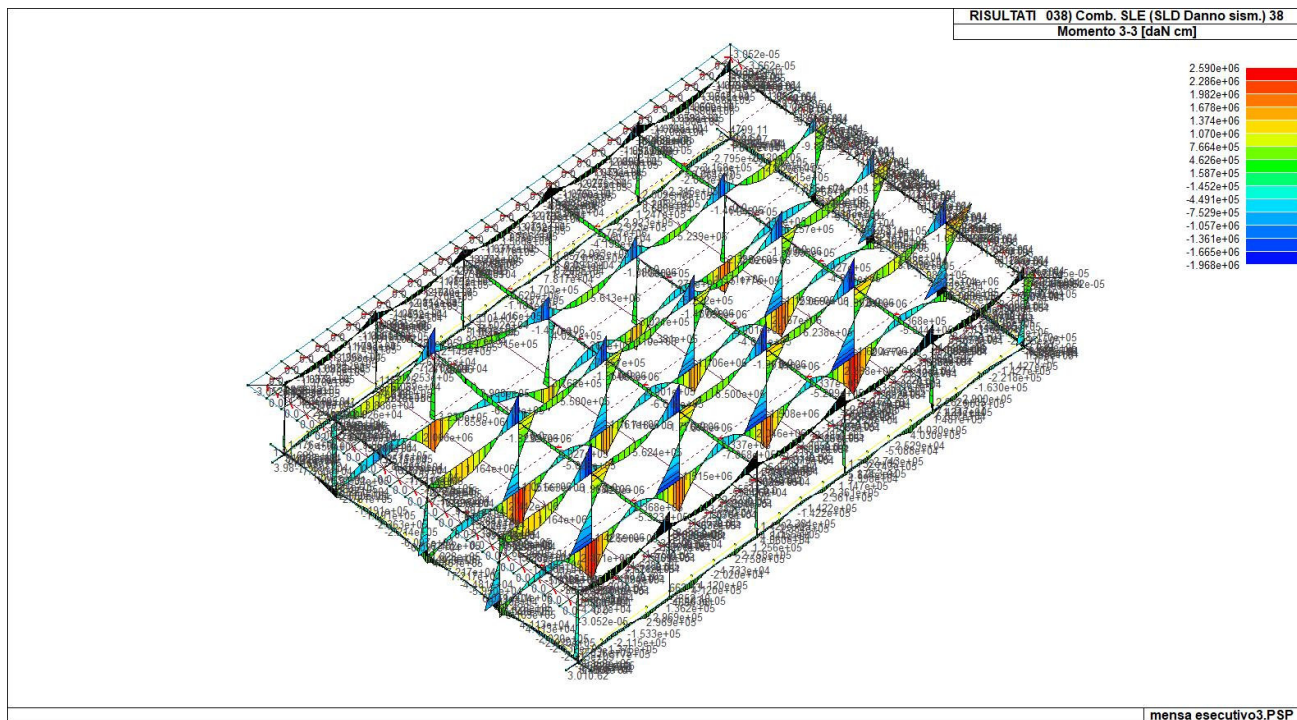
43_RIS_N_074_Comb. SLE(perm.) 74



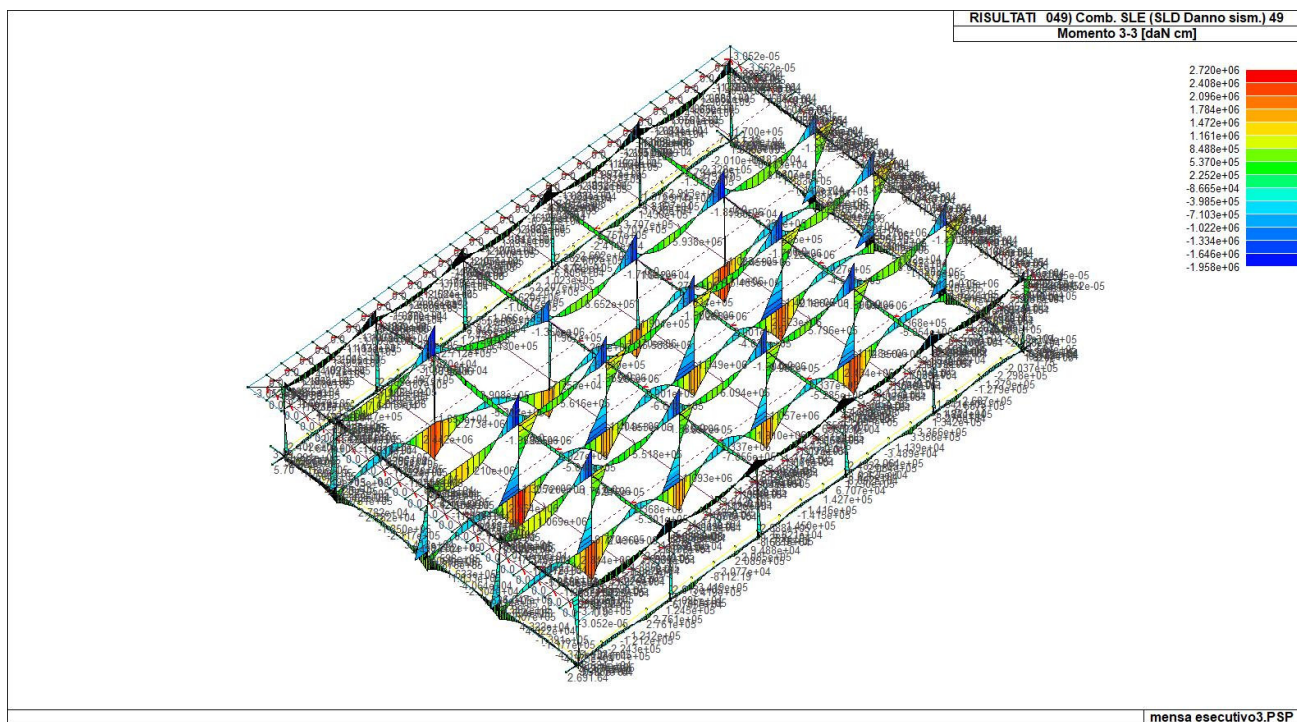
43_RIS_M2_047_Comb. SLE (SLD Danno sism.) 47



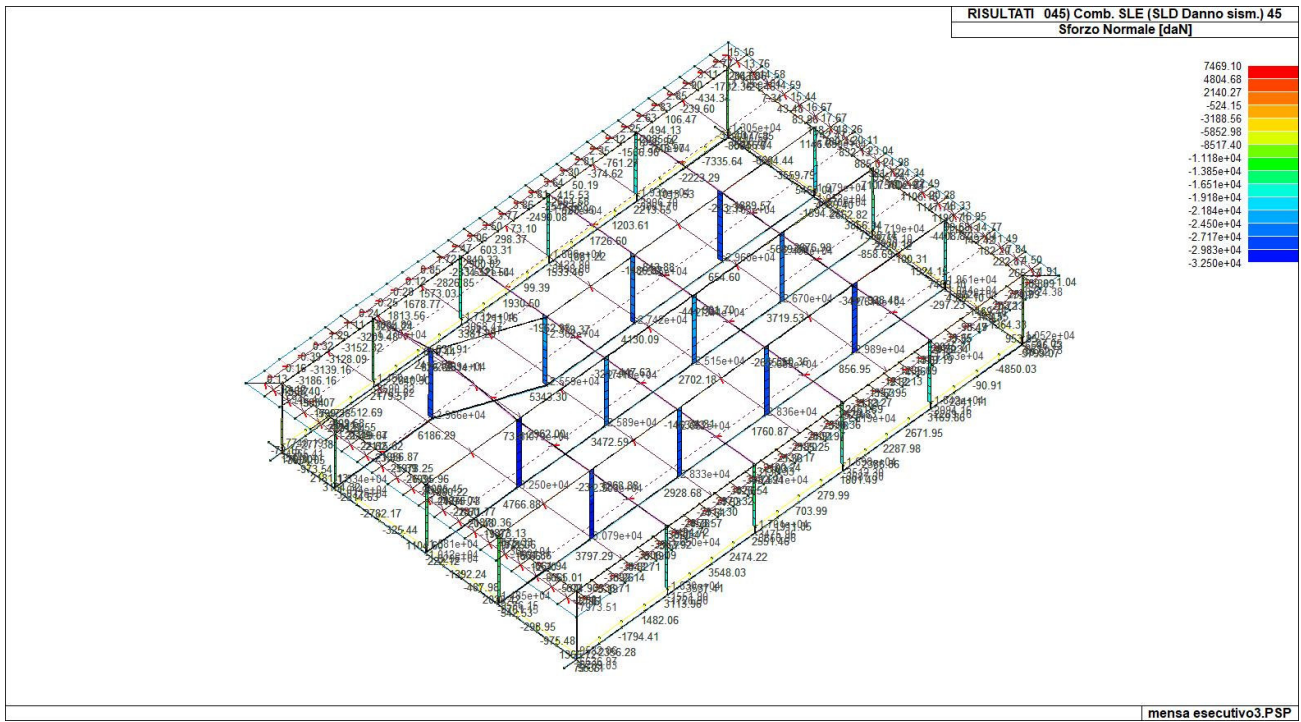
43_RIS_M2_045_Comb. SLE (SLD Danno sism.) 45



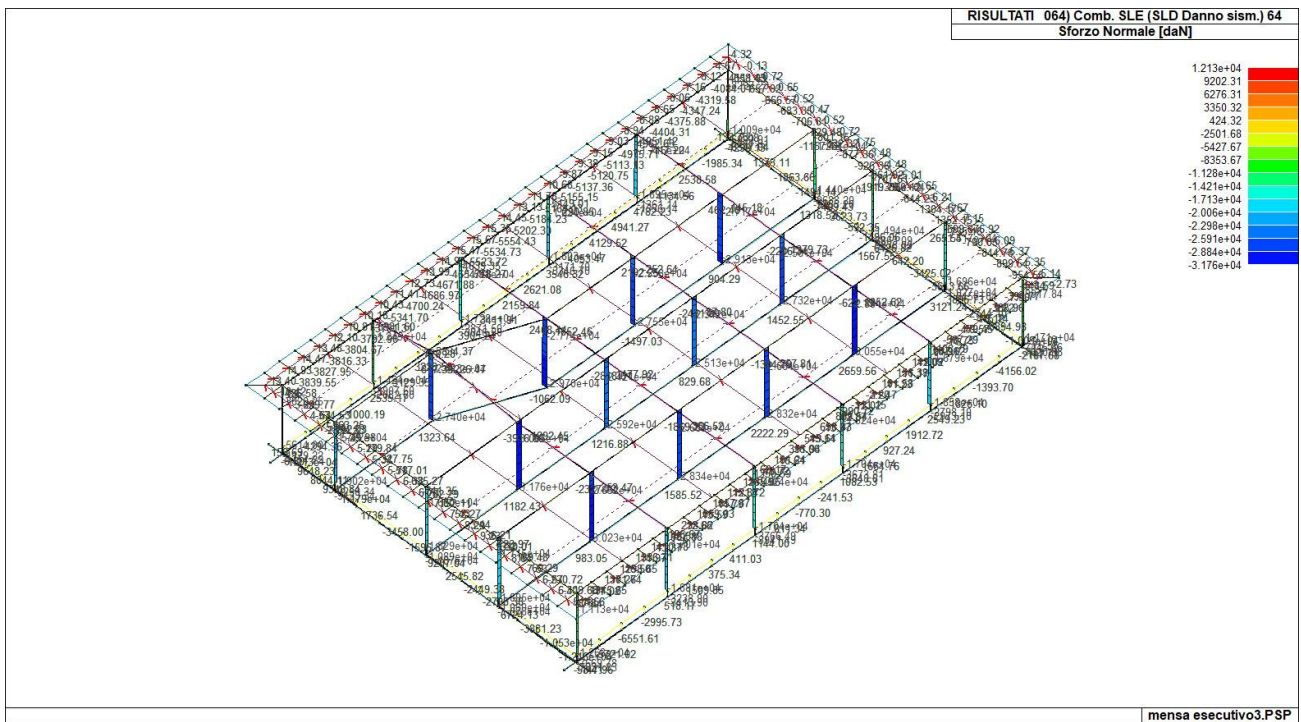
43_RIS_M3_038_Comb. SLE (SLD Danno sism.) 38



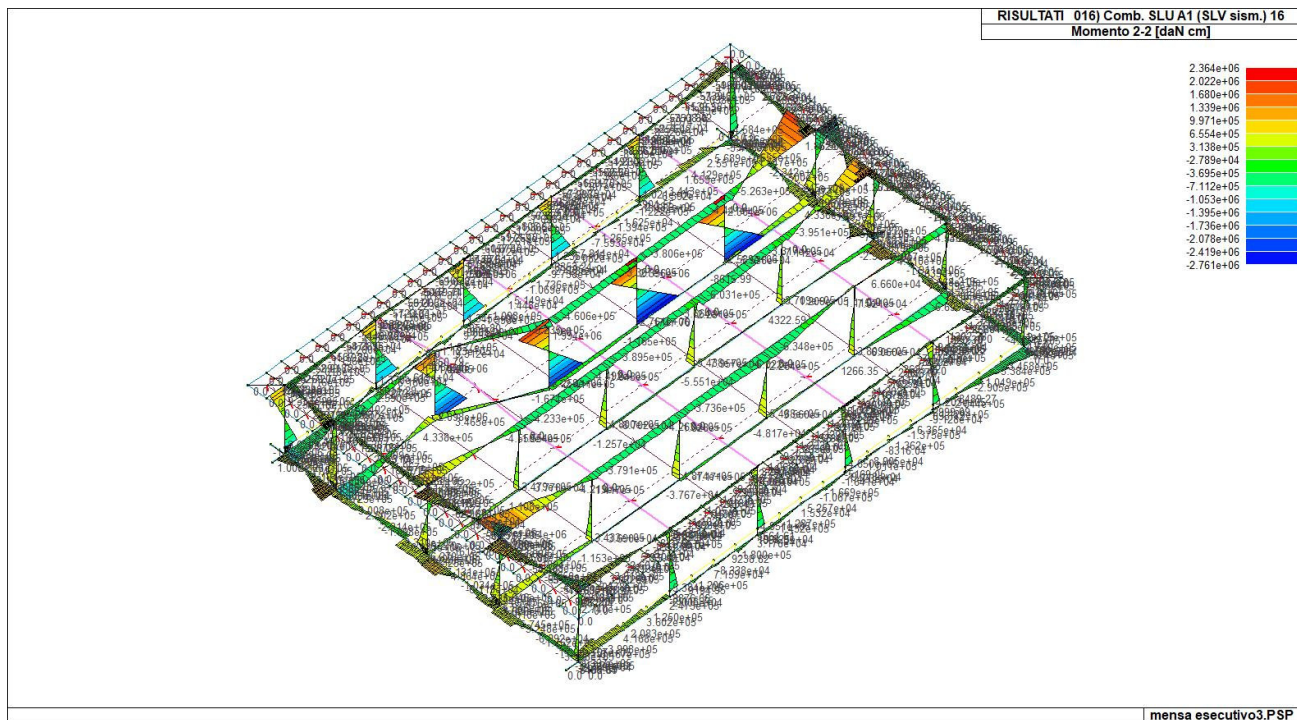
43_RIS_M3_049_Comb. SLE (SLD Danno sism.) 49



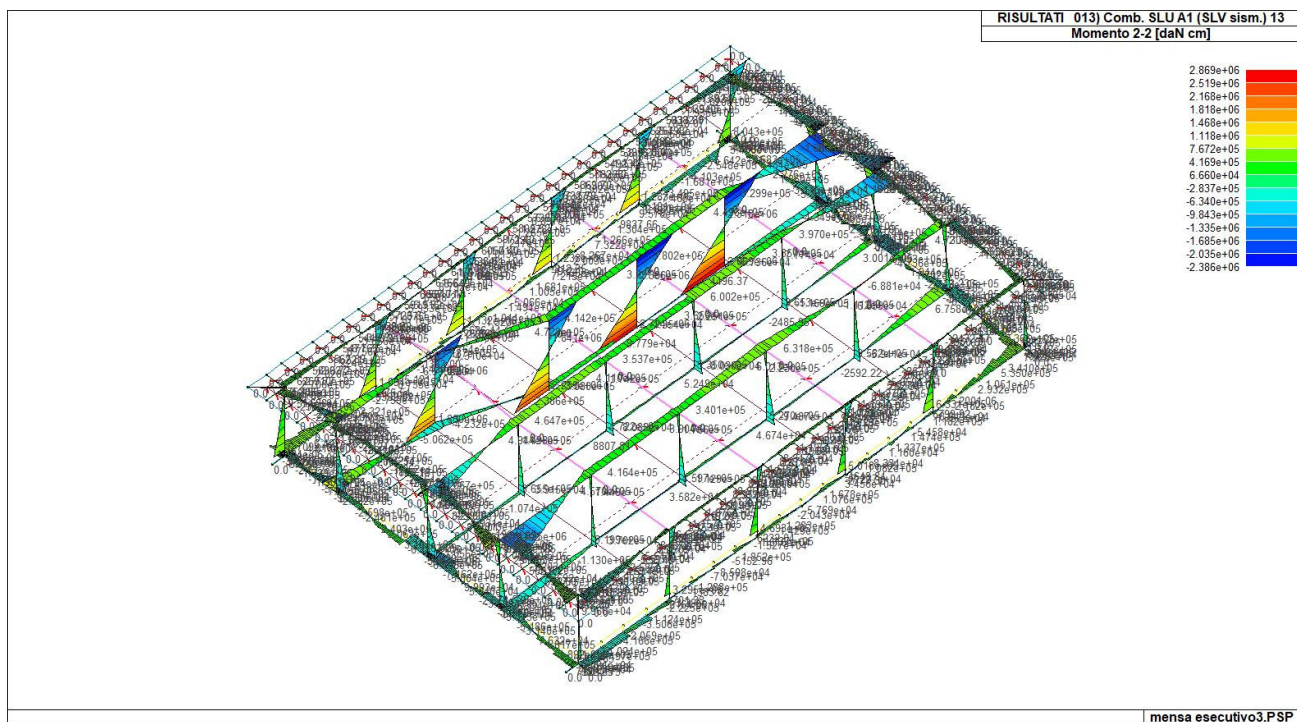
43_RIS_N_045_Comb. SLE (SLD Danno sism.) 45



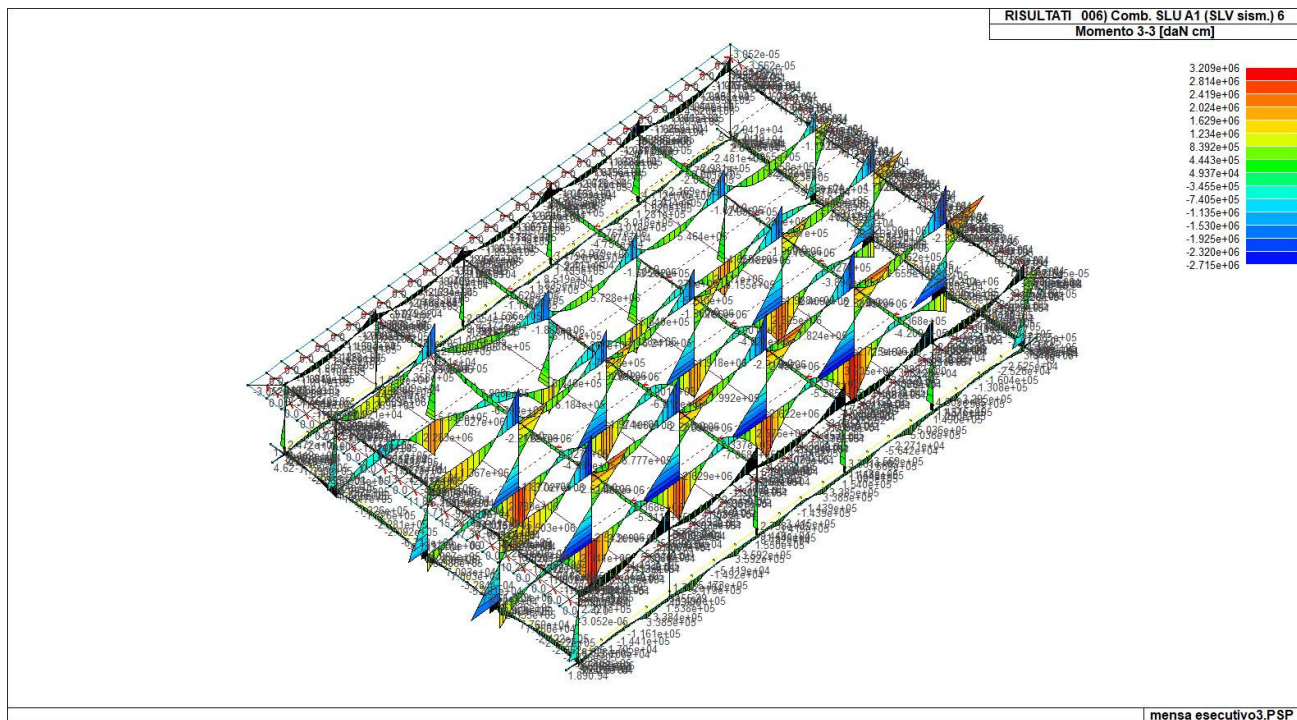
43_RIS_N_064_Comb. SLE (SLD Danno sism.) 64



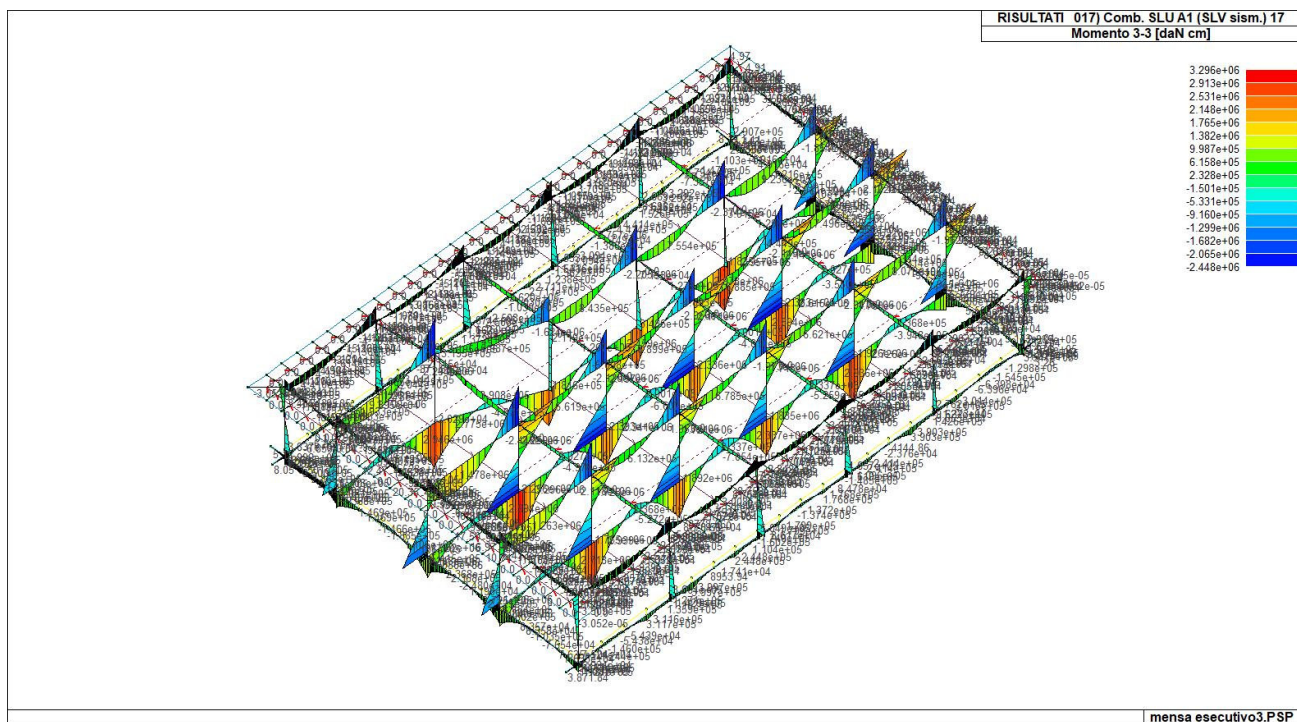
43_RIS_M2_016_Comb. SLU A1 (SLV sism.) 16



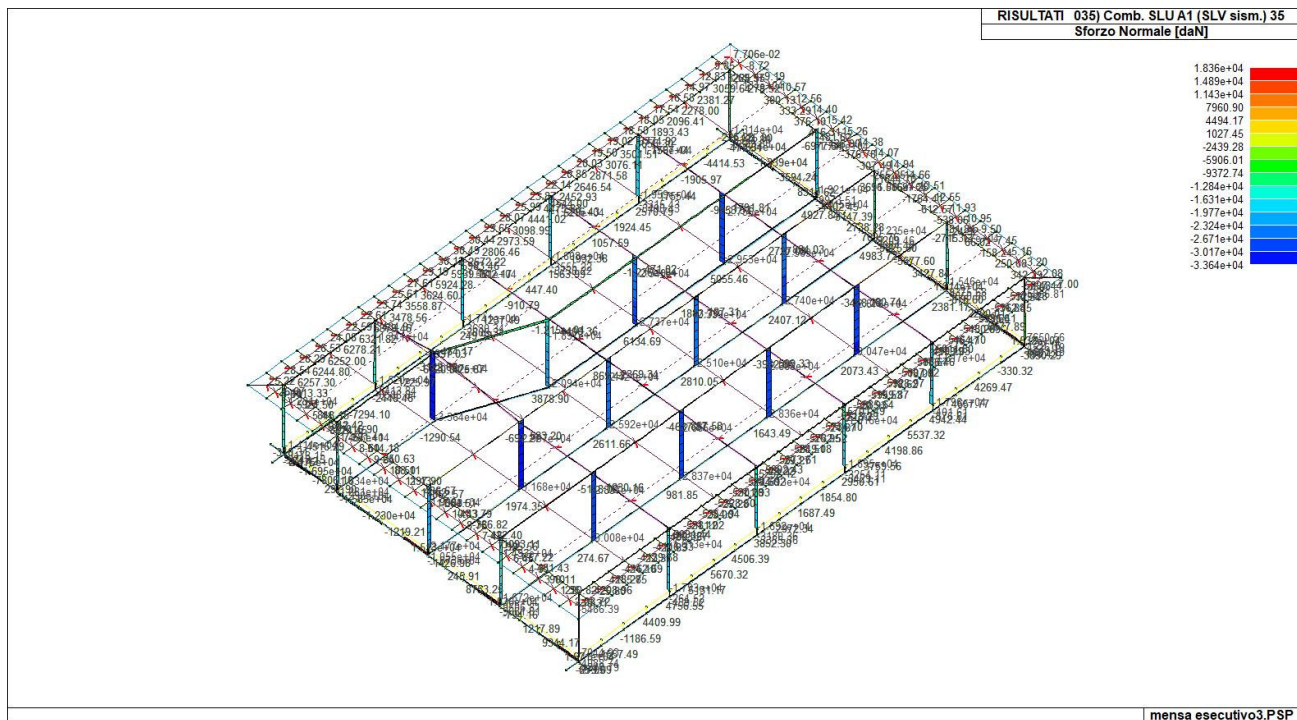
43_RIS_M2_013_Comb. SLU A1 (SLV sism.) 13



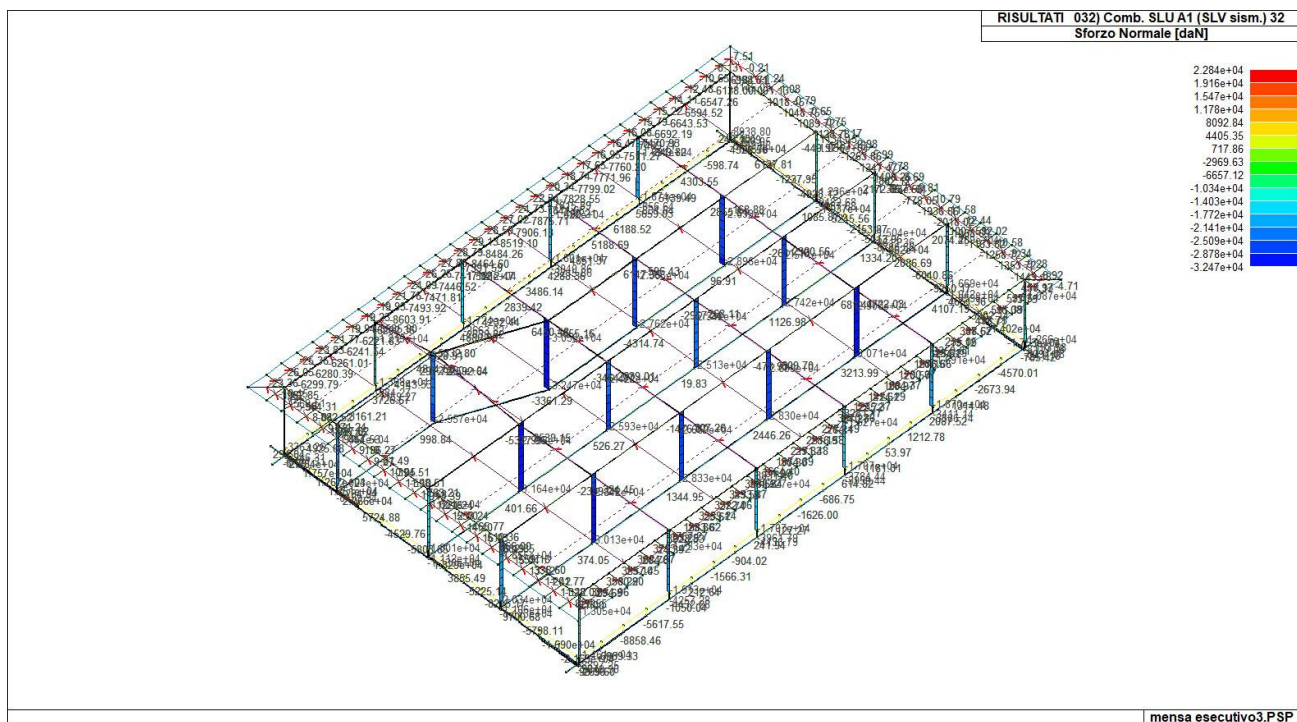
43_RIS_M3_006_Comb. SLU A1 (SLV sism.) 6



43_RIS_M3_017_Comb. SLU A1 (SLV sism.) 17



43_RIS_N_035_Comb. SLU A1 (SLV sism.) 35

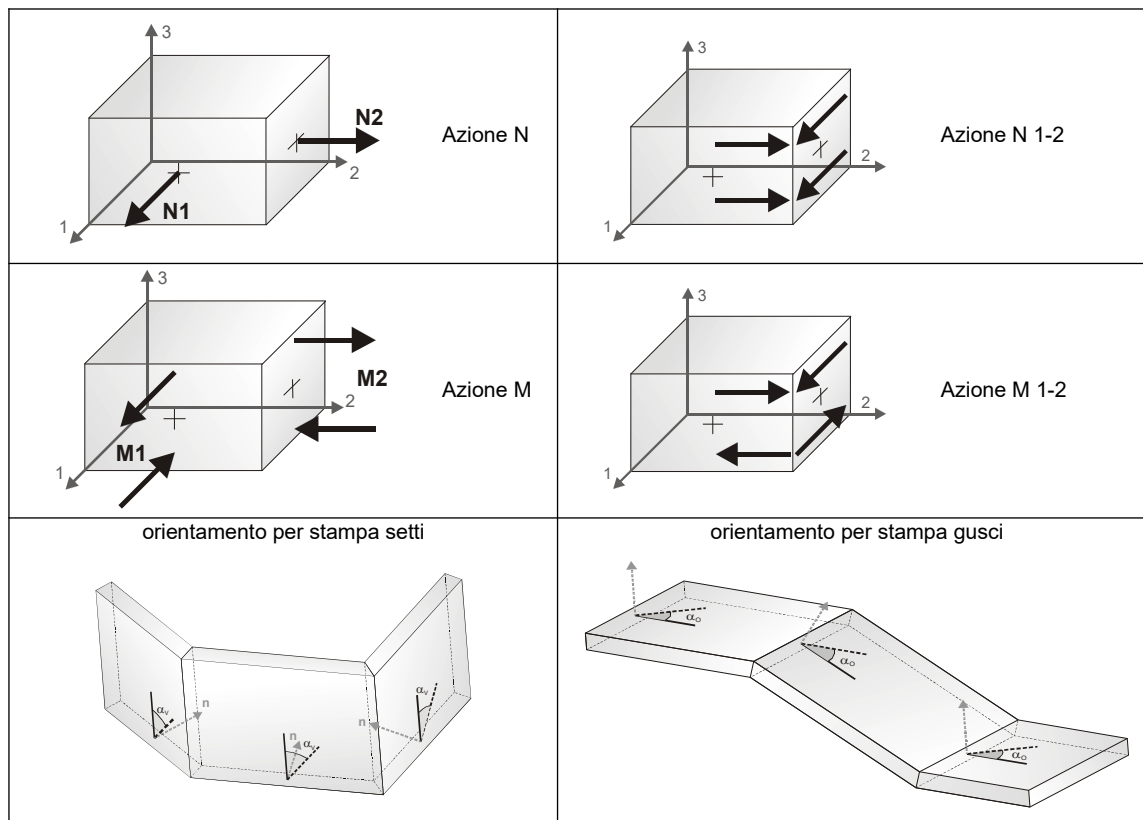


43_RIS_N_032_Comb. SLU A1 (SLV sism.) 32

RISULTATI ELEMENTI TIPO SHELL

LEGENDA RISULTATI ELEMENTI TIPO SHELL

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo shell, è possibile in relazione alle tabelle sottoportate. Per ogni elemento, e per ogni combinazione(o caso di carico) vengono riportati i risultati più significativi.



In particolare vengono riportati in ogni nodo di un elemento per ogni combinazione:

tensione di Von Mises		(valore riassuntivo del complessivo stato di sollecitazione)
N max		sforzo membranale principale massimo
N min		sforzo membranale principale minimo
M max		sforzo flessionale principale massimo
M min		sforzo flessionale principale minimo
N1	N2	sforzi membranali e flessionali in direzione locale 1 e 2 dell'elemento (lo sforzo 2-1 è uguale allo sforzo 1-2 per la reciprocità delle tensioni tangenziali)
N1-2	M1	
M2	M1-2	

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.

In questo caso gli elementi vengono raggruppati in gruppi (M_S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi.

I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di α_o attorno all'asse Z per i gusci e ruotata di α_v attorno alla normale (che per definizione è orizzontale) al piano del setto.

Per i setti, in particolare, se α_v è zero, l'asse '1-1' rappresenta la verticale e l'asse '2-2' l'orizzontale contenuta nel setto.

Le azioni sui setti possono essere espresse anche con formato macro, cioè riferite all'intero macroelemento.

In particolare vengono riportati per ogni quota Z dei nodi e per ogni combinazione i seguenti valori:

N memb.	Azione membranale complessiva agente sulla parete in direzione Z
V memb.	Azione complessiva di taglio agente nel piano del macroelemento
V orto	Azione complessiva di taglio agente in direzione perpendicolare al macroelemento
M memb.	Azione flessionale complessiva agente nel piano del macroelemento
M orto	Azione flessionale complessiva agente in direzione perpendicolare al macroelemento
T	Azione torsionale complessiva agente nel piano orizzontale

Macro	Tipo	Angolo 1-Z (gradi)
1	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
1	1	0.0	-5.137e+04	-11.58	-475.02	2.733e+05	-1.065e+04	-1.420e+04
1	1	40.00	-5.259e+04	18.87	-475.02	3.421e+05	8453.29	-5402.75
1	2	0.0	-5.993e+04	-10.07	-727.46	3.543e+05	-4.013e+04	-1.307e+04
1	2	40.00	-6.142e+04	35.89	-727.46	4.378e+05	-9209.17	-3695.49
1	3	0.0	-3.952e+04	-8.91	-365.40	2.102e+05	-8192.06	-1.092e+04
1	3	40.00	-4.045e+04	14.52	-365.40	2.632e+05	6502.53	-4155.96
1	6	0.0	-4.405e+04	7.517e+04	-546.50	-3.552e+06	8.081e+05	-5.196e+05
1	6	40.00	-4.504e+04	7.520e+04	-546.50	-3.496e+06	8.551e+05	-5.151e+05
1	9	0.0	-3.825e+04	7.523e+04	-1.098e+04	-3.430e+06	-1.168e+06	-5.081e+05
1	9	40.00	-3.924e+04	7.525e+04	-1.098e+04	-3.374e+06	-1.091e+06	-4.977e+05
1	26	0.0	-5.098e+04	7944.13	1.742e+04	-2.116e+06	3.217e+06	-2.946e+05
1	26	40.00	-5.197e+04	7970.66	1.742e+04	-2.060e+06	3.187e+06	-2.915e+05
1	27	0.0	-3.147e+04	-7961.34	-1.825e+04	2.569e+06	-3.245e+06	2.732e+05
1	27	40.00	-3.246e+04	-7934.81	-1.825e+04	2.625e+06	-3.181e+06	2.838e+05
1	38	0.0	-4.274e+04	4.324e+04	-594.78	-1.933e+06	4.203e+05	-2.936e+05
1	38	40.00	-4.373e+04	4.326e+04	-594.78	-1.877e+06	4.545e+05	-2.860e+05
1	41	0.0	-3.962e+04	4.327e+04	-6169.07	-1.861e+06	-6.340e+05	-2.880e+05
1	41	40.00	-4.061e+04	4.329e+04	-6169.07	-1.805e+06	-5.838e+05	-2.773e+05
1	58	0.0	-4.649e+04	4540.33	9134.60	-1.077e+06	1.709e+06	-1.653e+05
1	58	40.00	-4.748e+04	4566.86	9134.60	-1.022e+06	1.700e+06	-1.561e+05
1	59	0.0	-3.596e+04	-4557.55	-9966.38	1.530e+06	-1.737e+06	1.439e+05
1	59	40.00	-3.695e+04	-4531.02	-9966.38	1.586e+06	-1.694e+06	1.485e+05
1	69	0.0	-3.952e+04	-8.91	-365.40	2.102e+05	-8192.06	-1.092e+04
1	69	40.00	-4.045e+04	14.52	-365.40	2.632e+05	6502.53	-4155.96
1	70	0.0	-4.522e+04	-7.90	-533.70	2.642e+05	-2.784e+04	-1.017e+04
1	70	40.00	-4.634e+04	25.86	-533.70	3.270e+05	-5272.45	-3017.79
1	71	0.0	-3.952e+04	-8.91	-365.40	2.102e+05	-8192.06	-1.092e+04
1	71	40.00	-4.045e+04	14.52	-365.40	2.632e+05	6502.53	-4155.96
1	72	0.0	-4.237e+04	-8.41	-449.55	2.372e+05	-1.802e+04	-1.055e+04
1	72	40.00	-4.340e+04	20.19	-449.55	2.951e+05	615.04	-3586.87
1	73	0.0	-3.952e+04	-8.91	-365.40	2.102e+05	-8192.06	-1.092e+04
1	73	40.00	-4.045e+04	14.52	-365.40	2.632e+05	6502.53	-4155.96
1	74	0.0	-4.123e+04	-8.61	-415.89	2.264e+05	-1.409e+04	-1.070e+04
1	74	40.00	-4.222e+04	17.92	-415.89	2.823e+05	2970.04	-3814.51
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-6.142e+04	-7961.34	-1.825e+04	-3.552e+06	-3.245e+06	-5.196e+05
			-3.147e+04	7.525e+04	1.742e+04	2.625e+06	3.217e+06	2.838e+05

Macro	Tipo	Angolo 1-Z (gradi)
2	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
2	2	0.0	-3.919e+04	606.68	-1824.81	1.533e+05	-5.147e+05	-4558.50
2	2	40.00	-4.436e+04	-119.30	-1824.81	1.063e+05	-3.854e+05	8953.02
2	3	0.0	-2.607e+04	411.47	-1291.07	1.024e+05	-3.565e+05	-2949.99
2	3	40.00	-2.944e+04	-135.38	-1291.07	7.390e+04	-2.667e+05	6170.89
2	5	0.0	-4.073e+04	-6.939e+04	6923.05	1.743e+06	-3.512e+06	-5.886e+04
2	5	40.00	-4.426e+04	-6.993e+04	6923.05	1.713e+06	-3.400e+06	-2.890e+05
2	8	0.0	-1.352e+04	7.024e+04	-9563.77	-1.530e+06	2.779e+06	5.267e+04
2	8	40.00	-1.705e+04	6.969e+04	-9563.77	-1.561e+06	2.851e+06	3.017e+05
2	24	0.0	-2.162e+04	2.072e+05	-5955.04	-6.771e+05	8.950e+05	1.017e+06
2	24	40.00	-2.515e+04	2.066e+05	-5955.04	-7.076e+05	9.660e+05	1.024e+06
2	28	0.0	-2.202e+04	2.054e+05	-7143.14	1.395e+05	9.048e+05	1.126e+06
2	28	40.00	-2.555e+04	2.048e+05	-7143.14	1.090e+05	9.758e+05	1.213e+06
2	37	0.0	-3.493e+04	-3.808e+04	3389.52	1.044e+06	-2.174e+06	-2.421e+04
2	37	40.00	-3.846e+04	-3.863e+04	3389.52	1.014e+06	-2.070e+06	-1.540e+05
2	40	0.0	-1.932e+04	3.893e+04	-6030.23	-8.314e+05	1.440e+06	1.802e+04
2	40	40.00	-2.285e+04	3.838e+04	-6030.23	-8.618e+05	1.521e+06	1.667e+05
2	56	0.0	-2.403e+04	1.125e+05	-3874.15	-3.483e+05	3.454e+05	5.341e+05
2	56	40.00	-2.756e+04	1.119e+05	-3874.15	-3.787e+05	4.260e+05	5.458e+05
2	60	0.0	-2.426e+04	1.114e+05	-4561.77	1.207e+05	3.519e+05	5.952e+05
2	60	40.00	-2.779e+04	1.108e+05	-4561.77	9.025e+04	4.325e+05	6.537e+05
2	69	0.0	-2.607e+04	411.47	-1291.07	1.024e+05	-3.565e+05	-2949.99

2	69	40.00	-2.944e+04	-135.38	-1291.07	7.390e+04	-2.667e+05	6170.89
2	70	0.0	-2.960e+04	459.32	-1388.69	1.159e+05	-3.907e+05	-3432.33
2	70	40.00	-3.350e+04	-97.59	-1388.69	8.074e+04	-2.925e+05	6791.46
2	71	0.0	-2.607e+04	411.47	-1291.07	1.024e+05	-3.565e+05	-2949.99
2	71	40.00	-2.944e+04	-135.38	-1291.07	7.390e+04	-2.667e+05	6170.89
2	72	0.0	-2.783e+04	435.39	-1339.88	1.091e+05	-3.736e+05	-3191.16
2	72	40.00	-3.147e+04	-116.48	-1339.88	7.732e+04	-2.796e+05	6481.18
2	73	0.0	-2.607e+04	411.47	-1291.07	1.024e+05	-3.565e+05	-2949.99
2	73	40.00	-2.944e+04	-135.38	-1291.07	7.390e+04	-2.667e+05	6170.89
2	74	0.0	-2.713e+04	425.82	-1320.36	1.064e+05	-3.668e+05	-3094.69
2	74	40.00	-3.065e+04	-124.04	-1320.36	7.595e+04	-2.744e+05	6357.06

M_S		N memb.	V memb.	V orto	M memb.	M orto	T
		-4.436e+04	-6.993e+04	-9563.77	-1.561e+06	-3.512e+06	-2.890e+05
		-1.352e+04	2.072e+05	6923.05	1.743e+06	2.851e+06	1.213e+06

Macro	Tipo	Angolo 1-Z (gradi)
3	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
3	2	0.0	-5.835e+04	722.46	642.00	-3.810e+06	2.364e+04	2.639e+05
3	2	40.00	-6.002e+04	1716.63	642.00	-3.232e+06	-4368.33	2.127e+05
3	3	0.0	-3.851e+04	476.09	312.92	-2.460e+06	-2475.61	1.701e+05
3	3	40.00	-3.956e+04	1142.22	312.92	-2.088e+06	-1.602e+04	1.369e+05
3	14	0.0	-3.712e+04	5.807e+04	361.67	-4.316e+06	5.662e+05	1.899e+05
3	14	40.00	-3.823e+04	5.876e+04	361.67	-3.925e+06	7.213e+05	1.943e+05
3	29	0.0	-5.051e+04	7632.18	-1.282e+04	5.752e+05	-3.319e+06	-7.127e+05
3	29	40.00	-5.161e+04	8323.95	-1.282e+04	9.663e+05	-3.294e+06	-7.358e+05
3	32	0.0	-2.983e+04	-6638.58	1.354e+04	-5.740e+06	3.325e+06	1.070e+06
3	32	40.00	-3.094e+04	-5946.81	1.354e+04	-5.349e+06	3.268e+06	1.023e+06
3	46	0.0	-3.852e+04	3.368e+04	179.71	-3.594e+06	2.888e+05	1.826e+05
3	46	40.00	-3.963e+04	3.437e+04	179.71	-3.203e+06	3.720e+05	1.719e+05
3	61	0.0	-4.576e+04	4722.45	-6662.93	-8.465e+05	-1.771e+06	-2.995e+05
3	61	40.00	-4.687e+04	5414.22	-6662.93	-4.553e+05	-1.764e+06	-3.225e+05
3	64	0.0	-3.458e+04	-3728.85	7382.85	-4.318e+06	1.776e+06	6.568e+05
3	64	40.00	-3.569e+04	-3037.08	7382.85	-3.927e+06	1.739e+06	6.101e+05
3	69	0.0	-3.851e+04	476.09	312.92	-2.460e+06	-2475.61	1.701e+05
3	69	40.00	-3.956e+04	1142.22	312.92	-2.088e+06	-1.602e+04	1.369e+05
3	70	0.0	-4.404e+04	545.12	469.72	-2.868e+06	1.543e+04	1.986e+05
3	70	40.00	-4.529e+04	1296.72	469.72	-2.433e+06	-5048.60	1.600e+05
3	71	0.0	-3.851e+04	476.09	312.92	-2.460e+06	-2475.61	1.701e+05
3	71	40.00	-3.956e+04	1142.22	312.92	-2.088e+06	-1.602e+04	1.369e+05
3	72	0.0	-4.127e+04	510.60	391.32	-2.664e+06	6477.47	1.843e+05
3	72	40.00	-4.242e+04	1219.47	391.32	-2.260e+06	-1.054e+04	1.485e+05
3	73	0.0	-3.851e+04	476.09	312.92	-2.460e+06	-2475.61	1.701e+05
3	73	40.00	-3.956e+04	1142.22	312.92	-2.088e+06	-1.602e+04	1.369e+05
3	74	0.0	-4.017e+04	496.80	359.96	-2.582e+06	2896.24	1.786e+05
3	74	40.00	-4.128e+04	1188.57	359.96	-2.191e+06	-1.273e+04	1.438e+05

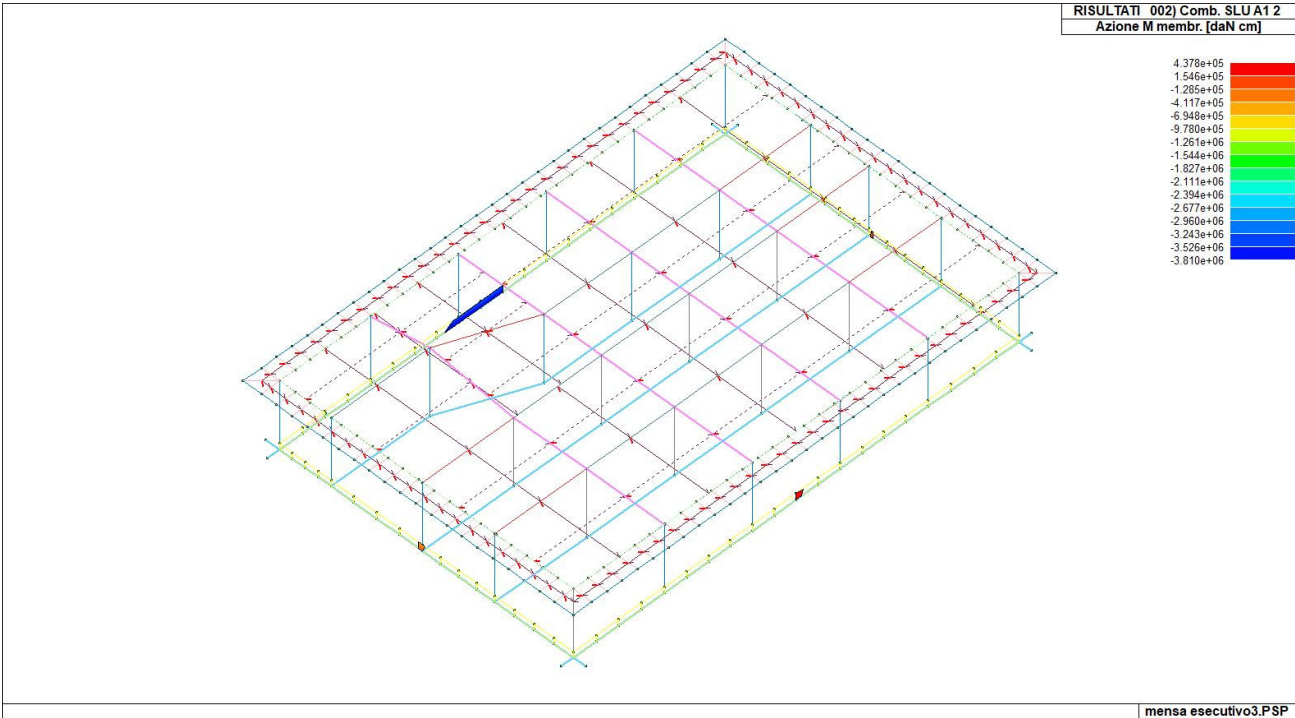
M_S		N memb.	V memb.	V orto	M memb.	M orto	T
		-6.002e+04	-6638.58	-1.282e+04	-5.740e+06	-3.319e+06	-7.358e+05
		-2.983e+04	5.876e+04	1.354e+04	9.663e+05	3.325e+06	1.070e+06

Macro	Tipo	Angolo 1-Z (gradi)
4	Setto	0.0

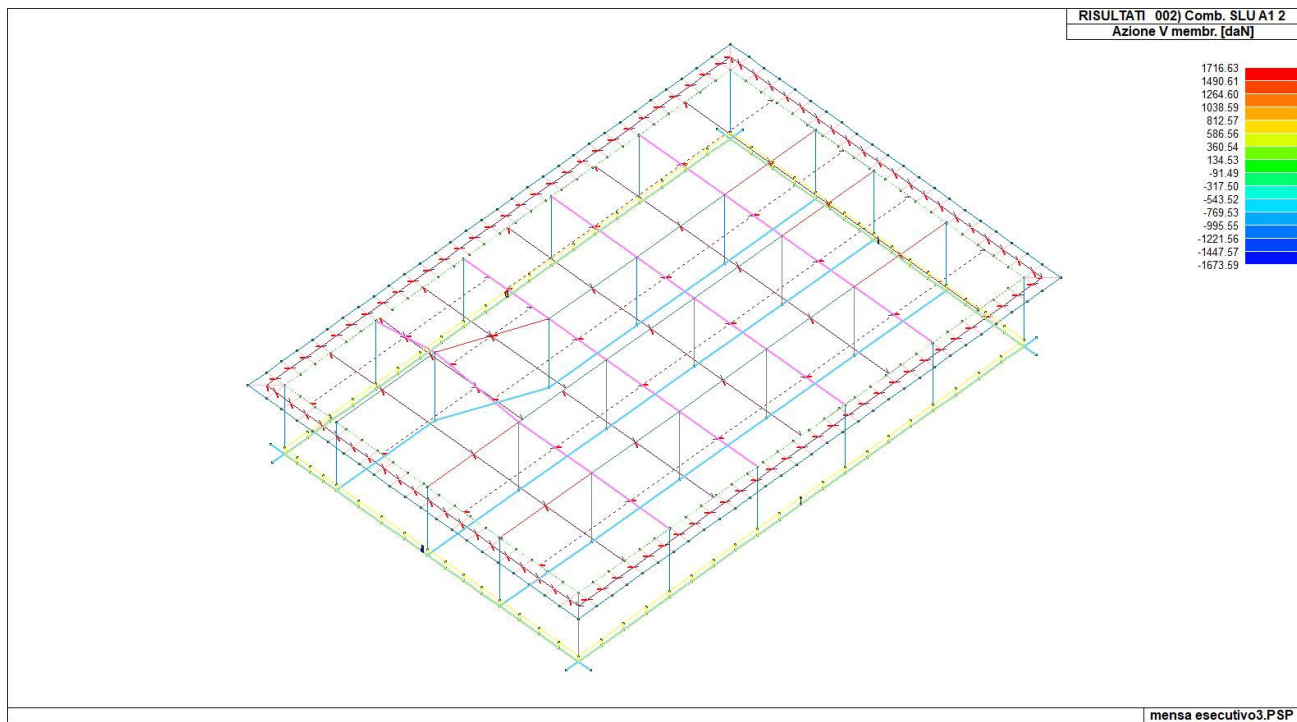
M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
4	2	0.0	-4.036e+04	-1673.59	2959.06	-2.533e+05	5.659e+05	9.649e+04
4	2	40.00	-4.683e+04	-1065.29	2959.06	-4.342e+05	4.092e+05	6.416e+04
4	3	0.0	-2.681e+04	-1166.29	2054.92	-1.974e+05	3.909e+05	6.733e+04
4	3	40.00	-3.104e+04	-735.53	2054.92	-3.349e+05	2.829e+05	4.557e+04
4	5	0.0	-1.412e+04	-4.381e+04	9182.12	-1.166e+06	-2.596e+06	5.954e+05
4	5	40.00	-1.855e+04	-4.337e+04	9182.12	-1.304e+06	-2.729e+06	1.445e+05
4	8	0.0	-4.170e+04	4.141e+04	-4957.22	7.727e+05	3.401e+06	-4.572e+05
4	8	40.00	-4.612e+04	4.185e+04	-4957.22	6.347e+05	3.311e+06	-5.140e+04
4	31	0.0	-3.010e+04	-2.059e+05	-907.03	2.363e+06	1.578e+06	1.145e+06
4	31	40.00	-3.453e+04	-2.054e+05	-907.03	2.225e+06	1.367e+06	1.225e+06
4	35	0.0	-2.970e+04	-2.059e+05	-2547.08	1.621e+06	1.592e+06	1.282e+06
4	35	40.00	-3.412e+04	-2.054e+05	-2547.08	1.483e+06	1.380e+06	1.320e+06
4	37	0.0	-1.999e+04	-2.342e+04	6185.21	-7.691e+05	-1.324e+06	3.548e+05
4	37	40.00	-2.442e+04	-2.298e+04	6185.21	-9.070e+05	-1.448e+06	8.634e+04
4	40	0.0	-3.583e+04	2.103e+04	-1960.31	3.757e+05	2.129e+06	-2.166e+05
4	40	40.00	-4.025e+04	2.147e+04	-1960.31	2.378e+05	2.031e+06	6769.77

4	63	0.0	-2.918e+04	-1.120e+05	391.32	1.233e+06	1.076e+06	6.380e+05
4	63	40.00	-3.361e+04	-1.116e+05	391.32	1.095e+06	9.073e+05	6.759e+05
4	67	0.0	-2.896e+04	-1.119e+05	-557.73	8.066e+05	1.085e+06	7.154e+05
4	67	40.00	-3.338e+04	-1.115e+05	-557.73	6.687e+05	9.156e+05	7.296e+05
4	69	0.0	-2.681e+04	-1166.29	2054.92	-1.974e+05	3.909e+05	6.733e+04
4	69	40.00	-3.104e+04	-735.53	2054.92	-3.349e+05	2.829e+05	4.557e+04
4	70	0.0	-3.048e+04	-1271.23	2246.69	-1.952e+05	4.294e+05	7.330e+04
4	70	40.00	-3.536e+04	-808.26	2246.69	-3.341e+05	3.105e+05	4.885e+04
4	71	0.0	-2.681e+04	-1166.29	2054.92	-1.974e+05	3.909e+05	6.733e+04
4	71	40.00	-3.104e+04	-735.53	2054.92	-3.349e+05	2.829e+05	4.557e+04
4	72	0.0	-2.865e+04	-1218.76	2150.80	-1.963e+05	4.101e+05	7.032e+04
4	72	40.00	-3.320e+04	-771.89	2150.80	-3.345e+05	2.967e+05	4.721e+04
4	73	0.0	-2.681e+04	-1166.29	2054.92	-1.974e+05	3.909e+05	6.733e+04
4	73	40.00	-3.104e+04	-735.53	2054.92	-3.349e+05	2.829e+05	4.557e+04
4	74	0.0	-2.791e+04	-1197.77	2112.45	-1.967e+05	4.024e+05	6.912e+04
4	74	40.00	-3.234e+04	-757.35	2112.45	-3.346e+05	2.912e+05	4.655e+04

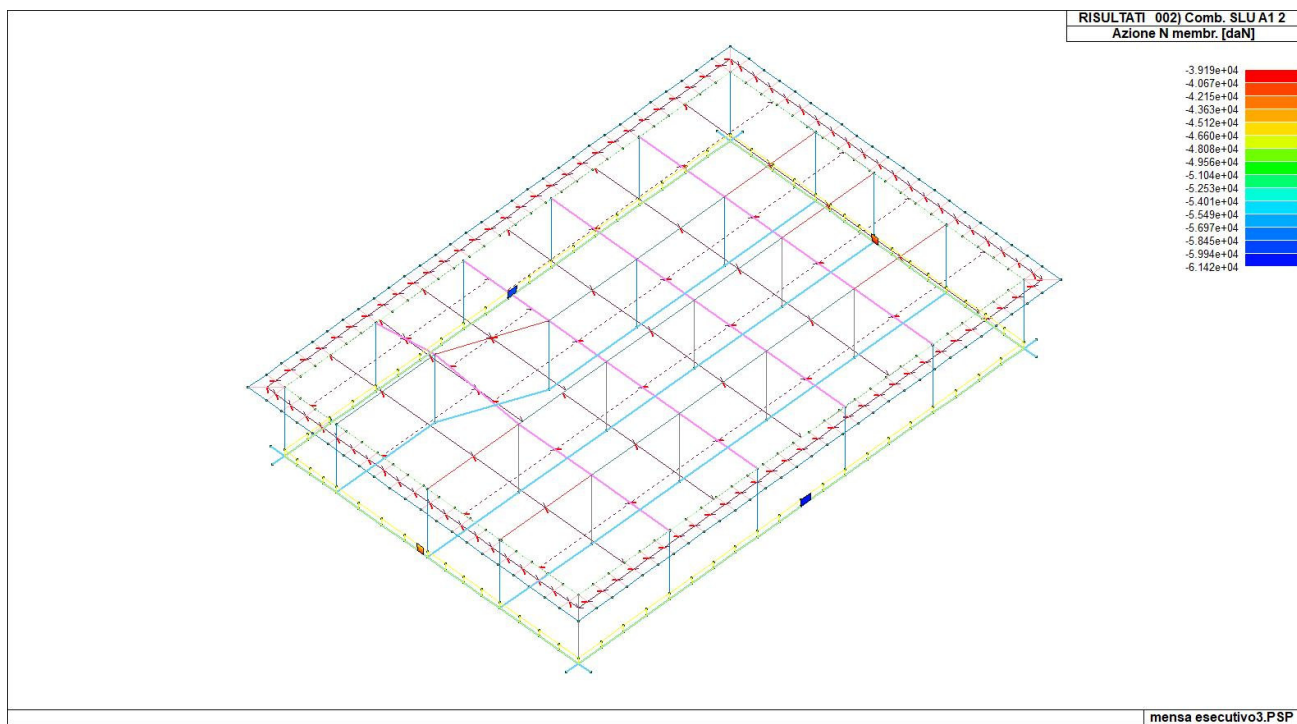
M_S		N memb.	V memb.	V orto	M memb.	M orto	T
		-4.683e+04	-2.059e+05	-4957.22	-1.304e+06	-2.729e+06	-4.572e+05
		-1.412e+04	4.185e+04	9182.12	2.363e+06	3.401e+06	1.320e+06



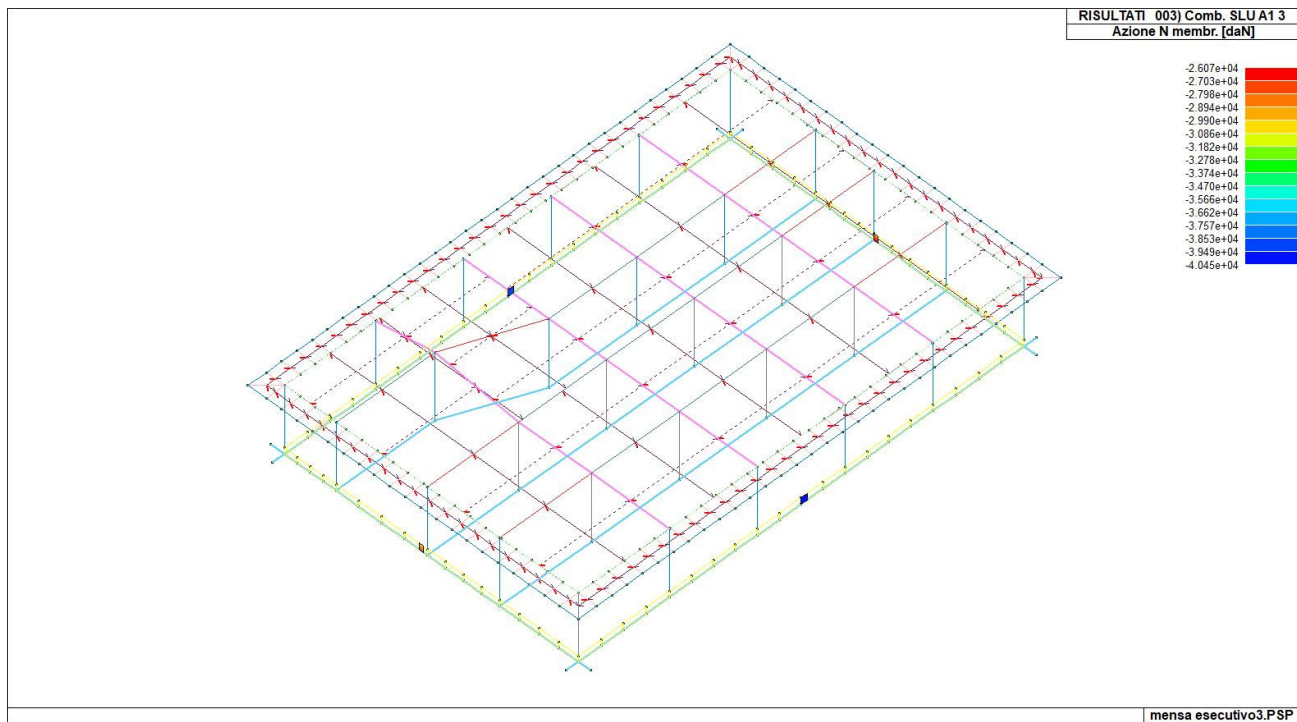
47_RIS_M_002_Comb. SLU A1 2



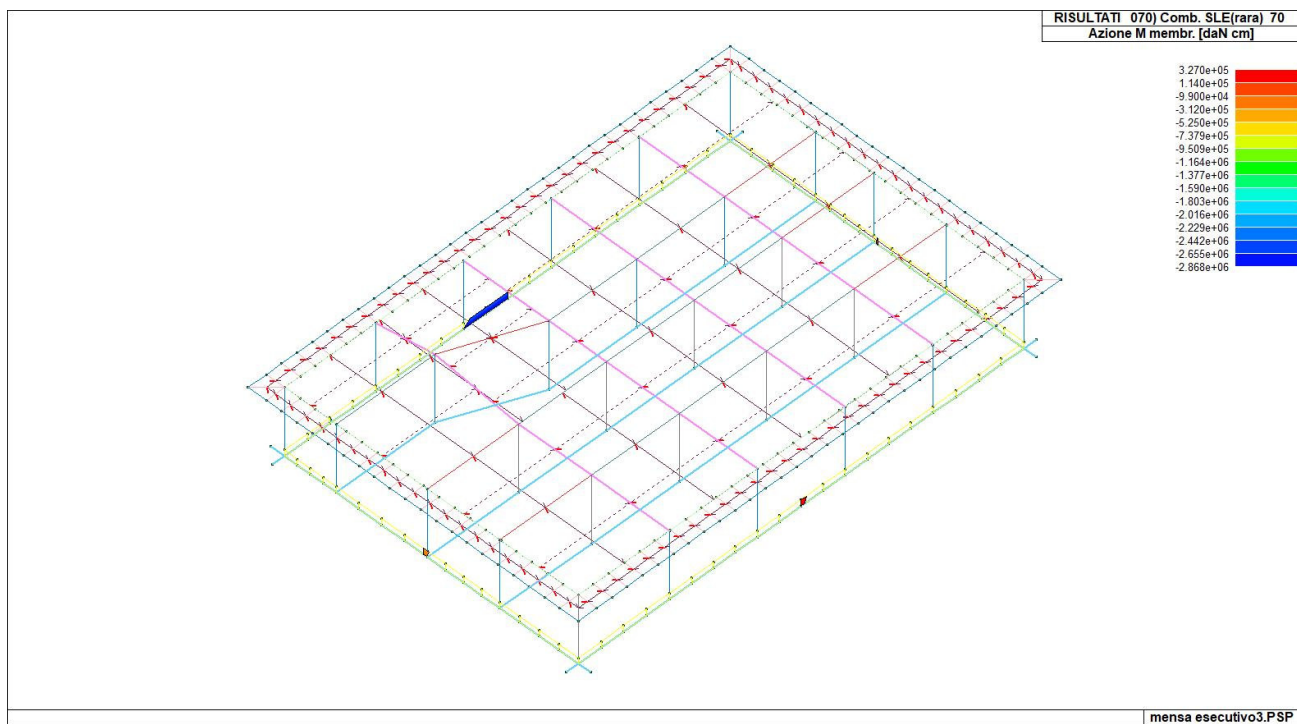
47_RIS_V_002_Comb. SLU A1 2



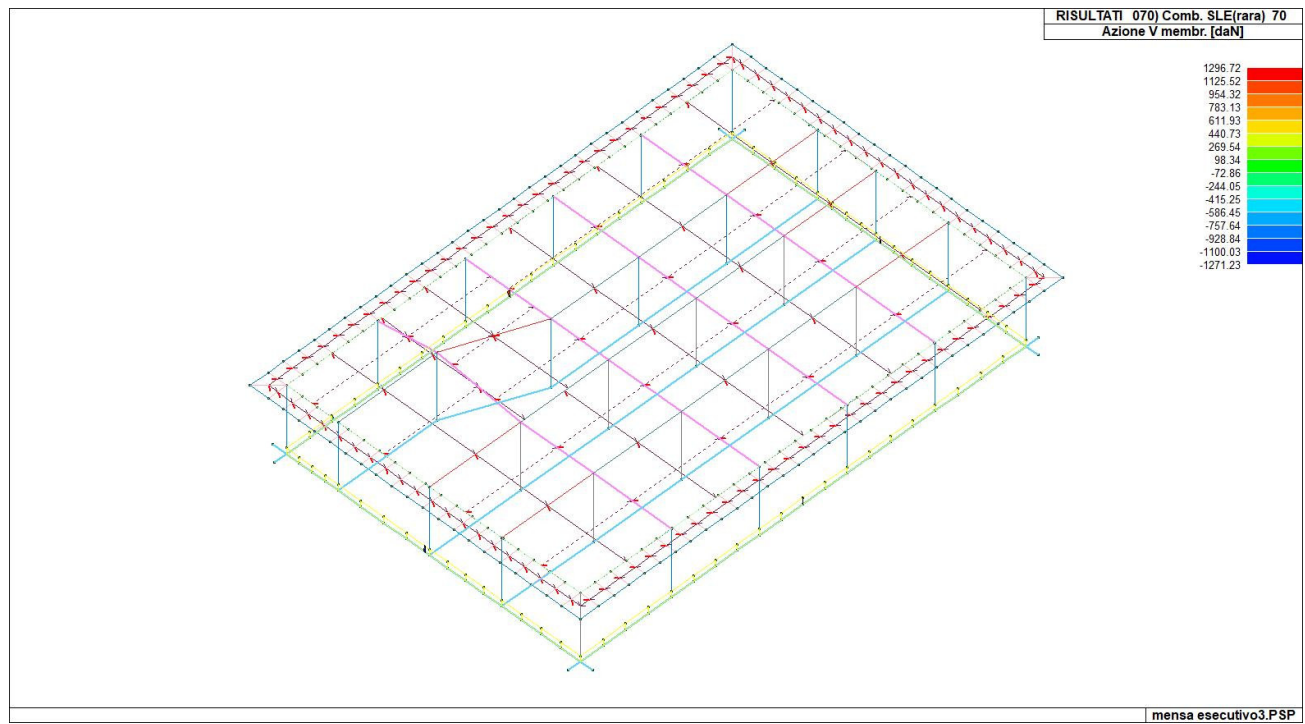
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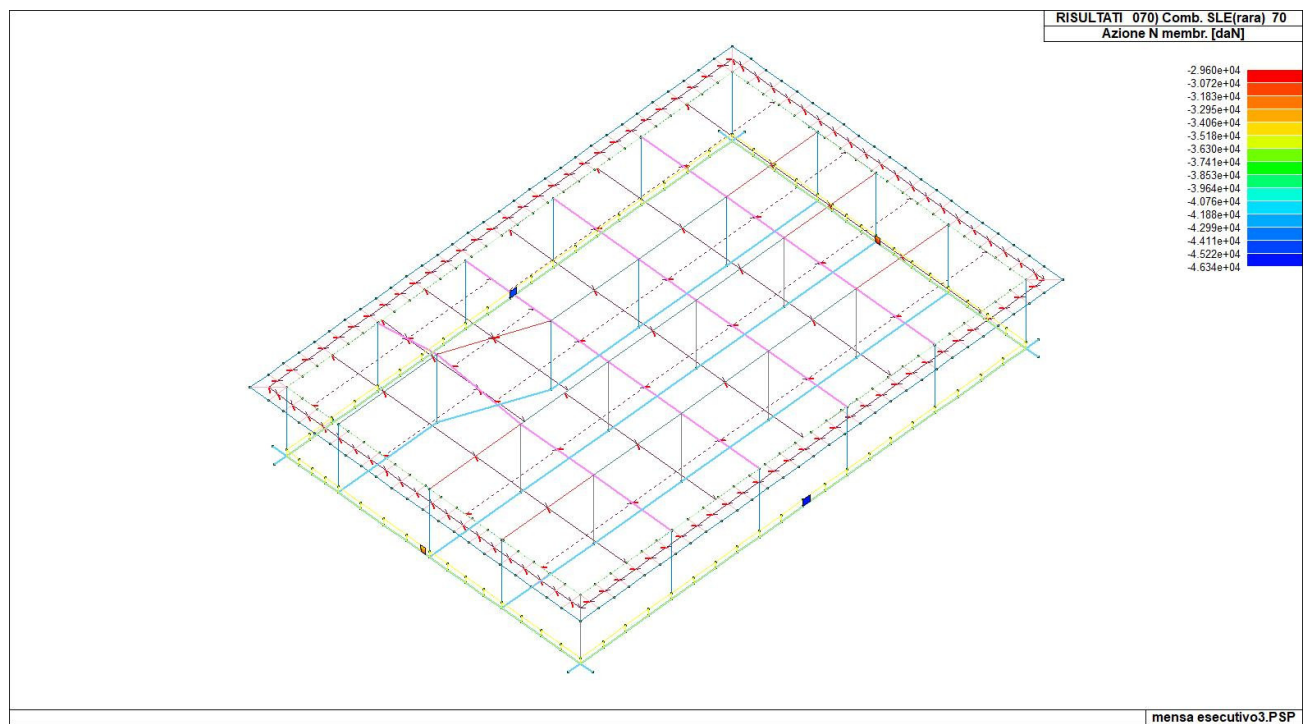
47_RIS_N_003_Comb. SLU A1 3



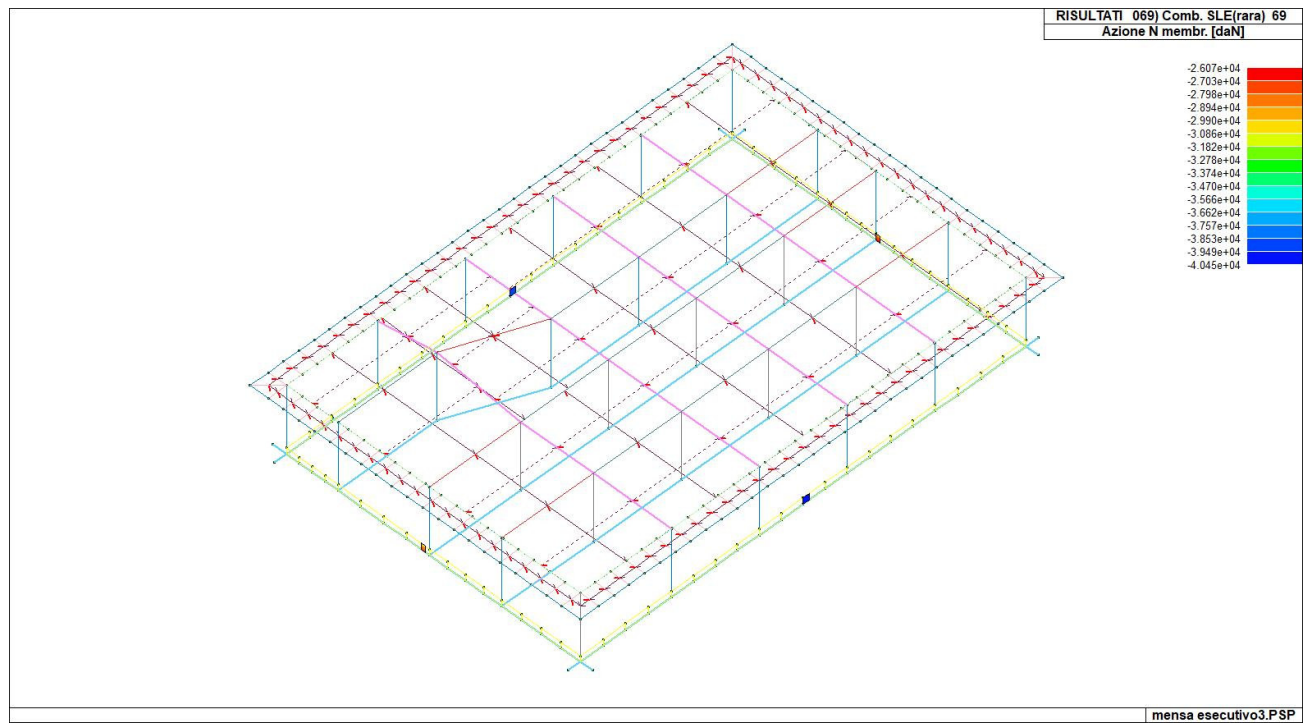
47_RIS_M_070_Comb. SLE(rara) 70



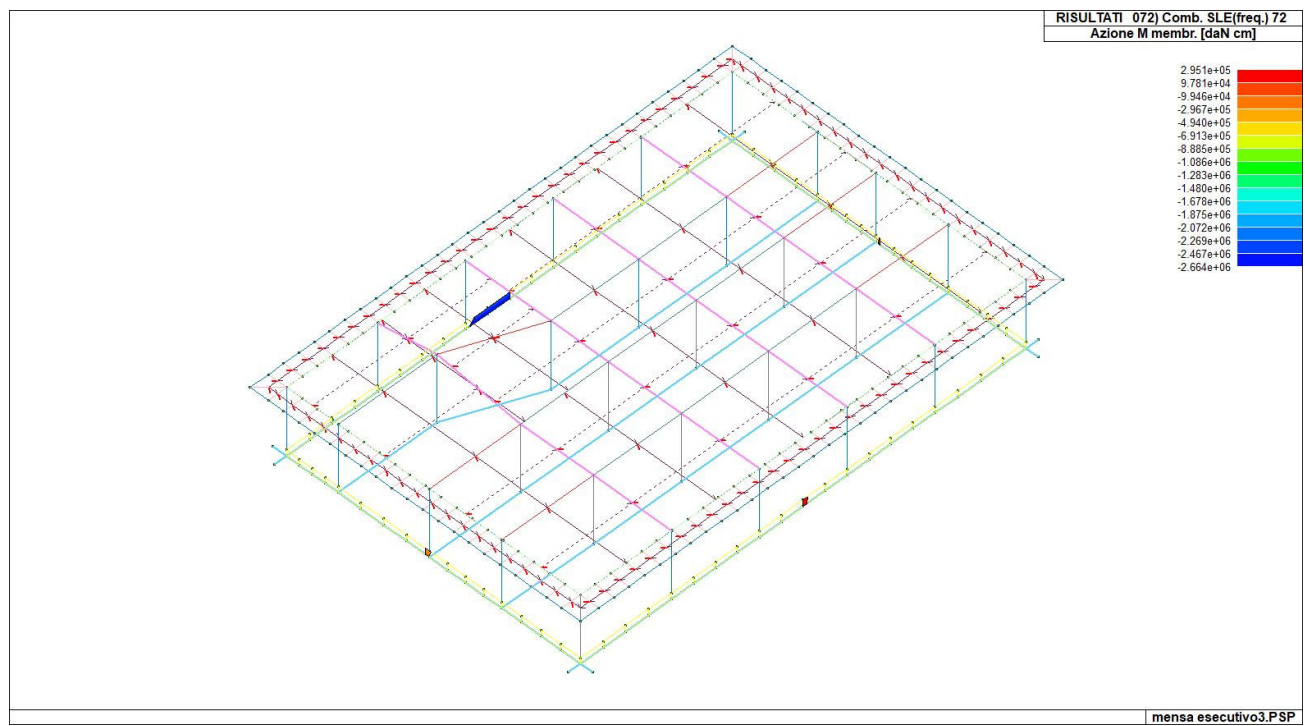
47_RIS_V_070_Comb. SLE(rara) 70



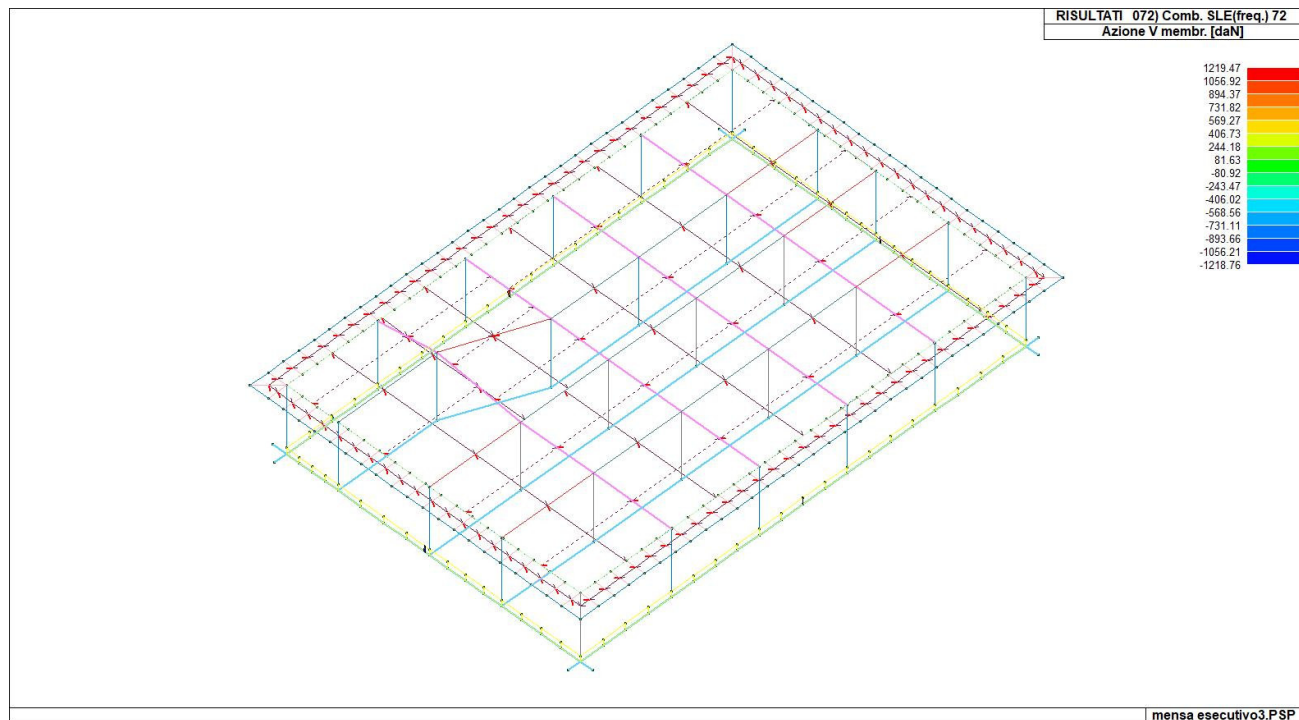
47_RIS_N_070_Comb. SLE(rara) 70



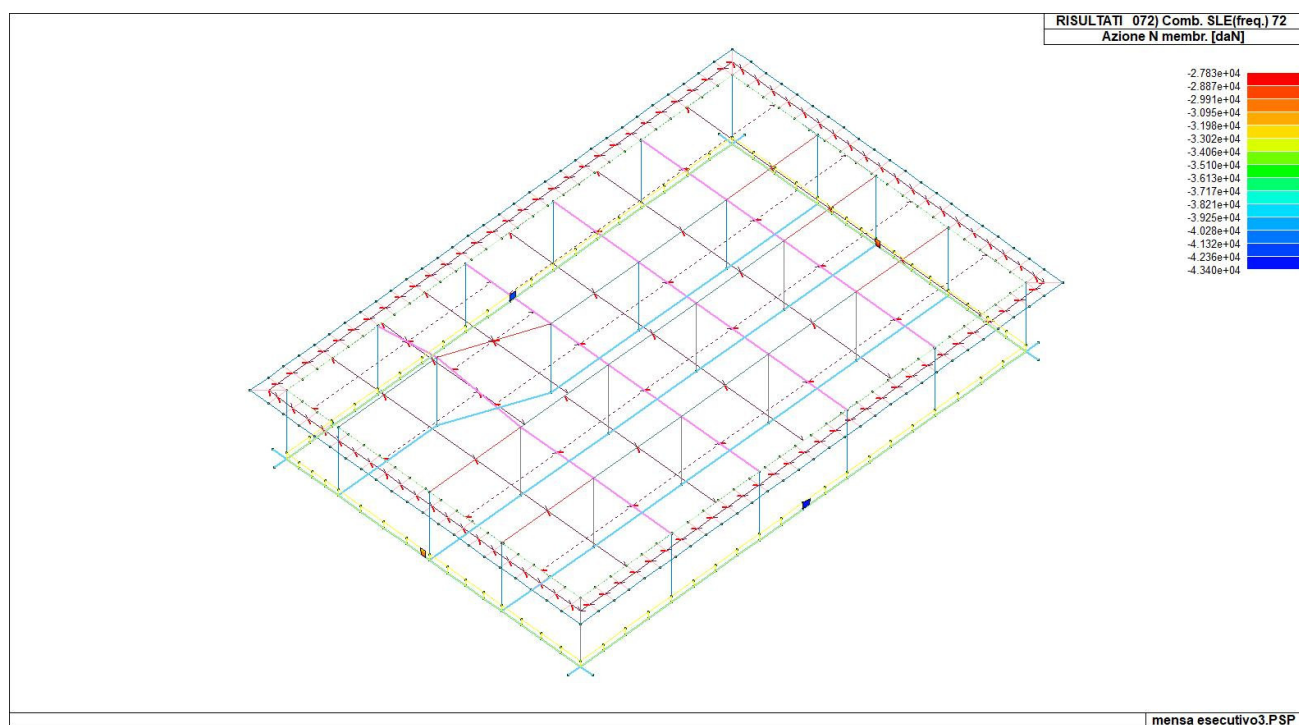
47_RIS_N_069_Comb. SLE(rara) 69



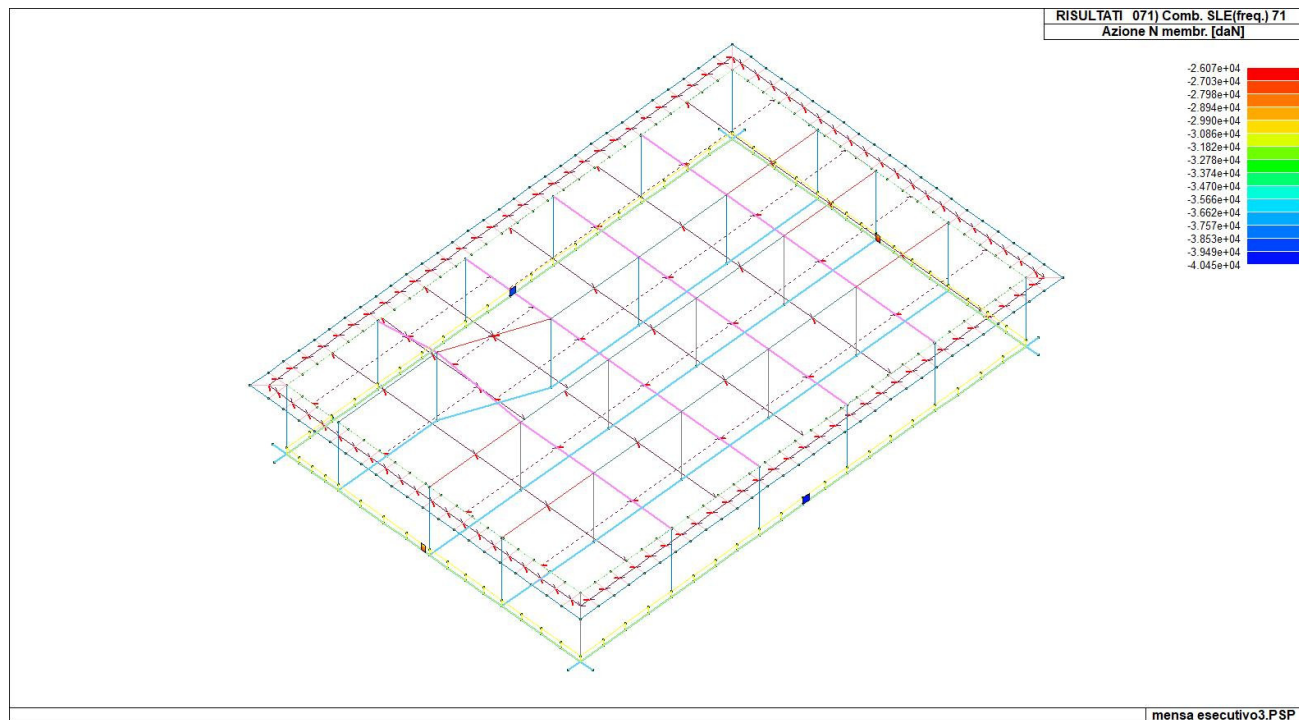
47_RIS_M_072_Comb. SLE(freq.) 72



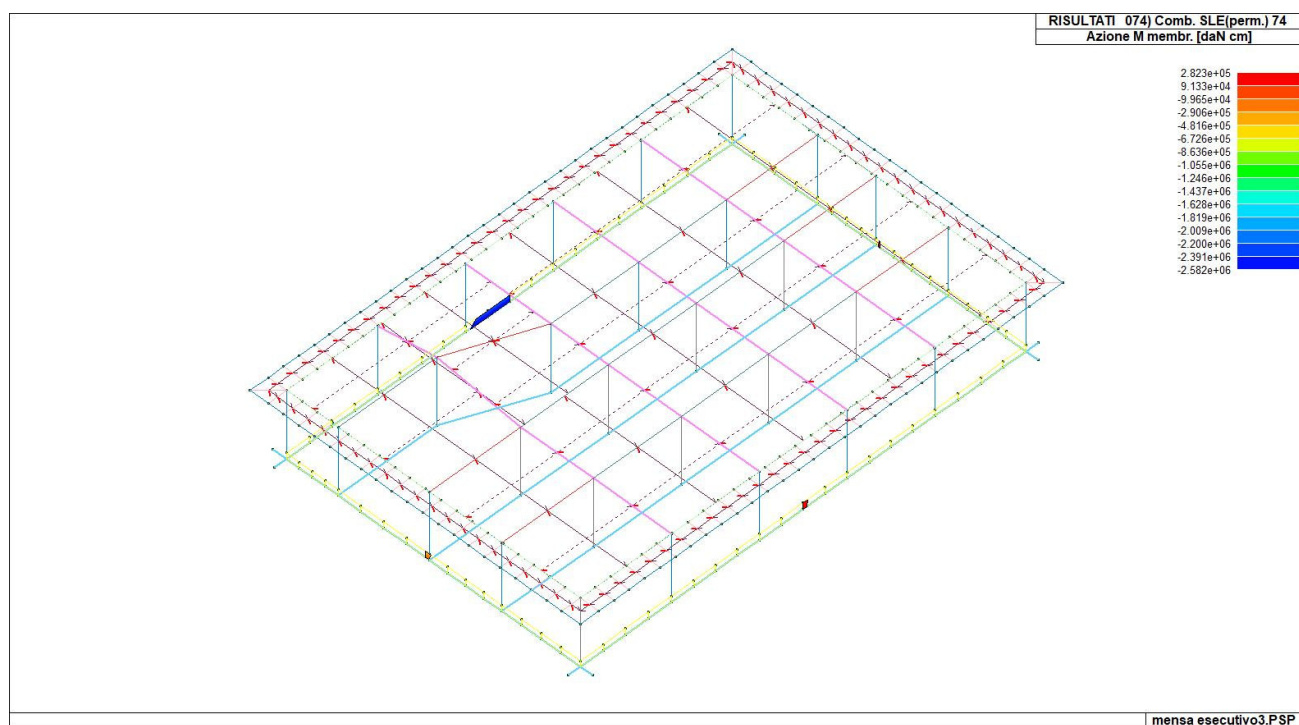
47_RIS_V_072_Comb. SLE(freq.) 72



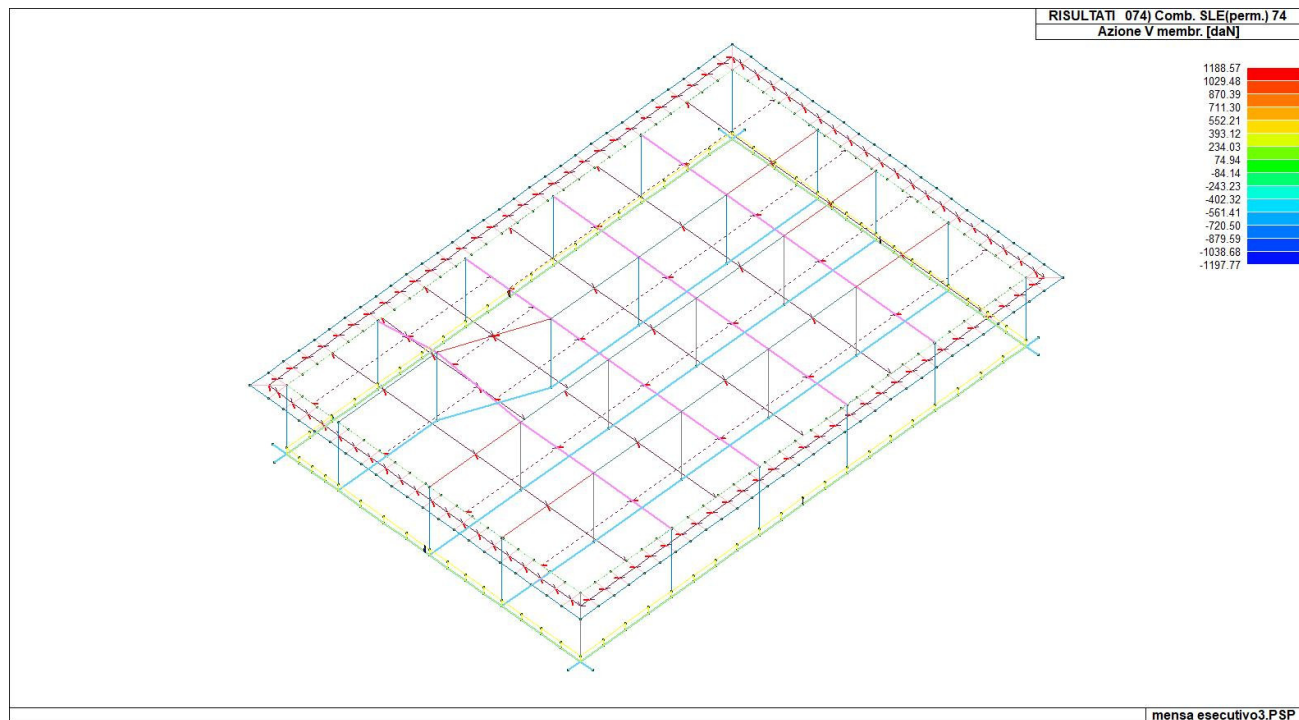
47_RIS_N_072_Comb. SLE(freq.) 72



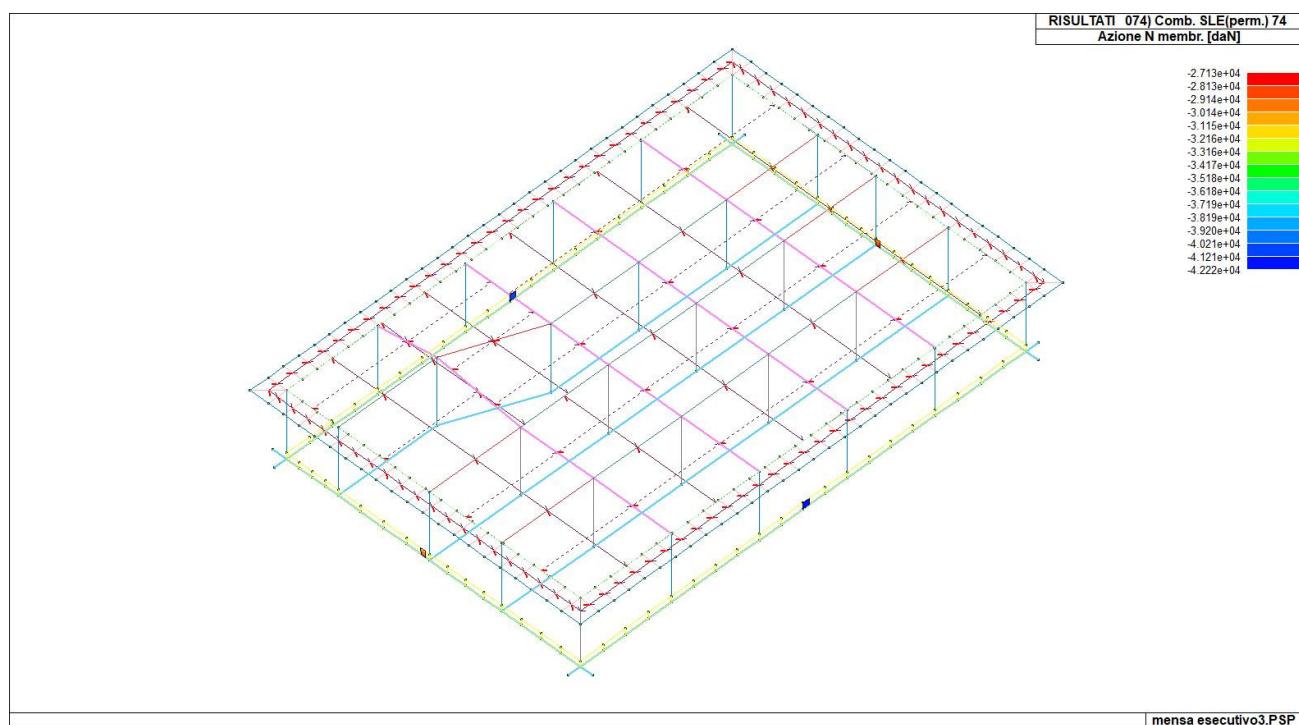
47_RIS_N_071_Comb. SLE(freq.) 71



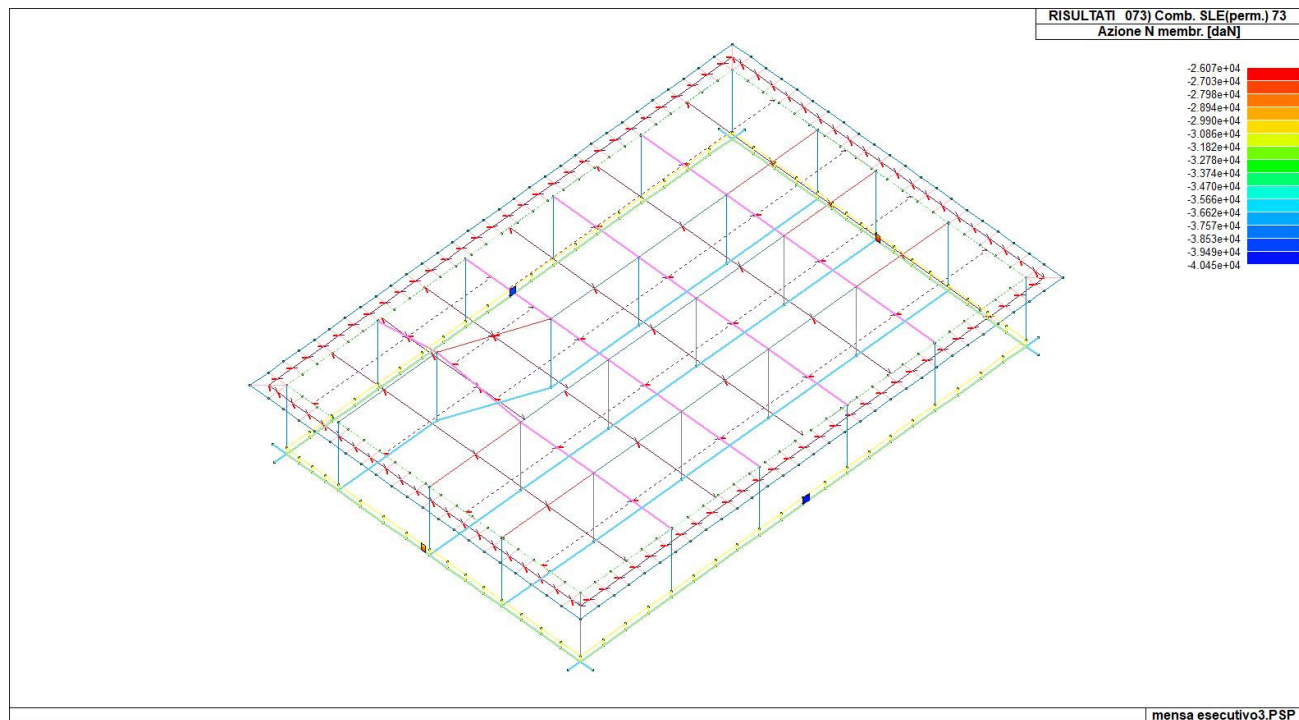
47_RIS_M_074_Comb. SLE(perm.) 74



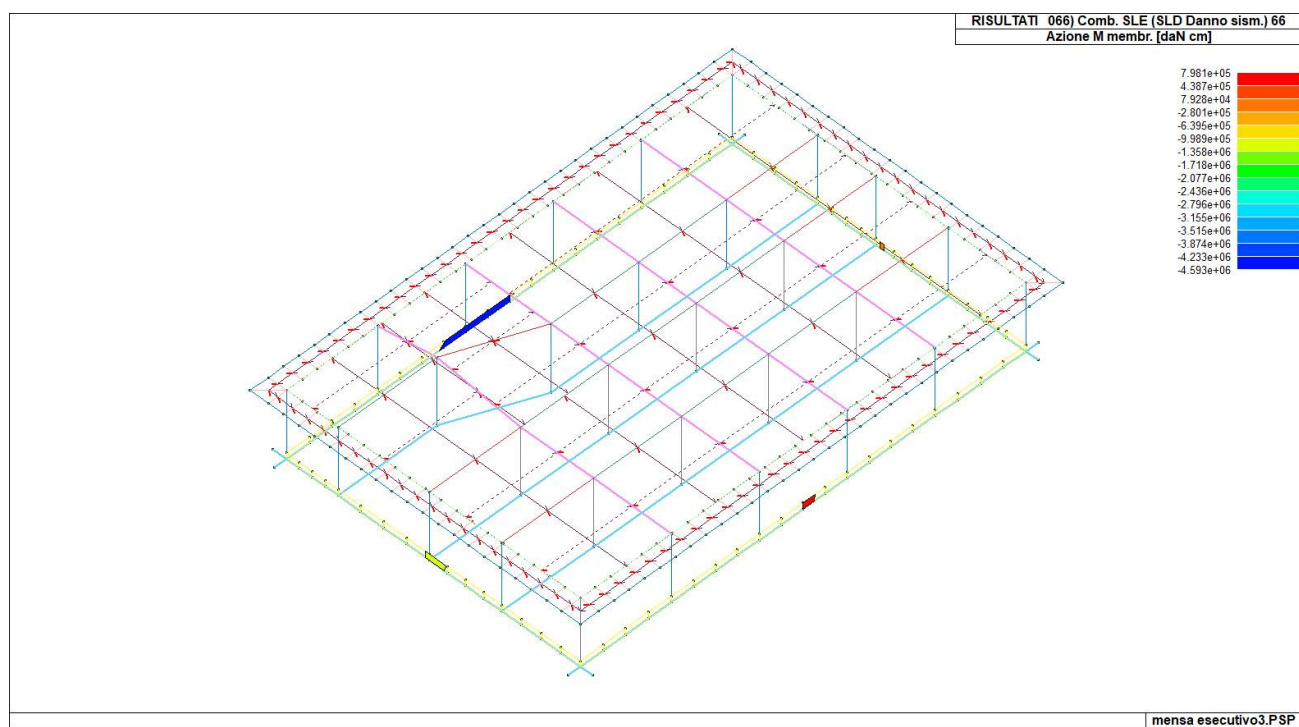
47_RIS_V_074_Comb. SLE(perm.) 74



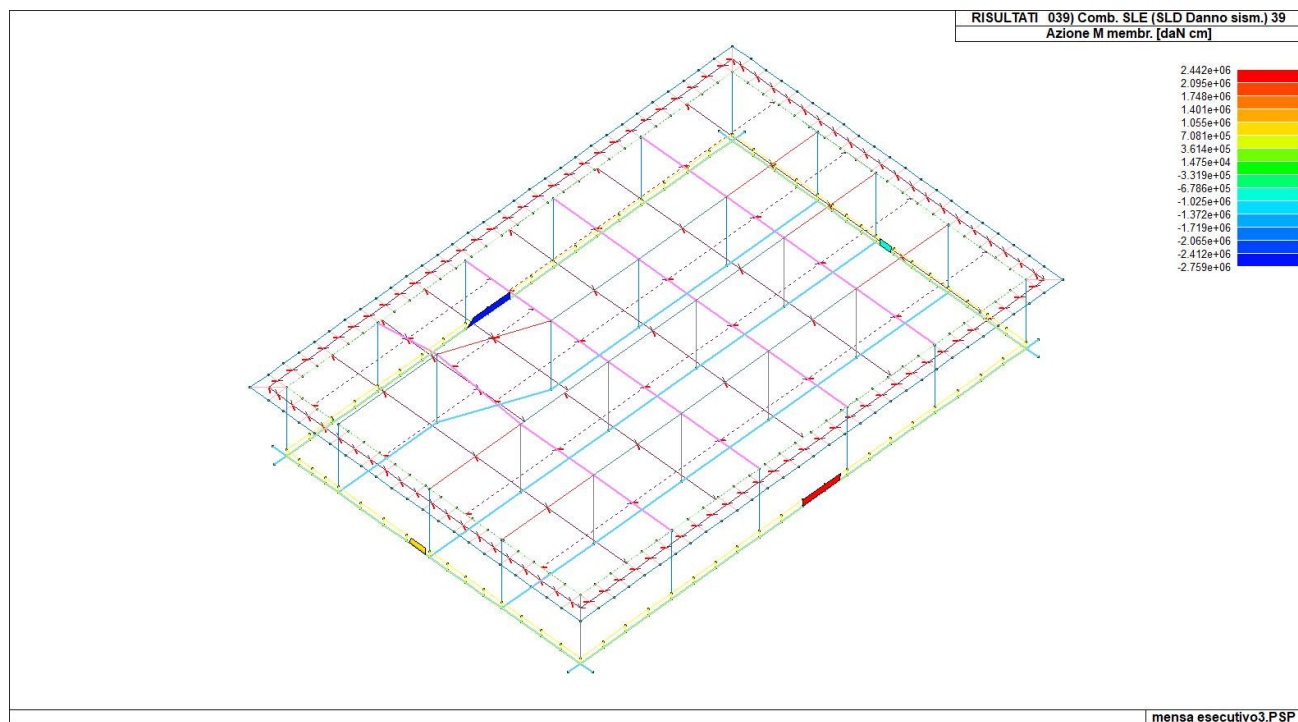
47_RIS_N_074_Comb. SLE(perm.) 74



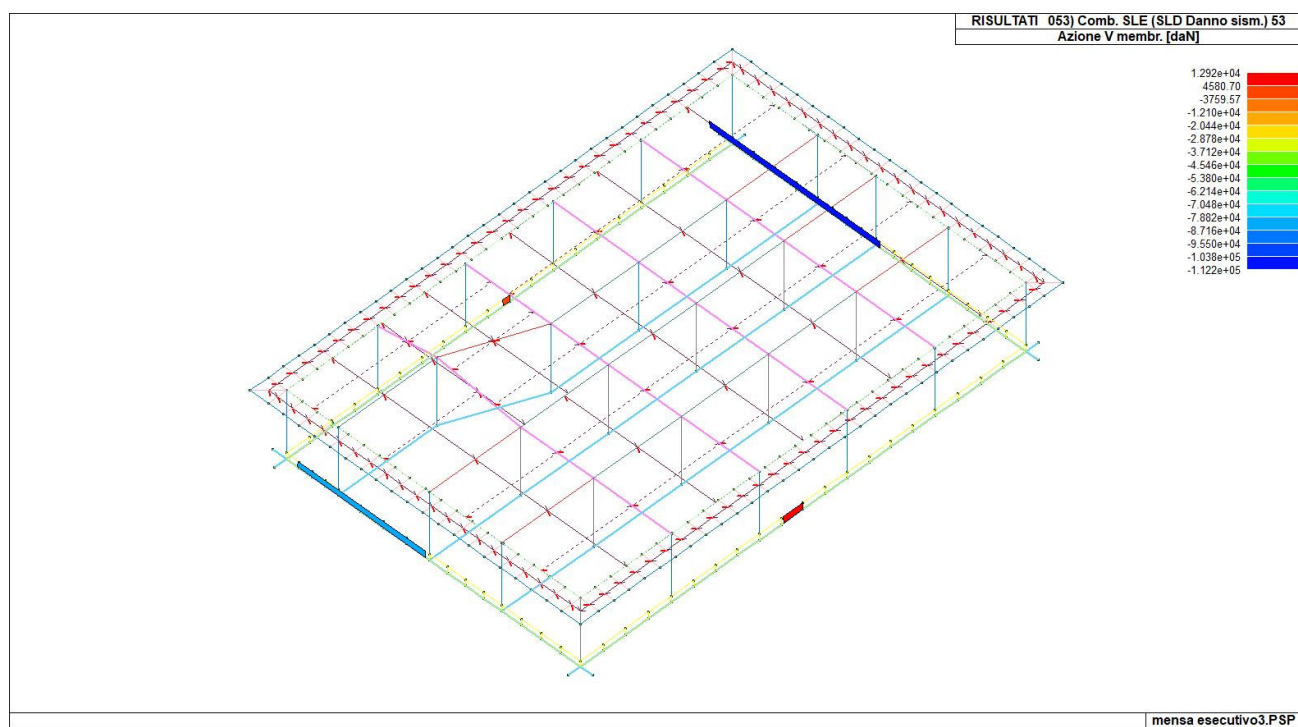
47_RIS_N_073_Comb. SLE(perm.) 73



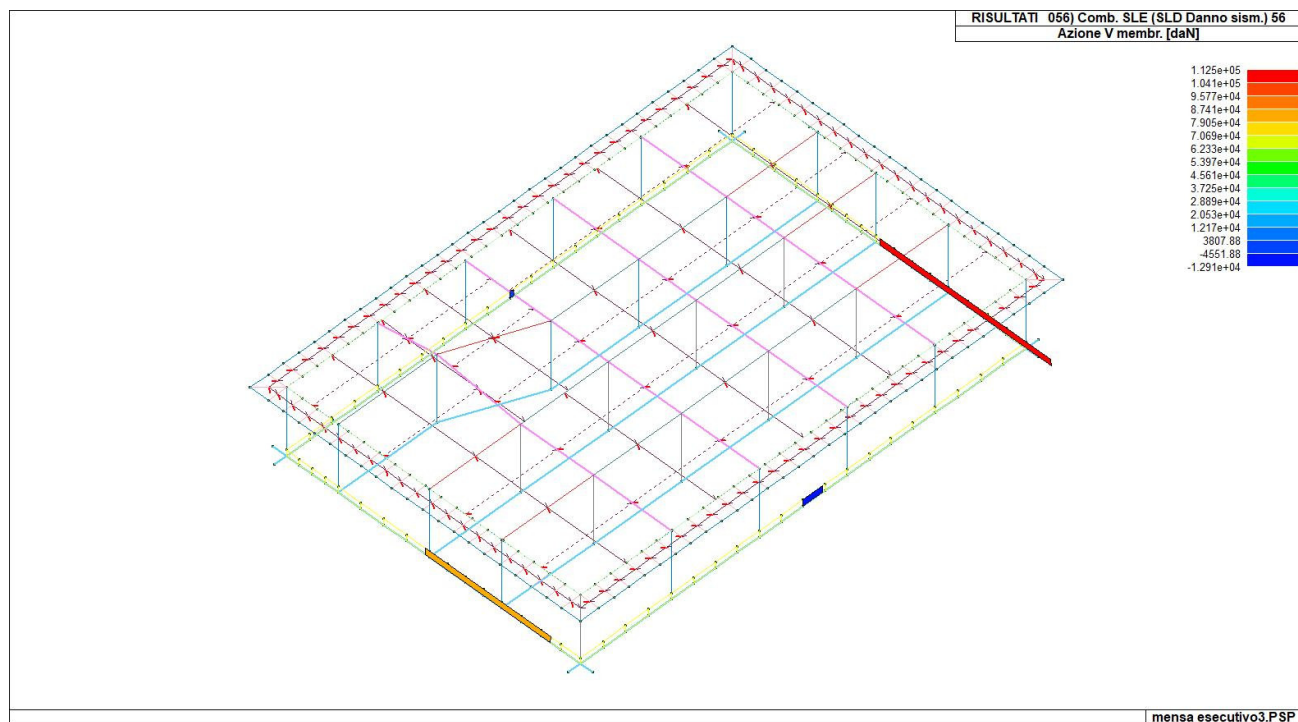
47_RIS_M_066_Comb. SLE (SLD Danno sism.) 66



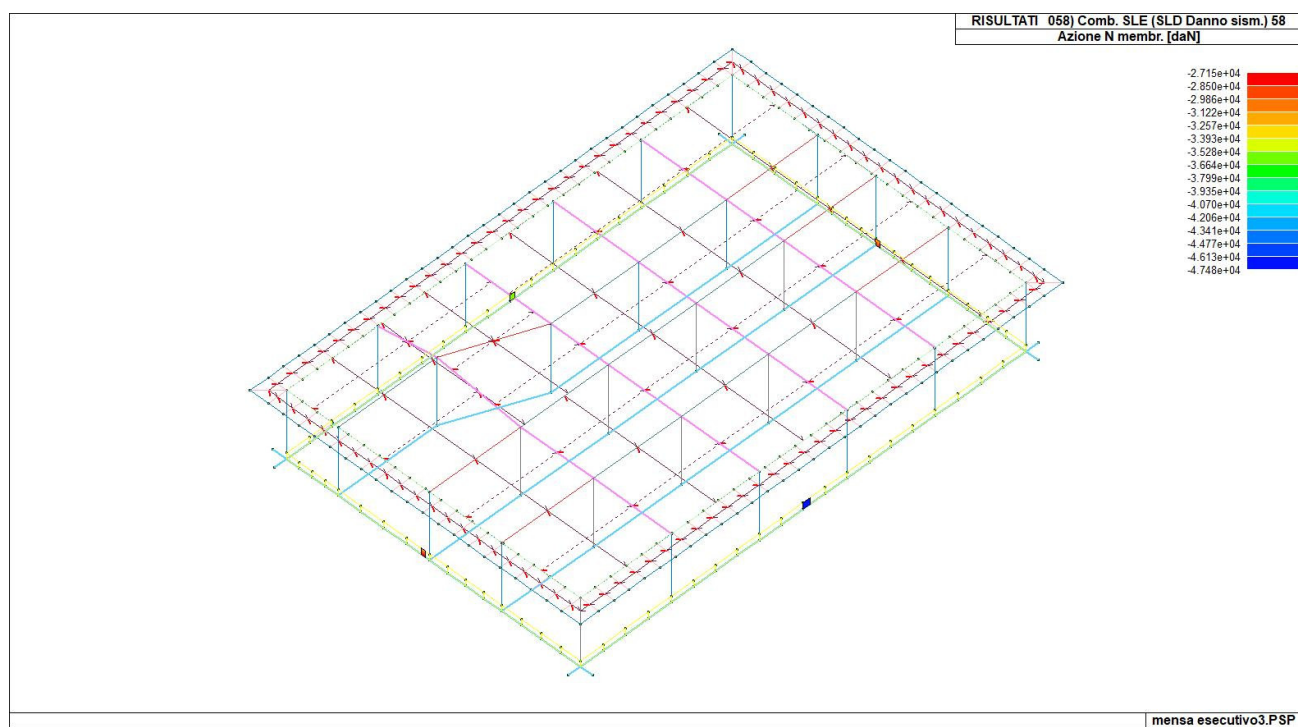
47_RIS_M_039_Comb. SLE (SLD Danno sism.) 39



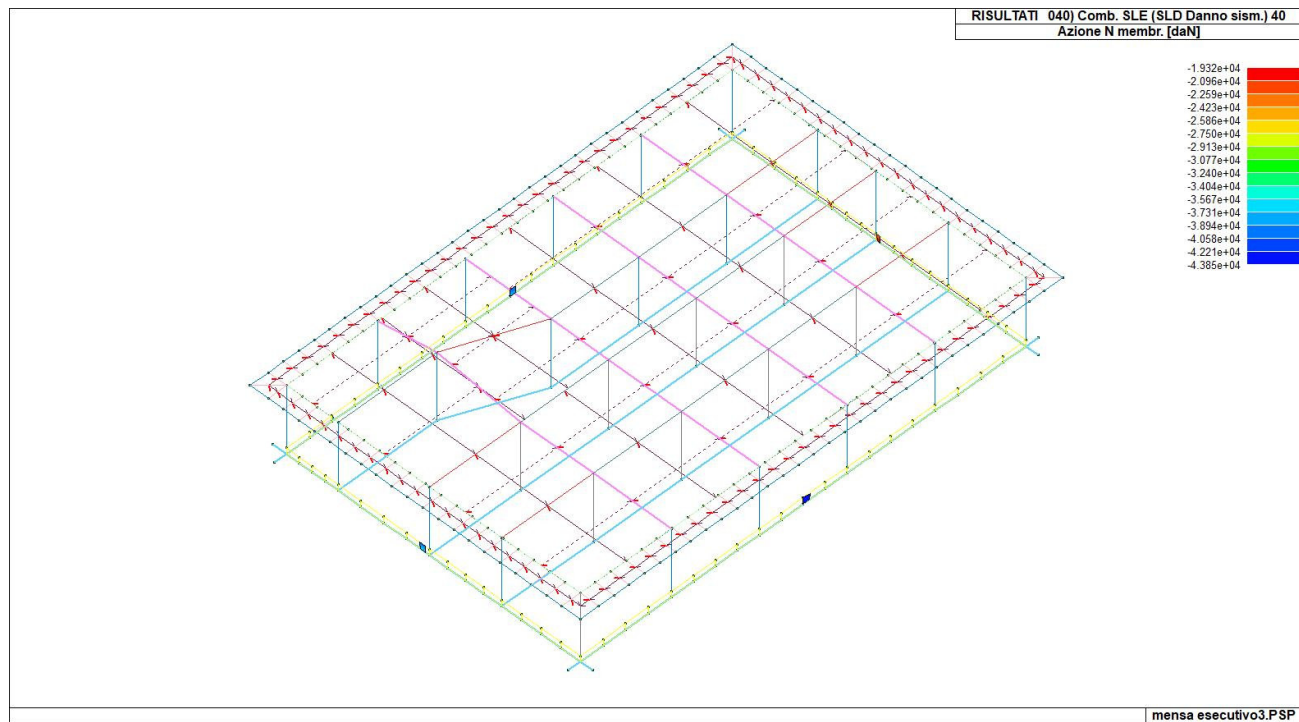
47_RIS_V_053_Comb. SLE (SLD Danno sism.) 53



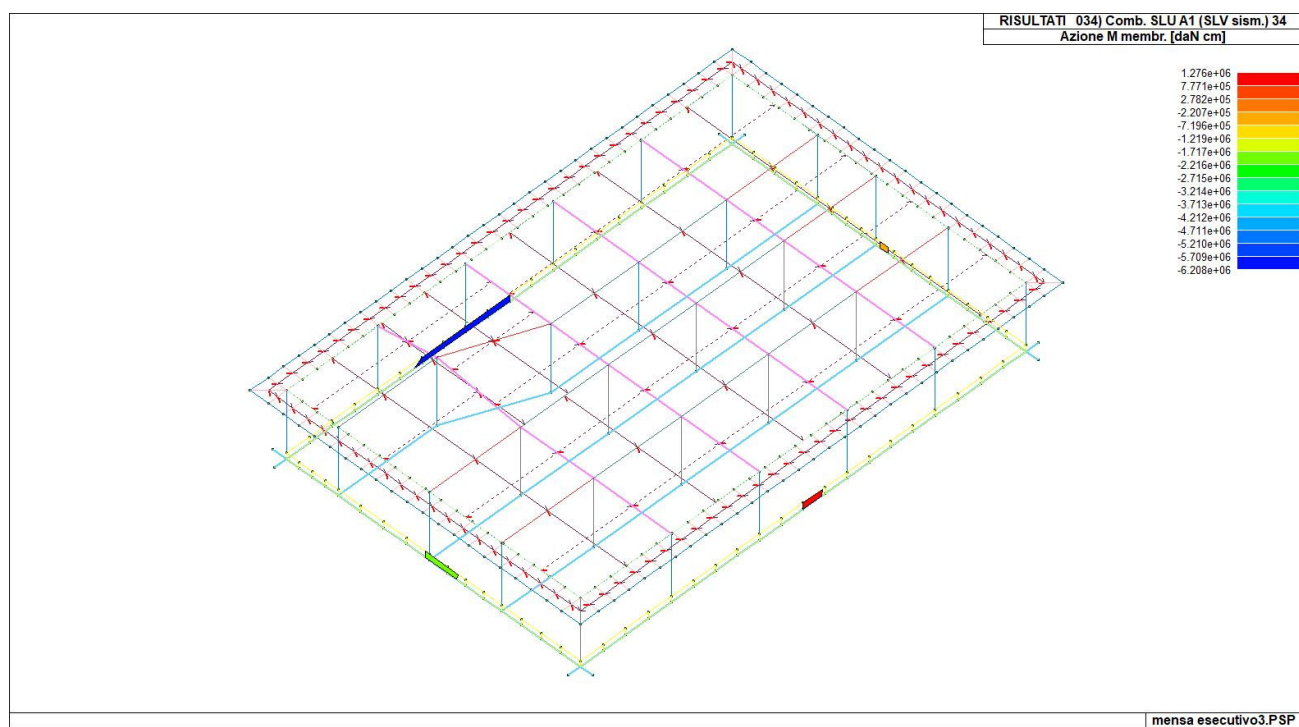
47_RIS_V_056_Comb. SLE (SLD Danno sism.) 56



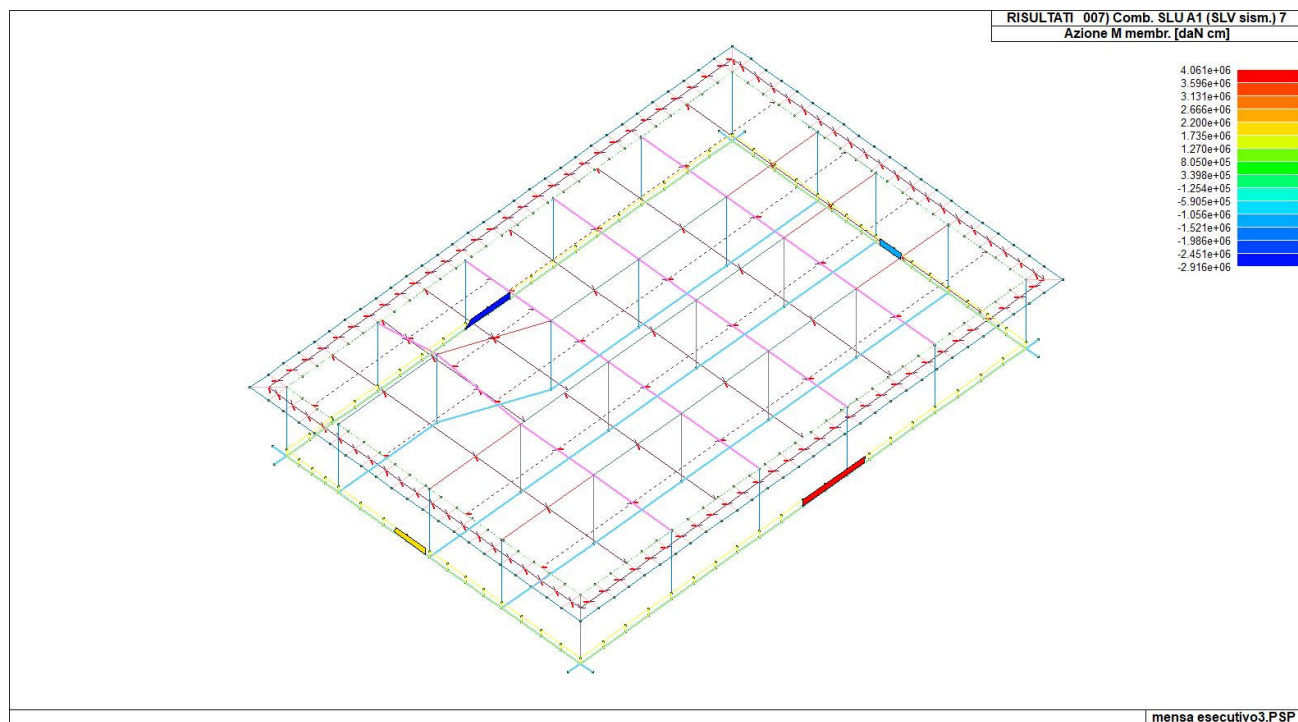
47_RIS_N_058_Comb. SLE (SLD Danno sism.) 58



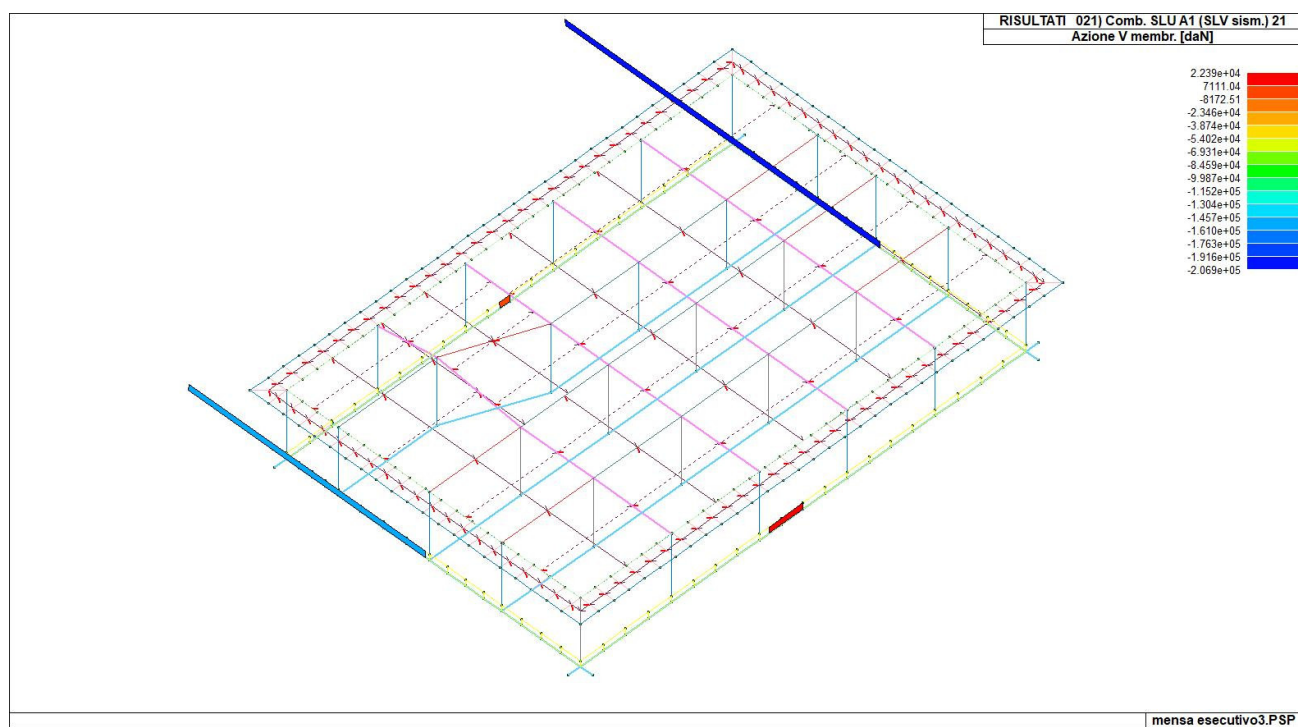
47_RIS_N_040_Comb. SLE (SLD Danno sism.) 40



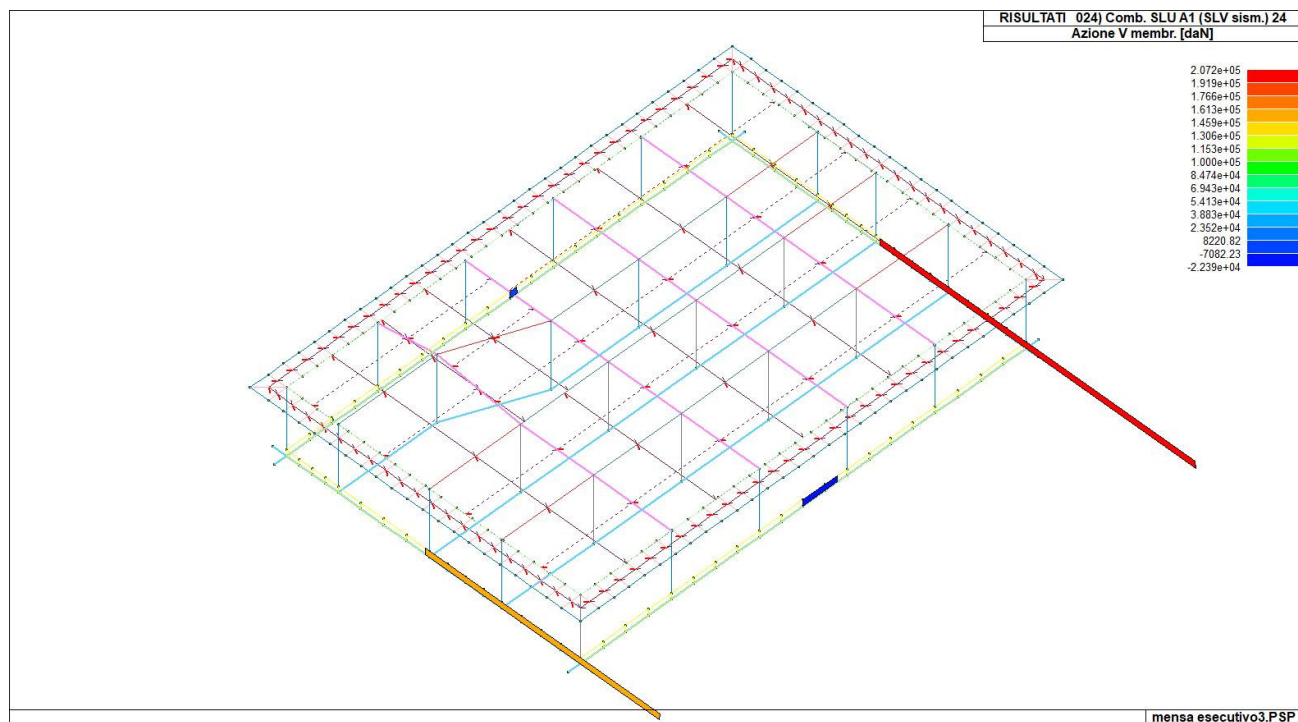
47_RIS_M_034_Comb. SLU A1 (SLV sism.) 34



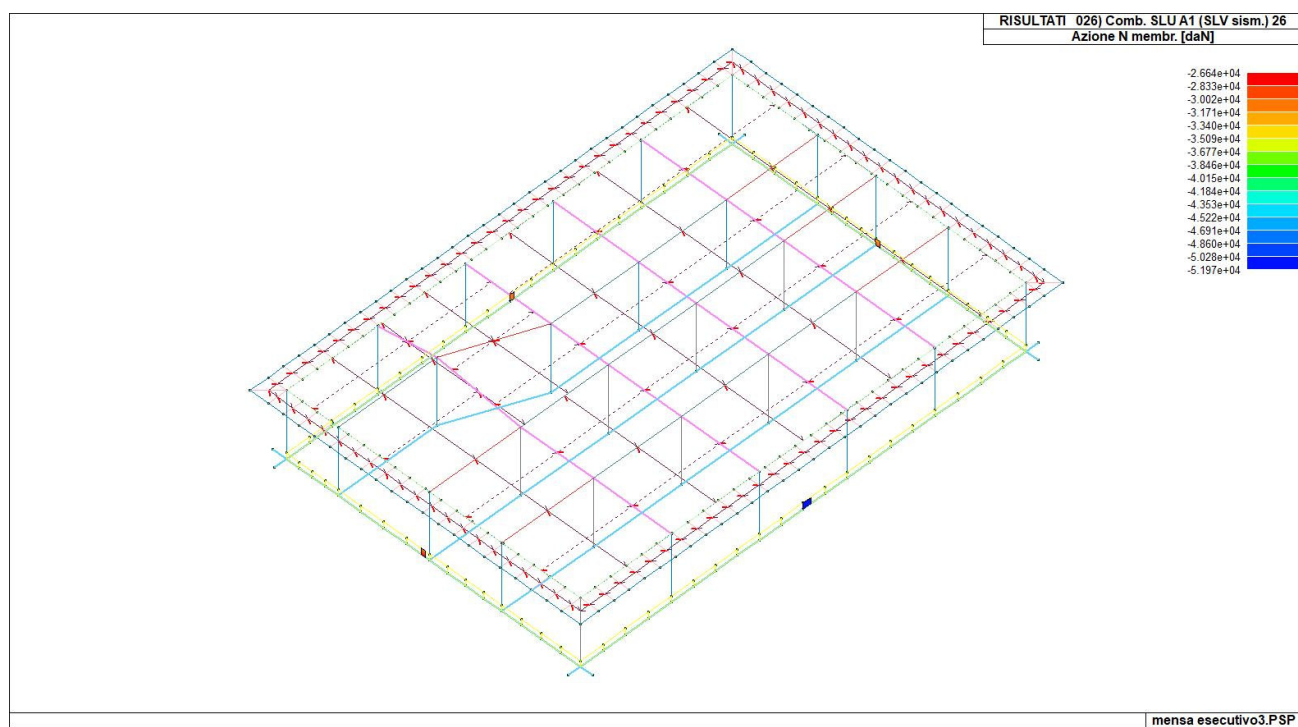
47_RIS_M_007_Comb. SLU A1 (SLV sism.) 7



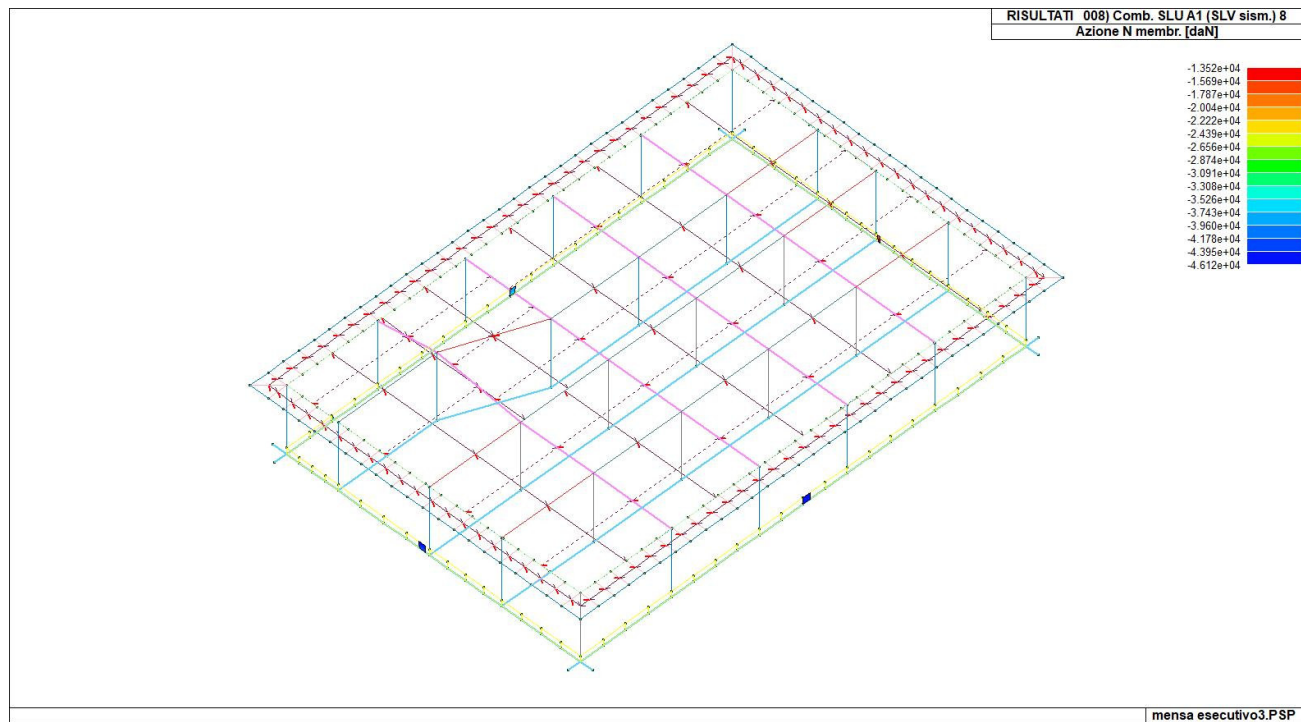
47_RIS_V_021_Comb. SLU A1 (SLV sism.) 21



47_RIS_V_024_Comb. SLU A1 (SLV sism.) 24



47_RIS_N_026_Comb. SLU A1 (SLV sism.) 26

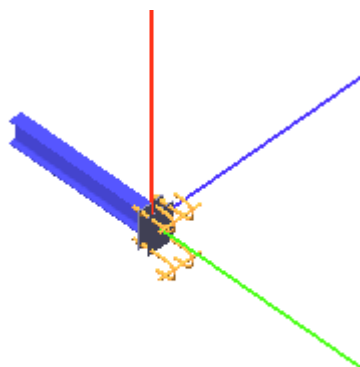


47_RIS_N_008_Comb. SLU A1 (SLV sism.) 8

VERIFICA NODI ACCIAIO

La presente relazione di calcolo strutturale, in conformità al §10.1 del DM 17/01/18, è comprensiva di una descrizione generale dell'opera e dei criteri generali di analisi e verifica. Segue inoltre le indicazioni fornite al §10.2 del DM stesso per quanto concerne analisi e verifiche svolte con l'ausilio di codici di calc

Verifica secondo il D.M. 17/01/2018 dei nodi: 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264



Coefficienti di sicurezza utilizzati

$$\gamma_{M0} = 1.05$$

$$\gamma_{M1} = 1.10$$

$$\gamma_{M2} = 1.25$$

Trave 2

Tipo di profilo: IPE 140

Materiale: Acciaio S275 $f_y = 275 \text{ N/mm}^2$ $f_t = 430 \text{ N/mm}^2$ $\gamma_{ov} = 1.25$

Classe sezione: 1

Flangia:

Materiale: Acciaio S275 $f_y = 275 \text{ N/mm}^2$ $f_t = 430 \text{ N/mm}^2$ $\gamma_{ov} = 1.25$

Dimensioni (B x H x Sp): 150.0 x 225.0 x 8.0 mm

Bullonature:

Viti cl. 8.8 Dadi 8 o 10 ($f_{yb} = 640 \text{ N/mm}^2$, $f_{tb} = 800 \text{ N/mm}^2$)

Diametro gambo $\varnothing = 16 \text{ mm}$ $A_{res} = 156.8 \text{ mm}^2$ (ridotta per filettatura)

Diametro dado/testa $d_m = 24 \text{ mm}$

Diametro foro $\varnothing_0 = 17 \text{ mm}$

Rigidezza giunto (calcolata secondo EN 1993-1-8 : 2005 par. 6.3):

$S_{j,ini}$ non calcolabile

Saldature:Materiale: Acciaio S275 $f_y = 275 \text{ N/mm}^2$ $f_t = 430 \text{ N/mm}^2$ $\beta_1 = 0.70$ $\beta_2 = 0.85$ Spessore cordoni d'angolo $s_c = 8 \text{ mm}$ Sollecitazioni:

Nodo.CMB	V2 [N]	V3 [N]	N [N]	M2 [N mm]	M3 [N mm]	T [N mm]
69.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
69.2	3977.2	0.0	0.0	0.0	-2386000.0	28.3
69.3	1372.7	0.0	0.0	0.0	-823601.9	9.8
69.4	3565.4	0.0	0.0	0.0	-2139000.0	25.4
69.5	1738.0	277.7	328.6	-333222.0	-1166000.0	13.8
69.6	1744.8	54.1	338.2	-64970.0	-1175000.0	13.9
69.7	1877.7	-54.1	-338.2	64970.0	-998845.0	11.9
69.8	1884.5	-277.7	-328.6	333222.0	-1007000.0	12.0
69.9	1738.5	194.8	330.7	-233771.0	-1167000.0	13.8
69.10	1744.3	137.0	336.1	-164421.0	-1174000.0	13.9
69.11	1878.2	-137.0	-336.1	164421.0	-999457.0	11.9
69.12	1883.9	-194.8	-330.7	233771.0	-1006000.0	11.9
69.13	1841.9	210.5	79.3	-252637.0	-1124000.0	13.3
69.14	1848.7	-13.0	88.9	15616.0	-1132000.0	13.4
69.15	1773.7	13.0	-88.9	-15616.0	-1042000.0	12.4
69.16	1780.5	-210.5	-79.3	252637.0	-1050000.0	12.5
69.17	1842.5	127.7	81.4	-153186.0	-1124000.0	13.3
69.18	1848.2	69.9	86.8	-83836.0	-1131000.0	13.4
69.19	1774.2	-69.9	-86.8	83836.0	-1042000.0	12.4
69.20	1780.0	-127.7	-81.4	153186.0	-1049000.0	12.5
69.21	1778.9	422.3	84.1	-506817.0	-1098000.0	13.0
69.22	1801.6	-322.8	115.9	387359.0	-1125000.0	13.4
69.23	1820.9	322.8	-115.9	-387359.0	-1048000.0	12.4
69.24	1843.5	-422.3	-84.1	506817.0	-1075000.0	12.8
69.25	1810.1	402.2	9.3	-482641.0	-1085000.0	12.9
69.26	1832.8	-342.9	41.2	411535.0	-1113000.0	13.2
69.27	1789.7	342.9	-41.2	-411535.0	-1061000.0	12.6
69.28	1812.3	-402.2	-9.3	482641.0	-1088000.0	12.9
69.29	1780.6	146.1	91.0	-175312.0	-1100000.0	13.1
69.30	1799.9	-46.5	109.0	55855.0	-1123000.0	13.3
69.31	1822.6	46.5	-109.0	-55855.0	-1050000.0	12.5
69.32	1841.8	-146.1	-91.0	175312.0	-1073000.0	12.7
69.33	1811.8	125.9	16.2	-151137.0	-1087000.0	12.9
69.34	1831.1	-66.7	34.2	80030.0	-1111000.0	13.2
69.35	1791.4	66.7	-34.2	-80030.0	-1063000.0	12.6
69.36	1810.6	-125.9	-16.2	151137.0	-1086000.0	12.9
70.1	1784.5	0.0	0.0	0.0	-1071000.0	12.6
70.2	3977.2	0.0	0.0	0.0	-2386000.0	28.1
70.3	1372.7	0.0	0.0	0.0	-823601.9	9.7
70.4	3565.4	0.0	0.0	0.0	-2139000.0	25.2
70.5	1744.4	310.7	335.7	-372784.0	-1174000.0	13.8
70.6	1738.7	80.1	347.4	-96179.0	-1167000.0	13.7
70.7	1883.7	-80.1	-347.4	96179.0	-1007000.0	11.8
70.8	1878.0	-310.7	-335.7	372784.0	-999708.0	11.8
70.9	1743.9	225.7	337.7	-270894.0	-1173000.0	13.8
70.10	1739.2	165.1	345.4	-198069.0	-1168000.0	13.7
70.11	1883.2	-165.1	-345.4	198069.0	-1006000.0	11.8
70.12	1878.6	-225.7	-337.7	270894.0	-1000000.0	11.8
70.13	1768.7	225.4	135.7	-270499.0	-1145000.0	13.5
70.14	1763.0	-5.1	147.4	6106.0	-1138000.0	13.4
70.15	1859.4	5.1	-147.4	-6106.0	-1036000.0	12.2
70.16	1853.7	-225.4	-135.7	270499.0	-1029000.0	12.1
70.17	1768.2	140.5	137.7	-168609.0	-1144000.0	13.5
70.18	1763.6	79.8	145.4	-95784.0	-1138000.0	13.4

70.19	1858.9	-79.8	-145.4	95784.0	-1035000.0	12.2
70.20	1854.2	-140.5	-137.7	168609.0	-1030000.0	12.1
70.21	1799.8	442.8	83.0	-531352.0	-1123000.0	13.2
70.22	1780.8	-325.6	121.9	390664.0	-1100000.0	12.9
70.23	1841.6	325.6	-121.9	-390664.0	-1073000.0	12.6
70.24	1822.6	-442.8	-83.0	531352.0	-1050000.0	12.4
70.25	1807.1	417.2	23.0	-500667.0	-1114000.0	13.1
70.26	1788.1	-351.1	61.9	421349.0	-1092000.0	12.9
70.27	1834.3	351.1	-61.9	-421349.0	-1082000.0	12.7
70.28	1815.3	-417.2	-23.0	500667.0	-1059000.0	12.5
70.29	1798.1	159.8	89.6	-191719.0	-1121000.0	13.2
70.30	1782.6	-42.5	115.4	51031.0	-1102000.0	13.0
70.31	1839.9	42.5	-115.4	-51031.0	-1071000.0	12.6
70.32	1824.4	-159.8	-89.6	191719.0	-1052000.0	12.4
70.33	1805.4	134.2	29.6	-161034.0	-1112000.0	13.1
70.34	1789.9	-68.1	55.4	81716.0	-1094000.0	12.9
70.35	1832.6	68.1	-55.4	-81716.0	-1080000.0	12.7
70.36	1817.1	-134.2	-29.6	161034.0	-1061000.0	12.5
71.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
71.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
71.3	1372.7	0.0	0.0	0.0	-823601.9	9.7
71.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
71.5	1734.0	297.3	391.5	-356734.0	-1179000.0	13.9
71.6	1742.9	62.5	404.6	-74987.0	-1169000.0	13.8
71.7	1879.5	-62.5	-404.6	74987.0	-1005000.0	11.9
71.8	1888.5	-297.3	-391.5	356734.0	-994038.0	11.8
71.9	1741.6	210.4	393.1	-252515.0	-1178000.0	13.9
71.10	1735.3	149.3	403.0	-179205.0	-1170000.0	13.8
71.11	1887.2	-149.3	-403.0	179205.0	-1003000.0	11.9
71.12	1880.8	-210.4	-393.1	252515.0	-995587.0	11.8
71.13	1863.7	216.0	197.5	-259225.0	-1160000.0	13.7
71.14	1872.6	-18.8	210.5	22522.0	-1150000.0	13.6
71.15	1749.8	18.8	-210.5	-22522.0	-1024000.0	12.1
71.16	1758.7	-216.0	-197.5	259225.0	-1013000.0	12.0
71.17	1871.3	129.2	199.1	-155006.0	-1159000.0	13.7
71.18	1865.0	68.1	209.0	-81697.0	-1151000.0	13.6
71.19	1757.5	-68.1	-209.0	81697.0	-1022000.0	12.1
71.20	1751.1	-129.2	-199.1	155006.0	-1015000.0	12.0
71.21	1774.5	445.3	97.7	-534336.0	-1131000.0	13.4
71.22	1804.2	-337.4	141.1	404820.0	-1095000.0	13.0
71.23	1818.2	337.4	-141.1	-404820.0	-1078000.0	12.8
71.24	1847.9	-445.3	-97.7	534336.0	-1043000.0	12.3
71.25	1813.4	420.9	39.5	-505084.0	-1125000.0	13.3
71.26	1843.1	-361.7	82.9	434073.0	-1089000.0	12.9
71.27	1779.3	361.7	-82.9	-434073.0	-1084000.0	12.8
71.28	1809.0	-420.9	-39.5	505084.0	-1048000.0	12.4
71.29	1799.9	155.8	103.0	-186940.0	-1126000.0	13.3
71.30	1778.8	-47.9	135.9	57424.0	-1100000.0	13.0
71.31	1843.6	47.9	-135.9	-57424.0	-1073000.0	12.7
71.32	1822.5	-155.8	-103.0	186940.0	-1048000.0	12.4
71.33	1838.8	131.4	44.7	-157688.0	-1120000.0	13.3
71.34	1817.7	-72.2	77.7	86677.0	-1095000.0	13.0
71.35	1804.7	72.2	-77.7	-86677.0	-1079000.0	12.8
71.36	1783.6	-131.4	-44.7	157688.0	-1054000.0	12.5
72.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
72.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
72.3	1372.7	0.0	0.0	0.0	-823601.9	9.7
72.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
72.5	1736.8	239.9	453.1	-287918.0	-997448.1	11.8
72.6	1726.0	4.5	466.3	-5373.0	-984520.0	11.6
72.7	1896.4	-4.5	-466.3	5373.0	-1189000.0	14.1
72.8	1885.6	-239.9	-453.1	287918.0	-1176000.0	13.9

72.9	1734.9	151.8	453.9	-182102.0	-995107.0	11.8
72.10	1728.0	92.7	465.5	-111190.0	-986859.9	11.7
72.11	1894.4	-92.7	-465.5	111190.0	-1187000.0	14.0
72.12	1887.6	-151.8	-453.9	182102.0	-1178000.0	13.9
72.13	1884.7	185.5	253.1	-222587.0	-1011000.0	12.0
72.14	1873.9	-50.0	266.2	59958.0	-998526.0	11.8
72.15	1748.5	50.0	-266.2	-59958.0	-1175000.0	13.9
72.16	1737.7	-185.5	-253.1	222587.0	-1162000.0	13.7
72.17	1882.8	97.3	253.9	-116770.0	-1009000.0	11.9
72.18	1875.9	38.2	265.4	-45858.0	-1001000.0	11.8
72.19	1746.5	-38.2	-265.4	45858.0	-1173000.0	13.9
72.20	1739.7	-97.3	-253.9	116770.0	-1164000.0	13.8
72.21	1805.2	429.1	116.0	-514902.0	-1080000.0	12.8
72.22	1769.3	-355.8	159.8	426915.0	-1036000.0	12.3
72.23	1853.1	355.8	-159.8	-426915.0	-1137000.0	13.4
72.24	1817.2	-429.1	-116.0	514902.0	-1094000.0	12.9
72.25	1849.6	412.8	56.0	-495303.0	-1084000.0	12.8
72.26	1813.7	-372.1	99.8	446514.0	-1041000.0	12.3
72.27	1808.7	372.1	-99.8	-446514.0	-1133000.0	13.4
72.28	1772.8	-412.8	-56.0	495303.0	-1090000.0	12.9
72.29	1798.7	135.1	118.7	-162180.0	-1072000.0	12.7
72.30	1775.8	-61.8	157.1	74192.0	-1044000.0	12.3
72.31	1846.6	61.8	-157.1	-74192.0	-1129000.0	13.4
72.32	1823.7	-135.1	-118.7	162180.0	-1102000.0	13.0
72.33	1843.1	118.8	58.7	-142580.0	-1076000.0	12.7
72.34	1820.2	-78.2	97.1	93792.0	-1048000.0	12.4
72.35	1802.2	78.2	-97.1	-93792.0	-1125000.0	13.3
72.36	1779.3	-118.8	-58.7	142580.0	-1098000.0	13.0
73.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
73.2	3977.2	0.0	0.0	0.0	-2386000.0	28.3
73.3	1372.7	0.0	0.0	0.0	-823601.9	9.8
73.4	3565.4	0.0	0.0	0.0	-2139000.0	25.4
73.5	1723.8	154.2	479.2	-185056.0	-981794.1	11.7
73.6	1719.1	-79.7	490.6	95618.0	-976211.1	11.6
73.7	1903.3	79.7	-490.6	-95618.0	-1197000.0	14.2
73.8	1898.7	-154.2	-479.2	185056.0	-1192000.0	14.2
73.9	1722.7	64.7	478.2	-77602.0	-980468.0	11.6
73.10	1720.2	9.9	491.6	-11836.0	-977537.0	11.6
73.11	1902.2	-9.9	-491.6	11836.0	-1196000.0	14.2
73.12	1899.8	-64.7	-478.2	77602.0	-1193000.0	14.2
73.13	1735.2	137.3	290.6	-164724.0	-995555.0	11.8
73.14	1730.6	-96.6	302.0	115950.0	-989972.0	11.8
73.15	1891.8	96.6	-302.0	-115950.0	-1183000.0	14.0
73.16	1887.2	-137.3	-290.6	164724.0	-1178000.0	14.0
73.17	1734.1	47.7	289.5	-57270.0	-994228.0	11.8
73.18	1731.7	-7.1	303.0	8496.0	-991298.1	11.8
73.19	1890.7	7.1	-303.0	-8496.0	-1182000.0	14.0
73.20	1888.3	-47.7	-289.5	57270.0	-1179000.0	14.0
73.21	1792.0	401.0	126.4	-481205.0	-1064000.0	12.6
73.22	1776.5	-378.6	164.5	454374.0	-1045000.0	12.4
73.23	1845.9	378.6	-164.5	-454374.0	-1128000.0	13.4
73.24	1830.4	-401.0	-126.4	481205.0	-1110000.0	13.2
73.25	1795.5	395.9	69.9	-475106.0	-1068000.0	12.7
73.26	1780.0	-383.7	107.9	460474.0	-1049000.0	12.5
73.27	1842.5	383.7	-107.9	-460474.0	-1124000.0	13.3
73.28	1827.0	-395.9	-69.9	475106.0	-1106000.0	13.1
73.29	1788.4	102.5	123.1	-123026.0	-1059000.0	12.6
73.30	1780.2	-80.2	167.8	96194.0	-1050000.0	12.5
73.31	1842.2	80.2	-167.8	-96194.0	-1124000.0	13.3
73.32	1834.1	-102.5	-123.1	123026.0	-1114000.0	13.2
73.33	1791.8	97.4	66.5	-116926.0	-1063000.0	12.6
73.34	1783.7	-85.2	111.2	102294.0	-1054000.0	12.5

73.35	1838.8	85.2	-111.2	-102294.0	-1120000.0	13.3
73.36	1830.6	-97.4	-66.5	116926.0	-1110000.0	13.2
74.1	1784.5	0.0	0.0	0.0	-1071000.0	12.6
74.2	3977.2	0.0	0.0	0.0	-2386000.0	28.1
74.3	1372.7	0.0	0.0	0.0	-823601.9	9.7
74.4	3565.4	0.0	0.0	0.0	-2139000.0	25.2
74.5	1900.9	195.7	458.2	-234784.0	-1194000.0	14.1
74.6	1897.5	-33.4	467.1	40126.0	-1190000.0	14.0
74.7	1724.9	33.4	-467.1	-40126.0	-983133.0	11.6
74.8	1721.6	-195.7	-458.2	234784.0	-979134.0	11.5
74.9	1901.2	112.3	455.3	-134793.0	-1195000.0	14.1
74.10	1897.3	49.9	470.0	-59865.0	-1190000.0	14.0
74.11	1725.2	-49.9	-470.0	59865.0	-983463.0	11.6
74.12	1721.3	-112.3	-455.3	134793.0	-978803.0	11.5
74.13	1895.2	188.2	314.5	-225824.0	-1188000.0	14.0
74.14	1891.9	-40.9	323.3	49086.0	-1184000.0	13.9
74.15	1730.5	40.9	-323.3	-49086.0	-989908.0	11.7
74.16	1727.2	-188.2	-314.5	225824.0	-985909.0	11.6
74.17	1895.5	104.9	311.5	-125833.0	-1188000.0	14.0
74.18	1891.6	42.4	326.3	-50905.0	-1183000.0	13.9
74.19	1730.8	-42.4	-326.3	50905.0	-990238.0	11.7
74.20	1726.9	-104.9	-311.5	125833.0	-985579.0	11.6
74.21	1843.2	406.2	124.1	-487383.0	-1125000.0	13.2
74.22	1832.1	-357.5	153.5	428985.0	-1112000.0	13.1
74.23	1790.4	357.5	-153.5	-428985.0	-1062000.0	12.5
74.24	1779.3	-406.2	-124.1	487383.0	-1048000.0	12.3
74.25	1841.5	403.9	81.0	-484695.0	-1123000.0	13.2
74.26	1830.4	-359.7	110.3	431673.0	-1110000.0	13.1
74.27	1792.1	359.7	-110.3	-431673.0	-1064000.0	12.5
74.28	1781.0	-403.9	-81.0	484695.0	-1050000.0	12.4
74.29	1844.1	128.4	114.2	-154080.0	-1126000.0	13.3
74.30	1831.1	-79.7	163.4	95683.0	-1111000.0	13.1
74.31	1791.3	79.7	-163.4	-95683.0	-1063000.0	12.5
74.32	1778.3	-128.4	-114.2	154080.0	-1047000.0	12.3
74.33	1842.4	126.2	71.0	-151392.0	-1124000.0	13.2
74.34	1829.5	-82.0	120.3	98371.0	-1109000.0	13.1
74.35	1793.0	82.0	-120.3	-98371.0	-1065000.0	12.5
74.36	1780.0	-126.2	-71.0	151392.0	-1049000.0	12.3
75.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
75.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
75.3	1372.7	0.0	0.0	0.0	-823601.9	9.7
75.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
75.5	1894.4	233.9	416.9	-280690.0	-985804.0	11.6
75.6	1895.3	6.9	420.7	-8294.0	-986917.0	11.7
75.7	1727.1	-6.9	-420.7	8294.0	-1187000.0	14.0
75.8	1728.0	-233.9	-416.9	280690.0	-1188000.0	14.0
75.9	1895.9	153.9	413.0	-184710.0	-985095.0	11.6
75.10	1893.8	86.9	424.6	-104274.0	-987626.0	11.7
75.11	1728.6	-86.9	-424.6	104274.0	-1186000.0	14.0
75.12	1726.5	-153.9	-413.0	184710.0	-1188000.0	14.0
75.13	1897.4	220.1	348.0	-264075.0	-1190000.0	14.1
75.14	1898.4	-6.9	351.8	8321.0	-1191000.0	14.1
75.15	1724.1	6.9	-351.8	-8321.0	-982165.1	11.6
75.16	1725.0	-220.1	-348.0	264075.0	-983276.9	11.6
75.17	1898.9	140.1	344.1	-168095.0	-1189000.0	14.0
75.18	1896.8	73.0	355.7	-87659.0	-1192000.0	14.1
75.19	1725.6	-73.0	-355.7	87659.0	-981455.9	11.6
75.20	1723.5	-140.1	-344.1	168095.0	-983987.0	11.6
75.21	1834.8	414.5	119.3	-497341.0	-1055000.0	12.5
75.22	1837.9	-342.2	132.0	410646.0	-1058000.0	12.5
75.23	1784.6	342.2	-132.0	-410646.0	-1115000.0	13.2
75.24	1787.7	-414.5	-119.3	497341.0	-1119000.0	13.2

75.25	1835.7	410.3	98.6	-492357.0	-1116000.0	13.2
75.26	1838.8	-346.4	111.3	415630.0	-1120000.0	13.2
75.27	1783.7	346.4	-111.3	-415630.0	-1054000.0	12.4
75.28	1786.8	-410.3	-98.6	492357.0	-1057000.0	12.5
75.29	1839.8	147.8	106.4	-177407.0	-1052000.0	12.4
75.30	1832.8	-75.6	144.9	90712.0	-1061000.0	12.5
75.31	1789.6	75.6	-144.9	-90712.0	-1113000.0	13.1
75.32	1782.6	-147.8	-106.4	177407.0	-1121000.0	13.2
75.33	1840.7	143.7	85.7	-172423.0	-1114000.0	13.2
75.34	1833.7	-79.7	124.2	95697.0	-1122000.0	13.3
75.35	1788.7	79.7	-124.2	-95697.0	-1051000.0	12.4
75.36	1781.7	-143.7	-85.7	172423.0	-1060000.0	12.5
76.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
76.2	3977.2	0.0	0.0	0.0	-2386000.0	28.3
76.3	1372.7	0.0	0.0	0.0	-823601.9	9.8
76.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
76.5	1734.7	240.9	369.7	-289091.0	-988793.0	11.7
76.6	1729.6	12.7	377.5	-15274.0	-994953.0	11.8
76.7	1892.8	-12.7	-377.5	15274.0	-1179000.0	14.0
76.8	1887.7	-240.9	-369.7	289091.0	-1185000.0	14.0
76.9	1730.4	160.5	368.4	-192583.0	-993975.0	11.8
76.10	1733.9	93.2	378.8	-111783.0	-989771.0	11.7
76.11	1888.5	-93.2	-378.8	111783.0	-1184000.0	14.0
76.12	1892.0	-160.5	-368.4	192583.0	-1179000.0	14.0
76.13	1905.0	209.9	386.5	-251906.0	-1193000.0	14.1
76.14	1899.9	-18.3	394.4	21911.0	-1199000.0	14.2
76.15	1722.5	18.3	-394.4	-21911.0	-974155.9	11.5
76.16	1717.4	-209.9	-386.5	251906.0	-980316.0	11.6
76.17	1900.7	129.5	385.2	-155397.0	-1198000.0	14.2
76.18	1904.2	62.2	395.6	-74597.0	-1194000.0	14.1
76.19	1718.2	-62.2	-395.6	74597.0	-979338.0	11.6
76.20	1721.7	-129.5	-385.2	155397.0	-975134.0	11.6
76.21	1796.1	418.3	99.0	-502017.0	-1048000.0	12.4
76.22	1778.9	-342.3	125.2	410707.0	-1069000.0	12.7
76.23	1843.5	342.3	-125.2	-410707.0	-1105000.0	13.1
76.24	1826.4	-418.3	-99.0	502017.0	-1125000.0	13.3
76.25	1847.1	409.1	104.0	-490861.0	-1109000.0	13.1
76.26	1830.0	-351.6	130.2	421863.0	-1130000.0	13.4
76.27	1792.4	351.6	-130.2	-421863.0	-1044000.0	12.4
76.28	1775.3	-409.1	-104.0	490861.0	-1064000.0	12.6
76.29	1781.7	150.3	94.7	-180322.0	-1065000.0	12.6
76.30	1793.3	-74.2	129.4	89012.0	-1051000.0	12.5
76.31	1829.1	74.2	-129.4	-89012.0	-1122000.0	13.3
76.32	1840.8	-150.3	-94.7	180322.0	-1108000.0	13.1
76.33	1832.8	141.0	99.8	-169166.0	-1127000.0	13.4
76.34	1844.4	-83.5	134.5	100168.0	-1113000.0	13.2
76.35	1778.0	83.5	-134.5	-100168.0	-1061000.0	12.6
76.36	1789.7	-141.0	-99.8	169166.0	-1047000.0	12.4
77.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
77.2	3977.2	0.0	0.0	0.0	-2386000.0	28.4
77.3	1372.7	0.0	0.0	0.0	-823601.9	9.8
77.4	3565.4	0.0	0.0	0.0	-2139000.0	25.4
77.5	1739.0	212.7	332.1	-255188.0	-1173000.0	13.9
77.6	1732.0	-18.4	345.1	22048.0	-1182000.0	14.0
77.7	1890.4	18.4	-345.1	-22048.0	-991715.1	11.8
77.8	1883.4	-212.7	-332.1	255188.0	-1000000.0	11.9
77.9	1733.0	128.8	332.3	-154547.0	-1174000.0	13.9
77.10	1738.1	65.5	344.8	-78593.0	-1181000.0	14.0
77.11	1884.3	-65.5	-344.8	78593.0	-992851.0	11.8
77.12	1889.4	-128.8	-332.3	154547.0	-998971.0	11.9
77.13	1718.8	157.8	421.1	-189404.0	-1198000.0	14.2
77.14	1711.8	-73.2	434.1	87832.0	-1206000.0	14.3

77.15	1910.6	73.2	-434.1	-87832.0	-967480.0	11.5
77.16	1903.6	-157.8	-421.1	189404.0	-975871.0	11.6
77.17	1712.8	74.0	421.4	-88763.0	-1199000.0	14.2
77.18	1717.9	10.7	433.9	-12808.0	-1205000.0	14.3
77.19	1904.5	-10.7	-433.9	12808.0	-968615.1	11.5
77.20	1909.6	-74.0	-421.4	88763.0	-974734.9	11.6
77.21	1800.2	414.2	79.8	-497031.0	-1100000.0	13.1
77.22	1776.9	-355.9	123.3	427090.0	-1128000.0	13.4
77.23	1845.6	355.9	-123.3	-427090.0	-1045000.0	12.4
77.24	1822.3	-414.2	-79.8	497031.0	-1073000.0	12.8
77.25	1794.1	397.7	106.6	-477296.0	-1107000.0	13.2
77.26	1770.8	-372.4	150.0	446825.0	-1135000.0	13.5
77.27	1851.6	372.4	-150.0	-446825.0	-1038000.0	12.3
77.28	1828.3	-397.7	-106.6	477296.0	-1066000.0	12.7
77.29	1780.0	134.6	80.8	-161562.0	-1104000.0	13.1
77.30	1797.0	-76.4	122.4	91620.0	-1124000.0	13.4
77.31	1825.4	76.4	-122.4	-91620.0	-1049000.0	12.5
77.32	1842.4	-134.6	-80.8	161562.0	-1070000.0	12.7
77.33	1774.0	118.2	107.5	-141827.0	-1111000.0	13.2
77.34	1791.0	-92.8	149.1	111356.0	-1131000.0	13.4
77.35	1831.5	92.8	-149.1	-111356.0	-1042000.0	12.4
77.36	1848.5	-118.2	-107.5	141827.0	-1062000.0	12.6
78.1	1784.5	0.0	0.0	0.0	-1071000.0	12.6
78.2	3977.2	0.0	0.0	0.0	-2386000.0	28.1
78.3	1372.7	0.0	0.0	0.0	-823601.9	9.7
78.4	3565.4	0.0	0.0	0.0	-2139000.0	25.2
78.5	1882.9	195.6	303.2	-234671.0	-1176000.0	13.9
78.6	1885.6	-43.1	317.2	51724.0	-1173000.0	13.8
78.7	1736.8	43.1	-317.2	-51724.0	-1001000.0	11.8
78.8	1739.5	-195.6	-303.2	234671.0	-997471.0	11.7
78.9	1885.4	107.1	304.2	-128545.0	-1173000.0	13.8
78.10	1883.2	45.3	316.2	-54402.0	-1176000.0	13.9
78.11	1739.3	-45.3	-316.2	54402.0	-997747.0	11.8
78.12	1737.1	-107.1	-304.2	128545.0	-1000000.0	11.8
78.13	1712.1	193.0	433.2	-231584.0	-970963.0	11.4
78.14	1714.7	-45.7	447.3	54812.0	-967750.0	11.4
78.15	1907.7	45.7	-447.3	-54812.0	-1206000.0	14.2
78.16	1910.4	-193.0	-433.2	231584.0	-1202000.0	14.2
78.17	1714.5	104.5	434.3	-125458.0	-968026.0	11.4
78.18	1712.3	42.8	446.2	-51314.0	-970687.0	11.4
78.19	1910.1	-42.8	-446.2	51314.0	-1203000.0	14.2
78.20	1907.9	-104.5	-434.3	125458.0	-1205000.0	14.2
78.21	1828.7	420.6	69.6	-504769.0	-1118000.0	13.2
78.22	1837.6	-374.9	116.5	449885.0	-1108000.0	13.1
78.23	1784.8	374.9	-116.5	-449885.0	-1066000.0	12.6
78.24	1793.8	-420.6	-69.6	504769.0	-1055000.0	12.4
78.25	1777.4	419.9	108.6	-503842.0	-1057000.0	12.5
78.26	1786.3	-375.7	155.5	450811.0	-1046000.0	12.3
78.27	1836.1	375.7	-155.5	-450811.0	-1127000.0	13.3
78.28	1845.0	-419.9	-108.6	503842.0	-1117000.0	13.2
78.29	1836.8	125.8	73.2	-151014.0	-1109000.0	13.1
78.30	1829.4	-80.1	112.9	96130.0	-1117000.0	13.2
78.31	1793.0	80.1	-112.9	-96130.0	-1056000.0	12.4
78.32	1785.6	-125.8	-73.2	151014.0	-1065000.0	12.5
78.33	1785.6	125.1	112.2	-150088.0	-1047000.0	12.3
78.34	1778.2	-80.9	152.0	97056.0	-1056000.0	12.4
78.35	1844.3	80.9	-152.0	-97056.0	-1118000.0	13.2
78.36	1836.9	-125.1	-112.2	150088.0	-1126000.0	13.3
79.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
79.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
79.3	1372.7	0.0	0.0	0.0	-823601.9	9.7
79.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3

79.5	1749.1	241.7	250.1	-290023.0	-1012000.0	12.0
79.6	1745.0	-4.2	265.5	5098.0	-1007000.0	11.9
79.7	1877.4	4.2	-265.5	-5098.0	-1166000.0	13.8
79.8	1873.3	-241.7	-250.1	290023.0	-1161000.0	13.7
79.9	1745.6	154.8	251.4	-185765.0	-1008000.0	11.9
79.10	1748.5	82.6	264.1	-99160.0	-1011000.0	11.9
79.11	1873.9	-82.6	-264.1	99160.0	-1162000.0	13.7
79.12	1876.8	-154.8	-251.4	185765.0	-1165000.0	13.8
79.13	1903.3	285.1	400.9	-342174.0	-981075.0	11.6
79.14	1899.3	39.2	416.3	-47052.0	-976229.0	11.5
79.15	1723.2	-39.2	-416.3	47052.0	-1197000.0	14.1
79.16	1719.1	-285.1	-400.9	342174.0	-1192000.0	14.1
79.17	1899.9	198.3	402.2	-237915.0	-976946.0	11.5
79.18	1902.7	126.1	415.0	-151310.0	-980358.0	11.6
79.19	1719.7	-126.1	-415.0	151310.0	-1193000.0	14.1
79.20	1722.6	-198.3	-402.2	237915.0	-1197000.0	14.1
79.21	1798.7	445.5	51.6	-534608.0	-1072000.0	12.7
79.22	1785.2	-374.3	103.0	449130.0	-1056000.0	12.5
79.23	1837.2	374.3	-103.0	-449130.0	-1118000.0	13.2
79.24	1823.7	-445.5	-51.6	534608.0	-1102000.0	13.0
79.25	1845.0	458.5	96.9	-550253.0	-1062000.0	12.6
79.26	1831.5	-361.2	148.3	433485.0	-1046000.0	12.4
79.27	1790.9	361.2	-148.3	-433485.0	-1127000.0	13.3
79.28	1777.5	-458.5	-96.9	550253.0	-1111000.0	13.1
79.29	1787.2	155.9	56.1	-187081.0	-1058000.0	12.5
79.30	1796.7	-84.7	98.6	101603.0	-1069000.0	12.6
79.31	1825.7	84.7	-98.6	-101603.0	-1104000.0	13.0
79.32	1835.2	-155.9	-56.1	187081.0	-1116000.0	13.2
79.33	1833.5	168.9	101.4	-202726.0	-1049000.0	12.4
79.34	1843.0	-71.6	143.8	85958.0	-1060000.0	12.5
79.35	1779.5	71.6	-143.8	-85958.0	-1113000.0	13.2
79.36	1788.9	-168.9	-101.4	202726.0	-1125000.0	13.3
80.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
80.2	3977.2	0.0	0.0	0.0	-2386000.0	28.3
80.3	1372.7	0.0	0.0	0.0	-823601.9	9.8
80.4	3565.4	0.0	0.0	0.0	-2139000.0	25.4
80.5	1866.8	246.6	184.1	-295930.0	-1153000.0	13.7
80.6	1863.3	-0.7	204.9	791.0	-1149000.0	13.6
80.7	1759.2	0.7	-204.9	-791.0	-1024000.0	12.1
80.8	1755.6	-246.6	-184.1	295930.0	-1020000.0	12.1
80.9	1866.9	159.4	182.8	-191334.0	-1154000.0	13.7
80.10	1863.2	86.5	206.2	-103804.0	-1149000.0	13.6
80.11	1759.3	-86.5	-206.2	103804.0	-1024000.0	12.1
80.12	1755.5	-159.4	-182.8	191334.0	-1020000.0	12.1
80.13	1894.9	304.6	351.5	-365519.0	-1187000.0	14.1
80.14	1891.4	57.3	372.2	-68798.0	-1183000.0	14.0
80.15	1731.1	-57.3	-372.2	68798.0	-990545.0	11.7
80.16	1727.5	-304.6	-351.5	365519.0	-986255.9	11.7
80.17	1895.0	217.4	350.2	-260924.0	-1187000.0	14.1
80.18	1891.3	144.5	373.5	-173394.0	-1183000.0	14.0
80.19	1731.2	-144.5	-373.5	173394.0	-990663.9	11.7
80.20	1727.4	-217.4	-350.2	260924.0	-986137.0	11.7
80.21	1833.3	449.0	23.8	-538807.0	-1113000.0	13.2
80.22	1821.4	-375.2	92.9	450265.0	-1099000.0	13.0
80.23	1801.0	375.2	-92.9	-450265.0	-1074000.0	12.7
80.24	1789.1	-449.0	-23.8	538807.0	-1060000.0	12.6
80.25	1841.8	466.4	74.0	-559683.0	-1123000.0	13.3
80.26	1829.8	-357.8	143.1	429388.0	-1109000.0	13.1
80.27	1792.6	357.8	-143.1	-429388.0	-1064000.0	12.6
80.28	1780.7	-466.4	-74.0	559683.0	-1050000.0	12.4
80.29	1833.7	158.5	19.4	-190154.0	-1114000.0	13.2
80.30	1821.1	-84.7	97.3	101613.0	-1099000.0	13.0

80.31	1801.4	84.7	-97.3	-101613.0	-1075000.0	12.7
80.32	1788.8	-158.5	-19.4	190154.0	-1060000.0	12.6
80.33	1842.1	175.9	69.7	-211031.0	-1124000.0	13.3
80.34	1829.5	-67.3	147.5	80736.0	-1109000.0	13.1
80.35	1792.9	67.3	-147.5	-80736.0	-1065000.0	12.6
80.36	1780.3	-175.9	-69.7	211031.0	-1050000.0	12.4
81.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
81.2	3977.2	0.0	0.0	0.0	-2386000.0	28.4
81.3	1372.7	0.0	0.0	0.0	-823601.9	9.8
81.4	3565.4	0.0	0.0	0.0	-2139000.0	25.4
81.5	1858.3	207.5	132.3	-249015.0	-1030000.0	12.3
81.6	1853.8	-35.0	161.0	42054.0	-1036000.0	12.3
81.7	1768.6	35.0	-161.0	-42054.0	-1138000.0	13.5
81.8	1764.1	-207.5	-132.3	249015.0	-1143000.0	13.6
81.9	1853.6	118.3	129.8	-141935.0	-1030000.0	12.3
81.10	1858.5	54.2	163.5	-65026.0	-1036000.0	12.3
81.11	1763.9	-54.2	-163.5	65026.0	-1138000.0	13.5
81.12	1768.8	-118.3	-129.8	141935.0	-1144000.0	13.6
81.13	1738.2	246.2	321.3	-295428.0	-993716.0	11.8
81.14	1733.7	3.6	350.0	-4359.0	-999159.0	11.9
81.15	1888.7	-3.6	-350.0	4359.0	-1174000.0	14.0
81.16	1884.2	-246.2	-321.3	295428.0	-1180000.0	14.0
81.17	1733.5	157.0	318.8	-188349.0	-993469.1	11.8
81.18	1738.4	92.9	352.5	-111439.0	-999405.9	11.9
81.19	1884.0	-92.9	-352.5	111439.0	-1174000.0	14.0
81.20	1888.9	-157.0	-318.8	188349.0	-1180000.0	14.0
81.21	1832.2	430.1	-3.9	-516159.0	-1062000.0	12.6
81.22	1817.1	-378.4	91.8	454071.0	-1080000.0	12.8
81.23	1805.3	378.4	-91.8	-454071.0	-1094000.0	13.0
81.24	1790.2	-430.1	3.9	516159.0	-1112000.0	13.2
81.25	1796.2	441.7	52.8	-530083.0	-1051000.0	12.5
81.26	1781.1	-366.8	148.5	440147.0	-1069000.0	12.7
81.27	1841.3	366.8	-148.5	-440147.0	-1105000.0	13.1
81.28	1826.2	-441.7	-52.8	530083.0	-1123000.0	13.4
81.29	1816.4	132.7	-12.2	-159226.0	-1061000.0	12.6
81.30	1832.9	-80.9	100.2	97138.0	-1080000.0	12.8
81.31	1789.5	80.9	-100.2	-97138.0	-1093000.0	13.0
81.32	1806.0	-132.7	12.2	159226.0	-1113000.0	13.2
81.33	1780.4	144.3	44.5	-173150.0	-1050000.0	12.5
81.34	1796.9	-69.3	156.9	83214.0	-1070000.0	12.7
81.35	1825.5	69.3	-156.9	-83214.0	-1104000.0	13.1
81.36	1842.0	-144.3	-44.5	173150.0	-1124000.0	13.4
82.1	1784.5	0.0	0.0	0.0	-1071000.0	13.2
82.2	3977.2	0.0	0.0	0.0	-2386000.0	29.5
82.3	1372.7	0.0	0.0	0.0	-823601.9	10.2
82.4	3565.4	0.0	0.0	0.0	-2139000.0	26.4
82.5	1856.9	176.3	107.4	-211587.0	-1142000.0	14.1
82.6	1846.9	-59.6	143.1	71531.0	-1130000.0	13.9
82.7	1775.5	59.6	-143.1	-71531.0	-1044000.0	12.9
82.8	1765.5	-176.3	-107.4	211587.0	-1032000.0	12.8
82.9	1855.4	87.0	107.4	-104377.0	-1131000.0	13.9
82.10	1848.4	29.7	143.1	-35679.0	-1140000.0	14.0
82.11	1774.0	-29.7	-143.1	35679.0	-1034000.0	12.8
82.12	1767.0	-87.0	-107.4	104377.0	-1042000.0	12.9
82.13	1887.8	188.3	313.6	-225924.0	-1179000.0	14.5
82.14	1877.8	-47.7	349.3	57195.0	-1167000.0	14.4
82.15	1744.6	47.7	-349.3	-57195.0	-1007000.0	12.5
82.16	1734.6	-188.3	-313.6	225924.0	-994821.0	12.3
82.17	1886.3	98.9	313.6	-118714.0	-1168000.0	14.4
82.18	1879.3	41.7	349.3	-50016.0	-1177000.0	14.5
82.19	1743.1	-41.7	-349.3	50016.0	-996626.0	12.3
82.20	1736.1	-98.9	-313.6	118714.0	-1005000.0	12.4

82.21	1840.0	410.7	-22.0	-492873.0	-1121000.0	13.8
82.22	1806.8	-375.7	97.2	450856.0	-1081000.0	13.3
82.23	1815.6	375.7	-97.2	-450856.0	-1092000.0	13.5
82.24	1782.4	-410.7	22.0	492873.0	-1052000.0	13.0
82.25	1849.3	414.3	39.8	-497174.0	-1132000.0	14.0
82.26	1816.1	-372.1	159.0	446555.0	-1093000.0	13.5
82.27	1806.3	372.1	-159.0	-446555.0	-1081000.0	13.3
82.28	1773.1	-414.3	-39.8	497174.0	-1041000.0	12.9
82.29	1835.0	112.9	-22.0	-135504.0	-1087000.0	13.4
82.30	1811.8	-77.9	97.2	93488.0	-1115000.0	13.8
82.31	1810.6	77.9	-97.2	-93488.0	-1058000.0	13.1
82.32	1787.4	-112.9	22.0	135504.0	-1086000.0	13.4
82.33	1844.3	116.5	39.8	-139805.0	-1099000.0	13.6
82.34	1821.1	-74.3	159.0	89187.0	-1126000.0	13.9
82.35	1801.3	74.3	-159.0	-89187.0	-1047000.0	12.9
82.36	1778.1	-116.5	-39.8	139805.0	-1075000.0	13.3
83.1	1784.5	0.0	0.0	0.0	-1071000.0	12.5
83.2	3977.2	0.0	0.0	0.0	-2386000.0	27.9
83.3	1372.7	0.0	0.0	0.0	-823601.9	9.6
83.4	3565.4	0.0	0.0	0.0	-2139000.0	25.0
83.5	1780.7	179.3	86.9	-215195.0	-1050000.0	12.3
83.6	1768.3	-50.8	123.2	60977.0	-1035000.0	12.1
83.7	1854.2	50.8	-123.2	-60977.0	-1138000.0	13.3
83.8	1841.7	-179.3	-86.9	215195.0	-1123000.0	13.1
83.9	1770.1	93.5	88.5	-112215.0	-1037000.0	12.1
83.10	1778.9	35.0	121.6	-42003.0	-1048000.0	12.2
83.11	1843.5	-35.0	-121.6	42003.0	-1125000.0	13.2
83.12	1852.4	-93.5	-88.5	112215.0	-1136000.0	13.3
83.13	1749.2	188.8	300.5	-226569.0	-1012000.0	11.8
83.14	1736.7	-41.3	336.9	49604.0	-997324.0	11.6
83.15	1885.7	41.3	-336.9	-49604.0	-1176000.0	13.8
83.16	1873.3	-188.8	-300.5	226569.0	-1161000.0	13.6
83.17	1738.5	103.0	302.2	-123588.0	-999466.0	11.7
83.18	1747.4	44.5	335.2	-53376.0	-1010000.0	11.8
83.19	1875.1	-44.5	-335.2	53376.0	-1163000.0	13.6
83.20	1883.9	-103.0	-302.2	123588.0	-1174000.0	13.7
83.21	1820.9	402.9	-29.0	-483420.0	-1098000.0	12.8
83.22	1779.5	-364.3	92.1	437155.0	-1049000.0	12.3
83.23	1843.0	364.3	-92.1	-437155.0	-1125000.0	13.2
83.24	1801.5	-402.9	29.0	483420.0	-1075000.0	12.6
83.25	1811.5	405.7	35.0	-486832.0	-1087000.0	12.7
83.26	1770.0	-361.5	156.2	433743.0	-1037000.0	12.1
83.27	1852.4	361.5	-156.2	-433743.0	-1136000.0	13.3
83.28	1811.0	-405.7	-35.0	486832.0	-1086000.0	12.7
83.29	1785.4	116.8	-23.6	-140153.0	-1056000.0	12.3
83.30	1815.0	-78.2	86.7	93888.0	-1091000.0	12.8
83.31	1807.5	78.2	-86.7	-93888.0	-1082000.0	12.6
83.32	1837.0	-116.8	23.6	140153.0	-1118000.0	13.1
83.33	1776.0	119.6	40.5	-143565.0	-1044000.0	12.2
83.34	1805.5	-75.4	150.8	90476.0	-1080000.0	12.6
83.35	1816.9	75.4	-150.8	-90476.0	-1094000.0	12.8
83.36	1846.5	-119.6	-40.5	143565.0	-1129000.0	13.2
84.1	1784.5	0.0	0.0	0.0	-1071000.0	13.3
84.2	3977.2	0.0	0.0	0.0	-2386000.0	29.6
84.3	1372.7	0.0	0.0	0.0	-823601.9	10.2
84.4	3565.4	0.0	0.0	0.0	-2139000.0	26.6
84.5	1775.4	177.9	67.0	-213527.0	-1044000.0	13.0
84.6	1784.9	-45.8	98.4	54916.0	-1055000.0	13.1
84.7	1837.5	45.8	-98.4	-54916.0	-1118000.0	13.9
84.8	1847.0	-177.9	-67.0	213527.0	-1130000.0	14.0
84.9	1776.4	95.3	69.2	-114381.0	-1045000.0	13.0
84.10	1783.9	36.9	96.2	-44230.0	-1054000.0	13.1

84.11	1838.5	-36.9	-96.2	44230.0	-1120000.0	13.9
84.12	1846.0	-95.3	-69.2	114381.0	-1128000.0	14.0
84.13	1741.8	188.1	278.9	-225743.0	-1003000.0	12.5
84.14	1751.3	-35.6	310.3	42700.0	-1015000.0	12.6
84.15	1871.1	35.6	-310.3	-42700.0	-1159000.0	14.4
84.16	1880.6	-188.1	-278.9	225743.0	-1170000.0	14.5
84.17	1742.8	105.5	281.1	-126597.0	-1005000.0	12.5
84.18	1750.3	47.0	308.1	-56446.0	-1014000.0	12.6
84.19	1872.1	-47.0	-308.1	56446.0	-1160000.0	14.4
84.20	1879.6	-105.5	-281.1	126597.0	-1169000.0	14.5
84.21	1786.1	392.7	-27.6	-471197.0	-1057000.0	13.1
84.22	1817.7	-353.0	77.2	423613.0	-1094000.0	13.6
84.23	1804.8	353.0	-77.2	-423613.0	-1079000.0	13.4
84.24	1836.3	-392.7	27.6	471197.0	-1117000.0	13.9
84.25	1776.0	395.7	36.0	-474861.0	-1045000.0	13.0
84.26	1807.6	-350.0	140.8	419948.0	-1082000.0	13.4
84.27	1814.8	350.0	-140.8	-419948.0	-1091000.0	13.5
84.28	1846.4	-395.7	-36.0	474861.0	-1129000.0	14.0
84.29	1789.4	117.3	-20.1	-140710.0	-1061000.0	13.2
84.30	1814.4	-77.6	69.7	93127.0	-1091000.0	13.5
84.31	1808.0	77.6	-69.7	-93127.0	-1083000.0	13.5
84.32	1833.0	-117.3	20.1	140710.0	-1113000.0	13.8
84.33	1779.3	120.3	43.5	-144375.0	-1048000.0	13.0
84.34	1804.3	-74.6	133.3	89462.0	-1078000.0	13.4
84.35	1818.1	74.6	-133.3	-89462.0	-1095000.0	13.6
84.36	1843.1	-120.3	-43.5	144375.0	-1125000.0	13.9
85.1	1784.5	0.0	0.0	0.0	-1071000.0	12.6
85.2	3977.2	0.0	0.0	0.0	-2386000.0	28.1
85.3	1372.7	0.0	0.0	0.0	-823601.9	9.7
85.4	3565.4	0.0	0.0	0.0	-2139000.0	25.2
85.5	1783.1	174.6	48.7	-209499.0	-1053000.0	12.4
85.6	1789.2	-43.5	72.3	52211.0	-1060000.0	12.5
85.7	1833.2	43.5	-72.3	-52211.0	-1113000.0	13.1
85.8	1839.3	-174.6	-48.7	209499.0	-1120000.0	13.2
85.9	1783.3	94.0	50.9	-112849.0	-1053000.0	12.4
85.10	1789.0	37.0	70.1	-44439.0	-1060000.0	12.5
85.11	1833.4	-37.0	-70.1	44439.0	-1113000.0	13.1
85.12	1839.1	-94.0	-50.9	112849.0	-1120000.0	13.2
85.13	1746.5	183.8	251.8	-220512.0	-1009000.0	11.9
85.14	1752.6	-34.3	275.4	41199.0	-1016000.0	11.9
85.15	1869.8	34.3	-275.4	-41199.0	-1157000.0	13.6
85.16	1875.9	-183.8	-251.8	220512.0	-1164000.0	13.7
85.17	1746.7	103.2	254.0	-123861.0	-1009000.0	11.9
85.18	1752.4	46.2	273.2	-55451.0	-1016000.0	11.9
85.19	1870.0	-46.2	-273.2	55451.0	-1157000.0	13.6
85.20	1875.7	-103.2	-254.0	123861.0	-1164000.0	13.7
85.21	1793.6	383.1	-21.2	-459777.0	-1066000.0	12.5
85.22	1813.8	-343.8	57.5	412591.0	-1090000.0	12.8
85.23	1808.6	343.8	-57.5	-412591.0	-1084000.0	12.7
85.24	1828.8	-383.1	21.2	459777.0	-1108000.0	13.0
85.25	1782.6	385.9	39.7	-463081.0	-1052000.0	12.4
85.26	1802.8	-341.1	118.4	409287.0	-1077000.0	12.7
85.27	1819.6	341.1	-118.4	-409287.0	-1097000.0	12.9
85.28	1839.8	-385.9	-39.7	463081.0	-1121000.0	13.2
85.29	1794.2	114.7	-13.7	-137609.0	-1066000.0	12.5
85.30	1813.2	-75.4	50.0	90423.0	-1089000.0	12.8
85.31	1809.2	75.4	-50.0	-90423.0	-1084000.0	12.7
85.32	1828.3	-114.7	13.7	137609.0	-1107000.0	13.0
85.33	1783.2	117.4	47.2	-140913.0	-1053000.0	12.4
85.34	1802.3	-72.6	110.9	87119.0	-1076000.0	12.7
85.35	1820.2	72.6	-110.9	-87119.0	-1097000.0	12.9
85.36	1839.2	-117.4	-47.2	140913.0	-1120000.0	13.2

86.1	1784.5	0.0	0.0	0.0	-1071000.0	13.4
86.2	3977.2	0.0	0.0	0.0	-2386000.0	29.8
86.3	1372.7	0.0	0.0	0.0	-823601.9	10.3
86.4	3565.4	0.0	0.0	0.0	-2139000.0	26.7
86.5	1788.2	163.8	33.7	-196590.0	-1066000.0	13.3
86.6	1794.0	-46.5	48.8	55780.0	-1059000.0	13.2
86.7	1828.4	46.5	-48.8	-55780.0	-1114000.0	13.9
86.8	1834.3	-163.8	-33.7	196590.0	-1107000.0	13.8
86.9	1794.1	85.7	35.2	-102807.0	-1059000.0	13.2
86.10	1788.1	31.7	47.3	-38003.0	-1066000.0	13.3
86.11	1834.3	-31.7	-47.3	38003.0	-1107000.0	13.8
86.12	1828.3	-85.7	-35.2	102807.0	-1114000.0	13.9
86.13	1748.6	170.8	225.2	-204935.0	-1019000.0	12.8
86.14	1754.4	-39.5	240.3	47435.0	-1012000.0	12.7
86.15	1868.0	39.5	-240.3	-47435.0	-1162000.0	14.5
86.16	1873.8	-170.8	-225.2	204935.0	-1155000.0	14.4
86.17	1754.5	92.6	226.7	-111152.0	-1011000.0	12.7
86.18	1748.5	38.6	238.8	-46348.0	-1019000.0	12.8
86.19	1873.9	-38.6	-238.8	46348.0	-1155000.0	14.4
86.20	1867.9	-92.6	-226.7	111152.0	-1162000.0	14.5
86.21	1795.4	368.1	-12.7	-441739.0	-1091000.0	13.6
86.22	1814.9	-332.9	37.5	399495.0	-1068000.0	13.4
86.23	1807.5	332.9	-37.5	-399495.0	-1106000.0	13.8
86.24	1827.0	-368.1	12.7	441739.0	-1082000.0	13.5
86.25	1783.5	370.2	44.7	-444242.0	-1077000.0	13.5
86.26	1803.1	-330.8	94.9	396992.0	-1054000.0	13.2
86.27	1819.4	330.8	-94.9	-396992.0	-1120000.0	14.0
86.28	1838.9	-370.2	-44.7	444242.0	-1097000.0	13.7
86.29	1815.2	107.6	-7.7	-129129.0	-1067000.0	13.3
86.30	1795.1	-72.4	32.4	86885.0	-1092000.0	13.6
86.31	1827.3	72.4	-32.4	-86885.0	-1082000.0	13.5
86.32	1807.2	-107.6	7.7	129129.0	-1106000.0	13.8
86.33	1803.4	109.7	49.8	-131632.0	-1053000.0	13.2
86.34	1783.3	-70.3	89.9	84382.0	-1077000.0	13.5
86.35	1839.2	70.3	-89.9	-84382.0	-1096000.0	13.7
86.36	1819.1	-109.7	-49.8	131632.0	-1120000.0	14.0
87.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
87.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
87.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
87.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
87.5	1796.3	-17.7	51.3	21217.0	-1074000.0	12.7
87.6	1830.5	-38.6	-106.3	46287.0	-1115000.0	13.2
87.7	1775.1	38.6	106.3	-46287.0	-1048000.0	12.4
87.8	1809.3	17.7	-51.3	-21217.0	-1089000.0	12.9
87.9	1799.4	-10.7	4.2	12867.0	-1111000.0	13.1
87.10	1827.4	-45.5	-59.1	54636.0	-1078000.0	12.8
87.11	1778.2	45.5	59.1	-54636.0	-1086000.0	12.9
87.12	1806.2	10.7	-4.2	-12867.0	-1052000.0	12.4
87.13	1779.1	-329.3	60.1	395174.0	-1053000.0	12.5
87.14	1813.3	-350.2	-97.6	420244.0	-1094000.0	12.9
87.15	1792.4	350.2	97.6	-420244.0	-1069000.0	12.6
87.16	1826.5	329.3	-60.1	-395174.0	-1110000.0	13.1
87.17	1782.2	-322.4	12.9	386824.0	-1091000.0	12.9
87.18	1810.2	-357.2	-50.4	428594.0	-1057000.0	12.5
87.19	1795.4	357.2	50.4	-428594.0	-1106000.0	13.1
87.20	1823.4	322.4	-12.9	-386824.0	-1073000.0	12.7
87.21	1749.1	26.4	254.4	-31657.0	-1017000.0	12.0
87.22	1862.9	-43.3	-270.9	51908.0	-1154000.0	13.7
87.23	1742.7	43.3	270.9	-51908.0	-1010000.0	12.0
87.24	1856.5	-26.4	-254.4	31657.0	-1146000.0	13.6
87.25	1743.9	-67.1	257.1	80530.0	-1011000.0	12.0
87.26	1857.7	-136.7	-268.3	164096.0	-1148000.0	13.6

87.27	1747.9	136.7	268.3	-164096.0	-1016000.0	12.0
87.28	1861.7	67.1	-257.1	-80530.0	-1152000.0	13.6
87.29	1759.3	49.6	97.2	-59490.0	-1141000.0	13.5
87.30	1852.6	-66.5	-113.7	79741.0	-1030000.0	12.2
87.31	1753.0	66.5	113.7	-79741.0	-1134000.0	13.4
87.32	1846.3	-49.6	-97.2	59490.0	-1022000.0	12.1
87.33	1754.2	-43.9	99.8	52697.0	-1135000.0	13.4
87.34	1847.5	-159.9	-111.1	191929.0	-1023000.0	12.1
87.35	1758.1	159.9	111.1	-191929.0	-1140000.0	13.5
87.36	1851.5	43.9	-99.8	-52697.0	-1028000.0	12.2
88.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
88.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
88.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
88.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
88.5	1831.7	-23.7	53.3	28381.0	-1089000.0	12.9
88.6	1796.4	-44.5	-114.8	53412.0	-1047000.0	12.4
88.7	1809.2	44.5	114.8	-53412.0	-1116000.0	13.2
88.8	1773.9	23.7	-53.3	-28381.0	-1074000.0	12.7
88.9	1830.0	-17.2	7.8	20591.0	-1087000.0	12.9
88.10	1798.2	-51.0	-69.4	61202.0	-1049000.0	12.4
88.11	1807.5	51.0	69.4	-61202.0	-1114000.0	13.2
88.12	1775.6	17.2	-7.8	-20591.0	-1076000.0	12.7
88.13	1826.6	-343.3	62.2	412005.0	-1110000.0	13.1
88.14	1791.2	-364.2	-105.8	437036.0	-1068000.0	12.6
88.15	1814.4	364.2	105.8	-437036.0	-1096000.0	13.0
88.16	1779.0	343.3	-62.2	-412005.0	-1053000.0	12.5
88.17	1824.8	-336.8	16.8	404216.0	-1108000.0	13.1
88.18	1793.0	-370.7	-60.4	444826.0	-1070000.0	12.7
88.19	1812.6	370.7	60.4	-444826.0	-1093000.0	12.9
88.20	1780.8	336.8	-16.8	-404216.0	-1055000.0	12.5
88.21	1865.1	24.5	270.9	-29450.0	-1148000.0	13.6
88.22	1747.3	-45.0	-289.3	53988.0	-1007000.0	11.9
88.23	1858.3	45.0	289.3	-53988.0	-1156000.0	13.7
88.24	1740.6	-24.5	-270.9	29450.0	-1015000.0	12.0
88.25	1863.5	-71.4	273.5	85637.0	-1155000.0	13.7
88.26	1745.8	-140.9	-286.6	169075.0	-1013000.0	12.0
88.27	1859.9	140.9	286.6	-169075.0	-1150000.0	13.6
88.28	1742.1	71.4	-273.5	-85637.0	-1009000.0	11.9
88.29	1859.2	46.2	119.4	-55415.0	-1141000.0	13.5
88.30	1753.2	-66.6	-137.9	79953.0	-1014000.0	12.0
88.31	1852.4	66.6	137.9	-79953.0	-1149000.0	13.6
88.32	1746.4	-46.2	-119.4	55415.0	-1022000.0	12.1
88.33	1857.6	-49.7	122.1	59672.0	-1147000.0	13.6
88.34	1751.6	-162.5	-135.2	195040.0	-1020000.0	12.1
88.35	1854.0	162.5	135.2	-195040.0	-1143000.0	13.5
88.36	1748.0	49.7	-122.1	-59672.0	-1016000.0	12.0
89.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
89.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
89.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
89.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
89.5	1808.1	-21.2	49.6	25474.0	-1088000.0	12.9
89.6	1772.0	-51.0	-119.7	61184.0	-1045000.0	12.4
89.7	1833.6	51.0	119.7	-61184.0	-1119000.0	13.2
89.8	1797.5	21.2	-49.6	-25474.0	-1075000.0	12.7
89.9	1807.7	-21.6	10.0	25897.0	-1088000.0	12.9
89.10	1772.4	-50.6	-80.0	60761.0	-1045000.0	12.4
89.11	1833.2	50.6	80.0	-60761.0	-1118000.0	13.2
89.12	1797.9	21.6	-10.0	-25897.0	-1076000.0	12.7
89.13	1828.0	-347.8	63.9	417313.0	-1112000.0	13.2
89.14	1791.8	-377.5	-105.4	453023.0	-1069000.0	12.6
89.15	1813.8	377.5	105.4	-453023.0	-1095000.0	13.0
89.16	1777.6	347.8	-63.9	-417313.0	-1051000.0	12.4

89.17	1827.5	-348.1	24.2	417736.0	-1111000.0	13.1
89.18	1792.3	-377.2	-65.8	452599.0	-1069000.0	12.6
89.19	1813.3	377.2	65.8	-452599.0	-1094000.0	12.9
89.20	1778.1	348.1	-24.2	-417736.0	-1052000.0	12.4
89.21	1859.3	38.8	271.6	-46518.0	-1149000.0	13.6
89.22	1738.7	-60.4	-292.6	72515.0	-1005000.0	11.9
89.23	1866.9	60.4	292.6	-72515.0	-1159000.0	13.7
89.24	1746.4	-38.8	-271.6	46518.0	-1014000.0	12.0
89.25	1865.2	-59.2	275.9	71034.0	-1157000.0	13.7
89.26	1744.7	-158.4	-288.3	190067.0	-1012000.0	12.0
89.27	1861.0	158.4	288.3	-190067.0	-1151000.0	13.6
89.28	1740.4	59.2	-275.9	-71034.0	-1007000.0	11.9
89.29	1857.8	37.6	139.5	-45108.0	-1148000.0	13.6
89.30	1740.2	-59.3	-160.6	71105.0	-1007000.0	11.9
89.31	1865.4	59.3	160.6	-71105.0	-1157000.0	13.7
89.32	1747.9	-37.6	-139.5	45108.0	-1016000.0	12.0
89.33	1863.7	-60.4	143.8	72444.0	-1155000.0	13.7
89.34	1746.2	-157.2	-156.3	188657.0	-1014000.0	12.0
89.35	1859.5	157.2	156.3	-188657.0	-1150000.0	13.6
89.36	1741.9	60.4	-143.8	-72444.0	-1009000.0	11.9
90.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
90.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
90.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
90.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
90.5	1807.0	-14.7	41.5	17637.0	-1121000.0	13.3
90.6	1769.7	-58.5	-120.0	70231.0	-1077000.0	12.7
90.7	1835.9	58.5	120.0	-70231.0	-1087000.0	12.9
90.8	1798.6	14.7	-41.5	-17637.0	-1042000.0	12.3
90.9	1807.7	-24.2	10.7	29048.0	-1122000.0	13.3
90.10	1769.1	-49.0	-89.3	58821.0	-1076000.0	12.7
90.11	1836.5	49.0	89.3	-58821.0	-1088000.0	12.9
90.12	1797.9	24.2	-10.7	-29048.0	-1041000.0	12.3
90.13	1833.7	-344.4	62.9	413335.0	-1119000.0	13.2
90.14	1796.4	-388.3	-98.6	465930.0	-1074000.0	12.7
90.15	1809.2	388.3	98.6	-465930.0	-1089000.0	12.9
90.16	1771.9	344.4	-62.9	-413335.0	-1045000.0	12.4
90.17	1834.4	-354.0	32.1	424746.0	-1120000.0	13.3
90.18	1795.8	-378.8	-67.9	454519.0	-1073000.0	12.7
90.19	1809.8	378.8	67.9	-454519.0	-1090000.0	12.9
90.20	1771.2	354.0	-32.1	-424746.0	-1044000.0	12.4
90.21	1860.6	62.1	257.3	-74477.0	-1161000.0	13.7
90.22	1736.3	-84.0	-280.8	100837.0	-1012000.0	12.0
90.23	1869.3	84.0	280.8	-100837.0	-1151000.0	13.6
90.24	1745.0	-62.1	-257.3	74477.0	-1002000.0	11.9
90.25	1868.6	-36.9	263.7	44233.0	-1161000.0	13.7
90.26	1744.4	-183.0	-274.4	219547.0	-1012000.0	12.0
90.27	1861.3	183.0	274.4	-219547.0	-1152000.0	13.6
90.28	1737.0	36.9	-263.7	-44233.0	-1003000.0	11.9
90.29	1862.8	30.4	154.9	-36442.0	-1164000.0	13.8
90.30	1734.2	-52.3	-178.5	62802.0	-1010000.0	12.0
90.31	1871.4	52.3	178.5	-62802.0	-1154000.0	13.7
90.32	1742.8	-30.4	-154.9	36442.0	-999330.9	11.8
90.33	1870.8	-68.6	161.3	82268.0	-1163000.0	13.8
90.34	1742.2	-151.3	-172.0	181512.0	-1009000.0	11.9
90.35	1863.4	151.3	172.0	-181512.0	-1154000.0	13.7
90.36	1734.8	68.6	-161.3	-82268.0	-1000000.0	11.8
91.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
91.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
91.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
91.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
91.5	1806.8	-9.7	32.0	11611.0	-1087000.0	12.9
91.6	1767.6	-63.6	-118.0	76342.0	-1039000.0	12.3

91.7	1838.0	63.6	118.0	-76342.0	-1124000.0	13.3
91.8	1798.8	9.7	-32.0	-11611.0	-1077000.0	12.7
91.9	1808.2	-24.9	10.4	29821.0	-1088000.0	12.9
91.10	1766.2	-48.4	-96.4	58132.0	-1038000.0	12.3
91.11	1839.4	48.4	96.4	-58132.0	-1126000.0	13.3
91.12	1797.4	24.9	-10.4	-29821.0	-1075000.0	12.7
91.13	1835.6	-337.0	58.1	404428.0	-1121000.0	13.3
91.14	1796.3	-391.0	-91.8	469158.0	-1074000.0	12.7
91.15	1809.3	391.0	91.8	-469158.0	-1089000.0	12.9
91.16	1770.0	337.0	-58.1	-404428.0	-1042000.0	12.3
91.17	1837.0	-352.2	36.6	422638.0	-1123000.0	13.3
91.18	1794.9	-375.8	-70.3	450949.0	-1072000.0	12.7
91.19	1810.7	375.8	70.3	-450949.0	-1091000.0	12.9
91.20	1768.6	352.2	-36.6	-422638.0	-1041000.0	12.3
91.21	1863.6	78.9	237.0	-94690.0	-1155000.0	13.7
91.22	1732.7	-100.9	-262.8	121076.0	-997569.1	11.8
91.23	1872.9	100.9	262.8	-121076.0	-1166000.0	13.8
91.24	1742.1	-78.9	-237.0	94690.0	-1009000.0	11.9
91.25	1872.2	-19.3	244.9	23155.0	-1165000.0	13.8
91.26	1741.3	-199.1	-255.0	238921.0	-1008000.0	11.9
91.27	1864.3	199.1	255.0	-238921.0	-1155000.0	13.7
91.28	1733.4	19.3	-244.9	-23155.0	-998449.0	11.8
91.29	1868.2	28.3	165.2	-33992.0	-1160000.0	13.7
91.30	1728.1	-50.3	-191.0	60378.0	-991993.0	11.7
91.31	1877.6	50.3	191.0	-60378.0	-1171000.0	13.9
91.32	1737.4	-28.3	-165.2	33992.0	-1003000.0	11.9
91.33	1876.8	-69.9	173.0	83853.0	-1170000.0	13.8
91.34	1736.7	-148.5	-183.1	178223.0	-1002000.0	11.9
91.35	1868.9	148.5	183.1	-178223.0	-1161000.0	13.7
91.36	1728.8	69.9	-173.0	-83853.0	-992872.0	11.7
92.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
92.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
92.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
92.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
92.5	1797.4	-8.1	25.5	9722.0	-1088000.0	12.9
92.6	1839.6	-62.4	-117.4	74821.0	-1037000.0	12.3
92.7	1766.0	62.4	117.4	-74821.0	-1126000.0	13.3
92.8	1808.3	8.1	-25.5	-9722.0	-1075000.0	12.7
92.9	1841.3	-23.4	9.9	28105.0	-1090000.0	12.9
92.10	1795.7	-47.0	-101.8	56437.0	-1035000.0	12.2
92.11	1809.9	47.0	101.8	-56437.0	-1128000.0	13.3
92.12	1764.3	23.4	-9.9	-28105.0	-1073000.0	12.7
92.13	1787.8	-329.7	53.2	395628.0	-1114000.0	13.2
92.14	1830.1	-383.9	-89.7	460726.0	-1064000.0	12.6
92.15	1775.5	383.9	89.7	-460726.0	-1100000.0	13.0
92.16	1817.8	329.7	-53.2	-395628.0	-1049000.0	12.4
92.17	1831.8	-345.0	37.6	414011.0	-1116000.0	13.2
92.18	1786.2	-368.6	-74.1	442343.0	-1062000.0	12.6
92.19	1819.5	368.6	74.1	-442343.0	-1102000.0	13.0
92.20	1773.8	345.0	-37.6	-414011.0	-1047000.0	12.4
92.21	1737.0	79.8	224.3	-95816.0	-1161000.0	13.7
92.22	1878.0	-101.0	-251.8	121179.0	-991449.0	11.7
92.23	1727.6	101.0	251.8	-121179.0	-1172000.0	13.9
92.24	1868.6	-79.8	-224.3	95816.0	-1003000.0	11.9
92.25	1734.2	-16.6	232.6	19956.0	-1168000.0	13.8
92.26	1875.1	-197.5	-243.5	236951.0	-999319.1	11.8
92.27	1730.5	197.5	243.5	-236951.0	-1164000.0	13.8
92.28	1871.4	16.6	-232.6	-19956.0	-994876.0	11.8
92.29	1883.6	28.8	172.5	-34539.0	-1167000.0	13.8
92.30	1731.4	-49.9	-200.1	59902.0	-984734.9	11.7
92.31	1874.2	49.9	200.1	-59902.0	-1179000.0	14.0
92.32	1722.0	-28.8	-172.5	34539.0	-996034.0	11.8

92.33	1880.7	-67.7	180.8	81233.0	-1175000.0	13.9
92.34	1728.6	-146.4	-191.8	175673.0	-992605.9	11.7
92.35	1877.0	146.4	191.8	-175673.0	-1171000.0	13.9
92.36	1724.9	67.7	-180.8	-81233.0	-988163.0	11.7
93.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
93.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
93.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
93.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
93.5	1810.2	-4.2	24.3	5008.0	-1124000.0	13.3
93.6	1767.7	-61.9	-120.4	74303.0	-1073000.0	12.7
93.7	1837.9	61.9	120.4	-74303.0	-1091000.0	12.9
93.8	1795.5	4.2	-24.3	-5008.0	-1040000.0	12.3
93.9	1810.8	-19.3	10.3	23207.0	-1125000.0	13.3
93.10	1767.1	-46.8	-106.4	56103.0	-1072000.0	12.7
93.11	1838.6	46.8	106.4	-56103.0	-1091000.0	12.9
93.12	1794.8	19.3	-10.3	-23207.0	-1039000.0	12.3
93.13	1811.9	-320.0	53.3	384005.0	-1093000.0	12.9
93.14	1769.5	-377.7	-91.4	453300.0	-1042000.0	12.3
93.15	1836.2	377.7	91.4	-453300.0	-1122000.0	13.3
93.16	1793.7	320.0	-53.3	-384005.0	-1071000.0	12.7
93.17	1812.6	-335.2	39.3	402205.0	-1093000.0	12.9
93.18	1768.8	-362.6	-77.4	435100.0	-1041000.0	12.3
93.19	1836.8	362.6	77.4	-435100.0	-1122000.0	13.3
93.20	1793.0	335.2	-39.3	-402205.0	-1070000.0	12.7
93.21	1869.4	86.3	226.8	-103595.0	-1172000.0	13.9
93.22	1727.9	-106.2	-255.6	127388.0	-1002000.0	11.9
93.23	1877.8	106.2	255.6	-127388.0	-1162000.0	13.8
93.24	1736.2	-86.3	-226.8	103595.0	-991743.0	11.7
93.25	1870.0	-8.4	235.5	10105.0	-1162000.0	13.8
93.26	1728.4	-200.9	-246.9	241087.0	-992379.0	11.7
93.27	1877.2	200.9	246.9	-241087.0	-1171000.0	13.9
93.28	1735.7	8.4	-235.5	-10105.0	-1001000.0	11.8
93.29	1871.6	35.8	180.1	-42930.0	-1174000.0	13.9
93.30	1725.7	-55.6	-208.9	66723.0	-999175.0	11.8
93.31	1879.9	55.6	208.9	-66723.0	-1164000.0	13.8
93.32	1734.0	-35.8	-180.1	42930.0	-989182.0	11.7
93.33	1872.1	-59.0	188.8	70770.0	-1165000.0	13.8
93.34	1726.3	-150.4	-200.2	180422.0	-989819.1	11.7
93.35	1879.4	150.4	200.2	-180422.0	-1174000.0	13.9
93.36	1733.5	59.0	-188.8	-70770.0	-998538.0	11.8
94.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
94.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
94.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
94.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
94.5	1837.9	-3.7	29.0	4402.0	-1124000.0	13.3
94.6	1793.6	-59.9	-125.8	71896.0	-1071000.0	12.7
94.7	1812.0	59.9	125.8	-71896.0	-1093000.0	12.9
94.8	1767.7	3.7	-29.0	-4402.0	-1040000.0	12.3
94.9	1837.5	-15.5	12.3	18552.0	-1123000.0	13.3
94.10	1794.1	-48.1	-109.1	57746.0	-1071000.0	12.7
94.11	1811.5	48.1	109.1	-57746.0	-1092000.0	12.9
94.12	1768.1	15.5	-12.3	-18552.0	-1040000.0	12.3
94.13	1834.6	-316.1	59.2	379370.0	-1120000.0	13.3
94.14	1790.3	-372.4	-95.6	446865.0	-1067000.0	12.6
94.15	1815.3	372.4	95.6	-446865.0	-1097000.0	13.0
94.16	1771.0	316.1	-59.2	-379370.0	-1044000.0	12.4
94.17	1834.1	-327.9	42.5	393520.0	-1119000.0	13.2
94.18	1790.7	-360.6	-78.9	432714.0	-1067000.0	12.6
94.19	1814.9	360.6	78.9	-432714.0	-1096000.0	13.0
94.20	1771.5	327.9	-42.5	-393520.0	-1044000.0	12.4
94.21	1880.6	84.2	243.5	-101046.0	-1175000.0	13.9
94.22	1732.8	-103.3	-272.5	123935.0	-997691.0	11.8

94.23	1872.8	103.3	272.5	-123935.0	-1166000.0	13.8
94.24	1725.0	-84.2	-243.5	101046.0	-988359.0	11.7
94.25	1879.6	-9.5	252.5	11445.0	-1174000.0	13.9
94.26	1731.8	-197.0	-263.4	236426.0	-996495.0	11.8
94.27	1873.8	197.0	263.4	-236426.0	-1167000.0	13.8
94.28	1726.0	9.5	-252.5	-11445.0	-989555.0	11.7
94.29	1879.0	44.9	187.8	-53879.0	-1173000.0	13.9
94.30	1734.4	-64.0	-216.8	76768.0	-999558.0	11.8
94.31	1871.2	64.0	216.8	-76768.0	-1164000.0	13.8
94.32	1726.6	-44.9	-187.8	53879.0	-990225.0	11.7
94.33	1878.0	-48.8	196.8	58612.0	-1172000.0	13.9
94.34	1733.4	-157.7	-207.7	189258.0	-998361.1	11.8
94.35	1872.2	157.7	207.7	-189258.0	-1165000.0	13.8
94.36	1727.6	48.8	-196.8	-58612.0	-991422.0	11.7
95.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
95.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
95.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
95.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
95.5	1814.2	-4.4	38.4	5335.0	-1095000.0	13.0
95.6	1766.5	-54.9	-130.7	65885.0	-1038000.0	12.3
95.7	1839.2	54.9	130.7	-65885.0	-1125000.0	13.3
95.8	1791.4	4.4	-38.4	-5335.0	-1068000.0	12.6
95.9	1812.5	-10.4	16.9	12429.0	-1093000.0	12.9
95.10	1768.1	-49.0	-109.3	58791.0	-1040000.0	12.3
95.11	1837.5	49.0	109.3	-58791.0	-1123000.0	13.3
95.12	1793.1	10.4	-16.9	-12429.0	-1070000.0	12.7
95.13	1831.2	-316.4	68.0	379693.0	-1116000.0	13.2
95.14	1783.5	-366.9	-101.1	440242.0	-1058000.0	12.5
95.15	1822.2	366.9	101.1	-440242.0	-1105000.0	13.1
95.16	1774.4	316.4	-68.0	-379693.0	-1048000.0	12.4
95.17	1829.5	-322.3	46.6	386787.0	-1114000.0	13.2
95.18	1785.1	-361.0	-79.7	433148.0	-1060000.0	12.5
95.19	1820.5	361.0	79.7	-433148.0	-1103000.0	13.1
95.20	1776.1	322.3	-46.6	-386787.0	-1050000.0	12.4
95.21	1878.6	75.2	267.9	-90232.0	-1173000.0	13.9
95.22	1719.5	-93.0	-295.6	111598.0	-981741.0	11.6
95.23	1886.1	93.0	295.6	-111598.0	-1182000.0	14.0
95.24	1727.0	-75.2	-267.9	90232.0	-990734.9	11.7
95.25	1883.7	-18.4	276.8	22075.0	-1179000.0	14.0
95.26	1724.6	-186.6	-286.8	223905.0	-987859.0	11.7
95.27	1881.0	186.6	286.8	-223905.0	-1176000.0	13.9
95.28	1721.9	18.4	-276.8	-22075.0	-984617.0	11.7
95.29	1873.1	55.5	196.5	-66586.0	-1166000.0	13.8
95.30	1725.0	-73.3	-224.2	87952.0	-988332.0	11.7
95.31	1880.6	73.3	224.2	-87952.0	-1175000.0	13.9
95.32	1732.5	-55.5	-196.5	66586.0	-997326.9	11.8
95.33	1878.2	-38.1	205.4	45721.0	-1172000.0	13.9
95.34	1730.1	-166.9	-215.3	200259.0	-994451.0	11.8
95.35	1875.5	166.9	215.3	-200259.0	-1169000.0	13.8
95.36	1727.4	38.1	-205.4	-45721.0	-991208.0	11.7
96.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
96.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
96.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
96.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
96.5	1841.1	-8.2	49.9	9900.0	-1128000.0	13.3
96.6	1788.8	-48.6	-132.8	58363.0	-1065000.0	12.6
96.7	1816.8	48.6	132.8	-58363.0	-1099000.0	13.0
96.8	1764.5	8.2	-49.9	-9900.0	-1036000.0	12.3
96.9	1838.3	-7.8	24.9	9361.0	-1124000.0	13.3
96.10	1791.6	-49.1	-107.7	58902.0	-1068000.0	12.6
96.11	1814.0	49.1	107.7	-58902.0	-1095000.0	13.0
96.12	1767.3	7.8	-24.9	-9361.0	-1039000.0	12.3

96.13	1837.5	-317.7	76.0	381211.0	-1123000.0	13.3
96.14	1785.1	-358.1	-106.8	429674.0	-1060000.0	12.5
96.15	1820.5	358.1	106.8	-429674.0	-1103000.0	13.1
96.16	1768.1	317.7	-76.0	-381211.0	-1040000.0	12.3
96.17	1834.7	-317.2	50.9	380672.0	-1120000.0	13.3
96.18	1787.9	-358.5	-81.7	430213.0	-1064000.0	12.6
96.19	1817.7	358.5	81.7	-430213.0	-1100000.0	13.0
96.20	1771.0	317.2	-50.9	-380672.0	-1043000.0	12.3
96.21	1893.7	58.8	292.2	-70533.0	-1191000.0	14.1
96.22	1719.2	-75.8	-317.0	91012.0	-981353.0	11.6
96.23	1886.4	75.8	317.0	-91012.0	-1182000.0	14.0
96.24	1711.9	-58.8	-292.2	70533.0	-972601.0	11.5
96.25	1892.6	-34.1	300.0	40860.0	-1189000.0	14.1
96.26	1718.1	-168.7	-309.2	202405.0	-980033.0	11.6
96.27	1887.5	168.7	309.2	-202405.0	-1183000.0	14.0
96.28	1713.0	34.1	-300.0	-40860.0	-973922.0	11.5
96.29	1884.3	60.3	208.6	-72329.0	-1180000.0	14.0
96.30	1728.6	-77.3	-233.5	92808.0	-992611.1	11.7
96.31	1877.0	77.3	233.5	-92808.0	-1171000.0	13.9
96.32	1721.3	-60.3	-208.6	72329.0	-983859.0	11.6
96.33	1883.2	-32.6	216.4	39064.0	-1178000.0	13.9
96.34	1727.5	-170.2	-225.6	204201.0	-991291.0	11.7
96.35	1878.1	170.2	225.6	-204201.0	-1172000.0	13.9
96.36	1722.4	32.6	-216.4	-39064.0	-985179.0	11.7
97.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
97.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
97.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
97.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
97.5	1842.9	-43.9	61.4	17238.0	-1034000.0	12.2
97.6	1785.0	-14.4	-131.2	52669.0	-1103000.0	13.1
97.7	1820.6	14.4	131.2	-52669.0	-1060000.0	12.5
97.8	1762.8	43.9	-61.4	-17238.0	-1130000.0	13.4
97.9	1788.8	-9.1	35.9	10927.0	-1038000.0	12.3
97.10	1839.0	-49.2	-105.7	58981.0	-1098000.0	13.0
97.11	1766.6	49.2	105.7	-58981.0	-1065000.0	12.6
97.12	1816.8	9.1	-35.9	-10927.0	-1125000.0	13.3
97.13	1839.0	-353.6	80.7	388902.0	-1038000.0	12.3
97.14	1781.1	-324.1	-111.8	424333.0	-1108000.0	13.1
97.15	1824.5	324.1	111.8	-424333.0	-1056000.0	12.5
97.16	1766.6	353.6	-80.7	-388902.0	-1125000.0	13.3
97.17	1785.0	-318.8	55.3	382591.0	-1043000.0	12.3
97.18	1835.2	-358.9	-86.4	430644.0	-1103000.0	13.1
97.19	1770.4	358.9	86.4	-430644.0	-1060000.0	12.5
97.20	1820.7	318.8	-55.3	-382591.0	-1121000.0	13.3
97.21	1902.6	-57.9	310.4	-48565.0	-961948.1	11.4
97.22	1709.7	40.5	-331.4	69537.0	-1193000.0	14.1
97.23	1895.9	-40.5	331.4	-69537.0	-969947.0	11.5
97.24	1703.0	57.9	-310.4	48565.0	-1201000.0	14.2
97.25	1901.4	-150.9	316.2	62934.0	-963334.0	11.4
97.26	1708.5	-52.4	-325.6	181036.0	-1195000.0	14.1
97.27	1897.1	52.4	325.6	-181036.0	-968559.9	11.5
97.28	1704.2	150.9	-316.2	-62934.0	-1200000.0	14.2
97.29	1722.5	58.0	225.6	-69603.0	-977280.9	11.6
97.30	1889.8	-75.5	-246.5	90575.0	-1178000.0	13.9
97.31	1715.8	75.5	246.5	-90575.0	-985280.0	11.7
97.32	1883.1	-58.0	-225.6	69603.0	-1186000.0	14.0
97.33	1721.3	-34.9	231.4	41896.0	-978667.0	11.6
97.34	1888.7	-168.4	-240.7	202075.0	-1179000.0	14.0
97.35	1717.0	168.4	240.7	-202075.0	-983893.0	11.6
97.36	1884.3	34.9	-231.4	-41896.0	-1185000.0	14.0
98.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
98.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1

98.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
98.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
98.5	1842.0	-19.3	71.2	23150.0	-1129000.0	13.4
98.6	1780.9	-40.1	-126.4	48102.0	-1055000.0	12.5
98.7	1824.7	40.1	126.4	-48102.0	-1108000.0	13.1
98.8	1763.6	19.3	-71.2	-23150.0	-1035000.0	12.2
98.9	1838.2	-10.9	49.0	13059.0	-1124000.0	13.3
98.10	1784.7	-48.5	-104.2	58193.0	-1060000.0	12.5
98.11	1820.9	48.5	104.2	-58193.0	-1103000.0	13.1
98.12	1767.4	10.9	-49.0	-13059.0	-1039000.0	12.3
98.13	1823.1	-332.5	82.4	399049.0	-1131000.0	13.4
98.14	1762.0	-353.3	-115.3	424002.0	-1057000.0	12.5
98.15	1843.6	353.3	115.3	-424002.0	-1106000.0	13.1
98.16	1782.5	332.5	-82.4	-399049.0	-1033000.0	12.2
98.17	1819.3	-324.1	60.2	388959.0	-1126000.0	13.3
98.18	1765.8	-361.7	-93.1	434093.0	-1062000.0	12.6
98.19	1839.8	361.7	93.1	-434093.0	-1101000.0	13.0
98.20	1786.3	324.1	-60.2	-388959.0	-1037000.0	12.3
98.21	1907.2	25.7	321.1	-30899.0	-1207000.0	14.3
98.22	1703.6	-43.6	-337.6	52275.0	-962600.0	11.4
98.23	1902.0	43.6	337.6	-52275.0	-1201000.0	14.2
98.24	1698.4	-25.7	-321.1	30899.0	-956387.0	11.3
98.25	1901.6	-68.2	324.4	81870.0	-1208000.0	14.3
98.26	1697.9	-137.5	-334.3	165045.0	-963180.9	11.4
98.27	1907.7	137.5	334.3	-165045.0	-1200000.0	14.2
98.28	1704.1	68.2	-324.4	-81870.0	-955805.9	11.3
98.29	1894.5	53.8	247.2	-64536.0	-1192000.0	14.1
98.30	1716.3	-71.6	-263.7	85911.0	-977851.0	11.6
98.31	1889.3	71.6	263.7	-85911.0	-1186000.0	14.0
98.32	1711.1	-53.8	-247.2	64536.0	-971638.0	11.5
98.33	1888.9	-40.2	250.5	48234.0	-1192000.0	14.1
98.34	1710.6	-165.6	-260.4	198681.0	-978432.0	11.6
98.35	1895.0	165.6	260.4	-198681.0	-1185000.0	14.0
98.36	1716.8	40.2	-250.5	-48234.0	-971057.0	11.5
99.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
99.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
99.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
99.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
99.5	1838.5	-23.4	79.8	28036.0	-1125000.0	13.3
99.6	1779.3	-36.4	-118.8	43684.0	-1053000.0	12.5
99.7	1826.3	36.4	118.8	-43684.0	-1110000.0	13.1
99.8	1767.1	23.4	-79.8	-28036.0	-1039000.0	12.3
99.9	1836.2	-12.6	64.3	15127.0	-1122000.0	13.3
99.10	1781.6	-47.2	-103.2	56593.0	-1056000.0	12.5
99.11	1824.0	47.2	103.2	-56593.0	-1107000.0	13.1
99.12	1769.4	12.6	-64.3	-15127.0	-1042000.0	12.3
99.13	1847.2	-339.4	82.2	407312.0	-1135000.0	13.4
99.14	1788.0	-352.5	-116.4	422960.0	-1064000.0	12.6
99.15	1817.6	352.5	116.4	-422960.0	-1099000.0	13.0
99.16	1758.4	339.4	-82.2	-407312.0	-1028000.0	12.2
99.17	1844.9	-328.7	66.6	394403.0	-1132000.0	13.4
99.18	1790.3	-363.2	-100.9	435869.0	-1067000.0	12.6
99.19	1815.3	363.2	100.9	-435869.0	-1097000.0	13.0
99.20	1760.7	328.7	-66.6	-394403.0	-1031000.0	12.2
99.21	1903.4	12.8	325.1	-15321.0	-1202000.0	14.2
99.22	1705.9	-30.7	-336.8	36837.0	-965382.0	11.4
99.23	1899.7	30.7	336.8	-36837.0	-1198000.0	14.2
99.24	1702.2	-12.8	-325.1	15321.0	-960979.0	11.4
99.25	1906.0	-82.1	325.8	98461.0	-1206000.0	14.3
99.26	1708.5	-125.5	-336.1	150620.0	-968508.0	11.5
99.27	1897.1	125.5	336.1	-150620.0	-1195000.0	14.1
99.28	1699.6	82.1	-325.8	-98461.0	-957853.0	11.3

99.29	1895.7	48.6	273.3	-58352.0	-1193000.0	14.1
99.30	1713.6	-66.6	-285.0	79868.0	-974676.0	11.5
99.31	1892.0	66.6	285.0	-79868.0	-1189000.0	14.1
99.32	1710.0	-48.6	-273.3	58352.0	-970274.0	11.5
99.33	1898.3	-46.2	274.0	55431.0	-1196000.0	14.2
99.34	1716.2	-161.4	-284.3	193651.0	-977801.9	11.6
99.35	1889.4	161.4	284.3	-193651.0	-1186000.0	14.0
99.36	1707.4	46.2	-274.0	-55431.0	-967147.0	11.4
100.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
100.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
100.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
100.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
100.5	1835.5	-38.0	84.3	45612.0	-1121000.0	13.3
100.6	1778.0	-22.4	-109.1	26825.0	-1052000.0	12.4
100.7	1827.7	22.4	109.1	-26825.0	-1112000.0	13.2
100.8	1770.2	38.0	-84.3	-45612.0	-1043000.0	12.3
100.9	1834.6	-17.3	78.3	20715.0	-1120000.0	13.3
100.10	1778.8	-43.1	-103.1	51722.0	-1053000.0	12.5
100.11	1826.8	43.1	103.1	-51722.0	-1110000.0	13.1
100.12	1771.0	17.3	-78.3	-20715.0	-1044000.0	12.4
100.13	1840.6	-355.7	79.5	426816.0	-1127000.0	13.3
100.14	1783.1	-340.0	-114.0	408029.0	-1058000.0	12.5
100.15	1822.5	340.0	114.0	-408029.0	-1105000.0	13.1
100.16	1765.0	355.7	-79.5	-426816.0	-1036000.0	12.3
100.17	1839.7	-334.9	73.4	401919.0	-1126000.0	13.3
100.18	1784.0	-360.8	-107.9	432926.0	-1059000.0	12.5
100.19	1821.7	360.8	107.9	-432926.0	-1104000.0	13.1
100.20	1765.9	334.9	-73.4	-401919.0	-1037000.0	12.3
100.21	1899.8	-35.1	318.7	42178.0	-1198000.0	14.2
100.22	1708.1	17.0	-326.1	-20446.0	-968084.9	11.5
100.23	1897.5	-17.0	326.1	20446.0	-1195000.0	14.1
100.24	1705.8	35.1	-318.7	-42178.0	-965280.0	11.4
100.25	1901.4	-130.4	317.2	156539.0	-1200000.0	14.2
100.26	1709.7	-78.3	-327.6	93915.0	-969936.1	11.5
100.27	1895.9	78.3	327.6	-93915.0	-1193000.0	14.1
100.28	1704.3	130.4	-317.2	-156539.0	-963429.0	11.4
100.29	1896.9	34.0	298.6	-40813.0	-1195000.0	14.1
100.30	1711.0	-52.1	-306.0	62544.0	-971555.9	11.5
100.31	1894.6	52.1	306.0	-62544.0	-1192000.0	14.1
100.32	1708.7	-34.0	-298.6	40813.0	-968751.0	11.5
100.33	1898.5	-61.3	297.1	73548.0	-1196000.0	14.2
100.34	1712.6	-147.4	-307.5	176906.0	-973407.0	11.5
100.35	1893.0	147.4	307.5	-176906.0	-1190000.0	14.1
100.36	1707.2	61.3	-297.1	-73548.0	-966900.0	11.4
101.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
101.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
101.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
101.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
101.5	1827.8	-43.3	78.6	51964.0	-1112000.0	13.2
101.6	1772.0	-16.1	-103.6	19261.0	-1045000.0	12.4
101.7	1833.7	16.1	103.6	-19261.0	-1119000.0	13.2
101.8	1777.8	43.3	-78.6	-51964.0	-1052000.0	12.4
101.9	1828.4	-38.2	83.2	25432.0	-1112000.0	13.2
101.10	1771.4	-21.2	-108.3	45793.0	-1044000.0	12.4
101.11	1834.2	21.2	108.3	-45793.0	-1119000.0	13.2
101.12	1777.2	38.2	-83.2	-25432.0	-1051000.0	12.4
101.13	1835.0	-361.6	74.0	433878.0	-1120000.0	13.3
101.14	1779.1	-334.3	-108.2	401175.0	-1053000.0	12.5
101.15	1826.5	334.3	108.2	-401175.0	-1110000.0	13.1
101.16	1770.6	361.6	-74.0	-433878.0	-1043000.0	12.3
101.17	1835.6	-356.4	78.7	407346.0	-1121000.0	13.3
101.18	1778.6	-339.5	-112.8	427707.0	-1053000.0	12.5

101.19	1827.1	339.5	112.8	-427707.0	-1111000.0	13.1
101.20	1770.0	356.4	-78.7	-407346.0	-1042000.0	12.3
101.21	1895.0	-54.3	299.9	65189.0	-1192000.0	14.1
101.22	1708.8	36.5	-307.4	-43822.0	-968921.0	11.5
101.23	1896.8	-36.5	307.4	43822.0	-1194000.0	14.1
101.24	1710.6	54.3	-299.9	-65189.0	-971020.0	11.5
101.25	1897.2	-149.8	298.5	179764.0	-1195000.0	14.1
101.26	1711.0	-59.0	-308.8	70752.0	-971505.9	11.5
101.27	1894.6	59.0	308.8	-70752.0	-1192000.0	14.1
101.28	1708.4	149.8	-298.5	-179764.0	-968434.9	11.5
101.29	1897.0	-37.2	315.4	-23252.0	-1195000.0	14.1
101.30	1706.9	19.4	-322.9	44619.0	-966583.0	11.4
101.31	1898.7	-19.4	322.9	-44619.0	-1197000.0	14.2
101.32	1708.6	37.2	-315.4	23252.0	-968682.0	11.5
101.33	1899.1	-132.7	314.0	91323.0	-1197000.0	14.2
101.34	1709.0	-76.1	-324.3	159193.0	-969168.0	11.5
101.35	1896.6	76.1	324.3	-159193.0	-1194000.0	14.1
101.36	1706.5	132.7	-314.0	-91323.0	-966097.0	11.4
102.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
102.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
102.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
102.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
102.5	1780.4	-11.9	63.7	58054.0	-1055000.0	12.5
102.6	1834.8	-48.4	-103.4	14226.0	-1120000.0	13.3
102.7	1770.8	48.4	103.4	-14226.0	-1043000.0	12.3
102.8	1825.2	11.9	-63.7	-58054.0	-1109000.0	13.1
102.9	1778.4	-38.7	78.0	46450.0	-1052000.0	12.4
102.10	1836.9	-21.5	-117.8	25830.0	-1123000.0	13.3
102.11	1768.7	21.5	117.8	-25830.0	-1041000.0	12.3
102.12	1827.2	38.7	-78.0	-46450.0	-1111000.0	13.1
102.13	1784.5	-330.4	66.2	440337.0	-1060000.0	12.5
102.14	1838.8	-366.9	-100.9	396509.0	-1125000.0	13.3
102.15	1766.8	366.9	100.9	-396509.0	-1038000.0	12.3
102.16	1821.1	330.4	-66.2	-440337.0	-1104000.0	13.1
102.17	1782.4	-357.3	80.6	428734.0	-1057000.0	12.5
102.18	1840.9	-340.1	-115.3	408113.0	-1127000.0	13.3
102.19	1764.7	340.1	115.3	-408113.0	-1036000.0	12.3
102.20	1823.2	357.3	-80.6	-428734.0	-1106000.0	13.1
102.21	1713.7	51.8	272.6	83889.0	-974697.0	11.5
102.22	1894.9	-69.9	-284.5	-62205.0	-1192000.0	14.1
102.23	1710.8	69.9	284.5	62205.0	-971226.9	11.5
102.24	1892.0	-51.8	-272.6	-83889.0	-1189000.0	14.1
102.25	1714.9	-43.7	273.3	198574.0	-976150.0	11.6
102.26	1896.1	-165.5	-283.7	52480.0	-1194000.0	14.1
102.27	1709.5	165.5	283.7	-52480.0	-969774.0	11.5
102.28	1890.8	43.7	-273.3	-198574.0	-1187000.0	14.0
102.29	1706.7	-37.7	320.5	45209.0	-966413.9	11.4
102.30	1901.8	19.6	-332.4	-23525.0	-1200000.0	14.2
102.31	1703.9	-19.6	332.4	23525.0	-962944.1	11.4
102.32	1898.9	37.7	-320.5	-45209.0	-1197000.0	14.2
102.33	1708.0	-133.2	321.2	159894.0	-967867.0	11.5
102.34	1903.0	-76.0	-331.6	91160.0	-1202000.0	14.2
102.35	1702.6	76.0	331.6	-91160.0	-961491.0	11.4
102.36	1897.7	133.2	-321.2	-159894.0	-1196000.0	14.2
103.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
103.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
103.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
103.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
103.5	1784.7	-9.6	47.4	58787.0	-1124000.0	13.3
103.6	1837.7	-49.0	-104.6	11504.0	-1060000.0	12.5
103.7	1767.9	49.0	104.6	-11504.0	-1103000.0	13.1
103.8	1820.9	9.6	-47.4	-58787.0	-1040000.0	12.3

103.9	1841.4	-41.3	68.8	49550.0	-1128000.0	13.3
103.10	1781.0	-17.3	-126.0	20741.0	-1056000.0	12.5
103.11	1824.6	17.3	126.0	-20741.0	-1108000.0	13.1
103.12	1764.2	41.3	-68.8	-49550.0	-1035000.0	12.2
103.13	1782.2	-325.6	56.8	437997.0	-1121000.0	13.3
103.14	1835.2	-365.0	-95.1	390713.0	-1057000.0	12.5
103.15	1770.4	365.0	95.1	-390713.0	-1106000.0	13.1
103.16	1823.4	325.6	-56.8	-437997.0	-1043000.0	12.3
103.17	1838.9	-357.3	78.2	428760.0	-1125000.0	13.3
103.18	1778.5	-333.3	-116.5	399950.0	-1053000.0	12.5
103.19	1827.1	333.3	116.5	-399950.0	-1111000.0	13.1
103.20	1766.7	357.3	-78.2	-428760.0	-1038000.0	12.3
103.21	1716.9	56.9	244.7	89349.0	-1191000.0	14.1
103.22	1893.8	-74.5	-261.8	-68262.0	-978551.9	11.6
103.23	1711.8	74.5	261.8	68262.0	-1185000.0	14.0
103.24	1888.8	-56.9	-244.7	-89349.0	-972504.0	11.5
103.25	1716.1	-37.9	247.5	203112.0	-1190000.0	14.1
103.26	1893.0	-169.3	-259.0	45501.0	-977651.0	11.6
103.27	1712.6	169.3	259.0	-45501.0	-1186000.0	14.0
103.28	1889.5	37.9	-247.5	-203112.0	-973405.0	11.5
103.29	1905.9	-48.8	316.0	58559.0	-1205000.0	14.3
103.30	1704.7	31.2	-333.1	-37471.0	-964005.0	11.4
103.31	1900.9	-31.2	333.1	37471.0	-1199000.0	14.2
103.32	1699.7	48.8	-316.0	-58559.0	-957957.0	11.3
103.33	1905.2	-143.6	318.8	172322.0	-1205000.0	14.3
103.34	1704.0	-63.6	-330.3	76291.0	-963104.0	11.4
103.35	1901.6	63.6	330.3	-76291.0	-1200000.0	14.2
103.36	1700.5	143.6	-318.8	-172322.0	-958857.0	11.3
104.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
104.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
104.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
104.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
104.5	1840.0	-48.4	32.9	58036.0	-1126000.0	13.3
104.6	1789.9	-7.3	-107.0	8768.0	-1066000.0	12.6
104.7	1815.7	7.3	107.0	-8768.0	-1097000.0	13.0
104.8	1765.7	48.4	-32.9	-58036.0	-1037000.0	12.3
104.9	1786.0	-43.5	58.1	52180.0	-1131000.0	13.4
104.10	1843.8	-12.2	-132.1	14624.0	-1062000.0	12.6
104.11	1761.8	12.2	132.1	-14624.0	-1102000.0	13.0
104.12	1819.6	43.5	-58.1	-52180.0	-1032000.0	12.2
104.13	1841.4	-361.0	46.2	433227.0	-1128000.0	13.3
104.14	1791.3	-320.0	-93.7	383959.0	-1068000.0	12.6
104.15	1814.3	320.0	93.7	-383959.0	-1095000.0	13.0
104.16	1764.2	361.0	-46.2	-433227.0	-1035000.0	12.2
104.17	1787.5	-356.1	71.3	427372.0	-1133000.0	13.4
104.18	1845.3	-324.8	-118.9	389815.0	-1063000.0	12.6
104.19	1760.4	324.8	118.9	-389815.0	-1100000.0	13.0
104.20	1818.1	356.1	-71.3	-427372.0	-1031000.0	12.2
104.21	1889.9	-76.8	222.0	92134.0	-1186000.0	14.0
104.22	1723.0	60.1	-244.2	-72092.0	-985901.9	11.7
104.23	1882.6	-60.1	244.2	72092.0	-1177000.0	13.9
104.24	1715.7	76.8	-222.0	-92134.0	-977180.0	11.6
104.25	1890.3	-170.6	226.0	204691.0	-1187000.0	14.0
104.26	1723.4	-33.7	-240.2	40465.0	-986421.0	11.7
104.27	1882.2	33.7	240.2	-40465.0	-1177000.0	13.9
104.28	1715.3	170.6	-226.0	-204691.0	-976661.1	11.6
104.29	1710.1	-60.5	305.9	72615.0	-1202000.0	14.2
104.30	1902.7	43.8	-328.1	-52574.0	-970488.9	11.5
104.31	1702.9	-43.8	328.1	52574.0	-1193000.0	14.1
104.32	1895.5	60.5	-305.9	-72615.0	-961767.0	11.4
104.33	1710.6	-154.3	309.9	185173.0	-1202000.0	14.2
104.34	1903.2	-50.0	-324.1	59983.0	-971009.0	11.5

104.35	1702.4	50.0	324.1	-59983.0	-1192000.0	14.1
104.36	1895.0	154.3	-309.9	-185173.0	-961248.1	11.4
105.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
105.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
105.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
105.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
105.5	1839.5	-49.3	20.2	59109.0	-1126000.0	13.3
105.6	1792.8	-7.3	-110.5	8803.0	-1070000.0	12.7
105.7	1812.8	7.3	110.5	-8803.0	-1094000.0	12.9
105.8	1766.1	49.3	-20.2	-59109.0	-1038000.0	12.3
105.9	1842.5	-48.9	45.7	58689.0	-1129000.0	13.4
105.10	1789.8	-7.7	-136.0	9223.0	-1066000.0	12.6
105.11	1815.8	7.7	136.0	-9223.0	-1097000.0	13.0
105.12	1763.1	48.9	-45.7	-58689.0	-1034000.0	12.2
105.13	1810.9	-361.0	34.4	433259.0	-1128000.0	13.3
105.14	1764.2	-319.1	-96.2	382953.0	-1072000.0	12.7
105.15	1841.4	319.1	96.2	-382953.0	-1091000.0	12.9
105.16	1794.7	361.0	-34.4	-433259.0	-1035000.0	12.2
105.17	1813.9	-360.7	60.0	432839.0	-1132000.0	13.4
105.18	1761.2	-319.5	-121.7	383373.0	-1068000.0	12.6
105.19	1844.4	319.5	121.7	-383373.0	-1095000.0	13.0
105.20	1791.7	360.7	-60.0	-432839.0	-1032000.0	12.2
105.21	1884.7	-78.4	204.2	94030.0	-1180000.0	14.0
105.22	1729.0	61.4	-231.3	-73657.0	-993097.0	11.8
105.23	1876.6	-61.4	231.3	73657.0	-1170000.0	13.8
105.24	1721.0	78.4	-204.2	-94030.0	-983472.0	11.6
105.25	1876.1	-171.9	208.5	206275.0	-1181000.0	14.0
105.26	1720.4	-32.2	-227.0	38588.0	-993773.1	11.8
105.27	1885.2	32.2	227.0	-38588.0	-1170000.0	13.8
105.28	1729.5	171.9	-208.5	-206275.0	-982796.0	11.6
105.29	1894.7	-77.2	289.3	92631.0	-1192000.0	14.1
105.30	1719.0	60.2	-316.4	-72257.0	-981074.0	11.6
105.31	1886.7	-60.2	316.4	72257.0	-1182000.0	14.0
105.32	1710.9	77.2	-289.3	-92631.0	-971448.1	11.5
105.33	1886.1	-170.7	293.6	204876.0	-1193000.0	14.1
105.34	1710.4	-33.3	-312.1	39988.0	-981750.0	11.6
105.35	1895.2	33.3	312.1	-39988.0	-1182000.0	14.0
105.36	1719.5	170.7	-293.6	-204876.0	-970773.1	11.5
106.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
106.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
106.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
106.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
106.5	1838.5	-50.4	10.9	60539.0	-1124000.0	13.3
106.6	1794.1	-11.0	-113.4	13222.0	-1071000.0	12.7
106.7	1811.5	11.0	113.4	-13222.0	-1092000.0	12.9
106.8	1767.1	50.4	-10.9	-60539.0	-1039000.0	12.3
106.9	1840.4	-55.8	33.5	66990.0	-1127000.0	13.3
106.10	1792.2	-5.6	-136.0	6771.0	-1069000.0	12.6
106.11	1813.4	5.6	136.0	-6771.0	-1094000.0	12.9
106.12	1765.2	55.8	-33.5	-66990.0	-1037000.0	12.3
106.13	1834.8	-361.0	24.3	433154.0	-1120000.0	13.3
106.14	1790.4	-321.5	-99.9	385837.0	-1067000.0	12.6
106.15	1815.2	321.5	99.9	-385837.0	-1097000.0	13.0
106.16	1770.8	361.0	-24.3	-433154.0	-1043000.0	12.3
106.17	1836.7	-366.3	46.9	439605.0	-1122000.0	13.3
106.18	1788.5	-316.2	-122.6	379386.0	-1065000.0	12.6
106.19	1817.1	316.2	122.6	-379386.0	-1099000.0	13.0
106.20	1768.9	366.3	-46.9	-439605.0	-1041000.0	12.3
106.21	1880.8	-74.9	191.7	89925.0	-1175000.0	13.9
106.22	1733.0	56.5	-222.4	-67797.0	-997871.0	11.8
106.23	1872.7	-56.5	222.4	67797.0	-1165000.0	13.8
106.24	1724.9	74.9	-191.7	-89925.0	-988146.0	11.7

106.25	1879.6	-168.1	195.7	201710.0	-1174000.0	13.9
106.26	1731.9	-36.7	-218.4	43988.0	-996538.9	11.8
106.27	1873.8	36.7	218.4	-43988.0	-1167000.0	13.8
106.28	1726.0	168.1	-195.7	-201710.0	-989479.0	11.7
106.29	1887.1	-92.9	267.1	111429.0	-1183000.0	14.0
106.30	1726.6	74.4	-297.9	-89301.0	-990209.9	11.7
106.31	1879.0	-74.4	297.9	89301.0	-1173000.0	13.9
106.32	1718.5	92.9	-267.1	-111429.0	-980484.9	11.6
106.33	1886.0	-186.0	271.2	223214.0	-1182000.0	14.0
106.34	1725.5	-18.7	-293.9	22484.0	-988876.9	11.7
106.35	1880.1	18.7	293.9	-22484.0	-1174000.0	13.9
106.36	1719.6	186.0	-271.2	-223214.0	-981818.0	11.6
107.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
107.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
107.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
107.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
107.5	1838.2	-16.5	5.5	61086.0	-1124000.0	13.3
107.6	1795.0	-50.9	-114.0	19763.0	-1072000.0	12.7
107.7	1810.6	50.9	114.0	-19763.0	-1091000.0	12.9
107.8	1767.4	16.5	-5.5	-61086.0	-1039000.0	12.3
107.9	1838.9	-61.7	23.8	74069.0	-1125000.0	13.3
107.10	1794.3	-5.6	-132.3	6780.0	-1071000.0	12.7
107.11	1811.4	5.6	132.3	-6780.0	-1092000.0	12.9
107.12	1766.7	61.7	-23.8	-74069.0	-1038000.0	12.3
107.13	1832.5	-325.9	17.7	432426.0	-1117000.0	13.2
107.14	1789.2	-360.4	-101.8	391104.0	-1065000.0	12.6
107.15	1816.4	360.4	101.8	-391104.0	-1098000.0	13.0
107.16	1773.2	325.9	-17.7	-432426.0	-1046000.0	12.4
107.17	1833.2	-371.2	36.0	445410.0	-1118000.0	13.2
107.18	1788.5	-315.1	-120.1	378121.0	-1065000.0	12.6
107.19	1817.1	315.1	120.1	-378121.0	-1099000.0	13.0
107.20	1772.5	371.2	-36.0	-445410.0	-1045000.0	12.4
107.21	1878.9	47.3	182.9	80998.0	-1173000.0	13.9
107.22	1734.9	-67.5	-215.4	-56744.0	-1000000.0	11.8
107.23	1870.7	67.5	215.4	56744.0	-1163000.0	13.8
107.24	1726.7	-47.3	-182.9	-80998.0	-990316.0	11.7
107.25	1877.2	-45.5	186.5	192400.0	-1171000.0	13.9
107.26	1733.2	-160.3	-211.8	54659.0	-998168.0	11.8
107.27	1872.4	160.3	211.8	-54659.0	-1165000.0	13.8
107.28	1728.4	45.5	-186.5	-192400.0	-992376.0	11.7
107.29	1881.3	-103.6	243.9	124276.0	-1176000.0	13.9
107.30	1732.6	83.4	-276.5	-100022.0	-997391.0	11.8
107.31	1873.1	-83.4	276.5	100022.0	-1166000.0	13.8
107.32	1724.3	103.6	-243.9	-124276.0	-987480.0	11.7
107.33	1879.6	-196.4	247.6	235678.0	-1174000.0	13.9
107.34	1730.8	-9.5	-272.8	11381.0	-995332.0	11.8
107.35	1874.8	9.5	272.8	-11381.0	-1168000.0	13.8
107.36	1726.0	196.4	-247.6	-235678.0	-989540.1	11.7
108.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
108.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
108.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
108.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
108.5	1839.4	-52.1	3.7	62519.0	-1126000.0	13.3
108.6	1795.9	-23.3	-111.3	27934.0	-1073000.0	12.7
108.7	1809.7	23.3	111.3	-27934.0	-1090000.0	12.9
108.8	1766.2	52.1	-3.7	-62519.0	-1038000.0	12.3
108.9	1838.9	-8.8	18.9	79847.0	-1125000.0	13.3
108.10	1796.4	-66.5	-126.5	10606.0	-1074000.0	12.7
108.11	1809.2	66.5	126.5	-10606.0	-1089000.0	12.9
108.12	1766.8	8.8	-18.9	-79847.0	-1038000.0	12.3
108.13	1834.4	-362.7	15.6	435246.0	-1096000.0	13.0
108.14	1790.9	-333.9	-99.5	400662.0	-1044000.0	12.4

108.15	1814.7	333.9	99.5	-400662.0	-1120000.0	13.3
108.16	1771.3	362.7	-15.6	-435246.0	-1067000.0	12.6
108.17	1833.8	-319.4	30.8	452574.0	-1095000.0	13.0
108.18	1791.4	-377.1	-114.6	383333.0	-1044000.0	12.4
108.19	1814.2	377.1	114.6	-383333.0	-1119000.0	13.2
108.20	1771.8	319.4	-30.8	-452574.0	-1068000.0	12.6
108.21	1879.7	-59.3	175.7	71209.0	-1174000.0	13.9
108.22	1734.8	36.7	-207.9	-44073.0	-1000000.0	11.8
108.23	1870.8	-36.7	207.9	44073.0	-1163000.0	13.8
108.24	1725.9	59.3	-175.7	-71209.0	-989405.9	11.7
108.25	1878.2	-152.5	179.2	183027.0	-1165000.0	13.8
108.26	1733.3	-56.5	-204.4	67745.0	-991212.0	11.7
108.27	1872.3	56.5	204.4	-67745.0	-1172000.0	13.9
108.28	1727.4	152.5	-179.2	-183027.0	-998276.0	11.8
108.29	1878.0	84.9	226.1	128970.0	-1172000.0	13.9
108.30	1736.5	-107.5	-258.4	-101834.0	-1002000.0	11.9
108.31	1869.1	107.5	258.4	101834.0	-1161000.0	13.7
108.32	1727.6	-84.9	-226.1	-128970.0	-991438.9	11.7
108.33	1876.5	-8.3	229.7	240788.0	-1163000.0	13.8
108.34	1735.0	-200.7	-254.8	9984.0	-993245.0	11.8
108.35	1870.6	200.7	254.8	-9984.0	-1170000.0	13.8
108.36	1729.1	8.3	-229.7	-240788.0	-1000000.0	11.8
109.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
109.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
109.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
109.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
109.5	1842.7	-53.5	4.7	64236.0	-1130000.0	13.4
109.6	1797.5	-29.1	-105.5	34957.0	-1075000.0	12.7
109.7	1808.1	29.1	105.5	-34957.0	-1088000.0	12.9
109.8	1762.9	53.5	-4.7	-64236.0	-1034000.0	12.2
109.9	1841.0	-13.9	19.9	82458.0	-1128000.0	13.3
109.10	1799.2	-68.7	-120.6	16734.0	-1077000.0	12.7
109.11	1806.4	68.7	120.6	-16734.0	-1086000.0	12.9
109.12	1764.6	13.9	-19.9	-82458.0	-1036000.0	12.3
109.13	1837.5	-367.5	18.6	440953.0	-1094000.0	12.9
109.14	1792.3	-343.1	-91.6	411674.0	-1040000.0	12.3
109.15	1813.3	343.1	91.6	-411674.0	-1123000.0	13.3
109.16	1768.1	367.5	-18.6	-440953.0	-1069000.0	12.6
109.17	1835.8	-327.9	33.8	459176.0	-1092000.0	12.9
109.18	1794.0	-382.6	-106.8	393452.0	-1042000.0	12.3
109.19	1811.6	382.6	106.8	-393452.0	-1121000.0	13.3
109.20	1769.8	327.9	-33.8	-459176.0	-1071000.0	12.7
109.21	1883.3	-53.1	168.5	63677.0	-1178000.0	13.9
109.22	1732.7	28.3	-198.7	-33920.0	-997513.0	11.8
109.23	1873.0	-28.3	198.7	33920.0	-1166000.0	13.8
109.24	1722.3	53.1	-168.5	-63677.0	-985036.1	11.7
109.25	1881.8	-147.2	172.7	176693.0	-1168000.0	13.8
109.26	1731.1	-65.9	-194.5	79096.0	-986907.0	11.7
109.27	1874.5	65.9	194.5	-79096.0	-1176000.0	13.9
109.28	1723.8	147.2	-172.7	-176693.0	-995641.0	11.8
109.29	1877.7	78.9	219.1	124419.0	-1172000.0	13.9
109.30	1738.3	-103.7	-249.4	-94662.0	-1004000.0	11.9
109.31	1867.3	103.7	249.4	94662.0	-1159000.0	13.7
109.32	1727.9	-78.9	-219.1	-124419.0	-991843.0	11.7
109.33	1876.1	-15.3	223.3	237435.0	-1161000.0	13.7
109.34	1736.8	-197.9	-245.2	18354.0	-993715.1	11.8
109.35	1868.8	197.9	245.2	-18354.0	-1170000.0	13.8
109.36	1729.5	15.3	-223.3	-237435.0	-1002000.0	11.9
110.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
110.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
110.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
110.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2

110.5	1841.1	-56.6	7.0	67928.0	-1128000.0	13.3
110.6	1799.4	-32.2	-97.4	38604.0	-1078000.0	12.8
110.7	1806.2	32.2	97.4	-38604.0	-1086000.0	12.9
110.8	1764.5	56.6	-7.0	-67928.0	-1036000.0	12.3
110.9	1839.7	-72.3	26.1	86723.0	-1126000.0	13.3
110.10	1800.9	-16.5	-116.5	19809.0	-1079000.0	12.8
110.11	1804.7	16.5	116.5	-19809.0	-1084000.0	12.8
110.12	1765.9	72.3	-26.1	-86723.0	-1037000.0	12.3
110.13	1844.3	-372.4	25.5	446835.0	-1131000.0	13.4
110.14	1802.6	-347.9	-78.9	417510.0	-1081000.0	12.8
110.15	1803.0	347.9	78.9	-417510.0	-1082000.0	12.8
110.16	1761.3	372.4	-25.5	-446835.0	-1032000.0	12.2
110.17	1842.9	-388.0	44.6	465629.0	-1130000.0	13.4
110.18	1804.1	-332.3	-98.0	398716.0	-1083000.0	12.8
110.19	1801.6	332.3	98.0	-398716.0	-1080000.0	12.8
110.20	1762.8	388.0	-44.6	-465629.0	-1034000.0	12.2
110.21	1877.5	-54.0	160.4	64854.0	-1171000.0	13.9
110.22	1738.6	27.4	-187.5	-32895.0	-1005000.0	11.9
110.23	1867.0	-27.4	187.5	32895.0	-1159000.0	13.7
110.24	1728.1	54.0	-160.4	-64854.0	-992058.0	11.7
110.25	1878.5	-148.8	166.0	178526.0	-1172000.0	13.9
110.26	1739.6	-67.3	-182.0	80777.0	-1006000.0	11.9
110.27	1866.1	67.3	182.0	-80777.0	-1158000.0	13.7
110.28	1727.2	148.8	-166.0	-178526.0	-990913.0	11.7
110.29	1872.7	-106.3	224.1	127502.0	-1166000.0	13.8
110.30	1743.4	79.6	-251.2	-95542.0	-1010000.0	12.0
110.31	1862.2	-79.6	251.2	95542.0	-1153000.0	13.6
110.32	1732.9	106.3	-224.1	-127502.0	-997801.0	11.8
110.33	1873.7	-201.0	229.6	241174.0	-1167000.0	13.8
110.34	1744.3	-15.1	-245.6	18130.0	-1012000.0	12.0
110.35	1861.3	15.1	245.6	-18130.0	-1152000.0	13.6
110.36	1732.0	201.0	-229.6	-241174.0	-996655.9	11.8
111.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
111.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
111.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
111.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
111.5	1838.3	-56.6	8.1	67861.0	-1124000.0	13.3
111.6	1799.9	-31.9	-88.6	38287.0	-1078000.0	12.8
111.7	1805.7	31.9	88.6	-38287.0	-1085000.0	12.8
111.8	1767.3	56.6	-8.1	-67861.0	-1039000.0	12.3
111.9	1837.6	-69.0	34.6	82831.0	-1123000.0	13.3
111.10	1800.6	-19.4	-115.0	23318.0	-1079000.0	12.8
111.11	1805.0	19.4	115.0	-23318.0	-1084000.0	12.8
111.12	1768.0	69.0	-34.6	-82831.0	-1040000.0	12.3
111.13	1841.9	-374.5	26.0	449385.0	-1129000.0	13.4
111.14	1803.5	-349.8	-70.7	419812.0	-1082000.0	12.8
111.15	1802.1	349.8	70.7	-419812.0	-1081000.0	12.8
111.16	1763.7	374.5	-26.0	-449385.0	-1035000.0	12.2
111.17	1841.2	-387.0	52.4	464355.0	-1128000.0	13.3
111.18	1804.2	-337.4	-97.1	404842.0	-1083000.0	12.8
111.19	1801.4	337.4	97.1	-404842.0	-1080000.0	12.8
111.20	1764.4	387.0	-52.4	-464355.0	-1036000.0	12.3
111.21	1871.8	-54.3	149.1	65211.0	-1164000.0	13.8
111.22	1743.6	27.8	-173.2	-33367.0	-1011000.0	12.0
111.23	1862.0	-27.8	173.2	33367.0	-1153000.0	13.6
111.24	1733.9	54.3	-149.1	-65211.0	-998946.0	11.8
111.25	1872.8	-149.7	154.5	179668.0	-1166000.0	13.8
111.26	1744.7	-67.6	-167.9	81091.0	-1012000.0	12.0
111.27	1860.9	67.6	167.9	-81091.0	-1151000.0	13.6
111.28	1732.8	149.7	-154.5	-179668.0	-997648.1	11.8
111.29	1869.3	-95.9	237.2	115111.0	-1162000.0	13.8
111.30	1746.1	69.4	-261.4	-83266.0	-1014000.0	12.0

111.31	1859.6	-69.4	261.4	83266.0	-1150000.0	13.6
111.32	1736.3	95.9	-237.2	-115111.0	-1002000.0	11.9
111.33	1870.4	-191.3	242.6	229568.0	-1163000.0	13.8
111.34	1747.1	-26.0	-256.0	31191.0	-1015000.0	12.0
111.35	1858.5	26.0	256.0	-31191.0	-1148000.0	13.6
111.36	1735.2	191.3	-242.6	-229568.0	-1001000.0	11.8
112.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
112.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
112.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
112.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
112.5	1799.7	-28.3	6.4	65860.0	-1120000.0	13.3
112.6	1835.1	-54.9	-80.4	33917.0	-1078000.0	12.8
112.7	1770.5	54.9	80.4	-33917.0	-1085000.0	12.8
112.8	1806.0	28.3	-6.4	-65860.0	-1043000.0	12.3
112.9	1799.3	-61.1	41.5	73314.0	-1077000.0	12.7
112.10	1835.5	-22.1	-115.5	26463.0	-1121000.0	13.3
112.11	1770.1	22.1	115.5	-26463.0	-1042000.0	12.3
112.12	1806.4	61.1	-41.5	-73314.0	-1086000.0	12.9
112.13	1799.5	-347.0	14.6	448331.0	-1120000.0	13.3
112.14	1835.0	-373.6	-72.2	416388.0	-1078000.0	12.8
112.15	1770.6	373.6	72.2	-416388.0	-1086000.0	12.9
112.16	1806.1	347.0	-14.6	-448331.0	-1043000.0	12.3
112.17	1799.1	-379.8	49.7	455785.0	-1077000.0	12.7
112.18	1835.4	-340.8	-107.2	408934.0	-1121000.0	13.3
112.19	1770.2	340.8	107.2	-408934.0	-1043000.0	12.3
112.20	1806.5	379.8	-49.7	-455785.0	-1086000.0	12.9
112.21	1748.1	31.9	133.6	68205.0	-1158000.0	13.7
112.22	1866.3	-56.8	-155.8	-38272.0	-1016000.0	12.0
112.23	1739.3	56.8	155.8	38272.0	-1147000.0	13.6
112.24	1857.5	-31.9	-133.6	-68205.0	-1006000.0	11.9
112.25	1748.0	-63.7	136.0	182947.0	-1158000.0	13.7
112.26	1866.3	-152.5	-153.3	76469.0	-1016000.0	12.0
112.27	1739.4	152.5	153.3	-76469.0	-1147000.0	13.6
112.28	1857.6	63.7	-136.0	-182947.0	-1006000.0	11.9
112.29	1746.7	-77.5	250.5	93051.0	-1014000.0	12.0
112.30	1867.6	52.6	-272.7	-63118.0	-1159000.0	13.7
112.31	1738.0	-52.6	272.7	63118.0	-1004000.0	11.9
112.32	1858.9	77.5	-250.5	-93051.0	-1149000.0	13.6
112.33	1746.7	-173.2	253.0	207792.0	-1014000.0	12.0
112.34	1867.6	-43.0	-270.2	51623.0	-1159000.0	13.7
112.35	1738.0	43.0	270.2	-51623.0	-1004000.0	11.9
112.36	1858.9	173.2	-253.0	-207792.0	-1149000.0	13.6
113.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
113.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
113.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
113.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
113.5	1832.1	-48.9	3.4	58679.0	-1117000.0	13.2
113.6	1799.8	-20.2	-71.7	24236.0	-1078000.0	12.8
113.7	1805.9	20.2	71.7	-24236.0	-1085000.0	12.8
113.8	1773.5	48.9	-3.4	-58679.0	-1046000.0	12.4
113.9	1797.9	-48.8	45.9	58512.0	-1076000.0	12.7
113.10	1834.0	-20.3	-114.1	24402.0	-1119000.0	13.2
113.11	1771.6	20.3	114.1	-24402.0	-1044000.0	12.4
113.12	1807.7	48.8	-45.9	-58512.0	-1088000.0	12.9
113.13	1829.8	-366.0	4.1	439169.0	-1114000.0	13.2
113.14	1797.4	-337.3	-71.0	404726.0	-1075000.0	12.7
113.15	1808.2	337.3	71.0	-404726.0	-1088000.0	12.9
113.16	1775.8	366.0	-4.1	-439169.0	-1049000.0	12.4
113.17	1795.6	-365.8	46.6	439002.0	-1073000.0	12.7
113.18	1831.7	-337.4	-113.5	404892.0	-1116000.0	13.2
113.19	1773.9	337.4	113.5	-404892.0	-1047000.0	12.4
113.20	1810.0	365.8	-46.6	-439002.0	-1090000.0	12.9

113.21	1860.7	-58.2	115.0	69842.0	-1151000.0	13.6
113.22	1752.8	37.5	-135.4	-44968.0	-1022000.0	12.1
113.23	1852.8	-37.5	135.4	44968.0	-1142000.0	13.5
113.24	1744.9	58.2	-115.0	-69842.0	-1012000.0	12.0
113.25	1860.0	-153.3	115.2	183989.0	-1150000.0	13.6
113.26	1752.1	-57.6	-135.2	69179.0	-1021000.0	12.1
113.27	1853.5	57.6	135.2	-69179.0	-1143000.0	13.5
113.28	1745.6	153.3	-115.2	-183989.0	-1013000.0	12.0
113.29	1746.6	-57.7	256.5	69286.0	-1014000.0	12.0
113.30	1866.9	37.0	-276.9	-44412.0	-1159000.0	13.7
113.31	1738.7	-37.0	276.9	44412.0	-1005000.0	11.9
113.32	1859.0	57.7	-256.5	-69286.0	-1149000.0	13.6
113.33	1745.9	-152.9	256.7	183433.0	-1013000.0	12.0
113.34	1866.2	-58.1	-276.7	69735.0	-1158000.0	13.7
113.35	1739.4	58.1	276.7	-69735.0	-1006000.0	11.9
113.36	1859.7	152.9	-256.7	-183433.0	-1150000.0	13.6
114.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
114.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
114.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
114.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
114.5	1801.0	-39.7	1.9	47680.0	-1114000.0	13.2
114.6	1829.9	-11.5	-61.1	13799.0	-1080000.0	12.8
114.7	1775.8	11.5	61.1	-13799.0	-1084000.0	12.8
114.8	1804.6	39.7	-1.9	-47680.0	-1049000.0	12.4
114.9	1833.2	-36.0	48.9	43150.0	-1118000.0	13.2
114.10	1797.7	-15.3	-108.0	18328.0	-1076000.0	12.7
114.11	1807.9	15.3	108.0	-18328.0	-1088000.0	12.9
114.12	1772.4	36.0	-48.9	-43150.0	-1045000.0	12.4
114.13	1775.2	-355.4	4.0	426512.0	-1115000.0	13.2
114.14	1804.0	-327.2	-59.0	392631.0	-1080000.0	12.8
114.15	1801.6	327.2	59.0	-392631.0	-1083000.0	12.8
114.16	1830.5	355.4	-4.0	-426512.0	-1049000.0	12.4
114.17	1807.3	-351.7	51.0	421983.0	-1119000.0	13.2
114.18	1771.8	-331.0	-105.9	397161.0	-1076000.0	12.7
114.19	1833.8	331.0	105.9	-397161.0	-1087000.0	12.9
114.20	1798.3	351.7	-51.0	-421983.0	-1044000.0	12.4
114.21	1758.6	-54.7	96.1	65690.0	-1144000.0	13.5
114.22	1854.6	39.4	-113.8	-47246.0	-1029000.0	12.2
114.23	1751.0	-39.4	113.8	47246.0	-1135000.0	13.4
114.24	1847.1	54.7	-96.1	-65690.0	-1019000.0	12.1
114.25	1750.8	-149.4	96.7	179339.0	-1144000.0	13.5
114.26	1846.9	-55.3	-113.2	66404.0	-1029000.0	12.2
114.27	1758.7	55.3	113.2	-66404.0	-1135000.0	13.4
114.28	1854.8	149.4	-96.7	-179339.0	-1019000.0	12.1
114.29	1865.8	-42.2	252.6	50591.0	-1157000.0	13.7
114.30	1747.4	26.8	-270.4	-32148.0	-1015000.0	12.0
114.31	1858.3	-26.8	270.4	32148.0	-1148000.0	13.6
114.32	1739.8	42.2	-252.6	-50591.0	-1006000.0	11.9
114.33	1858.1	-136.9	253.3	164241.0	-1158000.0	13.7
114.34	1739.6	-67.9	-269.7	81502.0	-1015000.0	12.0
114.35	1866.0	67.9	269.7	-81502.0	-1148000.0	13.6
114.36	1747.5	136.9	-253.3	-164241.0	-1006000.0	11.9
115.1	0.0	0.0	0.0	0.0	0.0	0.0
115.2	0.0	0.0	0.0	0.0	0.0	0.0
115.3	0.0	0.0	0.0	0.0	0.0	0.0
115.4	0.0	0.0	0.0	0.0	0.0	0.0
115.5	55.7	186.2	330.5	0.0	0.0	0.0
115.6	72.7	3.9	336.6	0.0	0.0	0.0
115.7	-72.7	-3.9	-336.6	0.0	0.0	0.0
115.8	-55.7	-186.2	-330.5	0.0	0.0	0.0
115.9	70.6	118.2	331.2	0.0	0.0	0.0
115.10	57.8	71.8	335.9	0.0	0.0	0.0

115.11	-57.8	-71.8	-335.9	0.0	0.0	0.0
115.12	-70.6	-118.2	-331.2	0.0	0.0	0.0
115.13	-30.6	148.7	35.4	0.0	0.0	0.0
115.14	-13.6	-33.6	41.4	0.0	0.0	0.0
115.15	13.6	33.6	-41.4	0.0	0.0	0.0
115.16	30.6	-148.7	-35.4	0.0	0.0	0.0
115.17	-15.7	80.8	36.0	0.0	0.0	0.0
115.18	-28.6	34.4	40.8	0.0	0.0	0.0
115.19	28.6	-34.4	-40.8	0.0	0.0	0.0
115.20	15.7	-80.8	-36.0	0.0	0.0	0.0
115.21	-9.1	332.3	90.0	0.0	0.0	0.0
115.22	47.7	-275.3	110.1	0.0	0.0	0.0
115.23	-47.7	275.3	-110.1	0.0	0.0	0.0
115.24	9.1	-332.3	-90.0	0.0	0.0	0.0
115.25	-35.0	321.1	1.5	0.0	0.0	0.0
115.26	21.8	-286.6	21.6	0.0	0.0	0.0
115.27	-21.8	286.6	-21.6	0.0	0.0	0.0
115.28	35.0	-321.1	-1.5	0.0	0.0	0.0
115.29	40.7	105.9	92.1	0.0	0.0	0.0
115.30	-2.2	-48.8	108.0	0.0	0.0	0.0
115.31	2.2	48.8	-108.0	0.0	0.0	0.0
115.32	-40.7	-105.9	-92.1	0.0	0.0	0.0
115.33	14.8	94.6	3.6	0.0	0.0	0.0
115.34	-28.1	-60.1	19.5	0.0	0.0	0.0
115.35	28.1	60.1	-19.5	0.0	0.0	0.0
115.36	-14.8	-94.6	-3.6	0.0	0.0	0.0
116.1	0.0	0.0	0.0	0.0	0.0	0.1
116.2	0.0	0.0	0.0	0.0	0.0	0.1
116.3	0.0	0.0	0.0	0.0	0.0	0.0
116.4	0.0	0.0	0.0	0.0	0.0	0.1
116.5	72.2	212.7	332.1	0.0	0.0	0.1
116.6	79.2	-18.4	345.1	0.0	0.0	0.1
116.7	-79.2	18.4	-345.1	0.0	0.0	0.1
116.8	-72.2	-212.7	-332.1	0.0	0.0	0.1
116.9	78.2	128.8	332.3	0.0	0.0	0.1
116.10	73.1	65.5	344.8	0.0	0.0	0.1
116.11	-73.1	-65.5	-344.8	0.0	0.0	0.1
116.12	-78.2	-128.8	-332.3	0.0	0.0	0.1
116.13	92.4	157.8	421.1	0.0	0.0	0.1
116.14	99.4	-73.2	434.1	0.0	0.0	0.1
116.15	-99.4	73.2	-434.1	0.0	0.0	0.1
116.16	-92.4	-157.8	-421.1	0.0	0.0	0.1
116.17	98.4	74.0	421.4	0.0	0.0	0.1
116.18	93.3	10.7	433.9	0.0	0.0	0.1
116.19	-93.3	-10.7	-433.9	0.0	0.0	0.1
116.20	-98.4	-74.0	-421.4	0.0	0.0	0.1
116.21	11.1	414.2	79.8	0.0	0.0	0.1
116.22	34.4	-355.9	123.3	0.0	0.0	0.1
116.23	-34.4	355.9	-123.3	0.0	0.0	0.1
116.24	-11.1	-414.2	-79.8	0.0	0.0	0.1
116.25	17.1	397.7	106.6	0.0	0.0	0.1
116.26	40.4	-372.4	150.0	0.0	0.0	0.1
116.27	-40.4	372.4	-150.0	0.0	0.0	0.1
116.28	-17.1	-397.7	-106.6	0.0	0.0	0.1
116.29	31.2	134.6	80.8	0.0	0.0	0.1
116.30	14.2	-76.4	122.4	0.0	0.0	0.1
116.31	-14.2	76.4	-122.4	0.0	0.0	0.1
116.32	-31.2	-134.6	-80.8	0.0	0.0	0.1
116.33	37.3	118.2	107.5	0.0	0.0	0.1
116.34	20.3	-92.8	149.1	0.0	0.0	0.1
116.35	-20.3	92.8	-149.1	0.0	0.0	0.1
116.36	-37.3	-118.2	-107.5	0.0	0.0	0.1

117.1	0.0	0.0	0.0	0.0	0.0	0.0
117.2	0.0	0.0	0.0	0.0	0.0	0.0
117.3	0.0	0.0	0.0	0.0	0.0	0.0
117.4	0.0	0.0	0.0	0.0	0.0	0.0
117.5	76.5	240.9	369.7	0.0	0.0	0.0
117.6	81.6	12.7	377.5	0.0	0.0	0.0
117.7	-81.6	-12.7	-377.5	0.0	0.0	0.0
117.8	-76.5	-240.9	-369.7	0.0	0.0	0.0
117.9	80.8	160.5	368.4	0.0	0.0	0.0
117.10	77.3	93.2	378.8	0.0	0.0	0.0
117.11	-77.3	-93.2	-378.8	0.0	0.0	0.0
117.12	-80.8	-160.5	-368.4	0.0	0.0	0.0
117.13	-93.8	209.9	386.5	0.0	0.0	0.0
117.14	-88.7	-18.3	394.4	0.0	0.0	0.0
117.15	88.7	18.3	-394.4	0.0	0.0	0.0
117.16	93.8	-209.9	-386.5	0.0	0.0	0.0
117.17	-89.5	129.5	385.2	0.0	0.0	0.0
117.18	-93.0	62.2	395.6	0.0	0.0	0.0
117.19	93.0	-62.2	-395.6	0.0	0.0	0.0
117.20	89.5	-129.5	-385.2	0.0	0.0	0.0
117.21	15.2	418.3	99.0	0.0	0.0	0.0
117.22	32.3	-342.3	125.2	0.0	0.0	0.0
117.23	-32.3	342.3	-125.2	0.0	0.0	0.0
117.24	-15.2	-418.3	-99.0	0.0	0.0	0.0
117.25	-35.9	409.1	104.0	0.0	0.0	0.0
117.26	-18.8	-351.6	130.2	0.0	0.0	0.0
117.27	18.8	351.6	-130.2	0.0	0.0	0.0
117.28	35.9	-409.1	-104.0	0.0	0.0	0.0
117.29	29.6	150.3	94.7	0.0	0.0	0.0
117.30	17.9	-74.2	129.4	0.0	0.0	0.0
117.31	-17.9	74.2	-129.4	0.0	0.0	0.0
117.32	-29.6	-150.3	-94.7	0.0	0.0	0.0
117.33	-21.5	141.0	99.8	0.0	0.0	0.0
117.34	-33.2	-83.5	134.5	0.0	0.0	0.0
117.35	33.2	83.5	-134.5	0.0	0.0	0.0
117.36	21.5	-141.0	-99.8	0.0	0.0	0.0
118.1	0.0	0.0	0.0	0.0	0.0	0.0
118.2	0.0	0.0	0.0	0.0	0.0	0.0
118.3	0.0	0.0	0.0	0.0	0.0	0.0
118.4	0.0	0.0	0.0	0.0	0.0	0.0
118.5	22.0	128.3	21.4	0.0	0.0	0.0
118.6	9.6	-46.2	28.6	0.0	0.0	0.0
118.7	-9.6	46.2	-28.6	0.0	0.0	0.0
118.8	-22.0	-128.3	-21.4	0.0	0.0	0.0
118.9	21.3	63.0	20.0	0.0	0.0	0.0
118.10	10.3	19.0	30.0	0.0	0.0	0.0
118.11	-10.3	-19.0	-30.0	0.0	0.0	0.0
118.12	-21.3	-63.0	-20.0	0.0	0.0	0.0
118.13	-46.5	129.2	187.0	0.0	0.0	0.0
118.14	-59.0	-45.3	194.3	0.0	0.0	0.0
118.15	59.0	45.3	-194.3	0.0	0.0	0.0
118.16	46.5	-129.2	-187.0	0.0	0.0	0.0
118.17	-47.2	64.0	185.6	0.0	0.0	0.0
118.18	-58.2	20.0	195.6	0.0	0.0	0.0
118.19	58.2	-20.0	-195.6	0.0	0.0	0.0
118.20	47.2	-64.0	-185.6	0.0	0.0	0.0
118.21	25.5	303.2	-4.5	0.0	0.0	0.0
118.22	-16.0	-278.6	19.5	0.0	0.0	0.0
118.23	16.0	278.6	-19.5	0.0	0.0	0.0
118.24	-25.5	-303.2	4.5	0.0	0.0	0.0
118.25	4.9	303.5	45.1	0.0	0.0	0.0
118.26	-36.6	-278.3	69.2	0.0	0.0	0.0

118.27	36.6	278.3	-69.2	0.0	0.0	0.0
118.28	-4.9	-303.5	-45.1	0.0	0.0	0.0
118.29	23.0	85.7	-9.2	0.0	0.0	0.0
118.30	-13.5	-61.1	24.2	0.0	0.0	0.0
118.31	13.5	61.1	-24.2	0.0	0.0	0.0
118.32	-23.0	-85.7	9.2	0.0	0.0	0.0
118.33	2.5	86.0	40.5	0.0	0.0	0.0
118.34	-34.1	-60.8	73.9	0.0	0.0	0.0
118.35	34.1	60.8	-73.9	0.0	0.0	0.0
118.36	-2.5	-86.0	-40.5	0.0	0.0	0.0
119.1	0.0	0.0	0.0	0.0	0.0	-0.1
119.2	0.0	0.0	0.0	0.0	0.0	-0.1
119.3	0.0	0.0	0.0	0.0	0.0	0.0
119.4	0.0	0.0	0.0	0.0	0.0	-0.1
119.5	-89.7	195.7	458.2	0.0	0.0	-0.1
119.6	-86.3	-33.4	467.1	0.0	0.0	-0.1
119.7	86.3	33.4	-467.1	0.0	0.0	-0.1
119.8	89.7	-195.7	-458.2	0.0	0.0	-0.1
119.9	-89.9	112.3	455.3	0.0	0.0	-0.1
119.10	-86.1	49.9	470.0	0.0	0.0	-0.1
119.11	86.1	-49.9	-470.0	0.0	0.0	-0.1
119.12	89.9	-112.3	-455.3	0.0	0.0	-0.1
119.13	-84.0	188.2	314.5	0.0	0.0	-0.1
119.14	-80.7	-40.9	323.3	0.0	0.0	-0.1
119.15	80.7	40.9	-323.3	0.0	0.0	-0.1
119.16	84.0	-188.2	-314.5	0.0	0.0	-0.1
119.17	-84.3	104.9	311.5	0.0	0.0	-0.1
119.18	-80.4	42.4	326.3	0.0	0.0	-0.1
119.19	80.4	-42.4	-326.3	0.0	0.0	-0.1
119.20	84.3	-104.9	-311.5	0.0	0.0	-0.1
119.21	-32.0	406.2	124.1	0.0	0.0	-0.1
119.22	-20.8	-357.5	153.5	0.0	0.0	-0.1
119.23	20.8	357.5	-153.5	0.0	0.0	-0.1
119.24	32.0	-406.2	-124.1	0.0	0.0	-0.1
119.25	-30.3	403.9	81.0	0.0	0.0	-0.1
119.26	-19.2	-359.7	110.3	0.0	0.0	-0.1
119.27	19.2	359.7	-110.3	0.0	0.0	-0.1
119.28	30.3	-403.9	-81.0	0.0	0.0	-0.1
119.29	-32.9	128.4	114.2	0.0	0.0	-0.1
119.30	-19.9	-79.7	163.4	0.0	0.0	-0.1
119.31	19.9	79.7	-163.4	0.0	0.0	-0.1
119.32	32.9	-128.4	-114.2	0.0	0.0	-0.1
119.33	-31.2	126.2	71.0	0.0	0.0	-0.1
119.34	-18.2	-82.0	120.3	0.0	0.0	-0.1
119.35	18.2	82.0	-120.3	0.0	0.0	-0.1
119.36	31.2	-126.2	-71.0	0.0	0.0	-0.1
120.1	0.0	0.0	0.0	0.0	0.0	-0.1
120.2	0.0	0.0	0.0	0.0	0.0	-0.2
120.3	0.0	0.0	0.0	0.0	0.0	-0.1
120.4	0.0	0.0	0.0	0.0	0.0	-0.2
120.5	28.1	174.6	48.7	0.0	0.0	-0.1
120.6	22.0	-43.5	72.3	0.0	0.0	-0.1
120.7	-22.0	43.5	-72.3	0.0	0.0	-0.1
120.8	-28.1	-174.6	-48.7	0.0	0.0	-0.1
120.9	27.9	94.0	50.9	0.0	0.0	-0.1
120.10	22.2	37.0	70.1	0.0	0.0	-0.1
120.11	-22.2	-37.0	-70.1	0.0	0.0	-0.1
120.12	-27.9	-94.0	-50.9	0.0	0.0	-0.1
120.13	64.7	183.8	251.8	0.0	0.0	-0.1
120.14	58.6	-34.3	275.4	0.0	0.0	-0.1
120.15	-58.6	34.3	-275.4	0.0	0.0	-0.1
120.16	-64.7	-183.8	-251.8	0.0	0.0	-0.1

120.17	64.5	103.2	254.0	0.0	0.0	-0.1
120.18	58.8	46.2	273.2	0.0	0.0	-0.1
120.19	-58.8	-46.2	-273.2	0.0	0.0	-0.1
120.20	-64.5	-103.2	-254.0	0.0	0.0	-0.1
120.21	17.6	383.1	-21.2	0.0	0.0	-0.1
120.22	-2.6	-343.8	57.5	0.0	0.0	-0.1
120.23	2.6	343.8	-57.5	0.0	0.0	-0.1
120.24	-17.6	-383.1	21.2	0.0	0.0	-0.1
120.25	28.6	385.9	39.7	0.0	0.0	-0.1
120.26	8.4	-341.1	118.4	0.0	0.0	-0.1
120.27	-8.4	341.1	-118.4	0.0	0.0	-0.1
120.28	-28.6	-385.9	-39.7	0.0	0.0	-0.1
120.29	17.0	114.7	-13.7	0.0	0.0	-0.1
120.30	-2.0	-75.4	50.0	0.0	0.0	-0.1
120.31	2.0	75.4	-50.0	0.0	0.0	-0.1
120.32	-17.0	-114.7	13.7	0.0	0.0	-0.1
120.33	28.0	117.4	47.2	0.0	0.0	-0.1
120.34	9.0	-72.6	110.9	0.0	0.0	-0.1
120.35	-9.0	72.6	-110.9	0.0	0.0	-0.1
120.36	-28.0	-117.4	-47.2	0.0	0.0	-0.1
121.1	0.0	0.0	0.0	0.0	0.0	0.1
121.2	0.0	0.0	0.0	0.0	0.0	0.1
121.3	0.0	0.0	0.0	0.0	0.0	0.0
121.4	0.0	0.0	0.0	0.0	0.0	0.1
121.5	-47.1	207.5	132.3	0.0	0.0	0.1
121.6	-42.6	-35.0	161.0	0.0	0.0	0.1
121.7	42.6	35.0	-161.0	0.0	0.0	0.1
121.8	47.1	-207.5	-132.3	0.0	0.0	0.1
121.9	-42.4	118.3	129.8	0.0	0.0	0.1
121.10	-47.3	54.2	163.5	0.0	0.0	0.1
121.11	47.3	-54.2	-163.5	0.0	0.0	0.1
121.12	42.4	-118.3	-129.8	0.0	0.0	0.1
121.13	73.0	246.2	321.3	0.0	0.0	0.1
121.14	77.5	3.6	350.0	0.0	0.0	0.1
121.15	-77.5	-3.6	-350.0	0.0	0.0	0.1
121.16	-73.0	-246.2	-321.3	0.0	0.0	0.1
121.17	77.7	157.0	318.8	0.0	0.0	0.1
121.18	72.8	92.9	352.5	0.0	0.0	0.1
121.19	-72.8	-92.9	-352.5	0.0	0.0	0.1
121.20	-77.7	-157.0	-318.8	0.0	0.0	0.1
121.21	-21.0	430.1	-3.9	0.0	0.0	0.1
121.22	-5.9	-378.4	91.8	0.0	0.0	0.1
121.23	5.9	378.4	-91.8	0.0	0.0	0.1
121.24	21.0	-430.1	3.9	0.0	0.0	0.1
121.25	15.0	441.7	52.8	0.0	0.0	0.1
121.26	30.1	-366.8	148.5	0.0	0.0	0.1
121.27	-30.1	366.8	-148.5	0.0	0.0	0.1
121.28	-15.0	-441.7	-52.8	0.0	0.0	0.1
121.29	-5.2	132.7	-12.2	0.0	0.0	0.1
121.30	-21.7	-80.9	100.2	0.0	0.0	0.1
121.31	21.7	80.9	-100.2	0.0	0.0	0.1
121.32	5.2	-132.7	12.2	0.0	0.0	0.1
121.33	30.8	144.3	44.5	0.0	0.0	0.1
121.34	14.3	-69.3	156.9	0.0	0.0	0.1
121.35	-14.3	69.3	-156.9	0.0	0.0	0.1
121.36	-30.8	-144.3	-44.5	0.0	0.0	0.1
122.1	0.0	0.0	0.0	0.0	0.0	-0.1
122.2	0.0	0.0	0.0	0.0	0.0	-0.1
122.3	0.0	0.0	0.0	0.0	0.0	0.0
122.4	0.0	0.0	0.0	0.0	0.0	-0.1
122.5	-71.7	195.6	303.2	0.0	0.0	-0.1
122.6	-74.4	-43.1	317.2	0.0	0.0	-0.1

122.7	74.4	43.1	-317.2	0.0	0.0	-0.1
122.8	71.7	-195.6	-303.2	0.0	0.0	-0.1
122.9	-74.2	107.1	304.2	0.0	0.0	-0.1
122.10	-71.9	45.3	316.2	0.0	0.0	-0.1
122.11	71.9	-45.3	-316.2	0.0	0.0	-0.1
122.12	74.2	-107.1	-304.2	0.0	0.0	-0.1
122.13	99.1	193.0	433.2	0.0	0.0	-0.1
122.14	96.5	-45.7	447.3	0.0	0.0	-0.1
122.15	-96.5	45.7	-447.3	0.0	0.0	-0.1
122.16	-99.1	-193.0	-433.2	0.0	0.0	-0.1
122.17	96.7	104.5	434.3	0.0	0.0	-0.1
122.18	98.9	42.8	446.2	0.0	0.0	-0.1
122.19	-98.9	-42.8	-446.2	0.0	0.0	-0.1
122.20	-96.7	-104.5	-434.3	0.0	0.0	-0.1
122.21	-17.5	420.6	69.6	0.0	0.0	-0.1
122.22	-26.4	-374.9	116.5	0.0	0.0	-0.1
122.23	26.4	374.9	-116.5	0.0	0.0	-0.1
122.24	17.5	-420.6	-69.6	0.0	0.0	-0.1
122.25	33.8	419.9	108.6	0.0	0.0	-0.1
122.26	24.9	-375.7	155.5	0.0	0.0	-0.1
122.27	-24.9	375.7	-155.5	0.0	0.0	-0.1
122.28	-33.8	-419.9	-108.6	0.0	0.0	-0.1
122.29	-25.6	125.8	73.2	0.0	0.0	-0.1
122.30	-18.2	-80.1	112.9	0.0	0.0	-0.1
122.31	18.2	80.1	-112.9	0.0	0.0	-0.1
122.32	25.6	-125.8	-73.2	0.0	0.0	-0.1
122.33	25.6	125.1	112.2	0.0	0.0	-0.1
122.34	33.0	-80.9	152.0	0.0	0.0	-0.1
122.35	-33.0	80.9	-152.0	0.0	0.0	-0.1
122.36	-25.6	-125.1	-112.2	0.0	0.0	-0.1
123.1	0.0	0.0	0.0	0.0	0.0	0.7
123.2	0.0	0.0	0.0	0.0	0.0	1.6
123.3	0.0	0.0	0.0	0.0	0.0	0.5
123.4	0.0	0.0	0.0	0.0	0.0	1.4
123.5	23.0	163.8	33.7	0.0	0.0	0.7
123.6	17.2	-46.5	48.8	0.0	0.0	0.7
123.7	-17.2	46.5	-48.8	0.0	0.0	0.7
123.8	-23.0	-163.8	-33.7	0.0	0.0	0.7
123.9	17.1	85.7	35.2	0.0	0.0	0.7
123.10	23.1	31.7	47.3	0.0	0.0	0.7
123.11	-23.1	-31.7	-47.3	0.0	0.0	0.7
123.12	-17.1	-85.7	-35.2	0.0	0.0	0.7
123.13	62.6	170.8	225.2	0.0	0.0	0.7
123.14	56.8	-39.5	240.3	0.0	0.0	0.7
123.15	-56.8	39.5	-240.3	0.0	0.0	0.7
123.16	-62.6	-170.8	-225.2	0.0	0.0	0.7
123.17	56.7	92.6	226.7	0.0	0.0	0.7
123.18	62.7	38.6	238.8	0.0	0.0	0.7
123.19	-62.7	-38.6	-238.8	0.0	0.0	0.7
123.20	-56.7	-92.6	-226.7	0.0	0.0	0.7
123.21	15.8	368.1	-12.7	0.0	0.0	0.7
123.22	-3.7	-332.9	37.5	0.0	0.0	0.7
123.23	3.7	332.9	-37.5	0.0	0.0	0.7
123.24	-15.8	-368.1	12.7	0.0	0.0	0.7
123.25	27.7	370.2	44.7	0.0	0.0	0.7
123.26	8.2	-330.8	94.9	0.0	0.0	0.7
123.27	-8.2	330.8	-94.9	0.0	0.0	0.7
123.28	-27.7	-370.2	-44.7	0.0	0.0	0.7
123.29	-4.0	107.6	-7.7	0.0	0.0	0.7
123.30	16.1	-72.4	32.4	0.0	0.0	0.7
123.31	-16.1	72.4	-32.4	0.0	0.0	0.7
123.32	4.0	-107.6	7.7	0.0	0.0	0.7

123.33	7.9	109.7	49.8	0.0	0.0	0.7
123.34	28.0	-70.3	89.9	0.0	0.0	0.7
123.35	-28.0	70.3	-89.9	0.0	0.0	0.7
123.36	-7.9	-109.7	-49.8	0.0	0.0	0.7
124.1	0.0	0.0	0.0	0.0	0.0	0.0
124.2	0.0	0.0	0.0	0.0	0.0	0.1
124.3	0.0	0.0	0.0	0.0	0.0	0.0
124.4	0.0	0.0	0.0	0.0	0.0	0.1
124.5	73.2	277.7	328.6	0.0	0.0	0.0
124.6	66.4	54.1	338.2	0.0	0.0	0.0
124.7	-66.4	-54.1	-338.2	0.0	0.0	0.0
124.8	-73.2	-277.7	-328.6	0.0	0.0	0.0
124.9	72.7	194.8	330.7	0.0	0.0	0.0
124.10	67.0	137.0	336.1	0.0	0.0	0.0
124.11	-67.0	-137.0	-336.1	0.0	0.0	0.0
124.12	-72.7	-194.8	-330.7	0.0	0.0	0.0
124.13	-30.7	210.5	79.3	0.0	0.0	0.0
124.14	-37.5	-13.0	88.9	0.0	0.0	0.0
124.15	37.5	13.0	-88.9	0.0	0.0	0.0
124.16	30.7	-210.5	-79.3	0.0	0.0	0.0
124.17	-31.2	127.7	81.4	0.0	0.0	0.0
124.18	-37.0	69.9	86.8	0.0	0.0	0.0
124.19	37.0	-69.9	-86.8	0.0	0.0	0.0
124.20	31.2	-127.7	-81.4	0.0	0.0	0.0
124.21	32.3	422.3	84.1	0.0	0.0	0.0
124.22	9.6	-322.8	115.9	0.0	0.0	0.0
124.23	-9.6	322.8	-115.9	0.0	0.0	0.0
124.24	-32.3	-422.3	-84.1	0.0	0.0	0.0
124.25	1.1	402.2	9.3	0.0	0.0	0.0
124.26	-21.6	-342.9	41.2	0.0	0.0	0.0
124.27	21.6	342.9	-41.2	0.0	0.0	0.0
124.28	-1.1	-402.2	-9.3	0.0	0.0	0.0
124.29	30.6	146.1	91.0	0.0	0.0	0.0
124.30	11.3	-46.5	109.0	0.0	0.0	0.0
124.31	-11.3	46.5	-109.0	0.0	0.0	0.0
124.32	-30.6	-146.1	-91.0	0.0	0.0	0.0
124.33	-0.6	125.9	16.2	0.0	0.0	0.0
124.34	-19.9	-66.7	34.2	0.0	0.0	0.0
124.35	19.9	66.7	-34.2	0.0	0.0	0.0
124.36	0.6	-125.9	-16.2	0.0	0.0	0.0
125.1	0.0	0.0	0.0	0.0	0.0	-0.1
125.2	0.0	0.0	0.0	0.0	0.0	-0.2
125.3	0.0	0.0	0.0	0.0	0.0	-0.1
125.4	0.0	0.0	0.0	0.0	0.0	-0.1
125.5	66.8	310.7	335.7	0.0	0.0	-0.1
125.6	72.5	80.1	347.4	0.0	0.0	-0.1
125.7	-72.5	-80.1	-347.4	0.0	0.0	-0.1
125.8	-66.8	-310.7	-335.7	0.0	0.0	-0.1
125.9	67.3	225.7	337.7	0.0	0.0	-0.1
125.10	72.0	165.1	345.4	0.0	0.0	-0.1
125.11	-72.0	-165.1	-345.4	0.0	0.0	-0.1
125.12	-67.3	-225.7	-337.7	0.0	0.0	-0.1
125.13	42.5	225.4	135.7	0.0	0.0	-0.1
125.14	48.2	-5.1	147.4	0.0	0.0	-0.1
125.15	-48.2	5.1	-147.4	0.0	0.0	-0.1
125.16	-42.5	-225.4	-135.7	0.0	0.0	-0.1
125.17	43.0	140.5	137.7	0.0	0.0	-0.1
125.18	47.7	79.8	145.4	0.0	0.0	-0.1
125.19	-47.7	-79.8	-145.4	0.0	0.0	-0.1
125.20	-43.0	-140.5	-137.7	0.0	0.0	-0.1
125.21	11.4	442.8	83.0	0.0	0.0	-0.1
125.22	30.4	-325.6	121.9	0.0	0.0	-0.1

125.23	-30.4	325.6	-121.9	0.0	0.0	-0.1
125.24	-11.4	-442.8	-83.0	0.0	0.0	-0.1
125.25	4.1	417.2	23.0	0.0	0.0	-0.1
125.26	23.1	-351.1	61.9	0.0	0.0	-0.1
125.27	-23.1	351.1	-61.9	0.0	0.0	-0.1
125.28	-4.1	-417.2	-23.0	0.0	0.0	-0.1
125.29	13.1	159.8	89.6	0.0	0.0	-0.1
125.30	28.7	-42.5	115.4	0.0	0.0	-0.1
125.31	-28.7	42.5	-115.4	0.0	0.0	-0.1
125.32	-13.1	-159.8	-89.6	0.0	0.0	-0.1
125.33	5.8	134.2	29.6	0.0	0.0	-0.1
125.34	21.4	-68.1	55.4	0.0	0.0	-0.1
125.35	-21.4	68.1	-55.4	0.0	0.0	-0.1
125.36	-5.8	-134.2	-29.6	0.0	0.0	-0.1
126.1	0.0	0.0	0.0	0.0	0.0	0.0
126.2	0.0	0.0	0.0	0.0	0.0	-0.1
126.3	0.0	0.0	0.0	0.0	0.0	0.0
126.4	0.0	0.0	0.0	0.0	0.0	0.0
126.5	-83.2	233.9	416.9	0.0	0.0	0.0
126.6	-84.1	6.9	420.7	0.0	0.0	0.0
126.7	84.1	-6.9	-420.7	0.0	0.0	0.0
126.8	83.2	-233.9	-416.9	0.0	0.0	0.0
126.9	-84.7	153.9	413.0	0.0	0.0	0.0
126.10	-82.6	86.9	424.6	0.0	0.0	0.0
126.11	82.6	-86.9	-424.6	0.0	0.0	0.0
126.12	84.7	-153.9	-413.0	0.0	0.0	0.0
126.13	-86.2	220.1	348.0	0.0	0.0	0.0
126.14	-87.1	-6.9	351.8	0.0	0.0	0.0
126.15	87.1	6.9	-351.8	0.0	0.0	0.0
126.16	86.2	-220.1	-348.0	0.0	0.0	0.0
126.17	-87.7	140.1	344.1	0.0	0.0	0.0
126.18	-85.6	73.0	355.7	0.0	0.0	0.0
126.19	85.6	-73.0	-355.7	0.0	0.0	0.0
126.20	87.7	-140.1	-344.1	0.0	0.0	0.0
126.21	-23.5	414.5	119.3	0.0	0.0	0.0
126.22	-26.6	-342.2	132.0	0.0	0.0	0.0
126.23	26.6	342.2	-132.0	0.0	0.0	0.0
126.24	23.5	-414.5	-119.3	0.0	0.0	0.0
126.25	-24.5	410.3	98.6	0.0	0.0	0.0
126.26	-27.5	-346.4	111.3	0.0	0.0	0.0
126.27	27.5	346.4	-111.3	0.0	0.0	0.0
126.28	24.5	-410.3	-98.6	0.0	0.0	0.0
126.29	-28.6	147.8	106.4	0.0	0.0	0.0
126.30	-21.6	-75.6	144.9	0.0	0.0	0.0
126.31	21.6	75.6	-144.9	0.0	0.0	0.0
126.32	28.6	-147.8	-106.4	0.0	0.0	0.0
126.33	-29.5	143.7	85.7	0.0	0.0	0.0
126.34	-22.5	-79.7	124.2	0.0	0.0	0.0
126.35	22.5	79.7	-124.2	0.0	0.0	0.0
126.36	29.5	-143.7	-85.7	0.0	0.0	0.0
127.1	0.0	0.0	0.0	0.0	0.0	0.0
127.2	0.0	0.0	0.0	0.0	0.0	0.0
127.3	0.0	0.0	0.0	0.0	0.0	0.0
127.4	0.0	0.0	0.0	0.0	0.0	0.0
127.5	77.2	297.3	391.5	0.0	0.0	0.0
127.6	68.3	62.5	404.6	0.0	0.0	0.0
127.7	-68.3	-62.5	-404.6	0.0	0.0	0.0
127.8	-77.2	-297.3	-391.5	0.0	0.0	0.0
127.9	69.6	210.4	393.1	0.0	0.0	0.0
127.10	76.0	149.3	403.0	0.0	0.0	0.0
127.11	-76.0	-149.3	-403.0	0.0	0.0	0.0
127.12	-69.6	-210.4	-393.1	0.0	0.0	0.0

127.13	-52.5	216.0	197.5	0.0	0.0	0.0
127.14	-61.4	-18.8	210.5	0.0	0.0	0.0
127.15	61.4	18.8	-210.5	0.0	0.0	0.0
127.16	52.5	-216.0	-197.5	0.0	0.0	0.0
127.17	-60.1	129.2	199.1	0.0	0.0	0.0
127.18	-53.8	68.1	209.0	0.0	0.0	0.0
127.19	53.8	-68.1	-209.0	0.0	0.0	0.0
127.20	60.1	-129.2	-199.1	0.0	0.0	0.0
127.21	36.7	445.3	97.7	0.0	0.0	0.0
127.22	7.0	-337.4	141.1	0.0	0.0	0.0
127.23	-7.0	337.4	-141.1	0.0	0.0	0.0
127.24	-36.7	-445.3	-97.7	0.0	0.0	0.0
127.25	-2.2	420.9	39.5	0.0	0.0	0.0
127.26	-31.9	-361.7	82.9	0.0	0.0	0.0
127.27	31.9	361.7	-82.9	0.0	0.0	0.0
127.28	2.2	-420.9	-39.5	0.0	0.0	0.0
127.29	11.3	155.8	103.0	0.0	0.0	0.0
127.30	32.4	-47.9	135.9	0.0	0.0	0.0
127.31	-32.4	47.9	-135.9	0.0	0.0	0.0
127.32	-11.3	-155.8	-103.0	0.0	0.0	0.0
127.33	-27.6	131.4	44.7	0.0	0.0	0.0
127.34	-6.5	-72.2	77.7	0.0	0.0	0.0
127.35	6.5	72.2	-77.7	0.0	0.0	0.0
127.36	27.6	-131.4	-44.7	0.0	0.0	0.0
128.1	0.0	0.0	0.0	0.0	0.0	0.0
128.2	0.0	0.0	0.0	0.0	0.0	0.1
128.3	0.0	0.0	0.0	0.0	0.0	0.0
128.4	0.0	0.0	0.0	0.0	0.0	0.0
128.5	-55.6	246.6	184.1	0.0	0.0	0.0
128.6	-52.0	-0.7	204.9	0.0	0.0	0.0
128.7	52.0	0.7	-204.9	0.0	0.0	0.0
128.8	55.6	-246.6	-184.1	0.0	0.0	0.0
128.9	-55.7	159.4	182.8	0.0	0.0	0.0
128.10	-51.9	86.5	206.2	0.0	0.0	0.0
128.11	51.9	-86.5	-206.2	0.0	0.0	0.0
128.12	55.7	-159.4	-182.8	0.0	0.0	0.0
128.13	-83.7	304.6	351.5	0.0	0.0	0.0
128.14	-80.2	57.3	372.2	0.0	0.0	0.0
128.15	80.2	-57.3	-372.2	0.0	0.0	0.0
128.16	83.7	-304.6	-351.5	0.0	0.0	0.0
128.17	-83.8	217.4	350.2	0.0	0.0	0.0
128.18	-80.1	144.5	373.5	0.0	0.0	0.0
128.19	80.1	-144.5	-373.5	0.0	0.0	0.0
128.20	83.8	-217.4	-350.2	0.0	0.0	0.0
128.21	-22.1	449.0	23.8	0.0	0.0	0.0
128.22	-10.2	-375.2	92.9	0.0	0.0	0.0
128.23	10.2	375.2	-92.9	0.0	0.0	0.0
128.24	22.1	-449.0	-23.8	0.0	0.0	0.0
128.25	-30.5	466.4	74.0	0.0	0.0	0.0
128.26	-18.6	-357.8	143.1	0.0	0.0	0.0
128.27	18.6	357.8	-143.1	0.0	0.0	0.0
128.28	30.5	-466.4	-74.0	0.0	0.0	0.0
128.29	-22.4	158.5	19.4	0.0	0.0	0.0
128.30	-9.9	-84.7	97.3	0.0	0.0	0.0
128.31	9.9	84.7	-97.3	0.0	0.0	0.0
128.32	22.4	-158.5	-19.4	0.0	0.0	0.0
128.33	-30.9	175.9	69.7	0.0	0.0	0.0
128.34	-18.3	-67.3	147.5	0.0	0.0	0.0
128.35	18.3	67.3	-147.5	0.0	0.0	0.0
128.36	30.9	-175.9	-69.7	0.0	0.0	0.0
129.1	0.0	0.0	0.0	0.0	0.0	0.0
129.2	0.0	0.0	0.0	0.0	0.0	0.0

129.3	0.0	0.0	0.0	0.0	0.0	0.0
129.4	0.0	0.0	0.0	0.0	0.0	0.0
129.5	3.4	-11.9	39.5	0.0	0.0	0.0
129.6	-25.7	-26.8	-90.7	0.0	0.0	0.0
129.7	25.7	26.8	90.7	0.0	0.0	0.0
129.8	-3.4	11.9	-39.5	0.0	0.0	0.0
129.9	-0.4	-6.7	-2.4	0.0	0.0	0.0
129.10	-22.0	-31.9	-48.8	0.0	0.0	0.0
129.11	22.0	31.9	48.8	0.0	0.0	0.0
129.12	0.4	6.7	2.4	0.0	0.0	0.0
129.13	34.4	-268.5	48.4	0.0	0.0	0.0
129.14	5.3	-283.4	-81.8	0.0	0.0	0.0
129.15	-5.3	283.4	81.8	0.0	0.0	0.0
129.16	-34.4	268.5	-48.4	0.0	0.0	0.0
129.17	30.6	-263.4	6.5	0.0	0.0	0.0
129.18	9.1	-288.6	-39.9	0.0	0.0	0.0
129.19	-9.1	288.6	39.9	0.0	0.0	0.0
129.20	-30.6	263.4	-6.5	0.0	0.0	0.0
129.21	45.1	19.1	209.3	0.0	0.0	0.0
129.22	-51.9	-30.7	-224.7	0.0	0.0	0.0
129.23	51.9	30.7	224.7	0.0	0.0	0.0
129.24	-45.1	-19.1	-209.3	0.0	0.0	0.0
129.25	54.5	-57.9	212.0	0.0	0.0	0.0
129.26	-42.5	-107.7	-222.0	0.0	0.0	0.0
129.27	42.5	107.7	222.0	0.0	0.0	0.0
129.28	-54.5	57.9	-212.0	0.0	0.0	0.0
129.29	32.6	36.2	69.7	0.0	0.0	0.0
129.30	-39.3	-47.8	-85.1	0.0	0.0	0.0
129.31	39.3	47.8	85.1	0.0	0.0	0.0
129.32	-32.6	-36.2	-69.7	0.0	0.0	0.0
129.33	41.9	-40.8	72.4	0.0	0.0	0.0
129.34	-30.0	-124.8	-82.4	0.0	0.0	0.0
129.35	30.0	124.8	82.4	0.0	0.0	0.0
129.36	-41.9	40.8	-72.4	0.0	0.0	0.0
130.1	0.0	0.0	0.0	0.0	0.0	0.0
130.2	0.0	0.0	0.0	0.0	0.0	0.0
130.3	0.0	0.0	0.0	0.0	0.0	0.0
130.4	0.0	0.0	0.0	0.0	0.0	0.0
130.5	74.4	239.9	453.1	0.0	0.0	0.0
130.6	85.2	4.5	466.3	0.0	0.0	0.0
130.7	-85.2	-4.5	-466.3	0.0	0.0	0.0
130.8	-74.4	-239.9	-453.1	0.0	0.0	0.0
130.9	76.4	151.8	453.9	0.0	0.0	0.0
130.10	83.2	92.7	465.5	0.0	0.0	0.0
130.11	-83.2	-92.7	-465.5	0.0	0.0	0.0
130.12	-76.4	-151.8	-453.9	0.0	0.0	0.0
130.13	-73.5	185.5	253.1	0.0	0.0	0.0
130.14	-62.7	-50.0	266.2	0.0	0.0	0.0
130.15	62.7	50.0	-266.2	0.0	0.0	0.0
130.16	73.5	-185.5	-253.1	0.0	0.0	0.0
130.17	-71.6	97.3	253.9	0.0	0.0	0.0
130.18	-64.7	38.2	265.4	0.0	0.0	0.0
130.19	64.7	-38.2	-265.4	0.0	0.0	0.0
130.20	71.6	-97.3	-253.9	0.0	0.0	0.0
130.21	6.0	429.1	116.0	0.0	0.0	0.0
130.22	41.9	-355.8	159.8	0.0	0.0	0.0
130.23	-41.9	355.8	-159.8	0.0	0.0	0.0
130.24	-6.0	-429.1	-116.0	0.0	0.0	0.0
130.25	-38.4	412.8	56.0	0.0	0.0	0.0
130.26	-2.5	-372.1	99.8	0.0	0.0	0.0
130.27	2.5	372.1	-99.8	0.0	0.0	0.0
130.28	38.4	-412.8	-56.0	0.0	0.0	0.0

130.29	12.5	135.1	118.7	0.0	0.0	0.0
130.30	35.4	-61.8	157.1	0.0	0.0	0.0
130.31	-35.4	61.8	-157.1	0.0	0.0	0.0
130.32	-12.5	-135.1	-118.7	0.0	0.0	0.0
130.33	-31.9	118.8	58.7	0.0	0.0	0.0
130.34	-9.0	-78.2	97.1	0.0	0.0	0.0
130.35	9.0	78.2	-97.1	0.0	0.0	0.0
130.36	31.9	-118.8	-58.7	0.0	0.0	0.0
131.1	0.0	0.0	0.0	0.0	0.0	-0.2
131.2	0.0	0.0	0.0	0.0	0.0	-0.3
131.3	0.0	0.0	0.0	0.0	0.0	-0.1
131.4	0.0	0.0	0.0	0.0	0.0	-0.3
131.5	30.5	179.3	86.9	0.0	0.0	-0.2
131.6	43.0	-50.8	123.2	0.0	0.0	-0.2
131.7	-43.0	50.8	-123.2	0.0	0.0	-0.2
131.8	-30.5	-179.3	-86.9	0.0	0.0	-0.2
131.9	41.2	93.5	88.5	0.0	0.0	-0.2
131.10	32.3	35.0	121.6	0.0	0.0	-0.2
131.11	-32.3	-35.0	-121.6	0.0	0.0	-0.2
131.12	-41.2	-93.5	-88.5	0.0	0.0	-0.2
131.13	62.1	188.8	300.5	0.0	0.0	-0.2
131.14	74.5	-41.3	336.9	0.0	0.0	-0.2
131.15	-74.5	41.3	-336.9	0.0	0.0	-0.2
131.16	-62.1	-188.8	-300.5	0.0	0.0	-0.2
131.17	72.7	103.0	302.2	0.0	0.0	-0.2
131.18	63.9	44.5	335.2	0.0	0.0	-0.2
131.19	-63.9	-44.5	-335.2	0.0	0.0	-0.2
131.20	-72.7	-103.0	-302.2	0.0	0.0	-0.2
131.21	-9.7	402.9	-29.0	0.0	0.0	-0.2
131.22	31.7	-364.3	92.1	0.0	0.0	-0.2
131.23	-31.7	364.3	-92.1	0.0	0.0	-0.2
131.24	9.7	-402.9	29.0	0.0	0.0	-0.2
131.25	-0.2	405.7	35.0	0.0	0.0	-0.2
131.26	41.2	-361.5	156.2	0.0	0.0	-0.2
131.27	-41.2	361.5	-156.2	0.0	0.0	-0.2
131.28	0.2	-405.7	-35.0	0.0	0.0	-0.2
131.29	25.8	116.8	-23.6	0.0	0.0	-0.2
131.30	-3.8	-78.2	86.7	0.0	0.0	-0.2
131.31	3.8	78.2	-86.7	0.0	0.0	-0.2
131.32	-25.8	-116.8	23.6	0.0	0.0	-0.2
131.33	35.3	119.6	40.5	0.0	0.0	-0.2
131.34	5.7	-75.4	150.8	0.0	0.0	-0.2
131.35	-5.7	75.4	-150.8	0.0	0.0	-0.2
131.36	-35.3	-119.6	-40.5	0.0	0.0	-0.2
132.1	0.0	0.0	0.0	0.0	0.0	0.6
132.2	0.0	0.0	0.0	0.0	0.0	1.4
132.3	0.0	0.0	0.0	0.0	0.0	0.5
132.4	0.0	0.0	0.0	0.0	0.0	1.3
132.5	35.8	177.9	67.0	0.0	0.0	0.6
132.6	26.3	-45.8	98.4	0.0	0.0	0.6
132.7	-26.3	45.8	-98.4	0.0	0.0	0.6
132.8	-35.8	-177.9	-67.0	0.0	0.0	0.6
132.9	34.8	95.3	69.2	0.0	0.0	0.6
132.10	27.3	36.9	96.2	0.0	0.0	0.6
132.11	-27.3	-36.9	-96.2	0.0	0.0	0.6
132.12	-34.8	-95.3	-69.2	0.0	0.0	0.6
132.13	69.4	188.1	278.9	0.0	0.0	0.6
132.14	59.9	-35.6	310.3	0.0	0.0	0.6
132.15	-59.9	35.6	-310.3	0.0	0.0	0.6
132.16	-69.4	-188.1	-278.9	0.0	0.0	0.6
132.17	68.4	105.5	281.1	0.0	0.0	0.6
132.18	60.9	47.0	308.1	0.0	0.0	0.6

132.19	-60.9	-47.0	-308.1	0.0	0.0	0.6
132.20	-68.4	-105.5	-281.1	0.0	0.0	0.6
132.21	25.1	392.7	-27.6	0.0	0.0	0.6
132.22	-6.5	-353.0	77.2	0.0	0.0	0.6
132.23	6.5	353.0	-77.2	0.0	0.0	0.6
132.24	-25.1	-392.7	27.6	0.0	0.0	0.6
132.25	35.2	395.7	36.0	0.0	0.0	0.6
132.26	3.6	-350.0	140.8	0.0	0.0	0.6
132.27	-3.6	350.0	-140.8	0.0	0.0	0.6
132.28	-35.2	-395.7	-36.0	0.0	0.0	0.6
132.29	21.8	117.3	-20.1	0.0	0.0	0.6
132.30	-3.2	-77.6	69.7	0.0	0.0	0.6
132.31	3.2	77.6	-69.7	0.0	0.0	0.6
132.32	-21.8	-117.3	20.1	0.0	0.0	0.6
132.33	31.9	120.3	43.5	0.0	0.0	0.6
132.34	6.9	-74.6	133.3	0.0	0.0	0.6
132.35	-6.9	74.6	-133.3	0.0	0.0	0.6
132.36	-31.9	-120.3	-43.5	0.0	0.0	0.6
133.1	0.0	0.0	0.0	0.0	0.0	0.0
133.2	0.0	0.0	0.0	0.0	0.0	0.0
133.3	0.0	0.0	0.0	0.0	0.0	0.0
133.4	0.0	0.0	0.0	0.0	0.0	0.0
133.5	62.1	241.7	250.1	0.0	0.0	0.0
133.6	66.2	-4.2	265.5	0.0	0.0	0.0
133.7	-66.2	4.2	-265.5	0.0	0.0	0.0
133.8	-62.1	-241.7	-250.1	0.0	0.0	0.0
133.9	65.6	154.8	251.4	0.0	0.0	0.0
133.10	62.7	82.6	264.1	0.0	0.0	0.0
133.11	-62.7	-82.6	-264.1	0.0	0.0	0.0
133.12	-65.6	-154.8	-251.4	0.0	0.0	0.0
133.13	-92.1	285.1	400.9	0.0	0.0	0.0
133.14	-88.0	39.2	416.3	0.0	0.0	0.0
133.15	88.0	-39.2	-416.3	0.0	0.0	0.0
133.16	92.1	-285.1	-400.9	0.0	0.0	0.0
133.17	-88.6	198.3	402.2	0.0	0.0	0.0
133.18	-91.5	126.1	415.0	0.0	0.0	0.0
133.19	91.5	-126.1	-415.0	0.0	0.0	0.0
133.20	88.6	-198.3	-402.2	0.0	0.0	0.0
133.21	12.5	445.5	51.6	0.0	0.0	0.0
133.22	26.0	-374.3	103.0	0.0	0.0	0.0
133.23	-26.0	374.3	-103.0	0.0	0.0	0.0
133.24	-12.5	-445.5	-51.6	0.0	0.0	0.0
133.25	-33.7	458.5	96.9	0.0	0.0	0.0
133.26	-20.3	-361.2	148.3	0.0	0.0	0.0
133.27	20.3	361.2	-148.3	0.0	0.0	0.0
133.28	33.7	-458.5	-96.9	0.0	0.0	0.0
133.29	24.0	155.9	56.1	0.0	0.0	0.0
133.30	14.5	-84.7	98.6	0.0	0.0	0.0
133.31	-14.5	84.7	-98.6	0.0	0.0	0.0
133.32	-24.0	-155.9	-56.1	0.0	0.0	0.0
133.33	-22.3	168.9	101.4	0.0	0.0	0.0
133.34	-31.8	-71.6	143.8	0.0	0.0	0.0
133.35	31.8	71.6	-143.8	0.0	0.0	0.0
133.36	22.3	-168.9	-101.4	0.0	0.0	0.0
134.1	0.0	0.0	0.0	0.0	0.0	0.0
134.2	0.0	0.0	0.0	0.0	0.0	0.1
134.3	0.0	0.0	0.0	0.0	0.0	0.0
134.4	0.0	0.0	0.0	0.0	0.0	0.1
134.5	87.4	154.2	479.2	0.0	0.0	0.0
134.6	92.1	-79.7	490.6	0.0	0.0	0.0
134.7	-92.1	79.7	-490.6	0.0	0.0	0.0
134.8	-87.4	-154.2	-479.2	0.0	0.0	0.0

134.9	88.6	64.7	478.2	0.0	0.0	0.0
134.10	91.0	9.9	491.6	0.0	0.0	0.0
134.11	-91.0	-9.9	-491.6	0.0	0.0	0.0
134.12	-88.6	-64.7	-478.2	0.0	0.0	0.0
134.13	76.0	137.3	290.6	0.0	0.0	0.0
134.14	80.6	-96.6	302.0	0.0	0.0	0.0
134.15	-80.6	96.6	-302.0	0.0	0.0	0.0
134.16	-76.0	-137.3	-290.6	0.0	0.0	0.0
134.17	77.1	47.7	289.5	0.0	0.0	0.0
134.18	79.5	-7.1	303.0	0.0	0.0	0.0
134.19	-79.5	7.1	-303.0	0.0	0.0	0.0
134.20	-77.1	-47.7	-289.5	0.0	0.0	0.0
134.21	19.2	401.0	126.4	0.0	0.0	0.0
134.22	34.7	-378.6	164.5	0.0	0.0	0.0
134.23	-34.7	378.6	-164.5	0.0	0.0	0.0
134.24	-19.2	-401.0	-126.4	0.0	0.0	0.0
134.25	15.7	395.9	69.9	0.0	0.0	0.0
134.26	31.2	-383.7	107.9	0.0	0.0	0.0
134.27	-31.2	383.7	-107.9	0.0	0.0	0.0
134.28	-15.7	-395.9	-69.9	0.0	0.0	0.0
134.29	22.9	102.5	123.1	0.0	0.0	0.0
134.30	31.0	-80.2	167.8	0.0	0.0	0.0
134.31	-31.0	80.2	-167.8	0.0	0.0	0.0
134.32	-22.9	-102.5	-123.1	0.0	0.0	0.0
134.33	19.4	97.4	66.5	0.0	0.0	0.0
134.34	27.6	-85.2	111.2	0.0	0.0	0.0
134.35	-27.6	85.2	-111.2	0.0	0.0	0.0
134.36	-19.4	-97.4	-66.5	0.0	0.0	0.0
135.1	0.0	0.0	0.0	0.0	0.0	0.5
135.2	0.0	0.0	0.0	0.0	0.0	1.2
135.3	0.0	0.0	0.0	0.0	0.0	0.4
135.4	0.0	0.0	0.0	0.0	0.0	1.1
135.5	-45.7	176.3	107.4	0.0	0.0	0.6
135.6	-35.7	-59.6	143.1	0.0	0.0	0.6
135.7	35.7	59.6	-143.1	0.0	0.0	0.6
135.8	45.7	-176.3	-107.4	0.0	0.0	0.6
135.9	-44.2	87.0	107.4	0.0	0.0	0.6
135.10	-37.2	29.7	143.1	0.0	0.0	0.6
135.11	37.2	-29.7	-143.1	0.0	0.0	0.6
135.12	44.2	-87.0	-107.4	0.0	0.0	0.6
135.13	-76.6	188.3	313.6	0.0	0.0	0.6
135.14	-66.6	-47.7	349.3	0.0	0.0	0.6
135.15	66.6	47.7	-349.3	0.0	0.0	0.6
135.16	76.6	-188.3	-313.6	0.0	0.0	0.6
135.17	-75.1	98.9	313.6	0.0	0.0	0.6
135.18	-68.1	41.7	349.3	0.0	0.0	0.6
135.19	68.1	-41.7	-349.3	0.0	0.0	0.6
135.20	75.1	-98.9	-313.6	0.0	0.0	0.6
135.21	-28.8	410.7	-22.0	0.0	0.0	0.6
135.22	4.4	-375.7	97.2	0.0	0.0	0.6
135.23	-4.4	375.7	-97.2	0.0	0.0	0.6
135.24	28.8	-410.7	22.0	0.0	0.0	0.6
135.25	-38.1	414.3	39.8	0.0	0.0	0.6
135.26	-4.9	-372.1	159.0	0.0	0.0	0.6
135.27	4.9	372.1	-159.0	0.0	0.0	0.6
135.28	38.1	-414.3	-39.8	0.0	0.0	0.6
135.29	-23.8	112.9	-22.0	0.0	0.0	0.6
135.30	-0.6	-77.9	97.2	0.0	0.0	0.6
135.31	0.6	77.9	-97.2	0.0	0.0	0.6
135.32	23.8	-112.9	22.0	0.0	0.0	0.6
135.33	-33.1	116.5	39.8	0.0	0.0	0.6
135.34	-9.9	-74.3	159.0	0.0	0.0	0.6

135.35	9.9	74.3	-159.0	0.0	0.0	0.6
135.36	33.1	-116.5	-39.8	0.0	0.0	0.6
136.1	0.0	0.0	0.0	0.0	0.0	0.0
136.2	0.0	0.0	0.0	0.0	0.0	0.0
136.3	0.0	0.0	0.0	0.0	0.0	0.0
136.4	0.0	0.0	0.0	0.0	0.0	0.0
136.5	6.5	-17.7	51.3	0.0	0.0	0.0
136.6	-27.7	-38.6	-106.3	0.0	0.0	0.0
136.7	27.7	38.6	106.3	0.0	0.0	0.0
136.8	-6.5	17.7	-51.3	0.0	0.0	0.0
136.9	3.4	-10.7	4.2	0.0	0.0	0.0
136.10	-24.6	-45.5	-59.1	0.0	0.0	0.0
136.11	24.6	45.5	59.1	0.0	0.0	0.0
136.12	-3.4	10.7	-4.2	0.0	0.0	0.0
136.13	23.7	-329.3	60.1	0.0	0.0	0.0
136.14	-10.5	-350.2	-97.6	0.0	0.0	0.0
136.15	10.5	350.2	97.6	0.0	0.0	0.0
136.16	-23.7	329.3	-60.1	0.0	0.0	0.0
136.17	20.6	-322.4	12.9	0.0	0.0	0.0
136.18	-7.4	-357.2	-50.4	0.0	0.0	0.0
136.19	7.4	357.2	50.4	0.0	0.0	0.0
136.20	-20.6	322.4	-12.9	0.0	0.0	0.0
136.21	53.7	26.4	254.4	0.0	0.0	0.0
136.22	-60.1	-43.3	-270.9	0.0	0.0	0.0
136.23	60.1	43.3	270.9	0.0	0.0	0.0
136.24	-53.7	-26.4	-254.4	0.0	0.0	0.0
136.25	58.9	-67.1	257.1	0.0	0.0	0.0
136.26	-54.9	-136.7	-268.3	0.0	0.0	0.0
136.27	54.9	136.7	268.3	0.0	0.0	0.0
136.28	-58.9	67.1	-257.1	0.0	0.0	0.0
136.29	43.5	49.6	97.2	0.0	0.0	0.0
136.30	-49.8	-66.5	-113.7	0.0	0.0	0.0
136.31	49.8	66.5	113.7	0.0	0.0	0.0
136.32	-43.5	-49.6	-97.2	0.0	0.0	0.0
136.33	48.6	-43.9	99.8	0.0	0.0	0.0
136.34	-44.7	-159.9	-111.1	0.0	0.0	0.0
136.35	44.7	159.9	111.1	0.0	0.0	0.0
136.36	-48.6	43.9	-99.8	0.0	0.0	0.0
137.1	0.0	0.0	0.0	0.0	0.0	0.0
137.2	0.0	0.0	0.0	0.0	0.0	0.0
137.3	0.0	0.0	0.0	0.0	0.0	0.0
137.4	0.0	0.0	0.0	0.0	0.0	0.0
137.5	-28.9	-23.7	53.3	0.0	0.0	0.0
137.6	6.4	-44.5	-114.8	0.0	0.0	0.0
137.7	-6.4	44.5	114.8	0.0	0.0	0.0
137.8	28.9	23.7	-53.3	0.0	0.0	0.0
137.9	-27.2	-17.2	7.8	0.0	0.0	0.0
137.10	4.6	-51.0	-69.4	0.0	0.0	0.0
137.11	-4.6	51.0	69.4	0.0	0.0	0.0
137.12	27.2	17.2	-7.8	0.0	0.0	0.0
137.13	-23.8	-343.3	62.2	0.0	0.0	0.0
137.14	11.6	-364.2	-105.8	0.0	0.0	0.0
137.15	-11.6	364.2	105.8	0.0	0.0	0.0
137.16	23.8	343.3	-62.2	0.0	0.0	0.0
137.17	-22.0	-336.8	16.8	0.0	0.0	0.0
137.18	9.8	-370.7	-60.4	0.0	0.0	0.0
137.19	-9.8	370.7	60.4	0.0	0.0	0.0
137.20	22.0	336.8	-16.8	0.0	0.0	0.0
137.21	-62.3	24.5	270.9	0.0	0.0	0.0
137.22	55.5	-45.0	-289.3	0.0	0.0	0.0
137.23	-55.5	45.0	289.3	0.0	0.0	0.0
137.24	62.3	-24.5	-270.9	0.0	0.0	0.0

137.25	-60.7	-71.4	273.5	0.0	0.0	0.0
137.26	57.0	-140.9	-286.6	0.0	0.0	0.0
137.27	-57.0	140.9	286.6	0.0	0.0	0.0
137.28	60.7	71.4	-273.5	0.0	0.0	0.0
137.29	-56.4	46.2	119.4	0.0	0.0	0.0
137.30	49.6	-66.6	-137.9	0.0	0.0	0.0
137.31	-49.6	66.6	137.9	0.0	0.0	0.0
137.32	56.4	-46.2	-119.4	0.0	0.0	0.0
137.33	-54.8	-49.7	122.1	0.0	0.0	0.0
137.34	51.2	-162.5	-135.2	0.0	0.0	0.0
137.35	-51.2	162.5	135.2	0.0	0.0	0.0
137.36	54.8	49.7	-122.1	0.0	0.0	0.0
138.1	0.0	0.0	0.0	0.0	0.0	0.0
138.2	0.0	0.0	0.0	0.0	0.0	0.0
138.3	0.0	0.0	0.0	0.0	0.0	0.0
138.4	0.0	0.0	0.0	0.0	0.0	0.0
138.5	-5.3	-21.2	49.6	0.0	0.0	0.0
138.6	30.8	-51.0	-119.7	0.0	0.0	0.0
138.7	-30.8	51.0	119.7	0.0	0.0	0.0
138.8	5.3	21.2	-49.6	0.0	0.0	0.0
138.9	-4.9	-21.6	10.0	0.0	0.0	0.0
138.10	30.4	-50.6	-80.0	0.0	0.0	0.0
138.11	-30.4	50.6	80.0	0.0	0.0	0.0
138.12	4.9	21.6	-10.0	0.0	0.0	0.0
138.13	-25.2	-347.8	63.9	0.0	0.0	0.0
138.14	11.0	-377.5	-105.4	0.0	0.0	0.0
138.15	-11.0	377.5	105.4	0.0	0.0	0.0
138.16	25.2	347.8	-63.9	0.0	0.0	0.0
138.17	-24.7	-348.1	24.2	0.0	0.0	0.0
138.18	10.5	-377.2	-65.8	0.0	0.0	0.0
138.19	-10.5	377.2	65.8	0.0	0.0	0.0
138.20	24.7	348.1	-24.2	0.0	0.0	0.0
138.21	-56.5	38.8	271.6	0.0	0.0	0.0
138.22	64.1	-60.4	-292.6	0.0	0.0	0.0
138.23	-64.1	60.4	292.6	0.0	0.0	0.0
138.24	56.5	-38.8	-271.6	0.0	0.0	0.0
138.25	-62.4	-59.2	275.9	0.0	0.0	0.0
138.26	58.2	-158.4	-288.3	0.0	0.0	0.0
138.27	-58.2	158.4	288.3	0.0	0.0	0.0
138.28	62.4	59.2	-275.9	0.0	0.0	0.0
138.29	-55.0	37.6	139.5	0.0	0.0	0.0
138.30	62.6	-59.3	-160.6	0.0	0.0	0.0
138.31	-62.6	59.3	160.6	0.0	0.0	0.0
138.32	55.0	-37.6	-139.5	0.0	0.0	0.0
138.33	-60.9	-60.4	143.8	0.0	0.0	0.0
138.34	56.7	-157.2	-156.3	0.0	0.0	0.0
138.35	-56.7	157.2	156.3	0.0	0.0	0.0
138.36	60.9	60.4	-143.8	0.0	0.0	0.0
139.1	0.0	0.0	0.0	0.0	0.0	0.0
139.2	0.0	0.0	0.0	0.0	0.0	0.0
139.3	0.0	0.0	0.0	0.0	0.0	0.0
139.4	0.0	0.0	0.0	0.0	0.0	0.0
139.5	-4.2	-14.7	41.5	0.0	0.0	0.0
139.6	33.1	-58.5	-120.0	0.0	0.0	0.0
139.7	-33.1	58.5	120.0	0.0	0.0	0.0
139.8	4.2	14.7	-41.5	0.0	0.0	0.0
139.9	-4.9	-24.2	10.7	0.0	0.0	0.0
139.10	33.7	-49.0	-89.3	0.0	0.0	0.0
139.11	-33.7	49.0	89.3	0.0	0.0	0.0
139.12	4.9	24.2	-10.7	0.0	0.0	0.0
139.13	-30.9	-344.4	62.9	0.0	0.0	0.0
139.14	6.4	-388.3	-98.6	0.0	0.0	0.0

139.15	-6.4	388.3	98.6	0.0	0.0	0.0
139.16	30.9	344.4	-62.9	0.0	0.0	0.0
139.17	-31.6	-354.0	32.1	0.0	0.0	0.0
139.18	7.0	-378.8	-67.9	0.0	0.0	0.0
139.19	-7.0	378.8	67.9	0.0	0.0	0.0
139.20	31.6	354.0	-32.1	0.0	0.0	0.0
139.21	-57.8	62.1	257.3	0.0	0.0	0.0
139.22	66.5	-84.0	-280.8	0.0	0.0	0.0
139.23	-66.5	84.0	280.8	0.0	0.0	0.0
139.24	57.8	-62.1	-257.3	0.0	0.0	0.0
139.25	-65.8	-36.9	263.7	0.0	0.0	0.0
139.26	58.5	-183.0	-274.4	0.0	0.0	0.0
139.27	-58.4	183.0	274.4	0.0	0.0	0.0
139.28	65.8	36.9	-263.7	0.0	0.0	0.0
139.29	-60.0	30.4	154.9	0.0	0.0	0.0
139.30	68.6	-52.3	-178.5	0.0	0.0	0.0
139.31	-68.6	52.3	178.5	0.0	0.0	0.0
139.32	60.0	-30.4	-154.9	0.0	0.0	0.0
139.33	-68.0	-68.6	161.3	0.0	0.0	0.0
139.34	60.6	-151.3	-172.0	0.0	0.0	0.0
139.35	-60.6	151.3	172.0	0.0	0.0	0.0
139.36	68.0	68.6	-161.3	0.0	0.0	0.0
140.1	0.0	0.0	0.0	0.0	0.0	0.0
140.2	0.0	0.0	0.0	0.0	0.0	0.0
140.3	0.0	0.0	0.0	0.0	0.0	0.0
140.4	0.0	0.0	0.0	0.0	0.0	0.0
140.5	-4.0	-9.7	32.0	0.0	0.0	0.0
140.6	35.2	-63.6	-118.0	0.0	0.0	0.0
140.7	-35.2	63.6	118.0	0.0	0.0	0.0
140.8	4.0	9.7	-32.0	0.0	0.0	0.0
140.9	-5.4	-24.9	10.4	0.0	0.0	0.0
140.10	36.6	-48.4	-96.4	0.0	0.0	0.0
140.11	-36.6	48.4	96.4	0.0	0.0	0.0
140.12	5.4	24.9	-10.4	0.0	0.0	0.0
140.13	-32.8	-337.0	58.1	0.0	0.0	0.0
140.14	6.5	-391.0	-91.8	0.0	0.0	0.0
140.15	-6.5	391.0	91.8	0.0	0.0	0.0
140.16	32.8	337.0	-58.1	0.0	0.0	0.0
140.17	-34.2	-352.2	36.6	0.0	0.0	0.0
140.18	7.9	-375.8	-70.3	0.0	0.0	0.0
140.19	-7.9	375.8	70.3	0.0	0.0	0.0
140.20	34.2	352.2	-36.6	0.0	0.0	0.0
140.21	-60.7	78.9	237.0	0.0	0.0	0.0
140.22	70.1	-100.9	-262.8	0.0	0.0	0.0
140.23	-70.1	100.9	262.8	0.0	0.0	0.0
140.24	60.7	-78.9	-237.0	0.0	0.0	0.0
140.25	-69.4	-19.3	244.9	0.0	0.0	0.0
140.26	61.5	-199.1	-255.0	0.0	0.0	0.0
140.27	-61.5	199.1	255.0	0.0	0.0	0.0
140.28	69.4	19.3	-244.9	0.0	0.0	0.0
140.29	-65.4	28.3	165.2	0.0	0.0	0.0
140.30	74.7	-50.3	-191.0	0.0	0.0	0.0
140.31	-74.7	50.3	191.0	0.0	0.0	0.0
140.32	65.4	-28.3	-165.2	0.0	0.0	0.0
140.33	-74.0	-69.9	173.0	0.0	0.0	0.0
140.34	66.1	-148.5	-183.1	0.0	0.0	0.0
140.35	-66.1	148.5	183.1	0.0	0.0	0.0
140.36	74.0	69.9	-173.0	0.0	0.0	0.0
141.1	0.0	0.0	0.0	0.0	0.0	0.0
141.2	0.0	0.0	0.0	0.0	0.0	0.0
141.3	0.0	0.0	0.0	0.0	0.0	0.0
141.4	0.0	0.0	0.0	0.0	0.0	0.0

141.5	5.5	-8.1	25.5	0.0	0.0	0.0
141.6	-36.8	-62.4	-117.4	0.0	0.0	0.0
141.7	36.8	62.4	117.4	0.0	0.0	0.0
141.8	-5.5	8.1	-25.5	0.0	0.0	0.0
141.9	-38.5	-23.4	9.9	0.0	0.0	0.0
141.10	7.1	-47.0	-101.8	0.0	0.0	0.0
141.11	-7.1	47.0	101.8	0.0	0.0	0.0
141.12	38.5	23.4	-9.9	0.0	0.0	0.0
141.13	15.0	-329.7	53.2	0.0	0.0	0.0
141.14	-27.3	-383.9	-89.7	0.0	0.0	0.0
141.15	27.3	383.9	89.7	0.0	0.0	0.0
141.16	-15.0	329.7	-53.2	0.0	0.0	0.0
141.17	-29.0	-345.0	37.6	0.0	0.0	0.0
141.18	16.7	-368.6	-74.1	0.0	0.0	0.0
141.19	-16.7	368.6	74.1	0.0	0.0	0.0
141.20	29.0	345.0	-37.6	0.0	0.0	0.0
141.21	65.8	79.8	224.3	0.0	0.0	0.0
141.22	-75.2	-101.0	-251.8	0.0	0.0	0.0
141.23	75.2	101.0	251.8	0.0	0.0	0.0
141.24	-65.8	-79.8	-224.3	0.0	0.0	0.0
141.25	68.6	-16.6	232.6	0.0	0.0	0.0
141.26	-72.3	-197.5	-243.5	0.0	0.0	0.0
141.27	72.3	197.5	243.5	0.0	0.0	0.0
141.28	-68.6	16.6	-232.6	0.0	0.0	0.0
141.29	-80.8	28.8	172.5	0.0	0.0	0.0
141.30	71.4	-49.9	-200.1	0.0	0.0	0.0
141.31	-71.4	49.9	200.1	0.0	0.0	0.0
141.32	80.8	-28.8	-172.5	0.0	0.0	0.0
141.33	-77.9	-67.7	180.8	0.0	0.0	0.0
141.34	74.2	-146.4	-191.8	0.0	0.0	0.0
141.35	-74.2	146.4	191.8	0.0	0.0	0.0
141.36	77.9	67.7	-180.8	0.0	0.0	0.0
142.1	0.0	0.0	0.0	0.0	0.0	0.0
142.2	0.0	0.0	0.0	0.0	0.0	0.0
142.3	0.0	0.0	0.0	0.0	0.0	0.0
142.4	0.0	0.0	0.0	0.0	0.0	0.0
142.5	-7.4	-4.2	24.3	0.0	0.0	0.0
142.6	35.1	-61.9	-120.4	0.0	0.0	0.0
142.7	-35.1	61.9	120.4	0.0	0.0	0.0
142.8	7.4	4.2	-24.3	0.0	0.0	0.0
142.9	-8.0	-19.3	10.3	0.0	0.0	0.0
142.10	35.8	-46.8	-106.4	0.0	0.0	0.0
142.11	-35.8	46.8	106.4	0.0	0.0	0.0
142.12	8.0	19.3	-10.3	0.0	0.0	0.0
142.13	-9.1	-320.0	53.3	0.0	0.0	0.0
142.14	33.3	-377.7	-91.4	0.0	0.0	0.0
142.15	-33.3	377.7	91.4	0.0	0.0	0.0
142.16	9.1	320.0	-53.3	0.0	0.0	0.0
142.17	-9.8	-335.2	39.3	0.0	0.0	0.0
142.18	34.0	-362.6	-77.4	0.0	0.0	0.0
142.19	-34.0	362.6	77.4	0.0	0.0	0.0
142.20	9.8	335.2	-39.3	0.0	0.0	0.0
142.21	-66.6	86.3	226.8	0.0	0.0	0.0
142.22	75.0	-106.2	-255.6	0.0	0.0	0.0
142.23	-75.0	106.2	255.6	0.0	0.0	0.0
142.24	66.6	-86.3	-226.8	0.0	0.0	0.0
142.25	-67.2	-8.4	235.5	0.0	0.0	0.0
142.26	74.4	-200.9	-246.9	0.0	0.0	0.0
142.27	-74.4	200.9	246.9	0.0	0.0	0.0
142.28	67.2	8.4	-235.5	0.0	0.0	0.0
142.29	-68.8	35.8	180.1	0.0	0.0	0.0
142.30	77.1	-55.6	-208.9	0.0	0.0	0.0

142.31	-77.1	55.6	208.9	0.0	0.0	0.0
142.32	68.8	-35.8	-180.1	0.0	0.0	0.0
142.33	-69.3	-59.0	188.8	0.0	0.0	0.0
142.34	76.6	-150.4	-200.2	0.0	0.0	0.0
142.35	-76.6	150.4	200.2	0.0	0.0	0.0
142.36	69.3	59.0	-188.8	0.0	0.0	0.0
143.1	0.0	0.0	0.0	0.0	0.0	0.0
143.2	0.0	0.0	0.0	0.0	0.0	0.0
143.3	0.0	0.0	0.0	0.0	0.0	0.0
143.4	0.0	0.0	0.0	0.0	0.0	0.0
143.5	-35.1	-3.7	29.0	0.0	0.0	0.0
143.6	9.2	-59.9	-125.8	0.0	0.0	0.0
143.7	-9.2	59.9	125.8	0.0	0.0	0.0
143.8	35.1	3.7	-29.0	0.0	0.0	0.0
143.9	-34.7	-15.5	12.3	0.0	0.0	0.0
143.10	8.7	-48.1	-109.1	0.0	0.0	0.0
143.11	-8.7	48.1	109.1	0.0	0.0	0.0
143.12	34.7	15.5	-12.3	0.0	0.0	0.0
143.13	-31.8	-316.1	59.2	0.0	0.0	0.0
143.14	12.5	-372.4	-95.6	0.0	0.0	0.0
143.15	-12.5	372.4	95.6	0.0	0.0	0.0
143.16	31.8	316.1	-59.2	0.0	0.0	0.0
143.17	-31.3	-327.9	42.5	0.0	0.0	0.0
143.18	12.1	-360.6	-78.9	0.0	0.0	0.0
143.19	-12.1	360.6	78.9	0.0	0.0	0.0
143.20	31.3	327.9	-42.5	0.0	0.0	0.0
143.21	-77.8	84.2	243.5	0.0	0.0	0.0
143.22	70.0	-103.3	-272.5	0.0	0.0	0.0
143.23	-70.0	103.3	272.5	0.0	0.0	0.0
143.24	77.8	-84.2	-243.5	0.0	0.0	0.0
143.25	-76.8	-9.5	252.5	0.0	0.0	0.0
143.26	71.0	-197.0	-263.4	0.0	0.0	0.0
143.27	-71.0	197.0	263.4	0.0	0.0	0.0
143.28	76.8	9.5	-252.5	0.0	0.0	0.0
143.29	-76.2	44.9	187.8	0.0	0.0	0.0
143.30	68.4	-64.0	-216.8	0.0	0.0	0.0
143.31	-68.4	64.0	216.8	0.0	0.0	0.0
143.32	76.2	-44.9	-187.8	0.0	0.0	0.0
143.33	-75.2	-48.8	196.8	0.0	0.0	0.0
143.34	69.4	-157.7	-207.7	0.0	0.0	0.0
143.35	-69.4	157.7	207.7	0.0	0.0	0.0
143.36	75.2	48.8	-196.8	0.0	0.0	0.0
144.1	0.0	0.0	0.0	0.0	0.0	0.0
144.2	0.0	0.0	0.0	0.0	0.0	0.0
144.3	0.0	0.0	0.0	0.0	0.0	0.0
144.4	0.0	0.0	0.0	0.0	0.0	0.0
144.5	-11.4	-4.4	38.4	0.0	0.0	0.0
144.6	36.4	-54.9	-130.7	0.0	0.0	0.0
144.7	-36.4	54.9	130.7	0.0	0.0	0.0
144.8	11.4	4.4	-38.4	0.0	0.0	0.0
144.9	-9.7	-10.4	16.9	0.0	0.0	0.0
144.10	34.7	-49.0	-109.3	0.0	0.0	0.0
144.11	-34.7	49.0	109.3	0.0	0.0	0.0
144.12	9.7	10.4	-16.9	0.0	0.0	0.0
144.13	-28.4	-316.4	68.0	0.0	0.0	0.0
144.14	19.4	-366.9	-101.1	0.0	0.0	0.0
144.15	-19.4	366.9	101.1	0.0	0.0	0.0
144.16	28.4	316.4	-68.0	0.0	0.0	0.0
144.17	-26.7	-322.3	46.6	0.0	0.0	0.0
144.18	17.7	-361.0	-79.7	0.0	0.0	0.0
144.19	-17.7	361.0	79.7	0.0	0.0	0.0
144.20	26.7	322.3	-46.6	0.0	0.0	0.0

144.21	-75.8	75.2	267.9	0.0	0.0	0.0
144.22	83.3	-93.0	-295.6	0.0	0.0	0.0
144.23	-83.3	93.0	295.6	0.0	0.0	0.0
144.24	75.8	-75.2	-267.9	0.0	0.0	0.0
144.25	-80.9	-18.4	276.8	0.0	0.0	0.0
144.26	78.2	-186.6	-286.8	0.0	0.0	0.0
144.27	-78.2	186.6	286.8	0.0	0.0	0.0
144.28	80.9	18.4	-276.8	0.0	0.0	0.0
144.29	-70.3	55.5	196.5	0.0	0.0	0.0
144.30	77.8	-73.3	-224.2	0.0	0.0	0.0
144.31	-77.8	73.3	224.2	0.0	0.0	0.0
144.32	70.3	-55.5	-196.5	0.0	0.0	0.0
144.33	-75.4	-38.1	205.4	0.0	0.0	0.0
144.34	72.7	-166.9	-215.3	0.0	0.0	0.0
144.35	-72.7	166.9	215.3	0.0	0.0	0.0
144.36	75.4	38.1	-205.4	0.0	0.0	0.0
145.1	0.0	0.0	0.0	0.0	0.0	0.0
145.2	0.0	0.0	0.0	0.0	0.0	0.0
145.3	0.0	0.0	0.0	0.0	0.0	0.0
145.4	0.0	0.0	0.0	0.0	0.0	0.0
145.5	-38.3	-8.2	49.9	0.0	0.0	0.0
145.6	14.0	-48.6	-132.8	0.0	0.0	0.0
145.7	-14.0	48.6	132.8	0.0	0.0	0.0
145.8	38.3	8.2	-49.9	0.0	0.0	0.0
145.9	-35.5	-7.8	24.9	0.0	0.0	0.0
145.10	11.2	-49.1	-107.7	0.0	0.0	0.0
145.11	-11.2	49.1	107.7	0.0	0.0	0.0
145.12	35.5	7.8	-24.9	0.0	0.0	0.0
145.13	-34.7	-317.7	76.0	0.0	0.0	0.0
145.14	17.7	-358.1	-106.8	0.0	0.0	0.0
145.15	-17.7	358.1	106.8	0.0	0.0	0.0
145.16	34.7	317.7	-76.0	0.0	0.0	0.0
145.17	-31.9	-317.2	50.9	0.0	0.0	0.0
145.18	14.9	-358.5	-81.7	0.0	0.0	0.0
145.19	-14.9	358.5	81.7	0.0	0.0	0.0
145.20	31.9	317.2	-50.9	0.0	0.0	0.0
145.21	-90.9	58.8	292.2	0.0	0.0	0.0
145.22	83.6	-75.8	-317.0	0.0	0.0	0.0
145.23	-83.6	75.8	317.0	0.0	0.0	0.0
145.24	90.9	-58.8	-292.2	0.0	0.0	0.0
145.25	-89.8	-34.1	300.0	0.0	0.0	0.0
145.26	84.7	-168.7	-309.2	0.0	0.0	0.0
145.27	-84.7	168.7	309.2	0.0	0.0	0.0
145.28	89.8	34.1	-300.0	0.0	0.0	0.0
145.29	-81.5	60.3	208.6	0.0	0.0	0.0
145.30	74.2	-77.3	-233.5	0.0	0.0	0.0
145.31	-74.2	77.3	233.5	0.0	0.0	0.0
145.32	81.5	-60.3	-208.6	0.0	0.0	0.0
145.33	-80.4	-32.6	216.4	0.0	0.0	0.0
145.34	75.3	-170.2	-225.6	0.0	0.0	0.0
145.35	-75.3	170.2	225.6	0.0	0.0	0.0
145.36	80.4	32.6	-216.4	0.0	0.0	0.0
146.1	0.0	0.0	0.0	0.0	0.0	0.0
146.2	0.0	0.0	0.0	0.0	0.0	0.0
146.3	0.0	0.0	0.0	0.0	0.0	0.0
146.4	0.0	0.0	0.0	0.0	0.0	0.0
146.5	-40.0	-43.9	61.4	0.0	0.0	0.0
146.6	17.8	-14.4	-131.2	0.0	0.0	0.0
146.7	-17.8	14.4	131.2	0.0	0.0	0.0
146.8	40.0	43.9	-61.4	0.0	0.0	0.0
146.9	14.0	-9.1	35.9	0.0	0.0	0.0
146.10	-36.2	-49.2	-105.7	0.0	0.0	0.0

146.11	36.2	49.2	105.7	0.0	0.0	0.0
146.12	-14.0	9.1	-35.9	0.0	0.0	0.0
146.13	-36.2	-353.6	80.7	0.0	0.0	0.0
146.14	21.7	-324.1	-111.8	0.0	0.0	0.0
146.15	-21.7	324.1	111.8	0.0	0.0	0.0
146.16	36.2	353.6	-80.7	0.0	0.0	0.0
146.17	17.8	-318.8	55.3	0.0	0.0	0.0
146.18	-32.4	-358.9	-86.4	0.0	0.0	0.0
146.19	32.4	358.9	86.4	0.0	0.0	0.0
146.20	-17.8	318.8	-55.3	0.0	0.0	0.0
146.21	-99.8	-57.9	310.4	0.0	0.0	0.0
146.22	93.1	40.5	-331.4	0.0	0.0	0.0
146.23	-93.1	-40.5	331.4	0.0	0.0	0.0
146.24	99.8	57.9	-310.4	0.0	0.0	0.0
146.25	-98.6	-150.9	316.2	0.0	0.0	0.0
146.26	94.3	-52.4	-325.6	0.0	0.0	0.0
146.27	-94.3	52.4	325.6	0.0	0.0	0.0
146.28	98.6	150.9	-316.2	0.0	0.0	0.0
146.29	80.3	58.0	225.6	0.0	0.0	0.0
146.30	-87.0	-75.5	-246.5	0.0	0.0	0.0
146.31	87.0	75.5	246.5	0.0	0.0	0.0
146.32	-80.3	-58.0	-225.6	0.0	0.0	0.0
146.33	81.5	-34.9	231.4	0.0	0.0	0.0
146.34	-85.8	-168.4	-240.7	0.0	0.0	0.0
146.35	85.8	168.4	240.7	0.0	0.0	0.0
146.36	-81.5	34.9	-231.4	0.0	0.0	0.0
147.1	0.0	0.0	0.0	0.0	0.0	0.0
147.2	0.0	0.0	0.0	0.0	0.0	0.0
147.3	0.0	0.0	0.0	0.0	0.0	0.0
147.4	0.0	0.0	0.0	0.0	0.0	0.0
147.5	-39.2	-19.3	71.2	0.0	0.0	0.0
147.6	21.9	-40.1	-126.4	0.0	0.0	0.0
147.7	-21.9	40.1	126.4	0.0	0.0	0.0
147.8	39.2	19.3	-71.2	0.0	0.0	0.0
147.9	-35.4	-10.9	49.0	0.0	0.0	0.0
147.10	18.1	-48.5	-104.2	0.0	0.0	0.0
147.11	-18.1	48.5	104.2	0.0	0.0	0.0
147.12	35.4	10.9	-49.0	0.0	0.0	0.0
147.13	-20.3	-332.5	82.4	0.0	0.0	0.0
147.14	40.8	-353.3	-115.3	0.0	0.0	0.0
147.15	-40.8	353.3	115.3	0.0	0.0	0.0
147.16	20.3	332.5	-82.4	0.0	0.0	0.0
147.17	-16.5	-324.1	60.2	0.0	0.0	0.0
147.18	37.0	-361.7	-93.1	0.0	0.0	0.0
147.19	-37.0	361.7	93.1	0.0	0.0	0.0
147.20	16.5	324.1	-60.2	0.0	0.0	0.0
147.21	-104.4	25.7	321.1	0.0	0.0	0.0
147.22	99.2	-43.6	-337.6	0.0	0.0	0.0
147.23	-99.2	43.6	337.6	0.0	0.0	0.0
147.24	104.4	-25.7	-321.1	0.0	0.0	0.0
147.25	-98.8	-68.2	324.4	0.0	0.0	0.0
147.26	104.9	-137.5	-334.3	0.0	0.0	0.0
147.27	-104.9	137.5	334.3	0.0	0.0	0.0
147.28	98.8	68.2	-324.4	0.0	0.0	0.0
147.29	-91.7	53.8	247.2	0.0	0.0	0.0
147.30	86.5	-71.6	-263.7	0.0	0.0	0.0
147.31	-86.5	71.6	263.7	0.0	0.0	0.0
147.32	91.7	-53.8	-247.2	0.0	0.0	0.0
147.33	-86.0	-40.2	250.5	0.0	0.0	0.0
147.34	92.2	-165.6	-260.4	0.0	0.0	0.0
147.35	-92.2	165.6	260.4	0.0	0.0	0.0
147.36	86.0	40.2	-250.5	0.0	0.0	0.0

148.1	0.0	0.0	0.0	0.0	0.0	0.0
148.2	0.0	0.0	0.0	0.0	0.0	0.0
148.3	0.0	0.0	0.0	0.0	0.0	0.0
148.4	0.0	0.0	0.0	0.0	0.0	0.0
148.5	-35.7	-23.4	79.8	0.0	0.0	0.0
148.6	23.5	-36.4	-118.8	0.0	0.0	0.0
148.7	-23.5	36.4	118.8	0.0	0.0	0.0
148.8	35.7	23.4	-79.8	0.0	0.0	0.0
148.9	-33.4	-12.6	64.3	0.0	0.0	0.0
148.10	21.2	-47.2	-103.2	0.0	0.0	0.0
148.11	-21.2	47.2	103.2	0.0	0.0	0.0
148.12	33.4	12.6	-64.3	0.0	0.0	0.0
148.13	-44.4	-339.4	82.2	0.0	0.0	0.0
148.14	14.8	-352.5	-116.4	0.0	0.0	0.0
148.15	-14.8	352.5	116.4	0.0	0.0	0.0
148.16	44.4	339.4	-82.2	0.0	0.0	0.0
148.17	-42.1	-328.7	66.6	0.0	0.0	0.0
148.18	12.5	-363.2	-100.9	0.0	0.0	0.0
148.19	-12.5	363.2	100.9	0.0	0.0	0.0
148.20	42.1	328.7	-66.6	0.0	0.0	0.0
148.21	-100.6	12.8	325.1	0.0	0.0	0.0
148.22	96.9	-30.7	-336.8	0.0	0.0	0.0
148.23	-96.9	30.7	336.8	0.0	0.0	0.0
148.24	100.6	-12.8	-325.1	0.0	0.0	0.0
148.25	-103.2	-82.1	325.8	0.0	0.0	0.0
148.26	94.3	-125.5	-336.1	0.0	0.0	0.0
148.27	-94.3	125.5	336.1	0.0	0.0	0.0
148.28	103.2	82.1	-325.8	0.0	0.0	0.0
148.29	-92.8	48.6	273.3	0.0	0.0	0.0
148.30	89.2	-66.6	-285.0	0.0	0.0	0.0
148.31	-89.2	66.6	285.0	0.0	0.0	0.0
148.32	92.8	-48.6	-273.3	0.0	0.0	0.0
148.33	-95.4	-46.2	274.0	0.0	0.0	0.0
148.34	86.6	-161.4	-284.3	0.0	0.0	0.0
148.35	-86.6	161.4	284.3	0.0	0.0	0.0
148.36	95.4	46.2	-274.0	0.0	0.0	0.0
149.1	0.0	0.0	0.0	0.0	0.0	0.0
149.2	0.0	0.0	0.0	0.0	0.0	0.0
149.3	0.0	0.0	0.0	0.0	0.0	0.0
149.4	0.0	0.0	0.0	0.0	0.0	0.0
149.5	-32.6	-38.0	84.3	0.0	0.0	0.0
149.6	24.9	-22.4	-109.1	0.0	0.0	0.0
149.7	-24.9	22.4	109.1	0.0	0.0	0.0
149.8	32.6	38.0	-84.3	0.0	0.0	0.0
149.9	-31.8	-17.3	78.3	0.0	0.0	0.0
149.10	24.0	-43.1	-103.1	0.0	0.0	0.0
149.11	-24.0	43.1	103.1	0.0	0.0	0.0
149.12	31.8	17.3	-78.3	0.0	0.0	0.0
149.13	-37.8	-355.7	79.5	0.0	0.0	0.0
149.14	19.7	-340.0	-114.0	0.0	0.0	0.0
149.15	-19.7	340.0	114.0	0.0	0.0	0.0
149.16	37.8	355.7	-79.5	0.0	0.0	0.0
149.17	-36.9	-334.9	73.4	0.0	0.0	0.0
149.18	18.8	-360.8	-107.9	0.0	0.0	0.0
149.19	-18.8	360.8	107.9	0.0	0.0	0.0
149.20	36.9	334.9	-73.4	0.0	0.0	0.0
149.21	-97.0	-35.1	318.7	0.0	0.0	0.0
149.22	94.7	17.0	-326.1	0.0	0.0	0.0
149.23	-94.7	-17.0	326.1	0.0	0.0	0.0
149.24	97.0	35.1	-318.7	0.0	0.0	0.0
149.25	-98.5	-130.4	317.2	0.0	0.0	0.0
149.26	93.1	-78.3	-327.6	0.0	0.0	0.0

149.27	-93.1	78.3	327.6	0.0	0.0	0.0
149.28	98.5	130.4	-317.2	0.0	0.0	0.0
149.29	-94.1	34.0	298.6	0.0	0.0	0.0
149.30	91.8	-52.1	-306.0	0.0	0.0	0.0
149.31	-91.8	52.1	306.0	0.0	0.0	0.0
149.32	94.1	-34.0	-298.6	0.0	0.0	0.0
149.33	-95.7	-61.3	297.1	0.0	0.0	0.0
149.34	90.2	-147.4	-307.5	0.0	0.0	0.0
149.35	-90.2	147.4	307.5	0.0	0.0	0.0
149.36	95.7	61.3	-297.1	0.0	0.0	0.0
150.1	0.0	0.0	0.0	0.0	0.0	0.0
150.2	0.0	0.0	0.0	0.0	0.0	0.0
150.3	0.0	0.0	0.0	0.0	0.0	0.0
150.4	0.0	0.0	0.0	0.0	0.0	0.0
150.5	-25.0	-43.3	78.6	0.0	0.0	0.0
150.6	30.8	-16.1	-103.6	0.0	0.0	0.0
150.7	-30.8	16.1	103.6	0.0	0.0	0.0
150.8	25.0	43.3	-78.6	0.0	0.0	0.0
150.9	-25.6	-38.2	83.2	0.0	0.0	0.0
150.10	31.4	-21.2	-108.3	0.0	0.0	0.0
150.11	-31.4	21.2	108.3	0.0	0.0	0.0
150.12	25.6	38.2	-83.2	0.0	0.0	0.0
150.13	-32.2	-361.6	74.0	0.0	0.0	0.0
150.14	23.7	-334.3	-108.2	0.0	0.0	0.0
150.15	-23.7	334.3	108.2	0.0	0.0	0.0
150.16	32.2	361.6	-74.0	0.0	0.0	0.0
150.17	-32.8	-356.4	78.7	0.0	0.0	0.0
150.18	24.2	-339.5	-112.8	0.0	0.0	0.0
150.19	-24.2	339.5	112.8	0.0	0.0	0.0
150.20	32.8	356.4	-78.7	0.0	0.0	0.0
150.21	-92.2	-54.3	299.9	0.0	0.0	0.0
150.22	94.0	36.5	-307.4	0.0	0.0	0.0
150.23	-94.0	-36.5	307.4	0.0	0.0	0.0
150.24	92.2	54.3	-299.9	0.0	0.0	0.0
150.25	-94.4	-149.8	298.5	0.0	0.0	0.0
150.26	91.8	-59.0	-308.8	0.0	0.0	0.0
150.27	-91.8	59.0	308.8	0.0	0.0	0.0
150.28	94.4	149.8	-298.5	0.0	0.0	0.0
150.29	-94.2	-37.2	315.4	0.0	0.0	0.0
150.30	95.9	19.4	-322.9	0.0	0.0	0.0
150.31	-95.9	-19.4	322.9	0.0	0.0	0.0
150.32	94.2	37.2	-315.4	0.0	0.0	0.0
150.33	-96.3	-132.7	314.0	0.0	0.0	0.0
150.34	93.8	-76.1	-324.3	0.0	0.0	0.0
150.35	-93.8	76.1	324.3	0.0	0.0	0.0
150.36	96.3	132.7	-314.0	0.0	0.0	0.0
151.1	0.0	0.0	0.0	0.0	0.0	0.0
151.2	0.0	0.0	0.0	0.0	0.0	0.0
151.3	0.0	0.0	0.0	0.0	0.0	0.0
151.4	0.0	0.0	0.0	0.0	0.0	0.0
151.5	22.4	-11.9	63.7	0.0	0.0	0.0
151.6	-32.0	-48.4	-103.4	0.0	0.0	0.0
151.7	32.0	48.4	103.4	0.0	0.0	0.0
151.8	-22.4	11.9	-63.7	0.0	0.0	0.0
151.9	24.4	-38.7	78.0	0.0	0.0	0.0
151.10	-34.1	-21.5	-117.8	0.0	0.0	0.0
151.11	34.1	21.5	117.8	0.0	0.0	0.0
151.12	-24.4	38.7	-78.0	0.0	0.0	0.0
151.13	18.3	-330.4	66.2	0.0	0.0	0.0
151.14	-36.0	-366.9	-100.9	0.0	0.0	0.0
151.15	36.0	366.9	100.9	0.0	0.0	0.0
151.16	-18.3	330.4	-66.2	0.0	0.0	0.0

151.17	20.4	-357.3	80.6	0.0	0.0	0.0
151.18	-38.1	-340.1	-115.3	0.0	0.0	0.0
151.19	38.1	340.1	115.3	0.0	0.0	0.0
151.20	-20.4	357.3	-80.6	0.0	0.0	0.0
151.21	89.2	51.8	272.6	0.0	0.0	0.0
151.22	-92.0	-69.9	-284.5	0.0	0.0	0.0
151.23	92.0	69.9	284.5	0.0	0.0	0.0
151.24	-89.2	-51.8	-272.6	0.0	0.0	0.0
151.25	87.9	-43.7	273.3	0.0	0.0	0.0
151.26	-93.3	-165.5	-283.7	0.0	0.0	0.0
151.27	93.3	165.5	283.7	0.0	0.0	0.0
151.28	-87.9	43.7	-273.3	0.0	0.0	0.0
151.29	96.1	-37.7	320.5	0.0	0.0	0.0
151.30	-99.0	19.6	-332.4	0.0	0.0	0.0
151.31	99.0	-19.6	332.4	0.0	0.0	0.0
151.32	-96.1	37.7	-320.5	0.0	0.0	0.0
151.33	94.8	-133.2	321.2	0.0	0.0	0.0
151.34	-100.2	-76.0	-331.6	0.0	0.0	0.0
151.35	100.2	76.0	331.6	0.0	0.0	0.0
151.36	-94.8	133.2	-321.2	0.0	0.0	0.0
152.1	0.0	0.0	0.0	0.0	0.0	0.0
152.2	0.0	0.0	0.0	0.0	0.0	0.0
152.3	0.0	0.0	0.0	0.0	0.0	0.0
152.4	0.0	0.0	0.0	0.0	0.0	0.0
152.5	18.1	-9.6	47.4	0.0	0.0	0.0
152.6	-34.9	-49.0	-104.6	0.0	0.0	0.0
152.7	34.9	49.0	104.6	0.0	0.0	0.0
152.8	-18.1	9.6	-47.4	0.0	0.0	0.0
152.9	-38.6	-41.3	68.8	0.0	0.0	0.0
152.10	21.8	-17.3	-126.0	0.0	0.0	0.0
152.11	-21.8	17.3	126.0	0.0	0.0	0.0
152.12	38.6	41.3	-68.8	0.0	0.0	0.0
152.13	20.6	-325.6	56.8	0.0	0.0	0.0
152.14	-32.4	-365.0	-95.1	0.0	0.0	0.0
152.15	32.4	365.0	95.1	0.0	0.0	0.0
152.16	-20.6	325.6	-56.8	0.0	0.0	0.0
152.17	-36.1	-357.3	78.2	0.0	0.0	0.0
152.18	24.3	-333.3	-116.5	0.0	0.0	0.0
152.19	-24.3	333.3	116.5	0.0	0.0	0.0
152.20	36.1	357.3	-78.2	0.0	0.0	0.0
152.21	85.9	56.9	244.7	0.0	0.0	0.0
152.22	-91.0	-74.5	-261.8	0.0	0.0	0.0
152.23	91.0	74.5	261.8	0.0	0.0	0.0
152.24	-85.9	-56.9	-244.7	0.0	0.0	0.0
152.25	86.7	-37.9	247.5	0.0	0.0	0.0
152.26	-90.2	-169.3	-259.0	0.0	0.0	0.0
152.27	90.2	169.3	259.0	0.0	0.0	0.0
152.28	-86.7	37.9	-247.5	0.0	0.0	0.0
152.29	-103.1	-48.8	316.0	0.0	0.0	0.0
152.30	98.1	31.2	-333.1	0.0	0.0	0.0
152.31	-98.1	-31.2	333.1	0.0	0.0	0.0
152.32	103.1	48.8	-316.0	0.0	0.0	0.0
152.33	-102.4	-143.6	318.8	0.0	0.0	0.0
152.34	98.8	-63.6	-330.3	0.0	0.0	0.0
152.35	-98.8	63.6	330.3	0.0	0.0	0.0
152.36	102.4	143.6	-318.8	0.0	0.0	0.0
153.1	0.0	0.0	0.0	0.0	0.0	0.0
153.2	0.0	0.0	0.0	0.0	0.0	0.0
153.3	0.0	0.0	0.0	0.0	0.0	0.0
153.4	0.0	0.0	0.0	0.0	0.0	0.0
153.5	-37.2	-48.4	32.9	0.0	0.0	0.0
153.6	12.9	-7.3	-107.0	0.0	0.0	0.0

153.7	-12.9	7.3	107.0	0.0	0.0	0.0
153.8	37.2	48.4	-32.9	0.0	0.0	0.0
153.9	16.8	-43.5	58.1	0.0	0.0	0.0
153.10	-41.0	-12.2	-132.1	0.0	0.0	0.0
153.11	41.0	12.2	132.1	0.0	0.0	0.0
153.12	-16.8	43.5	-58.1	0.0	0.0	0.0
153.13	-38.6	-361.0	46.2	0.0	0.0	0.0
153.14	11.5	-320.0	-93.7	0.0	0.0	0.0
153.15	-11.5	320.0	93.7	0.0	0.0	0.0
153.16	38.6	361.0	-46.2	0.0	0.0	0.0
153.17	15.3	-356.1	71.3	0.0	0.0	0.0
153.18	-42.4	-324.8	-118.9	0.0	0.0	0.0
153.19	42.4	324.8	118.9	0.0	0.0	0.0
153.20	-15.3	356.1	-71.3	0.0	0.0	0.0
153.21	-87.1	-76.8	222.0	0.0	0.0	0.0
153.22	79.8	60.1	-244.2	0.0	0.0	0.0
153.23	-79.8	-60.1	244.2	0.0	0.0	0.0
153.24	87.1	76.8	-222.0	0.0	0.0	0.0
153.25	-87.5	-170.6	226.0	0.0	0.0	0.0
153.26	79.4	-33.7	-240.2	0.0	0.0	0.0
153.27	-79.4	33.7	240.2	0.0	0.0	0.0
153.28	87.5	170.6	-226.0	0.0	0.0	0.0
153.29	92.7	-60.5	305.9	0.0	0.0	0.0
153.30	-99.9	43.8	-328.1	0.0	0.0	0.0
153.31	99.9	-43.8	328.1	0.0	0.0	0.0
153.32	-92.7	60.5	-305.9	0.0	0.0	0.0
153.33	92.2	-154.3	309.9	0.0	0.0	0.0
153.34	-100.4	-50.0	-324.1	0.0	0.0	0.0
153.35	100.4	50.0	324.1	0.0	0.0	0.0
153.36	-92.2	154.3	-309.9	0.0	0.0	0.0
154.1	0.0	0.0	0.0	0.0	0.0	0.0
154.2	0.0	0.0	0.0	0.0	0.0	0.0
154.3	0.0	0.0	0.0	0.0	0.0	0.0
154.4	0.0	0.0	0.0	0.0	0.0	0.0
154.5	-36.7	-49.3	20.2	0.0	0.0	0.0
154.6	10.0	-7.3	-110.5	0.0	0.0	0.0
154.7	-10.0	7.3	110.5	0.0	0.0	0.0
154.8	36.7	49.3	-20.2	0.0	0.0	0.0
154.9	-39.7	-48.9	45.7	0.0	0.0	0.0
154.10	13.0	-7.7	-136.0	0.0	0.0	0.0
154.11	-13.0	7.7	136.0	0.0	0.0	0.0
154.12	39.7	48.9	-45.7	0.0	0.0	0.0
154.13	-8.1	-361.0	34.4	0.0	0.0	0.0
154.14	38.6	-319.1	-96.2	0.0	0.0	0.0
154.15	-38.6	319.1	96.2	0.0	0.0	0.0
154.16	8.1	361.0	-34.4	0.0	0.0	0.0
154.17	-11.1	-360.7	60.0	0.0	0.0	0.0
154.18	41.6	-319.5	-121.7	0.0	0.0	0.0
154.19	-41.6	319.5	121.7	0.0	0.0	0.0
154.20	11.1	360.7	-60.0	0.0	0.0	0.0
154.21	-81.8	-78.4	204.2	0.0	0.0	0.0
154.22	73.8	61.4	-231.3	0.0	0.0	0.0
154.23	-73.8	-61.4	231.3	0.0	0.0	0.0
154.24	81.8	78.4	-204.2	0.0	0.0	0.0
154.25	-73.3	-171.9	208.5	0.0	0.0	0.0
154.26	82.4	-32.2	-227.0	0.0	0.0	0.0
154.27	-82.4	32.2	227.0	0.0	0.0	0.0
154.28	73.3	171.9	-208.5	0.0	0.0	0.0
154.29	-91.9	-77.2	289.3	0.0	0.0	0.0
154.30	83.8	60.2	-316.4	0.0	0.0	0.0
154.31	-83.8	-60.2	316.4	0.0	0.0	0.0
154.32	91.9	77.2	-289.3	0.0	0.0	0.0

154.33	-83.3	-170.7	293.6	0.0	0.0	0.0
154.34	92.4	-33.3	-312.1	0.0	0.0	0.0
154.35	-92.4	33.3	312.1	0.0	0.0	0.0
154.36	83.3	170.7	-293.6	0.0	0.0	0.0
155.1	0.0	0.0	0.0	0.0	0.0	0.0
155.2	0.0	0.0	0.0	0.0	0.0	0.0
155.3	0.0	0.0	0.0	0.0	0.0	0.0
155.4	0.0	0.0	0.0	0.0	0.0	0.0
155.5	-35.7	-50.4	10.9	0.0	0.0	0.0
155.6	8.7	-11.0	-113.4	0.0	0.0	0.0
155.7	-8.7	11.0	113.4	0.0	0.0	0.0
155.8	35.7	50.4	-10.9	0.0	0.0	0.0
155.9	-37.6	-55.8	33.5	0.0	0.0	0.0
155.10	10.6	-5.6	-136.0	0.0	0.0	0.0
155.11	-10.6	5.6	136.0	0.0	0.0	0.0
155.12	37.6	55.8	-33.5	0.0	0.0	0.0
155.13	-32.0	-361.0	24.3	0.0	0.0	0.0
155.14	12.4	-321.5	-99.9	0.0	0.0	0.0
155.15	-12.4	321.5	99.9	0.0	0.0	0.0
155.16	32.0	361.0	-24.3	0.0	0.0	0.0
155.17	-33.9	-366.3	46.9	0.0	0.0	0.0
155.18	14.3	-316.2	-122.6	0.0	0.0	0.0
155.19	-14.3	316.2	122.6	0.0	0.0	0.0
155.20	33.9	366.3	-46.9	0.0	0.0	0.0
155.21	-77.9	-74.9	191.7	0.0	0.0	0.0
155.22	69.8	56.5	-222.4	0.0	0.0	0.0
155.23	-69.8	-56.5	222.4	0.0	0.0	0.0
155.24	77.9	74.9	-191.7	0.0	0.0	0.0
155.25	-76.8	-168.1	195.7	0.0	0.0	0.0
155.26	71.0	-36.7	-218.4	0.0	0.0	0.0
155.27	-71.0	36.7	218.4	0.0	0.0	0.0
155.28	76.8	168.1	-195.7	0.0	0.0	0.0
155.29	-84.3	-92.9	267.1	0.0	0.0	0.0
155.30	76.2	74.4	-297.9	0.0	0.0	0.0
155.31	-76.2	-74.4	297.9	0.0	0.0	0.0
155.32	84.3	92.9	-267.1	0.0	0.0	0.0
155.33	-83.2	-186.0	271.2	0.0	0.0	0.0
155.34	77.3	-18.7	-293.9	0.0	0.0	0.0
155.35	-77.3	18.7	293.9	0.0	0.0	0.0
155.36	83.2	186.0	-271.2	0.0	0.0	0.0
156.1	0.0	0.0	0.0	0.0	0.0	0.0
156.2	0.0	0.0	0.0	0.0	0.0	0.0
156.3	0.0	0.0	0.0	0.0	0.0	0.0
156.4	0.0	0.0	0.0	0.0	0.0	0.0
156.5	-35.4	-16.5	5.5	0.0	0.0	0.0
156.6	7.8	-50.9	-114.0	0.0	0.0	0.0
156.7	-7.8	50.9	114.0	0.0	0.0	0.0
156.8	35.4	16.5	-5.5	0.0	0.0	0.0
156.9	-36.1	-61.7	23.8	0.0	0.0	0.0
156.10	8.5	-5.6	-132.3	0.0	0.0	0.0
156.11	-8.5	5.6	132.3	0.0	0.0	0.0
156.12	36.1	61.7	-23.8	0.0	0.0	0.0
156.13	-29.6	-325.9	17.7	0.0	0.0	0.0
156.14	13.6	-360.4	-101.8	0.0	0.0	0.0
156.15	-13.6	360.4	101.8	0.0	0.0	0.0
156.16	29.6	325.9	-17.7	0.0	0.0	0.0
156.17	-30.4	-371.2	36.0	0.0	0.0	0.0
156.18	14.3	-315.1	-120.1	0.0	0.0	0.0
156.19	-14.3	315.1	120.1	0.0	0.0	0.0
156.20	30.4	371.2	-36.0	0.0	0.0	0.0
156.21	-76.1	47.3	182.9	0.0	0.0	0.0
156.22	67.9	-67.5	-215.4	0.0	0.0	0.0

156.23	-67.9	67.5	215.4	0.0	0.0	0.0
156.24	76.1	-47.3	-182.9	0.0	0.0	0.0
156.25	-74.4	-45.5	186.5	0.0	0.0	0.0
156.26	69.6	-160.3	-211.8	0.0	0.0	0.0
156.27	-69.6	160.3	211.8	0.0	0.0	0.0
156.28	74.4	45.5	-186.5	0.0	0.0	0.0
156.29	-78.5	-103.6	243.9	0.0	0.0	0.0
156.30	70.2	83.4	-276.5	0.0	0.0	0.0
156.31	-70.2	-83.4	276.5	0.0	0.0	0.0
156.32	78.5	103.6	-243.9	0.0	0.0	0.0
156.33	-76.8	-196.4	247.6	0.0	0.0	0.0
156.34	72.0	-9.5	-272.8	0.0	0.0	0.0
156.35	-72.0	9.5	272.8	0.0	0.0	0.0
156.36	76.8	196.4	-247.6	0.0	0.0	0.0
157.1	0.0	0.0	0.0	0.0	0.0	0.0
157.2	0.0	0.0	0.0	0.0	0.0	0.0
157.3	0.0	0.0	0.0	0.0	0.0	0.0
157.4	0.0	0.0	0.0	0.0	0.0	0.0
157.5	-36.6	-52.1	3.7	0.0	0.0	0.0
157.6	6.9	-23.3	-111.3	0.0	0.0	0.0
157.7	-6.9	23.3	111.3	0.0	0.0	0.0
157.8	36.6	52.1	-3.7	0.0	0.0	0.0
157.9	-36.1	-8.8	18.9	0.0	0.0	0.0
157.10	6.4	-66.5	-126.5	0.0	0.0	0.0
157.11	-6.4	66.5	126.5	0.0	0.0	0.0
157.12	36.1	8.8	-18.9	0.0	0.0	0.0
157.13	-31.5	-362.7	15.6	0.0	0.0	0.0
157.14	11.9	-333.9	-99.5	0.0	0.0	0.0
157.15	-11.9	333.9	99.5	0.0	0.0	0.0
157.16	31.5	362.7	-15.6	0.0	0.0	0.0
157.17	-31.0	-319.4	30.8	0.0	0.0	0.0
157.18	11.4	-377.1	-114.6	0.0	0.0	0.0
157.19	-11.4	377.1	114.6	0.0	0.0	0.0
157.20	31.0	319.4	-30.8	0.0	0.0	0.0
157.21	-76.9	-59.3	175.7	0.0	0.0	0.0
157.22	68.0	36.7	-207.9	0.0	0.0	0.0
157.23	-68.0	-36.7	207.9	0.0	0.0	0.0
157.24	76.9	59.3	-175.7	0.0	0.0	0.0
157.25	-75.4	-152.5	179.2	0.0	0.0	0.0
157.26	69.5	-56.5	-204.4	0.0	0.0	0.0
157.27	-69.5	56.5	204.4	0.0	0.0	0.0
157.28	75.4	152.5	-179.2	0.0	0.0	0.0
157.29	-75.2	84.9	226.1	0.0	0.0	0.0
157.30	66.3	-107.5	-258.4	0.0	0.0	0.0
157.31	-66.3	107.5	258.4	0.0	0.0	0.0
157.32	75.2	-84.9	-226.1	0.0	0.0	0.0
157.33	-73.7	-8.3	229.7	0.0	0.0	0.0
157.34	67.8	-200.7	-254.8	0.0	0.0	0.0
157.35	-67.8	200.7	254.8	0.0	0.0	0.0
157.36	73.7	8.3	-229.7	0.0	0.0	0.0
158.1	0.0	0.0	0.0	0.0	0.0	0.0
158.2	0.0	0.0	0.0	0.0	0.0	0.0
158.3	0.0	0.0	0.0	0.0	0.0	0.0
158.4	0.0	0.0	0.0	0.0	0.0	0.0
158.5	-39.9	-53.5	4.7	0.0	0.0	0.0
158.6	5.3	-29.1	-105.5	0.0	0.0	0.0
158.7	-5.3	29.1	105.5	0.0	0.0	0.0
158.8	39.9	53.5	-4.7	0.0	0.0	0.0
158.9	-38.2	-13.9	19.9	0.0	0.0	0.0
158.10	3.6	-68.7	-120.6	0.0	0.0	0.0
158.11	-3.6	68.7	120.6	0.0	0.0	0.0
158.12	38.2	13.9	-19.9	0.0	0.0	0.0

158.13	-34.7	-367.5	18.6	0.0	0.0	0.0
158.14	10.5	-343.1	-91.6	0.0	0.0	0.0
158.15	-10.5	343.1	91.6	0.0	0.0	0.0
158.16	34.7	367.5	-18.6	0.0	0.0	0.0
158.17	-33.0	-327.9	33.8	0.0	0.0	0.0
158.18	8.8	-382.6	-106.8	0.0	0.0	0.0
158.19	-8.8	382.6	106.8	0.0	0.0	0.0
158.20	33.0	327.9	-33.8	0.0	0.0	0.0
158.21	-80.5	-53.1	168.5	0.0	0.0	0.0
158.22	70.1	28.3	-198.7	0.0	0.0	0.0
158.23	-70.1	-28.3	198.7	0.0	0.0	0.0
158.24	80.5	53.1	-168.5	0.0	0.0	0.0
158.25	-79.0	-147.2	172.7	0.0	0.0	0.0
158.26	71.7	-65.9	-194.5	0.0	0.0	0.0
158.27	-71.7	65.9	194.5	0.0	0.0	0.0
158.28	79.0	147.2	-172.7	0.0	0.0	0.0
158.29	-74.9	78.9	219.1	0.0	0.0	0.0
158.30	64.5	-103.7	-249.4	0.0	0.0	0.0
158.31	-64.5	103.7	249.4	0.0	0.0	0.0
158.32	74.9	-78.9	-219.1	0.0	0.0	0.0
158.33	-73.3	-15.3	223.3	0.0	0.0	0.0
158.34	66.0	-197.9	-245.2	0.0	0.0	0.0
158.35	-66.0	197.9	245.2	0.0	0.0	0.0
158.36	73.3	15.3	-223.3	0.0	0.0	0.0
159.1	0.0	0.0	0.0	0.0	0.0	0.0
159.2	0.0	0.0	0.0	0.0	0.0	0.0
159.3	0.0	0.0	0.0	0.0	0.0	0.0
159.4	0.0	0.0	0.0	0.0	0.0	0.0
159.5	-38.3	-56.6	7.0	0.0	0.0	0.0
159.6	3.4	-32.2	-97.4	0.0	0.0	0.0
159.7	-3.4	32.2	97.4	0.0	0.0	0.0
159.8	38.3	56.6	-7.0	0.0	0.0	0.0
159.9	-36.9	-72.3	26.1	0.0	0.0	0.0
159.10	1.9	-16.5	-116.5	0.0	0.0	0.0
159.11	-1.9	16.5	116.5	0.0	0.0	0.0
159.12	36.9	72.3	-26.1	0.0	0.0	0.0
159.13	-41.5	-372.4	25.5	0.0	0.0	0.0
159.14	0.2	-347.9	-78.9	0.0	0.0	0.0
159.15	-0.2	347.9	78.9	0.0	0.0	0.0
159.16	41.5	372.4	-25.5	0.0	0.0	0.0
159.17	-40.0	-388.0	44.6	0.0	0.0	0.0
159.18	-1.3	-332.3	-98.0	0.0	0.0	0.0
159.19	1.3	332.3	98.0	0.0	0.0	0.0
159.20	40.0	388.0	-44.6	0.0	0.0	0.0
159.21	-74.7	-54.0	160.4	0.0	0.0	0.0
159.22	64.2	27.4	-187.5	0.0	0.0	0.0
159.23	-64.2	-27.4	187.5	0.0	0.0	0.0
159.24	74.7	54.0	-160.4	0.0	0.0	0.0
159.25	-75.6	-148.8	166.0	0.0	0.0	0.0
159.26	63.3	-67.3	-182.0	0.0	0.0	0.0
159.27	-63.3	67.3	182.0	0.0	0.0	0.0
159.28	75.6	148.8	-166.0	0.0	0.0	0.0
159.29	-69.9	-106.3	224.1	0.0	0.0	0.0
159.30	59.4	79.6	-251.2	0.0	0.0	0.0
159.31	-59.4	-79.6	251.2	0.0	0.0	0.0
159.32	69.9	106.3	-224.1	0.0	0.0	0.0
159.33	-70.9	-201.0	229.6	0.0	0.0	0.0
159.34	58.5	-15.1	-245.6	0.0	0.0	0.0
159.35	-58.5	15.1	245.6	0.0	0.0	0.0
159.36	70.9	201.0	-229.6	0.0	0.0	0.0
160.1	0.0	0.0	0.0	0.0	0.0	0.0
160.2	0.0	0.0	0.0	0.0	0.0	0.0

160.3	0.0	0.0	0.0	0.0	0.0	0.0
160.4	0.0	0.0	0.0	0.0	0.0	0.0
160.5	-35.5	-56.6	8.1	0.0	0.0	0.0
160.6	2.9	-31.9	-88.6	0.0	0.0	0.0
160.7	-2.9	31.9	88.6	0.0	0.0	0.0
160.8	35.5	56.6	-8.1	0.0	0.0	0.0
160.9	-34.8	-69.0	34.6	0.0	0.0	0.0
160.10	2.2	-19.4	-115.0	0.0	0.0	0.0
160.11	-2.2	19.4	115.0	0.0	0.0	0.0
160.12	34.8	69.0	-34.6	0.0	0.0	0.0
160.13	-39.1	-374.5	26.0	0.0	0.0	0.0
160.14	-0.7	-349.8	-70.7	0.0	0.0	0.0
160.15	0.7	349.8	70.7	0.0	0.0	0.0
160.16	39.1	374.5	-26.0	0.0	0.0	0.0
160.17	-38.4	-387.0	52.4	0.0	0.0	0.0
160.18	-1.4	-337.4	-97.1	0.0	0.0	0.0
160.19	1.4	337.4	97.1	0.0	0.0	0.0
160.20	38.4	387.0	-52.4	0.0	0.0	0.0
160.21	-68.9	-54.3	149.1	0.0	0.0	0.0
160.22	59.2	27.8	-173.2	0.0	0.0	0.0
160.23	-59.2	-27.8	173.2	0.0	0.0	0.0
160.24	68.9	54.3	-149.1	0.0	0.0	0.0
160.25	-70.0	-149.7	154.5	0.0	0.0	0.0
160.26	58.1	-67.6	-167.9	0.0	0.0	0.0
160.27	-58.1	67.6	167.9	0.0	0.0	0.0
160.28	70.0	149.7	-154.5	0.0	0.0	0.0
160.29	-66.5	-95.9	237.2	0.0	0.0	0.0
160.30	56.7	69.4	-261.4	0.0	0.0	0.0
160.31	-56.7	-69.4	261.4	0.0	0.0	0.0
160.32	66.5	95.9	-237.2	0.0	0.0	0.0
160.33	-67.6	-191.3	242.6	0.0	0.0	0.0
160.34	55.7	-26.0	-256.0	0.0	0.0	0.0
160.35	-55.7	26.0	256.0	0.0	0.0	0.0
160.36	67.6	191.3	-242.6	0.0	0.0	0.0
161.1	0.0	0.0	0.0	0.0	0.0	0.0
161.2	0.0	0.0	0.0	0.0	0.0	0.0
161.3	0.0	0.0	0.0	0.0	0.0	0.0
161.4	0.0	0.0	0.0	0.0	0.0	0.0
161.5	3.2	-28.3	6.4	0.0	0.0	0.0
161.6	-32.3	-54.9	-80.4	0.0	0.0	0.0
161.7	32.3	54.9	80.4	0.0	0.0	0.0
161.8	-3.2	28.3	-6.4	0.0	0.0	0.0
161.9	3.6	-61.1	41.5	0.0	0.0	0.0
161.10	-32.7	-22.1	-115.5	0.0	0.0	0.0
161.11	32.7	22.1	115.5	0.0	0.0	0.0
161.12	-3.6	61.1	-41.5	0.0	0.0	0.0
161.13	3.3	-347.0	14.6	0.0	0.0	0.0
161.14	-32.2	-373.6	-72.2	0.0	0.0	0.0
161.15	32.2	373.6	72.2	0.0	0.0	0.0
161.16	-3.3	347.0	-14.6	0.0	0.0	0.0
161.17	3.7	-379.8	49.7	0.0	0.0	0.0
161.18	-32.6	-340.8	-107.2	0.0	0.0	0.0
161.19	32.6	340.8	107.2	0.0	0.0	0.0
161.20	-3.7	379.8	-49.7	0.0	0.0	0.0
161.21	54.7	31.9	133.6	0.0	0.0	0.0
161.22	-63.5	-56.8	-155.8	0.0	0.0	0.0
161.23	63.5	56.8	155.8	0.0	0.0	0.0
161.24	-54.7	-31.9	-133.6	0.0	0.0	0.0
161.25	54.8	-63.7	136.0	0.0	0.0	0.0
161.26	-63.4	-152.5	-153.3	0.0	0.0	0.0
161.27	63.4	152.5	153.3	0.0	0.0	0.0
161.28	-54.8	63.7	-136.0	0.0	0.0	0.0

161.29	56.1	-77.5	250.5	0.0	0.0	0.0
161.30	-64.8	52.6	-272.7	0.0	0.0	0.0
161.31	64.8	-52.6	272.7	0.0	0.0	0.0
161.32	-56.1	77.5	-250.5	0.0	0.0	0.0
161.33	56.1	-173.2	253.0	0.0	0.0	0.0
161.34	-64.8	-43.0	-270.2	0.0	0.0	0.0
161.35	64.8	43.0	270.2	0.0	0.0	0.0
161.36	-56.1	173.2	-253.0	0.0	0.0	0.0
162.1	0.0	0.0	0.0	0.0	0.0	0.0
162.2	0.0	0.0	0.0	0.0	0.0	0.0
162.3	0.0	0.0	0.0	0.0	0.0	0.0
162.4	0.0	0.0	0.0	0.0	0.0	0.0
162.5	-29.3	-48.9	3.4	0.0	0.0	0.0
162.6	3.0	-20.2	-71.7	0.0	0.0	0.0
162.7	-3.0	20.2	71.7	0.0	0.0	0.0
162.8	29.3	48.9	-3.4	0.0	0.0	0.0
162.9	4.9	-48.8	45.9	0.0	0.0	0.0
162.10	-31.2	-20.3	-114.1	0.0	0.0	0.0
162.11	31.2	20.3	114.1	0.0	0.0	0.0
162.12	-4.9	48.8	-45.9	0.0	0.0	0.0
162.13	-27.0	-366.0	4.1	0.0	0.0	0.0
162.14	5.4	-337.3	-71.0	0.0	0.0	0.0
162.15	-5.4	337.3	71.0	0.0	0.0	0.0
162.16	27.0	366.0	-4.1	0.0	0.0	0.0
162.17	7.2	-365.8	46.6	0.0	0.0	0.0
162.18	-28.9	-337.4	-113.5	0.0	0.0	0.0
162.19	28.9	337.4	113.5	0.0	0.0	0.0
162.20	-7.2	365.8	-46.6	0.0	0.0	0.0
162.21	-57.9	-58.2	115.0	0.0	0.0	0.0
162.22	50.0	37.5	-135.4	0.0	0.0	0.0
162.23	-50.0	-37.5	135.4	0.0	0.0	0.0
162.24	57.9	58.2	-115.0	0.0	0.0	0.0
162.25	-57.2	-153.3	115.2	0.0	0.0	0.0
162.26	50.7	-57.6	-135.2	0.0	0.0	0.0
162.27	-50.7	57.6	135.2	0.0	0.0	0.0
162.28	57.2	153.3	-115.2	0.0	0.0	0.0
162.29	56.2	-57.7	256.5	0.0	0.0	0.0
162.30	-64.1	37.0	-276.9	0.0	0.0	0.0
162.31	64.1	-37.0	276.9	0.0	0.0	0.0
162.32	-56.2	57.7	-256.5	0.0	0.0	0.0
162.33	56.9	-152.9	256.7	0.0	0.0	0.0
162.34	-63.4	-58.1	-276.7	0.0	0.0	0.0
162.35	63.4	58.1	276.7	0.0	0.0	0.0
162.36	-56.9	152.9	-256.7	0.0	0.0	0.0
163.1	0.0	0.0	0.0	0.0	0.0	0.0
163.2	0.0	0.0	0.0	0.0	0.0	0.0
163.3	0.0	0.0	0.0	0.0	0.0	0.0
163.4	0.0	0.0	0.0	0.0	0.0	0.0
163.5	1.8	-39.7	1.9	0.0	0.0	0.0
163.6	-27.1	-11.5	-61.1	0.0	0.0	0.0
163.7	27.1	11.5	61.1	0.0	0.0	0.0
163.8	-1.8	39.7	-1.9	0.0	0.0	0.0
163.9	-30.4	-36.0	48.9	0.0	0.0	0.0
163.10	5.1	-15.3	-108.0	0.0	0.0	0.0
163.11	-5.1	15.3	108.0	0.0	0.0	0.0
163.12	30.4	36.0	-48.9	0.0	0.0	0.0
163.13	27.6	-355.4	4.0	0.0	0.0	0.0
163.14	-1.2	-327.2	-59.0	0.0	0.0	0.0
163.15	1.2	327.2	59.0	0.0	0.0	0.0
163.16	-27.6	355.4	-4.0	0.0	0.0	0.0
163.17	-4.5	-351.7	51.0	0.0	0.0	0.0
163.18	31.0	-331.0	-105.9	0.0	0.0	0.0

163.19	-31.0	331.0	105.9	0.0	0.0	0.0
163.20	4.5	351.7	-51.0	0.0	0.0	0.0
163.21	44.3	-54.7	96.1	0.0	0.0	0.0
163.22	-51.8	39.4	-113.8	0.0	0.0	0.0
163.23	51.8	-39.4	113.8	0.0	0.0	0.0
163.24	-44.3	54.7	-96.1	0.0	0.0	0.0
163.25	52.0	-149.4	96.7	0.0	0.0	0.0
163.26	-44.1	-55.3	-113.2	0.0	0.0	0.0
163.27	44.1	55.3	113.2	0.0	0.0	0.0
163.28	-52.0	149.4	-96.7	0.0	0.0	0.0
163.29	-63.0	-42.2	252.6	0.0	0.0	0.0
163.30	55.4	26.8	-270.4	0.0	0.0	0.0
163.31	-55.4	-26.8	270.4	0.0	0.0	0.0
163.32	63.0	42.2	-252.6	0.0	0.0	0.0
163.33	-55.3	-136.9	253.3	0.0	0.0	0.0
163.34	63.2	-67.9	-269.7	0.0	0.0	0.0
163.35	-63.2	67.9	269.7	0.0	0.0	0.0
163.36	55.3	136.9	-253.3	0.0	0.0	0.0
164.1	0.0	0.0	0.0	0.0	0.0	0.0
164.2	0.0	0.0	0.0	0.0	0.0	0.0
164.3	0.0	0.0	0.0	0.0	0.0	0.0
164.4	0.0	0.0	0.0	0.0	0.0	0.0
164.5	-24.2	-20.8	-2.5	0.0	0.0	0.0
164.6	-2.0	-1.1	-50.0	0.0	0.0	0.0
164.7	2.0	1.1	50.0	0.0	0.0	0.0
164.8	24.2	20.8	2.5	0.0	0.0	0.0
164.9	2.2	-4.2	41.4	0.0	0.0	0.0
164.10	-28.4	-17.7	-94.0	0.0	0.0	0.0
164.11	28.4	17.7	94.0	0.0	0.0	0.0
164.12	-2.2	4.2	-41.4	0.0	0.0	0.0
164.13	-38.4	-285.6	5.3	0.0	0.0	0.0
164.14	-16.2	-266.0	-42.1	0.0	0.0	0.0
164.15	16.2	266.0	42.1	0.0	0.0	0.0
164.16	38.4	285.6	-5.3	0.0	0.0	0.0
164.17	-12.0	-269.1	49.3	0.0	0.0	0.0
164.18	-42.6	-282.5	-86.1	0.0	0.0	0.0
164.19	42.6	282.5	86.1	0.0	0.0	0.0
164.20	12.0	269.1	-49.3	0.0	0.0	0.0
164.21	-41.0	-36.0	71.2	0.0	0.0	0.0
164.22	33.2	29.5	-87.0	0.0	0.0	0.0
164.23	-33.2	-29.5	87.0	0.0	0.0	0.0
164.24	41.0	36.0	-71.2	0.0	0.0	0.0
164.25	-45.3	-115.5	73.6	0.0	0.0	0.0
164.26	28.9	-50.0	-84.6	0.0	0.0	0.0
164.27	-28.9	50.0	84.6	0.0	0.0	0.0
164.28	45.3	115.5	-73.6	0.0	0.0	0.0
164.29	47.1	19.1	217.8	0.0	0.0	0.0
164.30	-55.0	-25.7	-233.6	0.0	0.0	0.0
164.31	55.0	25.7	233.6	0.0	0.0	0.0
164.32	-47.1	-19.1	-217.8	0.0	0.0	0.0
164.33	42.8	-60.3	220.2	0.0	0.0	0.0
164.34	-59.2	-105.2	-231.2	0.0	0.0	0.0
164.35	59.2	105.2	231.2	0.0	0.0	0.0
164.36	-42.8	60.3	-220.2	0.0	0.0	0.0
165.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
165.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
165.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
165.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
165.5	1777.4	38.0	-130.9	111640.0	-1127000.0	13.3
165.6	1773.5	93.0	-102.6	45606.0	-1132000.0	13.4
165.7	1848.9	-93.0	102.6	-45606.0	-1042000.0	12.3
165.8	1845.1	-38.0	130.9	-111640.0	-1046000.0	12.4

165.9	1773.8	-52.3	-131.0	219966.0	-1128000.0	13.3
165.10	1777.1	183.3	-102.4	-62720.0	-1132000.0	13.4
165.11	1845.3	-183.3	102.4	62720.0	-1042000.0	12.3
165.12	1848.7	52.3	131.0	-219966.0	-1046000.0	12.4
165.13	1741.9	-100.1	-360.2	120112.0	-998979.0	11.8
165.14	1738.1	-45.1	-332.0	54077.0	-1004000.0	11.9
165.15	1884.3	45.1	332.0	-54077.0	-1170000.0	13.8
165.16	1880.5	100.1	360.2	-120112.0	-1174000.0	13.9
165.17	1738.3	-190.4	-360.4	228437.0	-999238.0	11.8
165.18	1741.7	45.2	-331.8	-54249.0	-1003000.0	11.9
165.19	1880.7	-45.2	331.8	54249.0	-1170000.0	13.8
165.20	1884.1	190.4	360.4	-228437.0	-1174000.0	13.9
165.21	1806.8	-72.1	-82.1	133645.0	-1092000.0	12.9
165.22	1794.1	111.4	12.1	-86471.0	-1107000.0	13.1
165.23	1828.3	-111.4	-12.1	86471.0	-1066000.0	12.6
165.24	1815.6	72.1	82.1	-133645.0	-1081000.0	12.8
165.25	1796.2	-113.5	-150.9	136186.0	-1053000.0	12.5
165.26	1783.5	69.9	-56.7	-83930.0	-1069000.0	12.6
165.27	1838.9	-69.9	56.7	83930.0	-1105000.0	13.1
165.28	1826.2	113.5	150.9	-136186.0	-1120000.0	13.3
165.29	1794.9	-373.0	-82.7	494731.0	-1093000.0	12.9
165.30	1806.1	412.3	12.6	-447558.0	-1106000.0	13.1
165.31	1816.3	-412.3	-12.6	447558.0	-1067000.0	12.6
165.32	1827.6	373.0	82.7	-494731.0	-1081000.0	12.8
165.33	1784.2	-414.4	-151.5	497273.0	-1054000.0	12.5
165.34	1795.5	370.8	-56.2	-445016.0	-1068000.0	12.6
165.35	1826.9	-370.8	56.2	445016.0	-1106000.0	13.1
165.36	1838.2	414.4	151.5	-497273.0	-1119000.0	13.2
166.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
166.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
166.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
166.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
166.5	1772.0	726.1	-140.4	-871361.1	-1068000.0	12.6
166.6	1814.6	706.6	12.4	-847919.1	-1119000.0	13.2
166.7	1791.0	-706.6	-12.4	847919.1	-1045000.0	12.4
166.8	1833.6	-726.1	140.4	871361.1	-1096000.0	13.0
166.9	1776.8	730.6	-94.7	-876683.0	-1073000.0	12.7
166.10	1809.8	702.2	-33.3	-842597.0	-1113000.0	13.2
166.11	1795.8	-702.2	33.3	842597.0	-1051000.0	12.4
166.12	1828.8	-730.6	94.7	876683.0	-1090000.0	12.9
166.13	1773.8	39.5	-113.9	-47403.0	-1065000.0	12.6
166.14	1816.4	20.0	39.0	-23961.0	-1116000.0	13.2
166.15	1789.2	-20.0	-39.0	23961.0	-1047000.0	12.4
166.16	1831.8	-39.5	113.9	47403.0	-1098000.0	13.0
166.17	1778.6	43.9	-68.2	-52725.0	-1071000.0	12.7
166.18	1811.6	15.5	-6.7	-18639.0	-1111000.0	13.1
166.19	1794.0	-15.5	6.7	18639.0	-1053000.0	12.5
166.20	1827.0	-43.9	68.2	52725.0	-1092000.0	12.9
166.21	1729.0	247.5	-274.0	-296961.0	-999940.1	11.8
166.22	1870.9	182.4	235.6	-218823.0	-1170000.0	13.8
166.23	1734.7	-182.4	-235.6	218823.0	-993107.0	11.8
166.24	1876.6	-247.5	274.0	296961.0	-1163000.0	13.8
166.25	1729.5	41.5	-266.0	-49774.0	-999288.9	11.8
166.26	1871.5	-23.6	243.5	28365.0	-1170000.0	13.8
166.27	1734.1	23.6	-243.5	-28365.0	-993757.0	11.8
166.28	1876.1	-41.5	266.0	49774.0	-1164000.0	13.8
166.29	1745.0	262.3	-121.6	-314702.0	-1019000.0	12.1
166.30	1854.9	167.6	83.2	-201083.0	-1151000.0	13.6
166.31	1750.7	-167.6	-83.2	201083.0	-1012000.0	12.0
166.32	1860.6	-262.3	121.6	314702.0	-1144000.0	13.5
166.33	1745.5	56.3	-113.6	-67514.0	-1018000.0	12.0
166.34	1855.5	-38.4	91.2	46105.0	-1150000.0	13.6

166.35	1750.1	38.4	-91.2	-46105.0	-1013000.0	12.0
166.36	1860.1	-56.3	113.6	67514.0	-1145000.0	13.5
167.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
167.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
167.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
167.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
167.5	1812.5	686.3	-163.6	-823593.0	-1070000.0	12.7
167.6	1770.9	665.6	-2.0	-798758.0	-1120000.0	13.3
167.7	1834.8	-665.6	2.0	798758.0	-1043000.0	12.3
167.8	1793.1	-686.3	163.6	823593.0	-1093000.0	12.9
167.9	1773.8	690.8	-120.2	-828968.0	-1074000.0	12.7
167.10	1809.6	661.2	-45.5	-793383.0	-1116000.0	13.2
167.11	1796.0	-661.2	45.5	793383.0	-1047000.0	12.4
167.12	1831.8	-690.8	120.2	828968.0	-1090000.0	12.9
167.13	1816.7	53.8	-129.7	-64583.0	-1048000.0	12.4
167.14	1775.1	33.1	31.9	-39747.0	-1098000.0	13.0
167.15	1830.6	-33.1	-31.9	39747.0	-1065000.0	12.6
167.16	1788.9	-53.8	129.7	64583.0	-1115000.0	13.2
167.17	1778.0	58.3	-86.3	-69958.0	-1052000.0	12.4
167.18	1813.8	28.6	-11.6	-34373.0	-1095000.0	13.0
167.19	1791.8	-28.6	11.6	34373.0	-1069000.0	12.6
167.20	1827.6	-58.3	86.3	69958.0	-1111000.0	13.1
167.21	1869.0	237.3	-294.2	-284746.0	-1002000.0	11.9
167.22	1730.0	168.3	244.5	-201960.0	-1169000.0	13.8
167.23	1875.6	-168.3	-244.5	201960.0	-994313.9	11.8
167.24	1736.7	-237.3	294.2	284746.0	-1161000.0	13.7
167.25	1870.2	47.5	-284.0	-57043.0	-995824.0	11.8
167.26	1731.3	-21.5	254.7	25744.0	-1163000.0	13.8
167.27	1874.4	21.5	-254.7	-25744.0	-1001000.0	11.8
167.28	1735.4	-47.5	284.0	57043.0	-1168000.0	13.8
167.29	1739.9	252.2	-149.3	-302661.0	-1014000.0	12.0
167.30	1859.1	153.4	99.7	-184045.0	-1157000.0	13.7
167.31	1746.5	-153.4	-99.7	184045.0	-1006000.0	11.9
167.32	1865.8	-252.2	149.3	302661.0	-1149000.0	13.6
167.33	1741.1	62.5	-139.2	-74957.0	-1008000.0	11.9
167.34	1860.4	-36.4	109.8	43658.0	-1151000.0	13.6
167.35	1745.3	36.4	-109.8	-43658.0	-1013000.0	12.0
167.36	1864.5	-62.5	139.2	74957.0	-1156000.0	13.7
168.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
168.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
168.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
168.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
168.5	1801.3	624.1	-162.1	-781857.0	-1129000.0	13.4
168.6	1841.9	651.5	1.3	-748965.0	-1080000.0	12.8
168.7	1763.7	-651.5	-1.3	748965.0	-1083000.0	12.8
168.8	1804.3	-624.1	162.1	781857.0	-1035000.0	12.2
168.9	1802.5	650.5	-124.3	-780570.0	-1081000.0	12.8
168.10	1840.7	625.2	-36.6	-750251.0	-1127000.0	13.3
168.11	1764.9	-625.2	36.6	750251.0	-1036000.0	12.3
168.12	1803.1	-650.5	124.3	780570.0	-1082000.0	12.8
168.13	1790.0	40.0	-129.4	-80883.0	-1115000.0	13.2
168.14	1830.6	67.4	34.0	-47991.0	-1066000.0	12.6
168.15	1775.0	-67.4	-34.0	47991.0	-1097000.0	13.0
168.16	1815.6	-40.0	129.4	80883.0	-1048000.0	12.4
168.17	1791.2	66.3	-91.5	-79596.0	-1068000.0	12.6
168.18	1829.4	41.1	-3.8	-49277.0	-1114000.0	13.2
168.19	1776.2	-41.1	3.8	49277.0	-1050000.0	12.4
168.20	1814.4	-66.3	91.5	79596.0	-1096000.0	13.0
168.21	1740.8	145.7	-296.5	-284444.0	-1170000.0	13.8
168.22	1876.1	237.0	248.2	-174803.0	-1007000.0	11.9
168.23	1729.5	-237.0	-248.2	174803.0	-1156000.0	13.7
168.24	1864.8	-145.7	296.5	284444.0	-993734.9	11.8

168.25	1737.4	-29.6	-286.7	-74151.0	-1166000.0	13.8
168.26	1872.7	61.8	258.1	35489.0	-1003000.0	11.9
168.27	1732.9	-61.8	-258.1	-35489.0	-1160000.0	13.7
168.28	1868.2	29.6	286.7	74151.0	-997817.0	11.8
168.29	1744.8	233.5	-170.3	-280155.0	-1012000.0	12.0
168.30	1872.1	149.2	122.1	-179091.0	-1165000.0	13.8
168.31	1733.5	-149.2	-122.1	179091.0	-998558.0	11.8
168.32	1860.8	-233.5	170.3	280155.0	-1151000.0	13.6
168.33	1741.4	58.2	-160.5	-69863.0	-1008000.0	11.9
168.34	1868.7	-26.0	131.9	31201.0	-1161000.0	13.7
168.35	1736.9	26.0	-131.9	-31201.0	-1003000.0	11.9
168.36	1864.2	-58.2	160.5	69863.0	-1155000.0	13.7
169.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
169.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
169.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
169.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
169.5	1810.7	646.6	-144.4	-775872.0	-1139000.0	13.5
169.6	1850.7	607.4	13.4	-728935.0	-1091000.0	12.9
169.7	1754.9	-607.4	-13.4	728935.0	-1072000.0	12.7
169.8	1794.9	-646.6	144.4	775872.0	-1024000.0	12.1
169.9	1810.4	616.9	-114.7	-764561.0	-1139000.0	13.5
169.10	1850.9	637.1	-16.2	-740246.0	-1091000.0	12.9
169.11	1754.7	-637.1	16.2	740246.0	-1073000.0	12.7
169.12	1795.2	-616.9	114.7	764561.0	-1024000.0	12.1
169.13	1790.9	79.4	-116.9	-95304.0	-1115000.0	13.2
169.14	1830.9	40.3	40.8	-48367.0	-1067000.0	12.6
169.15	1774.7	-40.3	-40.8	48367.0	-1096000.0	13.0
169.16	1814.7	-79.4	116.9	95304.0	-1048000.0	12.4
169.17	1790.7	49.7	-87.3	-83993.0	-1116000.0	13.2
169.18	1831.2	70.0	11.2	-59678.0	-1067000.0	12.6
169.19	1774.4	-70.0	-11.2	59678.0	-1096000.0	13.0
169.20	1814.9	-49.7	87.3	83993.0	-1048000.0	12.4
169.21	1744.5	253.3	-282.6	-303949.0	-1172000.0	13.9
169.22	1877.8	122.9	243.3	-147493.0	-1012000.0	12.0
169.23	1727.8	-122.9	-243.3	147493.0	-1152000.0	13.6
169.24	1861.1	-253.3	282.6	303949.0	-991665.1	11.7
169.25	1738.6	83.1	-274.3	-99779.0	-1165000.0	13.8
169.26	1871.9	-47.2	251.5	56677.0	-1005000.0	11.9
169.27	1733.7	47.2	-251.5	-56677.0	-1159000.0	13.7
169.28	1867.0	-83.1	274.3	99779.0	-998774.0	11.8
169.29	1743.7	154.3	-183.8	-266246.0	-1173000.0	13.9
169.30	1878.6	221.9	144.5	-185196.0	-1011000.0	12.0
169.31	1727.0	-221.9	-144.5	185196.0	-1153000.0	13.6
169.32	1861.9	-154.3	183.8	266246.0	-990698.1	11.7
169.33	1737.8	-15.8	-175.5	-62076.0	-1166000.0	13.8
169.34	1872.7	51.7	152.7	18974.0	-1004000.0	11.9
169.35	1732.9	-51.7	-152.7	-18974.0	-1160000.0	13.7
169.36	1867.8	15.8	175.5	62076.0	-997808.0	11.8
170.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
170.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
170.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
170.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
170.5	1808.8	648.7	-124.8	-778493.0	-1089000.0	12.9
170.6	1849.4	600.6	23.9	-720730.0	-1138000.0	13.5
170.7	1756.2	-600.6	-23.9	720730.0	-1026000.0	12.1
170.8	1796.8	-648.7	124.8	778493.0	-1074000.0	12.7
170.9	1807.6	633.9	-103.6	-760729.0	-1087000.0	12.9
170.10	1850.6	615.4	2.7	-738494.0	-1139000.0	13.5
170.11	1755.0	-615.4	-2.7	738494.0	-1024000.0	12.1
170.12	1798.1	-633.9	103.6	760729.0	-1076000.0	12.7
170.13	1774.9	84.6	-100.5	-101563.0	-1048000.0	12.4
170.14	1815.5	36.5	48.2	-43799.0	-1097000.0	13.0

170.15	1790.2	-36.5	-48.2	43799.0	-1067000.0	12.6
170.16	1830.8	-84.6	100.5	101563.0	-1115000.0	13.2
170.17	1773.6	69.8	-79.3	-83798.0	-1047000.0	12.4
170.18	1816.7	51.3	27.0	-61564.0	-1098000.0	13.0
170.19	1788.9	-51.3	-27.0	61564.0	-1065000.0	12.6
170.20	1832.0	-69.8	79.3	83798.0	-1117000.0	13.2
170.21	1743.0	267.6	-263.0	-321156.0	-1010000.0	12.0
170.22	1878.3	107.2	232.7	-128611.0	-1172000.0	13.9
170.23	1727.3	-107.2	-232.7	128611.0	-991037.0	11.7
170.24	1862.6	-267.6	263.0	321156.0	-1153000.0	13.6
170.25	1732.9	98.4	-255.7	-118077.0	-997748.1	11.8
170.26	1868.2	-62.1	240.0	74468.0	-1160000.0	13.7
170.27	1737.4	62.1	-240.0	-74468.0	-1003000.0	11.9
170.28	1872.8	-98.4	255.7	118077.0	-1166000.0	13.8
170.29	1738.9	218.3	-192.2	-261940.0	-1005000.0	11.9
170.30	1882.5	156.5	161.9	-187826.0	-1177000.0	13.9
170.31	1723.1	-156.5	-161.9	187826.0	-986079.0	11.7
170.32	1866.7	-218.3	192.2	261940.0	-1158000.0	13.7
170.33	1728.7	49.1	-184.9	-58861.0	-992788.9	11.7
170.34	1872.3	-12.7	169.2	15253.0	-1165000.0	13.8
170.35	1733.3	12.7	-169.2	-15253.0	-998296.0	11.8
170.36	1876.9	-49.1	184.9	58861.0	-1171000.0	13.9
171.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
171.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
171.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
171.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
171.5	1796.9	653.5	-117.7	-784192.0	-1126000.0	13.3
171.6	1839.6	603.9	25.2	-724735.0	-1075000.0	12.7
171.7	1766.1	-603.9	-25.2	724735.0	-1089000.0	12.9
171.8	1808.7	-653.5	117.7	784192.0	-1038000.0	12.3
171.9	1795.2	638.4	-102.1	-766036.0	-1073000.0	12.7
171.10	1841.3	619.1	9.6	-742891.0	-1128000.0	13.3
171.11	1764.3	-619.1	-9.6	742891.0	-1036000.0	12.3
171.12	1810.4	-638.4	102.1	766036.0	-1091000.0	12.9
171.13	1774.9	81.0	-90.6	-97149.0	-1115000.0	13.2
171.14	1817.5	31.4	52.3	-37692.0	-1064000.0	12.6
171.15	1788.1	-31.4	-52.3	37692.0	-1099000.0	13.0
171.16	1830.7	-81.0	90.6	97149.0	-1048000.0	12.4
171.17	1773.2	65.8	-75.0	-78993.0	-1062000.0	12.6
171.18	1819.3	46.5	36.7	-55848.0	-1117000.0	13.2
171.19	1786.4	-46.5	-36.7	55848.0	-1046000.0	12.4
171.20	1832.4	-65.8	75.0	78993.0	-1101000.0	13.0
171.21	1736.4	271.2	-252.0	-325435.0	-1172000.0	13.9
171.22	1878.5	106.0	224.2	-127243.0	-1002000.0	11.9
171.23	1727.1	-106.0	-224.2	127243.0	-1161000.0	13.7
171.24	1869.2	-271.2	252.0	325435.0	-990887.0	11.7
171.25	1729.8	99.4	-243.8	-119322.0	-1169000.0	13.8
171.26	1871.9	-65.7	232.3	78869.0	-998817.0	11.8
171.27	1733.8	65.7	-232.3	-78869.0	-1165000.0	13.8
171.28	1875.8	-99.4	243.8	119322.0	-994075.0	11.8
171.29	1730.7	220.8	-200.1	-264913.0	-995130.0	11.8
171.30	1884.2	156.5	172.4	-187765.0	-1179000.0	14.0
171.31	1721.4	-156.5	-172.4	187765.0	-984011.1	11.6
171.32	1874.9	-220.8	200.1	264913.0	-1168000.0	13.8
171.33	1724.1	49.0	-192.0	-58800.0	-991941.0	11.7
171.34	1877.6	-15.3	180.5	18348.0	-1176000.0	13.9
171.35	1728.0	15.3	-180.5	-18348.0	-987200.0	11.7
171.36	1881.5	-49.0	192.0	58800.0	-1171000.0	13.9
172.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
172.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
172.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
172.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2

172.5	1755.4	670.1	-120.9	-804180.0	-1076000.0	12.7
172.6	1797.9	615.3	23.7	-738353.0	-1025000.0	12.1
172.7	1807.7	-615.3	-23.7	738353.0	-1139000.0	13.5
172.8	1850.2	-670.1	120.9	804180.0	-1088000.0	12.9
172.9	1754.6	655.2	-107.0	-786203.0	-1024000.0	12.1
172.10	1798.6	630.3	9.7	-756330.0	-1077000.0	12.7
172.11	1807.0	-630.3	-9.7	756330.0	-1087000.0	12.9
172.12	1851.0	-655.2	107.0	786203.0	-1139000.0	13.5
172.13	1788.6	79.6	-90.1	-95504.0	-1099000.0	13.0
172.14	1831.1	24.7	54.5	-29677.0	-1048000.0	12.4
172.15	1774.5	-24.7	-54.5	29677.0	-1116000.0	13.2
172.16	1817.0	-79.6	90.1	95504.0	-1065000.0	12.6
172.17	1787.9	64.6	-76.2	-77527.0	-1047000.0	12.4
172.18	1831.9	39.7	40.6	-47653.0	-1100000.0	13.0
172.19	1773.8	-39.7	-40.6	47653.0	-1064000.0	12.6
172.20	1817.8	-64.6	76.2	77527.0	-1117000.0	13.2
172.21	1724.1	284.2	-255.6	-341092.0	-1157000.0	13.7
172.22	1865.8	101.4	226.4	-121668.0	-987244.1	11.7
172.23	1739.8	-101.4	-226.4	121668.0	-1176000.0	13.9
172.24	1881.5	-284.2	255.6	341092.0	-1006000.0	11.9
172.25	1734.1	107.1	-246.3	-128489.0	-1164000.0	13.8
172.26	1875.8	-75.8	235.6	90935.0	-994124.0	11.8
172.27	1729.8	75.8	-235.6	-90935.0	-1169000.0	13.8
172.28	1871.5	-107.1	246.3	128489.0	-999201.9	11.8
172.29	1721.6	234.3	-209.2	-281169.0	-984272.0	11.6
172.30	1868.3	151.3	180.0	-181591.0	-1160000.0	13.7
172.31	1737.3	-151.3	-180.0	181591.0	-1003000.0	11.9
172.32	1884.0	-234.3	209.2	281169.0	-1179000.0	14.0
172.33	1731.6	57.1	-199.9	-68566.0	-991153.0	11.7
172.34	1878.3	-25.8	189.2	31012.0	-1167000.0	13.8
172.35	1727.4	25.8	-189.2	-31012.0	-996230.9	11.8
172.36	1874.0	-57.1	199.9	68566.0	-1172000.0	13.9
173.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
173.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
173.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
173.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
173.5	1759.7	678.1	-126.3	-813745.0	-1133000.0	13.4
173.6	1804.0	623.3	27.7	-747911.0	-1080000.0	12.8
173.7	1801.6	-623.3	-27.7	747911.0	-1083000.0	12.8
173.8	1845.9	-678.1	126.3	813745.0	-1030000.0	12.2
173.9	1760.1	666.7	-109.9	-800025.0	-1081000.0	12.8
173.10	1803.6	634.7	11.3	-761630.0	-1133000.0	13.4
173.11	1802.0	-634.7	-11.3	761630.0	-1030000.0	12.2
173.12	1845.5	-666.7	109.9	800025.0	-1083000.0	12.8
173.13	1774.8	76.5	-94.5	-91748.0	-1115000.0	13.2
173.14	1819.1	21.6	59.5	-25914.0	-1062000.0	12.6
173.15	1786.5	-21.6	-59.5	25914.0	-1101000.0	13.0
173.16	1830.8	-76.5	94.5	91748.0	-1048000.0	12.4
173.17	1775.2	65.0	-78.1	-78029.0	-1063000.0	12.6
173.18	1818.7	33.0	43.1	-39634.0	-1115000.0	13.2
173.19	1786.9	-33.0	-43.1	39634.0	-1049000.0	12.4
173.20	1830.4	-65.0	78.1	78029.0	-1101000.0	13.0
173.21	1722.7	286.6	-271.5	-343971.0	-1178000.0	13.9
173.22	1870.3	103.8	241.9	-124526.0	-1001000.0	11.8
173.23	1735.3	-103.8	-241.9	124526.0	-1163000.0	13.8
173.24	1882.9	-286.6	271.5	343971.0	-985593.0	11.7
173.25	1727.3	106.1	-262.0	-127372.0	-1172000.0	13.9
173.26	1874.9	-76.7	251.5	92073.0	-995230.0	11.8
173.27	1730.8	76.7	-251.5	-92073.0	-1168000.0	13.8
173.28	1878.4	-106.1	262.0	127372.0	-991032.0	11.7
173.29	1724.0	248.5	-216.8	-298240.0	-1002000.0	11.9
173.30	1869.0	141.9	187.2	-170257.0	-1176000.0	13.9

173.31	1736.6	-141.9	-187.2	170257.0	-987134.0	11.7
173.32	1881.6	-248.5	216.8	298240.0	-1161000.0	13.7
173.33	1728.5	68.0	-207.3	-81641.0	-996771.0	11.8
173.34	1873.6	-38.6	196.8	46342.0	-1171000.0	13.9
173.35	1732.0	38.6	-196.8	-46342.0	-992573.1	11.7
173.36	1877.1	-68.0	207.3	81641.0	-1167000.0	13.8
174.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
174.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
174.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
174.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
174.5	1766.8	692.8	-130.4	-831419.1	-1039000.0	12.3
174.6	1814.5	642.9	37.6	-771474.0	-1096000.0	13.0
174.7	1791.1	-642.9	-37.6	771474.0	-1068000.0	12.6
174.8	1838.8	-692.8	130.4	831419.1	-1125000.0	13.3
174.9	1768.4	687.1	-109.3	-824469.1	-1040000.0	12.3
174.10	1812.9	648.7	16.6	-778424.0	-1094000.0	12.9
174.11	1792.7	-648.7	-16.6	778424.0	-1070000.0	12.7
174.12	1837.2	-687.1	109.3	824469.1	-1123000.0	13.3
174.13	1774.3	72.0	-100.7	-86441.0	-1047000.0	12.4
174.14	1822.0	22.1	67.2	-26495.0	-1105000.0	13.1
174.15	1783.6	-22.1	-67.2	26495.0	-1059000.0	12.5
174.16	1831.3	-72.0	100.7	86441.0	-1116000.0	13.2
174.17	1775.9	66.2	-79.7	-79490.0	-1049000.0	12.4
174.18	1820.4	27.9	46.2	-33446.0	-1103000.0	13.1
174.19	1785.3	-27.9	-46.2	33446.0	-1061000.0	12.6
174.20	1829.7	-66.2	79.7	79490.0	-1114000.0	13.2
174.21	1719.7	283.6	-293.8	-340343.0	-981916.0	11.6
174.22	1878.7	117.1	266.0	-140525.0	-1173000.0	13.9
174.23	1726.9	-117.1	-266.0	140525.0	-990650.0	11.7
174.24	1885.9	-283.6	293.8	340343.0	-1181000.0	14.0
174.25	1721.9	97.4	-284.9	-116849.0	-984596.0	11.7
174.26	1880.9	-69.1	274.9	82969.0	-1175000.0	13.9
174.27	1724.7	69.1	-274.9	-82969.0	-987969.1	11.7
174.28	1883.7	-97.4	284.9	116849.0	-1179000.0	14.0
174.29	1725.0	264.3	-223.8	-317174.0	-988359.9	11.7
174.30	1873.3	136.4	195.9	-163694.0	-1166000.0	13.8
174.31	1732.3	-136.4	-195.9	163694.0	-997093.0	11.8
174.32	1880.6	-264.3	223.8	317174.0	-1175000.0	13.9
174.33	1727.3	78.1	-214.9	-93681.0	-991040.1	11.7
174.34	1875.5	-49.8	204.8	59800.0	-1169000.0	13.8
174.35	1730.1	49.8	-204.8	-59800.0	-994413.0	11.8
174.36	1878.3	-78.1	214.9	93681.0	-1172000.0	13.9
175.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
175.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
175.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
175.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
175.5	1758.0	686.0	-131.6	-823217.0	-1135000.0	13.4
175.6	1810.4	645.4	50.2	-774538.0	-1073000.0	12.7
175.7	1795.2	-645.4	-50.2	774538.0	-1091000.0	12.9
175.8	1847.6	-686.0	131.6	823217.0	-1028000.0	12.2
175.9	1760.8	686.5	-106.9	-823749.0	-1132000.0	13.4
175.10	1807.6	645.0	25.4	-774005.0	-1076000.0	12.7
175.11	1798.0	-645.0	-25.4	774005.0	-1087000.0	12.9
175.12	1844.8	-686.5	106.9	823749.0	-1031000.0	12.2
175.13	1770.8	66.4	-106.9	-79673.0	-1106000.0	13.1
175.14	1823.2	25.8	74.9	-30993.0	-1043000.0	12.3
175.15	1782.4	-25.8	-74.9	30993.0	-1120000.0	13.3
175.16	1834.8	-66.4	106.9	79673.0	-1057000.0	12.5
175.17	1773.6	66.8	-82.2	-80205.0	-1103000.0	13.1
175.18	1820.4	25.4	50.2	-30461.0	-1047000.0	12.4
175.19	1785.2	-25.4	-50.2	30461.0	-1117000.0	13.2
175.20	1832.0	-66.8	82.2	80205.0	-1061000.0	12.6

175.21	1709.9	267.3	-315.2	-320796.0	-1193000.0	14.1
175.22	1884.6	132.1	290.8	-158531.0	-983582.0	11.6
175.23	1721.1	-132.1	-290.8	158531.0	-1180000.0	14.0
175.24	1895.7	-267.3	315.2	320796.0	-970207.0	11.5
175.25	1713.7	81.4	-307.8	-97732.0	-1184000.0	14.0
175.26	1888.4	-53.8	298.2	64533.0	-974811.1	11.5
175.27	1717.2	53.8	-298.2	-64533.0	-1189000.0	14.1
175.28	1891.9	-81.4	307.8	97732.0	-978978.0	11.6
175.29	1719.3	268.8	-232.7	-322570.0	-1182000.0	14.0
175.30	1875.2	130.6	208.3	-156757.0	-994829.0	11.8
175.31	1730.4	-130.6	-208.3	156757.0	-1169000.0	13.8
175.32	1886.3	-268.8	232.7	322570.0	-981453.0	11.6
175.33	1723.1	82.9	-225.3	-99506.0	-1173000.0	13.9
175.34	1879.0	-55.3	215.7	66306.0	-986057.0	11.7
175.35	1726.6	55.3	-215.7	-66306.0	-1177000.0	13.9
175.36	1882.5	-82.9	225.3	99506.0	-990225.0	11.7
176.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
176.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
176.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
176.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
176.5	1790.7	694.8	-130.2	-833809.9	-1137000.0	13.5
176.6	1848.6	665.5	61.9	-798594.0	-1067000.0	12.6
176.7	1757.0	-665.5	-61.9	798594.0	-1096000.0	13.0
176.8	1814.9	-694.8	130.2	833809.9	-1027000.0	12.2
176.9	1844.8	700.3	-104.9	-840328.0	-1132000.0	13.4
176.10	1794.6	660.1	36.6	-792076.0	-1072000.0	12.7
176.11	1811.1	-660.1	-36.6	792076.0	-1092000.0	12.9
176.12	1760.8	-700.3	104.9	840328.0	-1031000.0	12.2
176.13	1767.8	61.2	-112.0	-73496.0	-1109000.0	13.1
176.14	1825.7	31.9	80.1	-38280.0	-1040000.0	12.3
176.15	1779.9	-31.9	-80.1	38280.0	-1124000.0	13.3
176.16	1837.8	-61.2	112.0	73496.0	-1054000.0	12.5
176.17	1821.9	66.7	-86.7	-80014.0	-1105000.0	13.1
176.18	1771.6	26.5	54.8	-31762.0	-1044000.0	12.4
176.19	1834.0	-26.5	-54.8	31762.0	-1119000.0	13.2
176.20	1783.7	-66.7	86.7	80014.0	-1059000.0	12.5
176.21	1711.3	253.0	-330.4	-303554.0	-1204000.0	14.2
176.22	1904.4	155.1	309.9	-186167.0	-971886.1	11.5
176.23	1701.2	-155.1	-309.9	186167.0	-1191000.0	14.1
176.24	1894.3	-253.0	330.4	303554.0	-959743.0	11.4
176.25	1704.4	62.9	-325.0	-75460.0	-1195000.0	14.1
176.26	1897.6	-34.9	315.4	41927.0	-963636.1	11.4
176.27	1708.1	34.9	-315.4	-41927.0	-1200000.0	14.2
176.28	1901.2	-62.9	325.0	75460.0	-967994.1	11.5
176.29	1891.6	271.1	-246.0	-325281.0	-1188000.0	14.1
176.30	1724.1	137.0	225.5	-164440.0	-987288.0	11.7
176.31	1881.5	-137.0	-225.5	164440.0	-1176000.0	13.9
176.32	1714.0	-271.1	246.0	325281.0	-975144.1	11.5
176.33	1884.7	81.0	-240.6	-97187.0	-1180000.0	14.0
176.34	1717.3	-53.0	231.0	63654.0	-979037.0	11.6
176.35	1888.3	53.0	-231.0	-63654.0	-1184000.0	14.0
176.36	1720.9	-81.0	240.6	97187.0	-983395.0	11.6
177.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
177.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
177.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
177.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
177.5	1787.2	688.3	-126.5	-825944.1	-1063000.0	12.6
177.6	1848.3	668.7	71.1	-802394.0	-1136000.0	13.4
177.7	1757.3	-668.7	-71.1	802394.0	-1027000.0	12.2
177.8	1818.4	-688.3	126.5	825944.1	-1100000.0	13.0
177.9	1791.0	697.0	-104.3	-836446.0	-1068000.0	12.6
177.10	1844.4	659.9	48.9	-791892.0	-1132000.0	13.4

177.11	1761.2	-659.9	-48.9	791892.0	-1032000.0	12.2
177.12	1814.6	-697.0	104.3	836446.0	-1096000.0	13.0
177.13	1767.2	58.0	-115.5	-69573.0	-1039000.0	12.3
177.14	1828.2	38.4	82.2	-46023.0	-1112000.0	13.2
177.15	1777.4	-38.4	-82.2	46023.0	-1051000.0	12.4
177.16	1838.5	-58.0	115.5	69573.0	-1124000.0	13.3
177.17	1771.0	66.7	-93.3	-80075.0	-1044000.0	12.4
177.18	1824.4	29.6	60.0	-35521.0	-1108000.0	13.1
177.19	1781.2	-29.6	-60.0	35521.0	-1056000.0	12.5
177.20	1834.6	-66.7	93.3	80075.0	-1120000.0	13.3
177.21	1705.5	236.3	-337.7	-283501.0	-964872.0	11.4
177.22	1909.1	170.8	321.1	-205000.0	-1209000.0	14.3
177.23	1696.5	-170.8	-321.1	205000.0	-954130.9	11.3
177.24	1900.2	-236.3	337.7	283501.0	-1198000.0	14.2
177.25	1699.5	47.2	-334.4	-56590.0	-957662.0	11.3
177.26	1903.1	-18.3	324.4	21911.0	-1202000.0	14.2
177.27	1702.5	18.3	-324.4	-21911.0	-961341.0	11.4
177.28	1906.2	-47.2	334.4	56590.0	-1206000.0	14.3
177.29	1718.3	265.4	-263.7	-318507.0	-980255.9	11.6
177.30	1896.3	141.7	247.1	-169994.0	-1194000.0	14.1
177.31	1709.3	-141.7	-247.1	169994.0	-969516.0	11.5
177.32	1887.3	-265.4	263.7	318507.0	-1183000.0	14.0
177.33	1712.3	76.3	-260.4	-91596.0	-973046.0	11.5
177.34	1890.3	-47.4	250.4	56917.0	-1187000.0	14.0
177.35	1715.3	47.4	-250.4	-56917.0	-976726.0	11.6
177.36	1893.3	-76.3	260.4	91596.0	-1190000.0	14.1
178.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
178.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
178.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
178.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
178.5	1752.5	672.9	-119.9	-807472.0	-1071000.0	12.7
178.6	1811.7	661.6	79.0	-793952.0	-1142000.0	13.5
178.7	1793.9	-661.6	-79.0	793952.0	-1021000.0	12.1
178.8	1853.1	-672.9	119.9	807472.0	-1092000.0	12.9
178.9	1754.9	684.0	-104.2	-820848.1	-1074000.0	12.7
178.10	1809.4	650.5	63.3	-780577.0	-1139000.0	13.5
178.11	1796.2	-650.5	-63.3	780577.0	-1024000.0	12.1
178.12	1850.7	-684.0	104.2	820848.1	-1090000.0	12.9
178.13	1768.1	54.9	-117.2	-65882.0	-1052000.0	12.4
178.14	1827.3	43.6	81.6	-52363.0	-1123000.0	13.3
178.15	1778.3	-43.6	-81.6	52363.0	-1040000.0	12.3
178.16	1837.5	-54.9	117.2	65882.0	-1111000.0	13.1
178.17	1770.5	66.0	-101.5	-79258.0	-1055000.0	12.5
178.18	1825.0	32.5	65.9	-38987.0	-1120000.0	13.3
178.19	1780.6	-32.5	-65.9	38987.0	-1043000.0	12.3
178.20	1835.2	-66.0	101.5	79258.0	-1108000.0	13.1
178.21	1697.9	219.0	-337.6	-262746.0	-970700.0	11.5
178.22	1895.3	181.4	325.3	-217682.0	-1208000.0	14.3
178.23	1710.3	-181.4	-325.3	217682.0	-955811.1	11.3
178.24	1907.7	-219.0	337.6	262746.0	-1193000.0	14.1
178.25	1702.6	33.6	-336.8	-40269.0	-965087.0	11.4
178.26	1900.0	-4.0	326.1	4795.0	-1202000.0	14.2
178.27	1705.6	4.0	-326.1	-4795.0	-961425.0	11.4
178.28	1903.0	-33.6	336.8	40269.0	-1198000.0	14.2
178.29	1705.7	256.1	-285.2	-307332.0	-980098.1	11.6
178.30	1887.5	144.2	273.0	-173095.0	-1198000.0	14.2
178.31	1718.2	-144.2	-273.0	173095.0	-965209.0	11.4
178.32	1899.9	-256.1	285.2	307332.0	-1183000.0	14.0
178.33	1710.4	70.7	-284.4	-84855.0	-974484.0	11.5
178.34	1892.1	-41.2	273.8	49382.0	-1193000.0	14.1
178.35	1713.5	41.2	-273.8	-49382.0	-970822.0	11.5
178.36	1895.2	-70.7	284.4	84855.0	-1189000.0	14.1

179.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
179.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
179.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
179.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
179.5	1765.9	660.1	-110.9	-792097.0	-1037000.0	12.3
179.6	1823.4	674.4	83.0	-809327.0	-1106000.0	13.1
179.7	1782.2	-674.4	-83.0	809327.0	-1057000.0	12.5
179.8	1839.7	-660.1	110.9	792097.0	-1126000.0	13.3
179.9	1766.8	679.1	-104.6	-814953.0	-1105000.0	13.1
179.10	1822.5	655.4	76.8	-786471.0	-1038000.0	12.3
179.11	1783.1	-655.4	-76.8	786471.0	-1125000.0	13.3
179.12	1838.8	-679.1	104.6	814953.0	-1058000.0	12.5
179.13	1769.6	42.4	-115.9	-50865.0	-1042000.0	12.3
179.14	1827.1	56.7	78.0	-68095.0	-1111000.0	13.1
179.15	1778.5	-56.7	-78.0	68095.0	-1053000.0	12.5
179.16	1836.0	-42.4	115.9	50865.0	-1122000.0	13.3
179.17	1770.5	61.4	-109.7	-73721.0	-1110000.0	13.1
179.18	1826.2	37.7	71.7	-45239.0	-1043000.0	12.3
179.19	1779.4	-37.7	-71.7	45239.0	-1121000.0	13.3
179.20	1835.2	-61.4	109.7	73721.0	-1054000.0	12.5
179.21	1704.5	176.2	-327.4	-211497.0	-963716.0	11.4
179.22	1896.2	224.1	319.0	-268931.0	-1194000.0	14.1
179.23	1709.4	-224.1	-319.0	268931.0	-969588.9	11.5
179.24	1901.1	-176.2	327.4	211497.0	-1200000.0	14.2
179.25	1705.6	-9.1	-328.9	10873.0	-965042.0	11.4
179.26	1897.3	38.8	317.5	-46561.0	-1195000.0	14.1
179.27	1708.3	-38.8	-317.5	46561.0	-968263.9	11.5
179.28	1900.0	9.1	328.9	-10873.0	-1198000.0	14.2
179.29	1707.4	239.7	-306.5	-287684.0	-1190000.0	14.1
179.30	1893.3	160.6	298.1	-192744.0	-967221.0	11.4
179.31	1712.3	-160.6	-298.1	192744.0	-1196000.0	14.2
179.32	1898.2	-239.7	306.5	287684.0	-973094.1	11.5
179.33	1708.5	54.4	-308.0	-65314.0	-1192000.0	14.1
179.34	1894.4	-24.7	296.6	29626.0	-968547.0	11.5
179.35	1711.2	24.7	-296.6	-29626.0	-1195000.0	14.1
179.36	1897.1	-54.4	308.0	65314.0	-971769.1	11.5
180.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
180.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
180.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
180.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
180.5	1763.0	686.8	-105.1	-791849.0	-1034000.0	12.2
180.6	1819.0	659.9	77.7	-824179.0	-1101000.0	13.0
180.7	1786.6	-659.9	-77.7	824179.0	-1062000.0	12.6
180.8	1842.6	-686.8	105.1	791849.0	-1129000.0	13.4
180.9	1819.6	679.0	-109.5	-814787.0	-1102000.0	13.0
180.10	1762.4	667.7	82.2	-801241.0	-1033000.0	12.2
180.11	1843.2	-667.7	-82.2	801241.0	-1130000.0	13.4
180.12	1786.1	-679.0	109.5	814787.0	-1062000.0	12.6
180.13	1768.6	62.6	-111.2	-42836.0	-1041000.0	12.3
180.14	1824.5	35.7	71.6	-75167.0	-1108000.0	13.1
180.15	1781.1	-35.7	-71.6	75167.0	-1056000.0	12.5
180.16	1837.1	-62.6	111.2	42836.0	-1123000.0	13.3
180.17	1825.1	54.8	-115.6	-65774.0	-1108000.0	13.1
180.18	1768.0	43.5	76.0	-52229.0	-1040000.0	12.3
180.19	1837.7	-43.5	-76.0	52229.0	-1123000.0	13.3
180.20	1780.5	-54.8	115.6	65774.0	-1055000.0	12.5
180.21	1706.0	246.9	-308.7	-188520.0	-965513.9	11.4
180.22	1892.5	157.1	300.5	-296289.0	-1189000.0	14.1
180.23	1713.1	-157.1	-300.5	296289.0	-974023.1	11.5
180.24	1899.6	-246.9	308.7	188520.0	-1198000.0	14.2
180.25	1707.7	59.7	-310.6	36184.0	-967511.1	11.4
180.26	1894.2	-30.2	298.7	-71585.0	-1191000.0	14.1

180.27	1711.4	30.2	-298.7	71585.0	-972026.0	11.5
180.28	1898.0	-59.7	310.6	-36184.0	-1196000.0	14.2
180.29	1894.5	220.8	-323.5	-264980.0	-1192000.0	14.1
180.30	1704.0	183.2	315.3	-219829.0	-963138.0	11.4
180.31	1901.6	-183.2	-315.3	219829.0	-1200000.0	14.2
180.32	1711.1	-220.8	323.5	264980.0	-971647.0	11.5
180.33	1896.2	33.6	-325.4	-40276.0	-1194000.0	14.1
180.34	1705.7	-4.1	313.5	4875.0	-965134.9	11.4
180.35	1899.9	4.1	-313.5	-4875.0	-1198000.0	14.2
180.36	1709.4	-33.6	325.4	40276.0	-969650.0	11.5
181.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
181.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
181.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
181.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
181.5	1799.9	659.8	-104.4	-791748.0	-1078000.0	12.8
181.6	1854.4	696.5	63.3	-835779.0	-1144000.0	13.5
181.7	1751.2	-696.5	-63.3	835779.0	-1020000.0	12.1
181.8	1805.7	-659.8	104.4	791748.0	-1085000.0	12.8
181.9	1856.5	673.9	-118.7	-808690.0	-1146000.0	13.6
181.10	1797.8	682.4	77.6	-818837.0	-1076000.0	12.7
181.11	1807.8	-682.4	-77.6	818837.0	-1088000.0	12.9
181.12	1749.1	-673.9	118.7	808690.0	-1017000.0	12.0
181.13	1767.1	30.2	-104.0	-36276.0	-1039000.0	12.3
181.14	1821.6	66.9	63.7	-80307.0	-1104000.0	13.1
181.15	1784.0	-66.9	-63.7	80307.0	-1059000.0	12.5
181.16	1838.5	-30.2	104.0	36276.0	-1125000.0	13.3
181.17	1823.7	44.3	-118.3	-53218.0	-1107000.0	13.1
181.18	1765.0	52.8	77.9	-63365.0	-1036000.0	12.3
181.19	1840.6	-52.8	-77.9	63365.0	-1127000.0	13.3
181.20	1781.9	-44.3	118.3	53218.0	-1057000.0	12.5
181.21	1719.2	142.3	-285.7	-170745.0	-981401.0	11.6
181.22	1901.0	264.6	273.3	-317513.0	-1200000.0	14.2
181.23	1704.6	-264.6	-273.3	317513.0	-963869.1	11.4
181.24	1886.4	-142.3	285.7	170745.0	-1182000.0	14.0
181.25	1709.4	-46.6	-285.5	55897.0	-969584.0	11.5
181.26	1891.1	75.7	273.4	-90872.0	-1188000.0	14.1
181.27	1714.5	-75.7	-273.4	90872.0	-975686.1	11.5
181.28	1896.2	46.6	285.5	-55897.0	-1194000.0	14.1
181.29	1908.0	189.3	-333.2	-227218.0	-1208000.0	14.3
181.30	1712.3	217.5	320.9	-261041.0	-973041.0	11.5
181.31	1893.3	-217.5	-320.9	261041.0	-1190000.0	14.1
181.32	1697.7	-189.3	333.2	227218.0	-955509.9	11.3
181.33	1898.1	0.5	-333.1	-576.0	-1196000.0	14.2
181.34	1702.4	28.7	321.0	-34399.0	-961224.0	11.4
181.35	1903.2	-28.7	-321.0	34399.0	-1202000.0	14.2
181.36	1707.5	-0.5	333.1	576.0	-967326.0	11.4
182.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
182.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
182.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
182.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
182.5	1758.3	646.5	-105.2	-775779.0	-1028000.0	12.2
182.6	1811.5	687.1	47.2	-824526.0	-1092000.0	12.9
182.7	1794.1	-687.1	-47.2	824526.0	-1071000.0	12.7
182.8	1847.3	-646.5	105.2	775779.0	-1135000.0	13.4
182.9	1754.6	657.8	-126.6	-789352.0	-1097000.0	13.0
182.10	1815.2	675.8	68.6	-810954.0	-1024000.0	12.1
182.11	1790.5	-675.8	-68.6	810954.0	-1139000.0	13.5
182.12	1851.0	-657.8	126.6	789352.0	-1067000.0	12.6
182.13	1768.2	27.0	-96.4	-32362.0	-1040000.0	12.3
182.14	1821.5	67.6	56.0	-81109.0	-1104000.0	13.1
182.15	1784.1	-67.6	-56.0	81109.0	-1059000.0	12.5
182.16	1837.4	-27.0	96.4	32362.0	-1123000.0	13.3

182.17	1764.6	38.3	-117.8	-45934.0	-1108000.0	13.1
182.18	1825.1	56.3	77.4	-67536.0	-1036000.0	12.3
182.19	1780.5	-56.3	-77.4	67536.0	-1128000.0	13.3
182.20	1841.0	-38.3	117.8	45934.0	-1055000.0	12.5
182.21	1708.7	132.3	-262.7	-158801.0	-968801.0	11.5
182.22	1886.1	267.7	245.2	-321291.0	-1182000.0	14.0
182.23	1719.5	-267.7	-245.2	321291.0	-981697.0	11.6
182.24	1896.9	-132.3	262.7	158801.0	-1195000.0	14.1
182.25	1711.7	-53.5	-260.0	64225.0	-972386.1	11.5
182.26	1889.1	81.9	247.9	-98266.0	-1185000.0	14.0
182.27	1716.5	-81.9	-247.9	98266.0	-978111.1	11.6
182.28	1893.9	53.5	260.0	-64225.0	-1191000.0	14.1
182.29	1696.6	170.0	-334.1	-204042.0	-1196000.0	14.2
182.30	1898.3	230.0	316.7	-276049.0	-954200.0	11.3
182.31	1707.3	-230.0	-316.7	276049.0	-1209000.0	14.3
182.32	1909.0	-170.0	334.1	204042.0	-967095.0	11.4
182.33	1699.6	-15.8	-331.5	18983.0	-1200000.0	14.2
182.34	1901.3	44.2	319.3	-53024.0	-957784.9	11.3
182.35	1704.3	-44.2	-319.3	53024.0	-1206000.0	14.3
182.36	1906.1	15.8	331.5	-18983.0	-963509.9	11.4
183.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
183.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
183.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
183.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
183.5	1763.7	680.6	-107.0	-764115.0	-1069000.0	12.6
183.6	1813.7	636.8	33.1	-816682.0	-1129000.0	13.4
183.7	1791.9	-636.8	-33.1	816682.0	-1035000.0	12.2
183.8	1841.9	-680.6	107.0	764115.0	-1095000.0	13.0
183.9	1759.9	672.2	-132.3	-774123.0	-1064000.0	12.6
183.10	1817.6	645.1	58.3	-806674.0	-1133000.0	13.4
183.11	1788.0	-645.1	-58.3	806674.0	-1030000.0	12.2
183.12	1845.7	-672.2	132.3	774123.0	-1099000.0	13.0
183.13	1783.7	67.9	-90.2	-28862.0	-1059000.0	12.5
183.14	1833.7	24.1	49.9	-81430.0	-1119000.0	13.2
183.15	1771.9	-24.1	-49.9	81430.0	-1045000.0	12.4
183.16	1821.9	-67.9	90.2	28862.0	-1105000.0	13.1
183.17	1779.9	59.5	-115.5	-38871.0	-1054000.0	12.5
183.18	1837.5	32.4	75.1	-71422.0	-1123000.0	13.3
183.19	1768.1	-32.4	-75.1	71422.0	-1040000.0	12.3
183.20	1825.8	-59.5	115.5	38871.0	-1109000.0	13.1
183.21	1715.2	270.6	-244.5	-149507.0	-986705.0	11.7
183.22	1882.0	124.6	222.3	-324732.0	-1187000.0	14.0
183.23	1723.7	-124.6	-222.3	324732.0	-976569.1	11.6
183.24	1890.4	-270.6	244.5	149507.0	-1177000.0	13.9
183.25	1721.2	86.8	-239.5	71069.0	-983758.0	11.6
183.26	1887.9	-59.2	227.4	-104157.0	-1184000.0	14.0
183.27	1717.7	59.2	-227.4	104157.0	-979517.0	11.6
183.28	1884.4	-86.8	239.5	-71069.0	-1180000.0	14.0
183.29	1702.5	242.8	-328.8	-182869.0	-971395.0	11.5
183.30	1894.7	152.4	306.6	-291371.0	-1202000.0	14.2
183.31	1710.9	-152.4	-306.6	291371.0	-961259.9	11.4
183.32	1903.2	-242.8	328.8	182869.0	-1192000.0	14.1
183.33	1708.4	59.0	-323.7	37707.0	-968448.1	11.5
183.34	1900.7	-31.4	311.6	-70795.0	-1199000.0	14.2
183.35	1704.9	31.4	-311.6	70795.0	-964207.0	11.4
183.36	1897.2	-59.0	323.7	-37707.0	-1195000.0	14.1
184.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
184.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
184.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
184.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
184.5	1762.6	648.3	-109.7	-777915.0	-1089000.0	12.9
184.6	1809.3	693.3	21.3	-831909.9	-1033000.0	12.2

184.7	1796.4	-693.3	-21.3	831909.9	-1130000.0	13.4
184.8	1843.0	-648.3	109.7	777915.0	-1074000.0	12.7
184.9	1759.7	651.5	-135.1	-781806.0	-1030000.0	12.2
184.10	1812.2	690.0	46.6	-828019.1	-1093000.0	12.9
184.11	1793.4	-690.0	-46.6	828019.1	-1070000.0	12.7
184.12	1845.9	-651.5	135.1	781806.0	-1133000.0	13.4
184.13	1785.6	23.3	-86.1	-27919.0	-1102000.0	13.0
184.14	1832.2	68.3	44.9	-81915.0	-1046000.0	12.4
184.15	1773.4	-68.3	-44.9	81915.0	-1117000.0	13.2
184.16	1820.1	-23.3	86.1	27919.0	-1061000.0	12.6
184.17	1782.6	26.5	-111.5	-31810.0	-1043000.0	12.3
184.18	1835.1	65.0	70.2	-78024.0	-1106000.0	13.1
184.19	1770.5	-65.0	-70.2	78024.0	-1057000.0	12.5
184.20	1823.0	-26.5	111.5	31810.0	-1120000.0	13.3
184.21	1720.1	126.2	-231.6	-151481.0	-1169000.0	13.8
184.22	1875.4	276.2	205.0	-331466.0	-982380.9	11.6
184.23	1730.2	-276.2	-205.0	331466.0	-1181000.0	14.0
184.24	1885.6	-126.2	231.6	151481.0	-994522.0	11.8
184.25	1726.9	-61.3	-224.5	73518.0	-1173000.0	13.9
184.26	1882.3	88.7	212.1	-106468.0	-986273.1	11.7
184.27	1723.3	-88.7	-212.1	106468.0	-1177000.0	13.9
184.28	1878.7	61.3	224.5	-73518.0	-990629.0	11.7
184.29	1710.3	137.0	-316.1	-164451.0	-970630.9	11.5
184.30	1885.2	265.4	289.5	-318496.0	-1181000.0	14.0
184.31	1720.4	-265.4	-289.5	318496.0	-982772.0	11.6
184.32	1895.4	-137.0	316.1	164451.0	-1193000.0	14.1
184.33	1717.1	-50.5	-309.0	60548.0	-974523.1	11.5
184.34	1892.1	77.9	296.6	-93498.0	-1184000.0	14.0
184.35	1713.5	-77.9	-296.6	93498.0	-978880.0	11.6
184.36	1888.5	50.5	309.0	-60548.0	-1189000.0	14.1
185.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
185.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
185.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
185.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
185.5	1793.6	675.4	-111.9	-760161.0	-1124000.0	13.3
185.6	1838.0	633.5	13.3	-810519.0	-1071000.0	12.7
185.7	1767.6	-633.5	-13.3	810519.0	-1093000.0	12.9
185.8	1812.0	-675.4	111.9	760161.0	-1039000.0	12.3
185.9	1791.8	630.3	-133.8	-756305.0	-1068000.0	12.6
185.10	1839.8	678.6	35.2	-814374.0	-1126000.0	13.3
185.11	1765.8	-678.6	-35.2	814374.0	-1037000.0	12.3
185.12	1813.8	-630.3	133.8	756305.0	-1095000.0	13.0
185.13	1773.0	67.6	-84.5	-30785.0	-1099000.0	13.0
185.14	1817.4	25.7	40.7	-81143.0	-1046000.0	12.4
185.15	1788.2	-25.7	-40.7	81143.0	-1117000.0	13.2
185.16	1832.6	-67.6	84.5	30785.0	-1064000.0	12.6
185.17	1771.2	22.4	-106.4	-26929.0	-1044000.0	12.4
185.18	1819.2	70.8	62.6	-84999.0	-1101000.0	13.0
185.19	1786.4	-70.8	-62.6	84999.0	-1062000.0	12.6
185.20	1834.4	-22.4	106.4	26929.0	-1120000.0	13.3
185.21	1732.7	266.3	-223.4	-151672.0	-1175000.0	13.9
185.22	1880.7	126.4	193.8	-319532.0	-997542.0	11.8
185.23	1724.9	-126.4	-193.8	319532.0	-1166000.0	13.8
185.24	1872.9	-266.3	223.4	151672.0	-988192.0	11.7
185.25	1726.5	83.9	-215.2	67141.0	-1168000.0	13.8
185.26	1874.5	-56.0	202.1	-100720.0	-990130.0	11.7
185.27	1731.1	56.0	-202.1	100720.0	-1173000.0	13.9
185.28	1879.1	-83.9	215.2	-67141.0	-995604.0	11.8
185.29	1726.7	115.7	-296.5	-138819.0	-990375.0	11.7
185.30	1886.7	277.0	266.9	-332384.0	-1182000.0	14.0
185.31	1718.9	-277.0	-266.9	332384.0	-981024.0	11.6
185.32	1878.9	-115.7	296.5	138819.0	-1173000.0	13.9

185.33	1720.5	-66.7	-288.3	79993.0	-982962.0	11.6
185.34	1880.5	94.6	275.1	-113572.0	-1175000.0	13.9
185.35	1725.1	-94.6	-275.1	113572.0	-988437.0	11.7
185.36	1885.1	66.7	288.3	-79993.0	-1180000.0	14.0
186.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
186.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
186.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
186.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
186.5	1758.8	624.7	-112.2	-749659.0	-1029000.0	12.2
186.6	1802.3	660.2	9.2	-792185.0	-1081000.0	12.8
186.7	1803.3	-660.2	-9.2	792185.0	-1082000.0	12.8
186.8	1846.8	-624.7	112.2	749659.0	-1135000.0	13.4
186.9	1802.9	669.8	-129.3	-738101.0	-1028000.0	12.2
186.10	1758.3	615.1	26.2	-803742.0	-1082000.0	12.8
186.11	1847.3	-615.1	-26.2	803742.0	-1082000.0	12.8
186.12	1802.8	-669.8	129.3	738101.0	-1135000.0	13.4
186.13	1770.7	31.2	-84.5	-37485.0	-1043000.0	12.3
186.14	1814.3	66.7	36.9	-80012.0	-1095000.0	13.0
186.15	1791.3	-66.7	-36.9	80012.0	-1068000.0	12.6
186.16	1834.9	-31.2	84.5	37485.0	-1120000.0	13.3
186.17	1814.8	76.3	-101.6	-25928.0	-1043000.0	12.3
186.18	1770.2	21.6	54.0	-91569.0	-1096000.0	13.0
186.19	1835.4	-21.6	-54.0	91569.0	-1067000.0	12.6
186.20	1790.8	-76.3	101.6	25928.0	-1121000.0	13.3
186.21	1723.5	133.7	-217.8	-160399.0	-986553.0	11.7
186.22	1868.7	251.8	186.9	-302154.0	-1161000.0	13.7
186.23	1736.9	-251.8	-186.9	302154.0	-1003000.0	11.9
186.24	1882.1	-133.7	217.8	160399.0	-1177000.0	13.9
186.25	1727.1	-44.4	-209.5	53253.0	-990846.0	11.7
186.26	1872.3	73.8	195.2	-88502.0	-1165000.0	13.8
186.27	1733.3	-73.8	-195.2	88502.0	-998275.0	11.8
186.28	1878.5	44.4	209.5	-53253.0	-1173000.0	13.9
186.29	1870.4	283.9	-274.7	-121875.0	-984526.9	11.7
186.30	1721.8	101.6	243.8	-340678.0	-1163000.0	13.8
186.31	1883.8	-101.6	-243.8	340678.0	-1001000.0	11.8
186.32	1735.2	-283.9	274.7	121875.0	-1179000.0	14.0
186.33	1874.0	105.9	-266.4	91777.0	-988820.0	11.7
186.34	1725.4	-76.5	252.1	-127026.0	-1167000.0	13.8
186.35	1880.2	76.5	-252.1	127026.0	-996249.0	11.8
186.36	1731.6	-105.9	266.4	-91777.0	-1175000.0	13.9
187.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
187.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
187.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
187.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
187.5	1753.7	628.4	-110.6	-754043.0	-1023000.0	12.1
187.6	1797.9	656.2	7.1	-787405.0	-1076000.0	12.7
187.7	1807.7	-656.2	-7.1	787405.0	-1088000.0	12.9
187.8	1851.9	-628.4	110.6	754043.0	-1141000.0	13.5
187.9	1754.5	614.4	-124.5	-737299.0	-1075000.0	12.7
187.10	1797.1	670.1	21.0	-804148.0	-1024000.0	12.1
187.11	1808.5	-670.1	-21.0	804148.0	-1140000.0	13.5
187.12	1851.1	-614.4	124.5	737299.0	-1089000.0	12.9
187.13	1768.9	38.8	-85.2	-46503.0	-1041000.0	12.3
187.14	1813.1	66.6	32.6	-79865.0	-1094000.0	12.9
187.15	1792.5	-66.6	-32.6	79865.0	-1069000.0	12.6
187.16	1836.7	-38.8	85.2	46503.0	-1122000.0	13.3
187.17	1769.7	24.8	-99.0	-29759.0	-1093000.0	12.9
187.18	1812.3	80.5	46.4	-96608.0	-1042000.0	12.3
187.19	1793.3	-80.5	-46.4	96608.0	-1121000.0	13.3
187.20	1835.9	-24.8	99.0	29759.0	-1070000.0	12.7
187.21	1721.1	146.3	-211.8	-175614.0	-983624.0	11.6
187.22	1868.3	239.0	180.7	-286821.0	-1160000.0	13.7

187.23	1737.3	-239.0	-180.7	286821.0	-1003000.0	11.9
187.24	1884.5	-146.3	211.8	175614.0	-1180000.0	14.0
187.25	1725.6	-30.5	-204.2	36648.0	-989094.1	11.7
187.26	1872.9	62.1	188.4	-74559.0	-1166000.0	13.8
187.27	1732.7	-62.1	-188.4	74559.0	-997579.0	11.8
187.28	1880.0	30.5	204.2	-36648.0	-1174000.0	13.9
187.29	1723.8	99.8	-257.9	-119803.0	-1157000.0	13.7
187.30	1865.7	285.5	226.9	-342631.0	-986828.0	11.7
187.31	1739.9	-285.5	-226.9	342631.0	-1177000.0	13.9
187.32	1881.9	-99.8	257.9	119803.0	-1006000.0	11.9
187.33	1728.3	-77.0	-250.3	92459.0	-1163000.0	13.8
187.34	1870.2	108.6	234.5	-130369.0	-992298.1	11.7
187.35	1735.4	-108.6	-234.5	130369.0	-1171000.0	13.9
187.36	1877.3	77.0	250.3	-92459.0	-1001000.0	11.8
188.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
188.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
188.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
188.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
188.5	1761.7	638.1	-110.4	-739844.0	-1032000.0	12.2
188.6	1808.0	616.5	2.8	-765744.0	-1088000.0	12.9
188.7	1797.6	-616.5	-2.8	765744.0	-1075000.0	12.7
188.8	1843.9	-638.1	110.4	739844.0	-1131000.0	13.4
188.9	1763.8	653.3	-125.0	-721610.0	-1035000.0	12.2
188.10	1805.9	601.3	17.4	-783978.0	-1085000.0	12.8
188.11	1799.7	-601.3	-17.4	783978.0	-1078000.0	12.8
188.12	1841.8	-653.3	125.0	721610.0	-1129000.0	13.4
188.13	1769.4	68.4	-87.5	-56164.0	-1042000.0	12.3
188.14	1815.7	46.8	25.8	-82065.0	-1097000.0	13.0
188.15	1789.9	-46.8	-25.8	82065.0	-1066000.0	12.6
188.16	1836.2	-68.4	87.5	56164.0	-1122000.0	13.3
188.17	1771.5	83.6	-102.0	-37931.0	-1044000.0	12.4
188.18	1813.6	31.6	40.3	-100298.0	-1095000.0	13.0
188.19	1792.0	-31.6	-40.3	100298.0	-1069000.0	12.6
188.20	1834.1	-83.6	102.0	37931.0	-1119000.0	13.2
188.21	1720.3	224.2	-204.9	-182671.0	-982699.0	11.6
188.22	1874.5	152.2	172.7	-269006.0	-1168000.0	13.8
188.23	1731.1	-152.2	-172.7	269006.0	-995620.0	11.8
188.24	1885.3	-224.2	204.9	182671.0	-1181000.0	14.0
188.25	1722.6	53.3	-198.0	22433.0	-985463.9	11.7
188.26	1876.8	-18.7	179.5	-63902.0	-1171000.0	13.9
188.27	1728.8	18.7	-179.5	63902.0	-992854.0	11.7
188.28	1883.0	-53.3	198.0	-22433.0	-1178000.0	13.9
188.29	1727.2	274.8	-253.3	-121892.0	-990945.0	11.7
188.30	1867.7	101.6	221.1	-329784.0	-1160000.0	13.7
188.31	1738.0	-101.6	-221.1	329784.0	-1004000.0	11.9
188.32	1878.4	-274.8	253.3	121892.0	-1172000.0	13.9
188.33	1729.5	103.9	-246.4	83211.0	-993711.1	11.8
188.34	1870.0	-69.3	227.9	-124680.0	-1162000.0	13.8
188.35	1735.7	69.3	-227.9	124680.0	-1001000.0	11.8
188.36	1876.1	-103.9	246.4	-83211.0	-1170000.0	13.8
189.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
189.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
189.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
189.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
189.5	1752.4	625.9	-118.7	-726422.0	-1091000.0	12.9
189.6	1795.0	605.4	-10.9	-751024.0	-1142000.0	13.5
189.7	1810.7	-605.4	10.9	751024.0	-1021000.0	12.1
189.8	1853.2	-625.9	118.7	726422.0	-1072000.0	12.7
189.9	1754.1	589.7	-138.2	-707614.0	-1093000.0	12.9
189.10	1793.2	641.5	8.7	-769832.0	-1140000.0	13.5
189.11	1812.4	-641.5	-8.7	769832.0	-1023000.0	12.1
189.12	1851.5	-589.7	138.2	707614.0	-1070000.0	12.7

189.13	1773.5	73.2	-94.5	-63193.0	-1066000.0	12.6
189.14	1816.1	52.7	13.3	-87795.0	-1117000.0	13.2
189.15	1789.6	-52.7	-13.3	87795.0	-1047000.0	12.4
189.16	1832.1	-73.2	94.5	63193.0	-1098000.0	13.0
189.17	1775.2	37.0	-114.1	-44385.0	-1068000.0	12.6
189.18	1814.3	88.8	32.8	-106603.0	-1115000.0	13.2
189.19	1791.3	-88.8	-32.8	106603.0	-1049000.0	12.4
189.20	1830.4	-37.0	114.1	44385.0	-1096000.0	13.0
189.21	1723.1	218.9	-199.0	-180614.0	-1007000.0	11.9
189.22	1865.0	150.5	160.1	-262620.0	-1177000.0	13.9
189.23	1740.6	-150.5	-160.1	262620.0	-986093.0	11.7
189.24	1882.5	-218.9	199.0	180614.0	-1156000.0	13.7
189.25	1729.5	53.0	-191.8	18355.0	-999466.0	11.8
189.26	1871.3	-15.3	167.4	-63651.0	-1170000.0	13.8
189.27	1734.3	15.3	-167.4	63651.0	-993690.1	11.8
189.28	1876.1	-53.0	191.8	-18355.0	-1164000.0	13.8
189.29	1728.9	98.3	-264.2	-117920.0	-1014000.0	12.0
189.30	1859.3	271.1	225.4	-325314.0	-1170000.0	13.8
189.31	1746.3	-271.1	-225.4	325314.0	-992944.1	11.7
189.32	1876.8	-98.3	264.2	117920.0	-1149000.0	13.6
189.33	1735.2	-67.5	-257.0	81049.0	-1006000.0	11.9
189.34	1865.6	105.3	232.6	-126345.0	-1163000.0	13.8
189.35	1740.0	-105.3	-232.6	126345.0	-1001000.0	11.8
189.36	1870.4	67.5	257.0	-81049.0	-1157000.0	13.7
190.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
190.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
190.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
190.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
190.5	1752.6	615.2	-132.7	-738222.0	-1021000.0	12.1
190.6	1791.7	636.7	-33.0	-764079.0	-1068000.0	12.6
190.7	1813.9	-636.7	33.0	764079.0	-1095000.0	13.0
190.8	1853.0	-615.2	132.7	738222.0	-1142000.0	13.5
190.9	1753.5	604.2	-160.7	-725073.0	-1067000.0	12.6
190.10	1790.8	647.7	-5.1	-777227.0	-1023000.0	12.1
190.11	1814.8	-647.7	5.1	777227.0	-1141000.0	13.5
190.12	1852.1	-604.2	160.7	725073.0	-1096000.0	13.0
190.13	1776.1	51.1	-103.2	-61327.0	-1067000.0	12.6
190.14	1815.3	72.7	-3.6	-87184.0	-1114000.0	13.2
190.15	1790.3	-72.7	3.6	87184.0	-1050000.0	12.4
190.16	1829.5	-51.1	103.2	61327.0	-1097000.0	13.0
190.17	1777.1	40.1	-131.2	-48178.0	-1113000.0	13.2
190.18	1814.4	83.6	24.4	-100332.0	-1068000.0	12.6
190.19	1791.3	-83.6	-24.4	100332.0	-1096000.0	13.0
190.20	1828.5	-40.1	131.2	48178.0	-1051000.0	12.4
190.21	1728.3	151.9	-191.0	-182249.0	-992320.0	11.7
190.22	1858.9	223.7	141.3	-268441.0	-1149000.0	13.6
190.23	1746.7	-223.7	-141.3	268441.0	-1014000.0	12.0
190.24	1877.3	-151.9	191.0	182249.0	-1171000.0	13.9
190.25	1735.4	-17.3	-182.2	20820.0	-1006000.0	11.9
190.26	1866.0	54.5	150.1	-65373.0	-1163000.0	13.8
190.27	1739.7	-54.5	-150.1	65373.0	-1001000.0	11.8
190.28	1870.2	17.3	182.2	-20820.0	-1157000.0	13.7
190.29	1731.5	115.4	-284.2	-138422.0	-1145000.0	13.5
190.30	1855.7	260.2	234.5	-312268.0	-996128.0	11.8
190.31	1749.9	-260.2	-234.5	312268.0	-1167000.0	13.8
190.32	1874.1	-115.4	284.2	138422.0	-1018000.0	12.0
190.33	1738.6	-53.9	-275.4	64647.0	-1159000.0	13.7
190.34	1862.8	91.0	243.4	-109200.0	-1010000.0	12.0
190.35	1742.8	-91.0	-243.4	109200.0	-1154000.0	13.7
190.36	1867.0	53.9	275.4	-64647.0	-1005000.0	11.9
191.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
191.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1

191.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
191.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
191.5	1763.1	623.5	-141.0	-748194.0	-1086000.0	12.9
191.6	1799.2	648.9	-52.4	-778727.0	-1129000.0	13.4
191.7	1806.4	-648.9	52.4	778727.0	-1034000.0	12.2
191.8	1842.5	-623.5	141.0	748194.0	-1077000.0	12.7
191.9	1762.9	620.6	-177.9	-744766.0	-1130000.0	13.4
191.10	1799.4	651.8	-15.5	-782155.0	-1086000.0	12.9
191.11	1806.2	-651.8	15.5	782155.0	-1078000.0	12.8
191.12	1842.7	-620.6	177.9	744766.0	-1034000.0	12.2
191.13	1778.5	42.6	-107.0	-51079.0	-1053000.0	12.5
191.14	1814.6	68.0	-18.5	-81612.0	-1096000.0	13.0
191.15	1791.1	-68.0	18.5	81612.0	-1068000.0	12.6
191.16	1827.1	-42.6	107.0	51079.0	-1111000.0	13.1
191.17	1778.3	39.7	-144.0	-47651.0	-1096000.0	13.0
191.18	1814.8	70.9	18.5	-85040.0	-1052000.0	12.4
191.19	1790.9	-70.9	-18.5	85040.0	-1111000.0	13.1
191.20	1827.3	-39.7	144.0	47651.0	-1067000.0	12.6
191.21	1736.2	148.5	-176.6	-178150.0	-1017000.0	12.0
191.22	1856.4	233.3	118.6	-279926.0	-1162000.0	13.8
191.23	1749.2	-233.3	-118.6	279926.0	-1002000.0	11.9
191.24	1869.4	-148.5	176.6	178150.0	-1146000.0	13.6
191.25	1740.8	-25.8	-166.4	30984.0	-1007000.0	11.9
191.26	1861.0	59.0	128.8	-70791.0	-1152000.0	13.6
191.27	1744.6	-59.0	-128.8	70791.0	-1012000.0	12.0
191.28	1864.8	25.8	166.4	-30984.0	-1156000.0	13.7
191.29	1735.6	138.9	-299.8	-166723.0	-1162000.0	13.8
191.30	1857.1	242.8	241.7	-291353.0	-1017000.0	12.0
191.31	1748.5	-242.8	-241.7	291353.0	-1147000.0	13.6
191.32	1870.1	-138.9	299.8	166723.0	-1001000.0	11.8
191.33	1740.2	-35.3	-289.6	42412.0	-1152000.0	13.6
191.34	1861.7	68.5	251.9	-82219.0	-1007000.0	11.9
191.35	1743.9	-68.5	-251.9	82219.0	-1157000.0	13.7
191.36	1865.5	35.3	289.6	-42412.0	-1011000.0	12.0
192.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
192.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
192.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
192.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
192.5	1773.4	657.5	-133.4	-788960.0	-1046000.0	12.4
192.6	1806.3	685.9	-58.0	-823075.0	-1086000.0	12.9
192.7	1799.3	-685.9	58.0	823075.0	-1077000.0	12.7
192.8	1832.2	-657.5	133.4	788960.0	-1117000.0	13.2
192.9	1771.8	661.3	-177.1	-793582.0	-1044000.0	12.4
192.10	1808.0	682.0	-14.2	-818452.0	-1088000.0	12.9
192.11	1797.6	-682.0	14.2	818452.0	-1075000.0	12.7
192.12	1833.8	-661.3	177.1	793582.0	-1119000.0	13.2
192.13	1780.7	30.0	-100.4	-35994.0	-1055000.0	12.5
192.14	1813.5	58.4	-25.0	-70109.0	-1095000.0	13.0
192.15	1792.1	-58.4	25.0	70109.0	-1069000.0	12.6
192.16	1824.9	-30.0	100.4	35994.0	-1108000.0	13.1
192.17	1779.0	33.8	-144.1	-40616.0	-1053000.0	12.5
192.18	1815.2	54.6	18.8	-65487.0	-1097000.0	13.0
192.19	1790.4	-54.6	-18.8	65487.0	-1067000.0	12.6
192.20	1826.6	-33.8	144.1	40616.0	-1110000.0	13.1
192.21	1744.2	154.1	-154.3	-184947.0	-1011000.0	12.0
192.22	1853.7	248.9	96.9	-298663.0	-1143000.0	13.5
192.23	1751.9	-248.9	-96.9	298663.0	-1021000.0	12.1
192.24	1861.5	-154.1	154.3	184947.0	-1152000.0	13.6
192.25	1746.3	-34.1	-144.4	40943.0	-1014000.0	12.0
192.26	1855.9	60.6	106.8	-72774.0	-1145000.0	13.5
192.27	1749.7	-60.6	-106.8	72774.0	-1018000.0	12.0
192.28	1859.3	34.1	144.4	-40943.0	-1149000.0	13.6

192.29	1738.6	167.0	-300.2	-200355.0	-1005000.0	11.9
192.30	1859.2	236.0	242.8	-283256.0	-1149000.0	13.6
192.31	1746.4	-236.0	-242.8	283256.0	-1014000.0	12.0
192.32	1867.0	-167.0	300.2	200355.0	-1159000.0	13.7
192.33	1740.8	-21.3	-290.3	25535.0	-1007000.0	11.9
192.34	1861.4	47.8	252.7	-57366.0	-1152000.0	13.6
192.35	1744.2	-47.8	-252.7	57366.0	-1011000.0	12.0
192.36	1864.8	21.3	290.3	-25535.0	-1156000.0	13.7
193.1	1776.4	0.0	0.0	0.0	-1066000.0	12.6
193.2	3958.0	0.0	0.0	0.0	-2375000.0	28.1
193.3	1366.5	0.0	0.0	0.0	-819893.0	9.7
193.4	3548.1	0.0	0.0	0.0	-2129000.0	25.2
193.5	1798.8	714.7	-103.5	-857655.0	-1112000.0	13.2
193.6	1828.1	741.2	-41.2	-889413.0	-1077000.0	12.7
193.7	1777.5	-741.2	41.2	889413.0	-1086000.0	12.9
193.8	1806.8	-714.7	103.5	857655.0	-1051000.0	12.4
193.9	1795.6	735.8	-150.8	-864148.1	-1073000.0	12.7
193.10	1831.4	720.1	6.2	-882920.0	-1116000.0	13.2
193.11	1774.2	-720.1	-6.2	882920.0	-1047000.0	12.4
193.12	1810.0	-735.8	150.8	864148.1	-1090000.0	12.9
193.13	1783.7	16.8	-79.9	-20195.0	-1094000.0	12.9
193.14	1813.0	43.3	-17.6	-51953.0	-1059000.0	12.5
193.15	1792.6	-43.3	17.6	51953.0	-1105000.0	13.1
193.16	1821.9	-16.8	79.9	20195.0	-1069000.0	12.6
193.17	1780.5	37.9	-127.2	-26688.0	-1055000.0	12.5
193.18	1816.3	22.2	29.8	-45460.0	-1098000.0	13.0
193.19	1789.3	-22.2	-29.8	45460.0	-1066000.0	12.6
193.20	1825.2	-37.9	127.2	26688.0	-1109000.0	13.1
193.21	1757.2	174.3	-125.5	-209131.0	-1144000.0	13.5
193.22	1854.8	262.5	82.1	-314990.0	-1027000.0	12.2
193.23	1750.8	-262.5	-82.1	314990.0	-1136000.0	13.4
193.24	1848.4	-174.3	125.5	209131.0	-1019000.0	12.1
193.25	1752.7	-35.1	-118.5	42107.0	-1139000.0	13.5
193.26	1850.3	53.1	89.2	-63752.0	-1022000.0	12.1
193.27	1755.3	-53.1	-89.2	63752.0	-1142000.0	13.5
193.28	1853.0	35.1	118.5	-42107.0	-1025000.0	12.1
193.29	1746.3	244.5	-283.4	-230774.0	-1014000.0	12.0
193.30	1865.7	192.3	240.0	-293346.0	-1157000.0	13.7
193.31	1739.9	-192.3	-240.0	293346.0	-1006000.0	11.9
193.32	1859.3	-244.5	283.4	230774.0	-1149000.0	13.6
193.33	1741.8	35.1	-276.3	20464.0	-1008000.0	11.9
193.34	1861.2	-17.1	247.1	-42108.0	-1152000.0	13.6
193.35	1744.4	17.1	-247.1	42108.0	-1012000.0	12.0
193.36	1863.9	-35.1	276.3	-20464.0	-1155000.0	13.7
194.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
194.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
194.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
194.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
194.5	1738.4	-110.4	-298.2	132520.0	-1174000.0	13.9
194.6	1744.2	-42.7	-283.4	51188.0	-1167000.0	13.8
194.7	1878.3	42.7	283.4	-51188.0	-1006000.0	11.9
194.8	1884.1	110.4	298.2	-132520.0	-999308.0	11.8
194.9	1745.4	-203.0	-297.5	243648.0	-1176000.0	13.9
194.10	1737.2	50.0	-284.1	-59941.0	-1166000.0	13.8
194.11	1885.2	-50.0	284.1	59941.0	-1008000.0	11.9
194.12	1877.1	203.0	297.5	-243648.0	-997887.0	11.8
194.13	1714.0	31.0	-459.4	118497.0	-1203000.0	14.2
194.14	1719.8	98.7	-444.6	37165.0	-1196000.0	14.2
194.15	1902.6	-98.7	444.6	-37165.0	-977068.0	11.6
194.16	1908.4	-31.0	459.4	-118497.0	-970097.0	11.5
194.17	1721.0	-61.6	-458.7	229626.0	-1205000.0	14.3
194.18	1712.8	191.4	-445.3	-73964.0	-1195000.0	14.1

194.19	1909.6	-191.4	445.3	73964.0	-978490.1	11.6
194.20	1901.4	61.6	458.7	-229626.0	-968676.0	11.5
194.21	1780.5	-135.9	-112.0	163109.0	-1124000.0	13.3
194.22	1799.9	90.0	-62.5	-107997.0	-1100000.0	13.0
194.23	1822.5	-90.0	62.5	107997.0	-1073000.0	12.7
194.24	1841.9	135.9	112.0	-163109.0	-1050000.0	12.4
194.25	1773.2	-93.5	-160.4	158903.0	-1132000.0	13.4
194.26	1792.6	132.4	-110.8	-112204.0	-1109000.0	13.1
194.27	1829.8	-132.4	110.8	112204.0	-1064000.0	12.6
194.28	1849.2	93.5	160.4	-158903.0	-1041000.0	12.3
194.29	1803.9	-444.6	-109.5	533539.0	-1128000.0	13.3
194.30	1776.6	398.7	-65.0	-478426.0	-1096000.0	13.0
194.31	1845.8	-398.7	65.0	478426.0	-1078000.0	12.8
194.32	1818.6	444.6	109.5	-533539.0	-1045000.0	12.4
194.33	1796.6	-402.2	-157.9	529332.0	-1137000.0	13.5
194.34	1769.3	441.1	-113.3	-482633.0	-1104000.0	13.1
194.35	1853.1	-441.1	113.3	482633.0	-1069000.0	12.6
194.36	1825.9	402.2	157.9	-529332.0	-1036000.0	12.3
195.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
195.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
195.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
195.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
195.5	1903.2	9.2	-490.2	-11060.0	-1197000.0	14.2
195.6	1899.7	65.7	-478.9	-78806.0	-1193000.0	14.1
195.7	1722.7	-65.7	478.9	78806.0	-980500.0	11.6
195.8	1719.2	-9.2	490.2	11060.0	-976343.0	11.6
195.9	1898.3	-87.2	-491.2	104626.0	-1199000.0	14.2
195.10	1904.7	162.1	-477.9	-194492.0	-1191000.0	14.1
195.11	1717.8	-162.1	477.9	194492.0	-982263.0	11.6
195.12	1724.2	87.2	491.2	-104626.0	-974580.9	11.5
195.13	1735.2	12.3	-301.9	-14719.0	-995501.0	11.8
195.14	1731.7	68.7	-290.5	-82465.0	-991344.1	11.7
195.15	1890.7	-68.7	290.5	82465.0	-1182000.0	14.0
195.16	1887.2	-12.3	301.9	14719.0	-1178000.0	13.9
195.17	1730.3	-84.1	-302.9	100967.0	-997263.0	11.8
195.18	1736.7	165.1	-289.5	-198151.0	-989580.9	11.7
195.19	1885.8	-165.1	289.5	198151.0	-1184000.0	14.0
195.20	1892.2	84.1	302.9	-100967.0	-1176000.0	13.9
195.21	1844.1	-82.9	-164.3	99431.0	-1126000.0	13.3
195.22	1832.5	105.3	-126.4	-126391.0	-1112000.0	13.2
195.23	1789.9	-105.3	126.4	126391.0	-1061000.0	12.6
195.24	1778.4	82.9	164.3	-99431.0	-1047000.0	12.4
195.25	1793.7	-81.9	-107.8	98333.0	-1066000.0	12.6
195.26	1782.1	106.2	-69.9	-127488.0	-1052000.0	12.4
195.27	1840.3	-106.2	69.9	127488.0	-1122000.0	13.3
195.28	1828.8	81.9	107.8	-98333.0	-1108000.0	13.1
195.29	1827.6	-404.2	-167.7	485050.0	-1132000.0	13.4
195.30	1849.0	426.7	-123.1	-512010.0	-1106000.0	13.1
195.31	1773.5	-426.7	123.1	512010.0	-1067000.0	12.6
195.32	1794.8	404.2	167.7	-485050.0	-1041000.0	12.3
195.33	1777.2	-403.3	-111.1	483952.0	-1072000.0	12.7
195.34	1798.6	427.6	-66.6	-513107.0	-1046000.0	12.4
195.35	1823.9	-427.6	66.6	513107.0	-1128000.0	13.3
195.36	1845.2	403.3	111.1	-483952.0	-1102000.0	13.0
196.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
196.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
196.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
196.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
196.5	1737.3	68.0	-342.8	156041.0	-997975.0	11.8
196.6	1732.4	130.0	-330.3	81563.0	-992211.1	11.7
196.7	1890.0	-130.0	330.3	-81563.0	-1181000.0	14.0
196.8	1885.2	-68.0	342.8	-156041.0	-1175000.0	13.9

196.9	1731.3	-19.8	-342.7	261356.0	-990832.0	11.7
196.10	1738.4	217.8	-330.4	-23752.0	-999354.0	11.8
196.11	1884.0	-217.8	330.4	23752.0	-1174000.0	13.9
196.12	1891.1	19.8	342.7	-261356.0	-1183000.0	14.0
196.13	1718.5	57.8	-432.0	-69373.0	-975483.0	11.5
196.14	1713.7	119.9	-419.4	-143851.0	-969719.1	11.5
196.15	1908.7	-119.9	419.4	143851.0	-1204000.0	14.2
196.16	1903.9	-57.8	432.0	69373.0	-1198000.0	14.2
196.17	1712.6	-30.0	-431.8	35942.0	-968340.1	11.5
196.18	1719.7	207.6	-419.5	-249166.0	-976862.0	11.6
196.19	1902.8	-207.6	419.5	249166.0	-1197000.0	14.2
196.20	1909.9	30.0	431.8	-35942.0	-1205000.0	14.3
196.21	1796.3	-73.7	-121.9	159770.0	-1069000.0	12.6
196.22	1780.3	133.1	-80.0	-88489.0	-1050000.0	12.4
196.23	1842.1	-133.1	80.0	88489.0	-1124000.0	13.3
196.24	1826.1	73.7	121.9	-159770.0	-1105000.0	13.1
196.25	1790.7	-76.8	-148.6	92146.0	-1062000.0	12.6
196.26	1774.7	130.1	-106.8	-156113.0	-1043000.0	12.3
196.27	1847.7	-130.1	106.8	156113.0	-1131000.0	13.4
196.28	1831.7	76.8	148.6	-92146.0	-1111000.0	13.1
196.29	1776.5	-366.3	-121.4	510821.0	-1045000.0	12.4
196.30	1800.1	425.7	-80.5	-439539.0	-1073000.0	12.7
196.31	1822.3	-425.7	80.5	439539.0	-1100000.0	13.0
196.32	1846.0	366.3	121.4	-510821.0	-1128000.0	13.3
196.33	1770.8	-369.3	-148.2	443196.0	-1038000.0	12.3
196.34	1794.5	422.6	-107.2	-507164.0	-1067000.0	12.6
196.35	1827.9	-422.6	107.2	507164.0	-1107000.0	13.1
196.36	1851.6	369.3	148.2	-443196.0	-1135000.0	13.4
197.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
197.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
197.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
197.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
197.5	1733.5	-168.6	-372.7	202331.0	-993479.0	11.8
197.6	1729.8	-102.6	-365.6	123142.0	-989069.1	11.7
197.7	1892.6	102.6	365.6	-123142.0	-1184000.0	14.0
197.8	1888.9	168.6	372.7	-202331.0	-1180000.0	14.0
197.9	1734.8	-250.9	-374.1	301099.0	-994996.0	11.8
197.10	1728.6	-20.3	-364.3	24374.0	-987551.9	11.7
197.11	1893.9	20.3	364.3	-24374.0	-1186000.0	14.0
197.12	1887.7	250.9	374.1	-301099.0	-1178000.0	13.9
197.13	1722.8	98.9	-389.9	-118693.0	-1197000.0	14.2
197.14	1719.1	164.9	-382.8	-197881.0	-1193000.0	14.1
197.15	1903.3	-164.9	382.8	197881.0	-980634.0	11.6
197.16	1899.6	-98.9	389.9	118693.0	-976224.0	11.6
197.17	1724.1	16.6	-391.3	-19924.0	-1199000.0	14.2
197.18	1717.9	247.2	-381.5	-296650.0	-1191000.0	14.1
197.19	1904.6	-247.2	381.5	296650.0	-982151.0	11.6
197.20	1898.4	-16.6	391.3	19924.0	-974707.0	11.5
197.21	1793.5	-150.7	-122.6	180802.0	-1065000.0	12.6
197.22	1781.2	69.3	-99.0	-83160.0	-1051000.0	12.4
197.23	1841.2	-69.3	99.0	83160.0	-1123000.0	13.3
197.24	1829.0	150.7	122.6	-180802.0	-1108000.0	13.1
197.25	1790.3	-70.4	-127.7	84495.0	-1127000.0	13.3
197.26	1778.0	149.6	-104.1	-179467.0	-1112000.0	13.2
197.27	1844.4	-149.6	104.1	179467.0	-1062000.0	12.6
197.28	1832.2	70.4	127.7	-84495.0	-1047000.0	12.4
197.29	1797.7	-425.0	-127.0	510030.0	-1070000.0	12.7
197.30	1777.0	343.7	-94.5	-412388.0	-1046000.0	12.4
197.31	1845.4	-343.7	94.5	412388.0	-1128000.0	13.3
197.32	1824.7	425.0	127.0	-510030.0	-1103000.0	13.1
197.33	1794.5	-344.8	-132.2	413723.0	-1132000.0	13.4
197.34	1773.8	423.9	-99.6	-508695.0	-1107000.0	13.1

197.35	1848.6	-423.9	99.6	508695.0	-1067000.0	12.6
197.36	1827.9	344.8	132.2	-413723.0	-1042000.0	12.3
198.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
198.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
198.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
198.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
198.5	1760.5	-124.5	-187.0	149353.0	-1148000.0	13.6
198.6	1769.2	-55.7	-158.2	66786.0	-1137000.0	13.5
198.7	1853.3	55.7	158.2	-66786.0	-1036000.0	12.3
198.8	1861.9	124.5	187.0	-149353.0	-1026000.0	12.1
198.9	1759.5	-214.4	-184.0	257242.0	-1149000.0	13.6
198.10	1770.2	34.3	-161.2	-41103.0	-1136000.0	13.4
198.11	1852.3	-34.3	161.2	41103.0	-1037000.0	12.3
198.12	1862.9	214.4	184.0	-257242.0	-1025000.0	12.1
198.13	1728.7	-142.1	-399.7	170488.0	-1186000.0	14.0
198.14	1737.3	-73.3	-371.0	87921.0	-1175000.0	13.9
198.15	1885.1	73.3	371.0	-87921.0	-998073.1	11.8
198.16	1893.8	142.1	399.7	-170488.0	-987658.0	11.7
198.17	1727.7	-232.0	-396.8	278378.0	-1187000.0	14.0
198.18	1738.3	16.6	-374.0	-19968.0	-1174000.0	13.9
198.19	1884.1	-16.6	374.0	19968.0	-999263.9	11.8
198.20	1894.8	232.0	396.8	-278378.0	-986467.0	11.7
198.21	1782.8	-141.7	-99.6	170032.0	-1121000.0	13.3
198.22	1811.8	87.7	-3.9	-105191.0	-1086000.0	12.9
198.23	1810.7	-87.7	3.9	105191.0	-1087000.0	12.9
198.24	1839.6	141.7	99.6	-170032.0	-1053000.0	12.5
198.25	1773.3	-147.0	-163.5	176373.0	-1132000.0	13.4
198.26	1802.2	82.4	-67.7	-98850.0	-1098000.0	13.0
198.27	1820.2	-82.4	67.7	98850.0	-1076000.0	12.7
198.28	1849.1	147.0	163.5	-176373.0	-1041000.0	12.3
198.29	1779.5	-441.4	-89.8	529663.0	-1125000.0	13.3
198.30	1815.1	387.4	-13.7	-464821.0	-1082000.0	12.8
198.31	1807.4	-387.4	13.7	464821.0	-1091000.0	12.9
198.32	1842.9	441.4	89.8	-529663.0	-1049000.0	12.4
198.33	1770.0	-446.7	-153.7	536004.0	-1136000.0	13.4
198.34	1805.5	382.1	-77.6	-458481.0	-1094000.0	12.9
198.35	1816.9	-382.1	77.6	458481.0	-1080000.0	12.8
198.36	1852.5	446.7	153.7	-536004.0	-1037000.0	12.3
199.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
199.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
199.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
199.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
199.5	1721.0	-119.5	-467.0	143382.0	-978453.0	11.6
199.6	1723.9	-57.0	-457.6	68383.0	-981948.1	11.6
199.7	1898.5	57.0	457.6	-68383.0	-1192000.0	14.1
199.8	1901.4	119.5	467.0	-143382.0	-1195000.0	14.1
199.9	1721.0	-207.0	-469.2	248439.0	-981957.0	11.6
199.10	1723.9	30.6	-455.3	-36674.0	-978445.0	11.6
199.11	1898.5	-30.6	455.3	36674.0	-1195000.0	14.1
199.12	1901.4	207.0	469.2	-248439.0	-1191000.0	14.1
199.13	1727.5	74.2	-323.0	-89065.0	-1184000.0	14.0
199.14	1730.5	136.7	-313.7	-164063.0	-1187000.0	14.0
199.15	1892.0	-136.7	313.7	164063.0	-986326.0	11.7
199.16	1894.9	-74.2	323.0	89065.0	-989821.0	11.7
199.17	1727.5	-13.3	-325.3	15993.0	-1187000.0	14.0
199.18	1730.5	224.3	-311.4	-269121.0	-1184000.0	14.0
199.19	1892.0	-224.3	311.4	269121.0	-989829.0	11.7
199.20	1894.9	13.3	325.3	-15993.0	-986317.0	11.7
199.21	1779.7	-130.6	-154.3	156763.0	-1049000.0	12.4
199.22	1789.4	77.7	-123.1	-93233.0	-1061000.0	12.6
199.23	1833.0	-77.7	123.1	93233.0	-1113000.0	13.2
199.24	1842.7	130.6	154.3	-156763.0	-1125000.0	13.3

199.25	1781.7	-72.5	-111.1	87029.0	-1110000.0	13.1
199.26	1791.4	135.8	-79.9	-162967.0	-1122000.0	13.3
199.27	1831.0	-135.8	79.9	162967.0	-1051000.0	12.4
199.28	1840.7	72.5	111.1	-87029.0	-1063000.0	12.6
199.29	1779.7	-422.5	-161.8	506954.0	-1061000.0	12.6
199.30	1789.5	369.5	-115.6	-443424.0	-1049000.0	12.4
199.31	1833.0	-369.5	115.6	443424.0	-1125000.0	13.3
199.32	1842.7	422.5	161.8	-506954.0	-1113000.0	13.2
199.33	1781.7	-364.3	-118.6	437220.0	-1122000.0	13.3
199.34	1791.4	427.6	-72.4	-513158.0	-1110000.0	13.1
199.35	1831.0	-427.6	72.4	513158.0	-1063000.0	12.6
199.36	1840.8	364.3	118.6	-437220.0	-1051000.0	12.4
200.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
200.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
200.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
200.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
200.5	1844.1	-109.0	-97.0	130769.0	-1126000.0	13.3
200.6	1839.0	-53.8	-76.1	64514.0	-1120000.0	13.3
200.7	1783.4	53.8	76.1	-64514.0	-1053000.0	12.5
200.8	1778.3	109.0	97.0	-130769.0	-1047000.0	12.4
200.9	1838.1	-194.0	-98.9	232821.0	-1119000.0	13.2
200.10	1845.1	31.3	-74.2	-37538.0	-1127000.0	13.3
200.11	1777.3	-31.3	74.2	37538.0	-1046000.0	12.4
200.12	1784.3	194.0	98.9	-232821.0	-1054000.0	12.5
200.13	1880.9	-130.7	-313.0	156821.0	-1009000.0	11.9
200.14	1875.8	-75.5	-292.1	90566.0	-1003000.0	11.9
200.15	1746.7	75.5	292.1	-90566.0	-1170000.0	13.8
200.16	1741.5	130.7	313.0	-156821.0	-1164000.0	13.8
200.17	1874.8	-215.7	-314.9	258873.0	-1002000.0	11.9
200.18	1881.8	9.6	-290.2	-11486.0	-1010000.0	12.0
200.19	1740.6	-9.6	290.2	11486.0	-1163000.0	13.8
200.20	1747.6	215.7	314.9	-258873.0	-1171000.0	13.9
200.21	1828.8	-116.4	-60.8	139718.0	-1108000.0	13.1
200.22	1811.8	67.6	8.8	-81133.0	-1087000.0	12.9
200.23	1810.6	-67.6	-8.8	81133.0	-1086000.0	12.9
200.24	1793.6	116.4	60.8	-139718.0	-1066000.0	12.6
200.25	1839.9	-122.9	-125.6	147533.0	-1073000.0	12.7
200.26	1822.8	61.1	-56.0	-73317.0	-1052000.0	12.4
200.27	1799.6	-61.1	56.0	73317.0	-1121000.0	13.3
200.28	1782.6	122.9	125.6	-147533.0	-1101000.0	13.0
200.29	1808.6	-399.9	-67.1	479892.0	-1084000.0	12.8
200.30	1832.0	351.1	15.1	-421307.0	-1112000.0	13.2
200.31	1790.4	-351.1	-15.1	421307.0	-1062000.0	12.6
200.32	1813.8	399.9	67.1	-479892.0	-1090000.0	12.9
200.33	1819.7	-406.4	-131.9	487707.0	-1049000.0	12.4
200.34	1843.0	344.6	-49.7	-413491.0	-1077000.0	12.7
200.35	1779.4	-344.6	49.7	413491.0	-1097000.0	13.0
200.36	1802.8	406.4	131.9	-487707.0	-1125000.0	13.3
201.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
201.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
201.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
201.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
201.5	1759.1	-132.0	-223.0	158346.0	-1019000.0	12.1
201.6	1754.9	-59.5	-201.5	71410.0	-1024000.0	12.1
201.7	1867.5	59.5	201.5	-71410.0	-1149000.0	13.6
201.8	1863.3	132.0	223.0	-158346.0	-1154000.0	13.7
201.9	1759.2	-221.8	-221.1	266121.0	-1024000.0	12.1
201.10	1754.8	30.3	-203.3	-36365.0	-1019000.0	12.1
201.11	1867.6	-30.3	203.3	36365.0	-1154000.0	13.7
201.12	1863.2	221.8	221.1	-266121.0	-1149000.0	13.6
201.13	1730.0	-148.9	-422.3	178693.0	-1184000.0	14.0
201.14	1725.7	-76.5	-400.8	91757.0	-1189000.0	14.1

201.15	1896.7	76.5	400.8	-91757.0	-984124.0	11.6
201.16	1892.5	148.9	422.3	-178693.0	-989220.0	11.7
201.17	1730.0	-238.7	-420.4	286468.0	-1189000.0	14.1
201.18	1725.6	13.3	-402.6	-16018.0	-1184000.0	14.0
201.19	1896.8	-13.3	402.6	16018.0	-989309.9	11.7
201.20	1892.4	238.7	420.4	-286468.0	-984034.0	11.6
201.21	1802.0	-149.5	-99.5	179357.0	-1059000.0	12.5
201.22	1787.9	92.0	-27.8	-110430.0	-1076000.0	12.7
201.23	1834.5	-92.0	27.8	110430.0	-1098000.0	13.0
201.24	1820.4	149.5	99.5	-179357.0	-1115000.0	13.2
201.25	1793.3	-154.6	-159.3	185461.0	-1108000.0	13.1
201.26	1779.1	86.9	-87.6	-104326.0	-1125000.0	13.3
201.27	1843.3	-86.9	87.6	104326.0	-1048000.0	12.4
201.28	1829.1	154.6	159.3	-185461.0	-1065000.0	12.6
201.29	1802.3	-448.8	-93.4	538607.0	-1076000.0	12.7
201.30	1787.6	391.4	-33.9	-469680.0	-1058000.0	12.5
201.31	1834.8	-391.4	33.9	469680.0	-1115000.0	13.2
201.32	1820.1	448.8	93.4	-538607.0	-1097000.0	13.0
201.33	1793.5	-453.9	-153.2	544711.0	-1126000.0	13.3
201.34	1778.9	386.3	-93.7	-463576.0	-1108000.0	13.1
201.35	1843.6	-386.3	93.7	463576.0	-1066000.0	12.6
201.36	1828.9	453.9	153.2	-544711.0	-1048000.0	12.4
202.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
202.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
202.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
202.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
202.5	1884.6	-90.7	-324.7	108862.0	-998629.0	11.8
202.6	1888.0	-31.3	-310.1	37510.0	-994609.0	11.8
202.7	1734.4	31.3	310.1	-37510.0	-1179000.0	14.0
202.8	1737.8	90.7	324.7	-108862.0	-1175000.0	13.9
202.9	1888.3	-185.3	-323.7	222354.0	-998988.0	11.8
202.10	1884.3	63.3	-311.0	-75982.0	-994251.0	11.8
202.11	1738.1	-63.3	311.0	75982.0	-1179000.0	14.0
202.12	1734.1	185.3	323.7	-222354.0	-1174000.0	13.9
202.13	1711.1	-65.3	-457.0	78328.0	-1207000.0	14.3
202.14	1714.5	-5.8	-442.3	6976.0	-1203000.0	14.2
202.15	1908.0	5.8	442.3	-6976.0	-970642.0	11.5
202.16	1911.3	65.3	457.0	-78328.0	-966622.0	11.4
202.17	1714.8	-159.8	-456.0	191820.0	-1207000.0	14.3
202.18	1710.8	88.8	-443.3	-106516.0	-1202000.0	14.2
202.19	1911.6	-88.8	443.3	106516.0	-971000.0	11.5
202.20	1907.7	159.8	456.0	-191820.0	-966263.0	11.4
202.21	1828.2	-117.4	-119.6	140876.0	-1066000.0	12.6
202.22	1839.3	80.8	-70.8	-96964.0	-1053000.0	12.5
202.23	1783.1	-80.8	70.8	96964.0	-1120000.0	13.3
202.24	1794.3	117.4	119.6	-140876.0	-1107000.0	13.1
202.25	1776.1	-109.8	-159.3	131715.0	-1129000.0	13.4
202.26	1787.3	88.4	-110.5	-106125.0	-1115000.0	13.2
202.27	1835.2	-88.4	110.5	106125.0	-1058000.0	12.5
202.28	1846.3	109.8	159.3	-131715.0	-1045000.0	12.4
202.29	1840.3	-432.7	-116.4	519183.0	-1068000.0	12.6
202.30	1827.2	396.1	-74.0	-475271.0	-1052000.0	12.4
202.31	1795.3	-396.1	74.0	475271.0	-1122000.0	13.3
202.32	1782.1	432.7	116.4	-519183.0	-1106000.0	13.1
202.33	1788.3	-425.0	-156.1	510022.0	-1130000.0	13.4
202.34	1775.1	403.7	-113.7	-484431.0	-1114000.0	13.2
202.35	1847.3	-403.7	113.7	484431.0	-1059000.0	12.5
202.36	1834.2	425.0	156.1	-510022.0	-1043000.0	12.3
203.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
203.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
203.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
203.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3

203.5	1790.2	55.1	-60.0	131283.0	-1121000.0	13.3
203.6	1782.8	109.4	-47.5	66143.0	-1112000.0	13.2
203.7	1839.6	-109.4	47.5	-66143.0	-1061000.0	12.6
203.8	1832.3	-55.1	60.0	-131283.0	-1053000.0	12.5
203.9	1791.1	-28.3	-62.4	231380.0	-1122000.0	13.3
203.10	1781.9	192.8	-45.1	-33954.0	-1111000.0	13.1
203.11	1840.6	-192.8	45.1	33954.0	-1063000.0	12.6
203.12	1831.3	28.3	62.4	-231380.0	-1052000.0	12.4
203.13	1750.6	76.3	-254.4	156724.0	-1014000.0	12.0
203.14	1743.2	130.6	-241.9	91584.0	-1005000.0	11.9
203.15	1879.2	-130.6	241.9	-91584.0	-1168000.0	13.8
203.16	1871.8	-76.3	254.4	-156724.0	-1159000.0	13.7
203.17	1751.5	-7.1	-256.8	256821.0	-1015000.0	12.0
203.18	1742.3	214.0	-239.5	-8513.0	-1004000.0	11.9
203.19	1880.1	-214.0	239.5	8513.0	-1169000.0	13.8
203.20	1870.9	7.1	256.8	-256821.0	-1158000.0	13.7
203.21	1816.1	-65.8	-36.9	138181.0	-1110000.0	13.1
203.22	1791.5	115.2	4.6	-78953.0	-1081000.0	12.8
203.23	1830.9	-115.2	-4.6	78953.0	-1093000.0	12.9
203.24	1806.4	65.8	36.9	-138181.0	-1063000.0	12.6
203.25	1804.2	-59.4	-95.2	145813.0	-1078000.0	12.8
203.26	1779.7	121.5	-53.7	-71321.0	-1049000.0	12.4
203.27	1842.8	-121.5	53.7	71321.0	-1125000.0	13.3
203.28	1818.2	59.4	95.2	-145813.0	-1095000.0	13.0
203.29	1819.2	-343.8	-44.9	471837.0	-1114000.0	13.2
203.30	1788.4	393.2	12.7	-412609.0	-1077000.0	12.7
203.31	1834.1	-393.2	-12.7	412609.0	-1096000.0	13.0
203.32	1803.2	343.8	44.9	-471837.0	-1059000.0	12.5
203.33	1807.3	-337.5	-103.3	479469.0	-1082000.0	12.8
203.34	1776.5	399.6	-45.6	-404977.0	-1045000.0	12.4
203.35	1845.9	-399.6	45.6	404977.0	-1128000.0	13.3
203.36	1815.1	337.5	103.3	-479469.0	-1091000.0	12.9
204.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
204.2	3977.3	0.0	0.0	0.0	-2386000.0	28.2
204.3	1372.7	0.0	0.0	0.0	-823612.0	9.7
204.4	3565.5	0.0	0.0	0.0	-2139000.0	25.3
204.5	1737.3	129.2	-336.9	-154996.0	-1006000.0	11.9
204.6	1743.9	191.1	-329.1	-229269.0	-997988.9	11.8
204.7	1878.6	-191.1	329.1	229269.0	-1175000.0	13.9
204.8	1885.2	-129.2	336.9	154996.0	-1168000.0	13.8
204.9	1736.7	39.9	-336.4	-47830.0	-997262.0	11.8
204.10	1744.5	280.4	-329.5	-336435.0	-1007000.0	11.9
204.11	1878.0	-280.4	329.5	336435.0	-1167000.0	13.8
204.12	1885.8	-39.9	336.4	47830.0	-1176000.0	13.9
204.13	1841.4	48.8	-88.6	-58511.0	-1131000.0	13.4
204.14	1848.1	110.7	-80.8	-132784.0	-1123000.0	13.3
204.15	1774.4	-110.7	80.8	132784.0	-1051000.0	12.4
204.16	1781.1	-48.8	88.6	58511.0	-1043000.0	12.3
204.17	1840.8	-40.5	-88.2	48655.0	-1122000.0	13.3
204.18	1848.7	200.0	-81.3	-239950.0	-1132000.0	13.4
204.19	1773.8	-200.0	81.3	239950.0	-1042000.0	12.3
204.20	1781.7	40.5	88.2	-48655.0	-1051000.0	12.4
204.21	1779.0	-55.1	-112.9	66149.0	-1075000.0	12.7
204.22	1801.1	151.2	-86.9	-181428.0	-1048000.0	12.4
204.23	1821.4	-151.2	86.9	181428.0	-1125000.0	13.3
204.24	1843.5	55.1	112.9	-66149.0	-1099000.0	13.0
204.25	1810.2	-79.2	-38.4	95094.0	-1112000.0	13.2
204.26	1832.4	127.1	-12.5	-152482.0	-1085000.0	12.8
204.27	1790.1	-127.1	12.5	152482.0	-1088000.0	12.9
204.28	1812.3	79.2	38.4	-95094.0	-1061000.0	12.6
204.29	1777.0	-352.8	-111.4	423369.0	-1046000.0	12.4
204.30	1803.2	448.9	-88.4	-538648.0	-1077000.0	12.7

204.31	1819.3	-448.9	88.4	538648.0	-1096000.0	13.0
204.32	1845.5	352.8	111.4	-423369.0	-1128000.0	13.3
204.33	1808.2	-376.9	-37.0	452315.0	-1083000.0	12.8
204.34	1834.4	424.8	-13.9	-509703.0	-1115000.0	13.2
204.35	1788.1	-424.8	13.9	509703.0	-1059000.0	12.5
204.36	1814.3	376.9	37.0	-452315.0	-1090000.0	12.9
205.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
205.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
205.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
205.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
205.5	1744.5	148.3	-346.4	-177947.0	-1007000.0	11.9
205.6	1738.1	213.4	-337.0	-256074.0	-998996.0	11.8
205.7	1884.3	-213.4	337.0	256074.0	-1174000.0	13.9
205.8	1878.0	-148.3	346.4	177947.0	-1167000.0	13.8
205.9	1745.4	56.9	-345.5	-68311.0	-1008000.0	11.9
205.10	1737.2	304.8	-337.8	-365710.0	-997875.0	11.8
205.11	1885.3	-304.8	337.8	365710.0	-1176000.0	13.9
205.12	1877.0	-56.9	345.5	68311.0	-1166000.0	13.8
205.13	1769.5	-123.8	-147.1	-70489.0	-1037000.0	12.3
205.14	1763.1	-58.7	-137.7	-148616.0	-1029000.0	12.2
205.15	1859.3	58.7	137.7	148616.0	-1144000.0	13.5
205.16	1852.9	123.8	147.1	70489.0	-1137000.0	13.5
205.17	1770.4	-215.2	-146.2	39147.0	-1038000.0	12.3
205.18	1762.2	32.6	-138.5	-258252.0	-1028000.0	12.2
205.19	1860.2	-32.6	138.5	258252.0	-1146000.0	13.6
205.20	1852.0	215.2	146.2	-39147.0	-1136000.0	13.4
205.21	1800.8	-54.3	-118.1	65108.0	-1074000.0	12.7
205.22	1779.6	162.8	-86.9	-195314.0	-1049000.0	12.4
205.23	1842.8	-162.8	86.9	195314.0	-1125000.0	13.3
205.24	1821.6	54.3	118.1	-65108.0	-1099000.0	13.0
205.25	1808.4	-135.9	-58.3	97345.0	-1083000.0	12.8
205.26	1787.1	81.1	-27.1	-163077.0	-1058000.0	12.5
205.27	1835.3	-81.1	27.1	163077.0	-1116000.0	13.2
205.28	1814.1	135.9	58.3	-97345.0	-1090000.0	12.9
205.29	1804.0	-358.8	-115.4	430562.0	-1078000.0	12.8
205.30	1776.5	467.3	-89.6	-560768.0	-1045000.0	12.4
205.31	1845.9	-467.3	89.6	560768.0	-1128000.0	13.3
205.32	1818.5	358.8	115.4	-430562.0	-1095000.0	13.0
205.33	1811.5	-440.4	-55.6	462799.0	-1087000.0	12.9
205.34	1784.0	385.7	-29.9	-528531.0	-1054000.0	12.5
205.35	1838.4	-385.7	29.9	528531.0	-1119000.0	13.2
205.36	1811.0	440.4	55.6	-462799.0	-1086000.0	12.9
206.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
206.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
206.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
206.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
206.5	1896.0	-164.3	-418.2	197204.0	-1187000.0	14.0
206.6	1895.0	-98.2	-413.8	117855.0	-1188000.0	14.1
206.7	1727.4	98.2	413.8	-117855.0	-984967.0	11.7
206.8	1726.4	164.3	418.2	-197204.0	-986209.9	11.7
206.9	1894.5	-246.5	-421.2	295802.0	-1189000.0	14.1
206.10	1896.5	-16.0	-410.8	19258.0	-1187000.0	14.0
206.11	1725.9	16.0	410.8	-19258.0	-986790.1	11.7
206.12	1727.9	246.5	421.2	-295802.0	-984386.1	11.6
206.13	1725.7	106.5	-349.8	-127835.0	-982863.0	11.6
206.14	1724.7	172.7	-345.4	-207185.0	-984105.0	11.6
206.15	1897.8	-172.7	345.4	207185.0	-1189000.0	14.1
206.16	1896.7	-106.5	349.8	127835.0	-1191000.0	14.1
206.17	1724.2	24.4	-352.8	-29238.0	-984686.1	11.7
206.18	1726.2	254.8	-342.4	-305782.0	-982282.0	11.6
206.19	1896.2	-254.8	342.4	305782.0	-1191000.0	14.1
206.20	1898.3	-24.4	352.8	29238.0	-1189000.0	14.1

206.21	1838.2	-149.6	-132.0	179508.0	-1115000.0	13.2
206.22	1834.8	70.8	-117.6	-84990.0	-1119000.0	13.2
206.23	1787.7	-70.8	117.6	84990.0	-1054000.0	12.5
206.24	1784.2	149.6	132.0	-179508.0	-1058000.0	12.5
206.25	1787.1	-68.3	-111.5	81996.0	-1054000.0	12.5
206.26	1783.7	152.1	-97.0	-182502.0	-1058000.0	12.5
206.27	1838.7	-152.1	97.0	182502.0	-1116000.0	13.2
206.28	1835.3	68.3	111.5	-81996.0	-1120000.0	13.3
206.29	1833.2	-423.5	-142.1	508165.0	-1121000.0	13.3
206.30	1839.8	344.7	-107.5	-413647.0	-1113000.0	13.2
206.31	1782.6	-344.7	107.5	413647.0	-1060000.0	12.5
206.32	1789.3	423.5	142.1	-508165.0	-1052000.0	12.4
206.33	1782.1	-342.2	-121.6	410653.0	-1060000.0	12.5
206.34	1788.7	426.0	-87.0	-511159.0	-1052000.0	12.4
206.35	1833.7	-426.0	87.0	511159.0	-1122000.0	13.3
206.36	1840.4	342.2	121.6	-410653.0	-1114000.0	13.2
207.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
207.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
207.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
207.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
207.5	1734.1	133.1	-403.5	-159727.0	-1004000.0	11.9
207.6	1742.4	198.4	-392.0	-238022.0	-994197.0	11.8
207.7	1880.0	-198.4	392.0	238022.0	-1179000.0	14.0
207.8	1888.3	-133.1	403.5	159727.0	-1169000.0	13.8
207.9	1732.2	40.4	-402.4	-48455.0	-991944.1	11.7
207.10	1744.3	291.1	-393.0	-349294.0	-1006000.0	11.9
207.11	1878.2	-291.1	393.0	349294.0	-1167000.0	13.8
207.12	1890.2	-40.4	402.4	48455.0	-1182000.0	14.0
207.13	1750.9	49.5	-210.3	-59408.0	-1159000.0	13.7
207.14	1759.2	114.8	-198.8	-137703.0	-1149000.0	13.6
207.15	1863.2	-114.8	198.8	137703.0	-1024000.0	12.1
207.16	1871.5	-49.5	210.3	59408.0	-1014000.0	12.0
207.17	1749.0	-43.2	-209.2	51864.0	-1147000.0	13.6
207.18	1761.1	207.5	-199.9	-248976.0	-1161000.0	13.7
207.19	1861.4	-207.5	199.9	248976.0	-1012000.0	12.0
207.20	1873.4	43.2	209.2	-51864.0	-1027000.0	12.2
207.21	1775.5	-59.0	-138.5	70829.0	-1077000.0	12.7
207.22	1803.1	158.5	-100.2	-190154.0	-1044000.0	12.4
207.23	1819.3	-158.5	100.2	190154.0	-1130000.0	13.4
207.24	1846.9	59.0	138.5	-70829.0	-1096000.0	13.0
207.25	1780.6	-84.1	-80.5	100924.0	-1124000.0	13.3
207.26	1808.2	133.4	-42.2	-160058.0	-1090000.0	12.9
207.27	1814.3	-133.4	42.2	160058.0	-1083000.0	12.8
207.28	1841.9	84.1	80.5	-100924.0	-1050000.0	12.4
207.29	1769.3	-368.1	-134.9	441737.0	-1036000.0	12.3
207.30	1809.4	467.6	-103.7	-561062.0	-1085000.0	12.8
207.31	1813.0	-467.6	103.7	561062.0	-1089000.0	12.9
207.32	1853.2	368.1	134.9	-441737.0	-1137000.0	13.5
207.33	1774.3	-393.2	-77.0	471833.0	-1083000.0	12.8
207.34	1814.4	442.5	-45.8	-530966.0	-1131000.0	13.4
207.35	1808.0	-442.5	45.8	530966.0	-1042000.0	12.3
207.36	1848.1	393.2	77.0	-471833.0	-1091000.0	12.9
208.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
208.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
208.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
208.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
208.5	1872.1	53.5	-261.5	150836.0	-1014000.0	12.0
208.6	1875.3	125.7	-245.9	64248.0	-1010000.0	12.0
208.7	1747.1	-125.7	245.9	-64248.0	-1164000.0	13.8
208.8	1750.3	-53.5	261.5	-150836.0	-1160000.0	13.7
208.9	1871.6	-37.3	-260.9	259791.0	-1009000.0	11.9
208.10	1875.8	216.5	-246.5	-44707.0	-1014000.0	12.0

208.11	1746.6	-216.5	246.5	44707.0	-1159000.0	13.7
208.12	1750.8	37.3	260.9	-259791.0	-1164000.0	13.8
208.13	1898.6	-133.5	-444.6	160145.0	-1195000.0	14.1
208.14	1901.8	-61.3	-428.9	73557.0	-1192000.0	14.1
208.15	1720.6	61.3	428.9	-73557.0	-981823.1	11.6
208.16	1723.8	133.5	444.6	-160145.0	-977996.0	11.6
208.17	1898.1	-224.3	-444.0	269100.0	-1191000.0	14.1
208.18	1902.3	29.5	-429.5	-35398.0	-1196000.0	14.2
208.19	1720.1	-29.5	429.5	35398.0	-977407.0	11.6
208.20	1724.3	224.3	444.0	-269100.0	-982412.0	11.6
208.21	1824.6	-93.4	-102.2	176576.0	-1071000.0	12.7
208.22	1835.3	147.1	-50.0	-112051.0	-1058000.0	12.5
208.23	1787.1	-147.1	50.0	112051.0	-1116000.0	13.2
208.24	1797.8	93.4	102.2	-176576.0	-1103000.0	13.1
208.25	1832.6	-149.5	-157.1	179369.0	-1125000.0	13.3
208.26	1843.2	91.0	-104.9	-109259.0	-1112000.0	13.2
208.27	1779.2	-91.0	104.9	109259.0	-1061000.0	12.6
208.28	1789.8	149.5	157.1	-179369.0	-1048000.0	12.4
208.29	1823.0	-396.0	-100.1	539760.0	-1056000.0	12.5
208.30	1836.9	449.8	-52.1	-475235.0	-1073000.0	12.7
208.31	1785.5	-449.8	52.1	475235.0	-1101000.0	13.0
208.32	1799.4	396.0	100.1	-539760.0	-1118000.0	13.2
208.33	1831.0	-452.1	-155.1	542553.0	-1110000.0	13.1
208.34	1844.9	393.7	-107.0	-472442.0	-1127000.0	13.3
208.35	1777.6	-393.7	107.0	472442.0	-1046000.0	12.4
208.36	1791.5	452.1	155.1	-542553.0	-1063000.0	12.6
209.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
209.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
209.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
209.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
209.5	1726.9	80.6	-465.1	-96727.0	-995829.0	11.8
209.6	1735.5	142.9	-452.4	-171455.0	-985559.0	11.7
209.7	1887.0	-142.9	452.4	171455.0	-1188000.0	14.1
209.8	1895.5	-80.6	465.1	96727.0	-1178000.0	13.9
209.9	1724.5	-14.2	-464.5	17038.0	-998721.0	11.8
209.10	1737.9	237.7	-452.9	-285220.0	-982667.0	11.6
209.11	1884.6	-237.7	452.9	285220.0	-1191000.0	14.1
209.12	1897.9	14.2	464.5	-17038.0	-1175000.0	13.9
209.13	1739.8	-87.8	-266.1	-30581.0	-1011000.0	12.0
209.14	1748.3	-25.5	-253.4	-105308.0	-1001000.0	11.8
209.15	1874.1	25.5	253.4	105308.0	-1172000.0	13.9
209.16	1882.7	87.8	266.1	30581.0	-1162000.0	13.8
209.17	1737.4	-182.6	-265.6	83184.0	-1014000.0	12.0
209.18	1750.7	69.3	-254.0	-219073.0	-998107.0	11.8
209.19	1871.7	-69.3	254.0	219073.0	-1175000.0	13.9
209.20	1885.1	182.6	265.6	-83184.0	-1159000.0	13.7
209.21	1772.9	-70.3	-158.7	84318.0	-1075000.0	12.7
209.22	1801.5	137.3	-116.5	-164773.0	-1041000.0	12.3
209.23	1821.0	-137.3	116.5	164773.0	-1133000.0	13.4
209.24	1849.5	70.3	158.7	-84318.0	-1098000.0	13.0
209.25	1776.8	-120.8	-99.0	104162.0	-1080000.0	12.8
209.26	1805.3	86.8	-56.8	-144929.0	-1045000.0	12.4
209.27	1817.1	-86.8	56.8	144929.0	-1128000.0	13.3
209.28	1845.6	120.8	99.0	-104162.0	-1094000.0	12.9
209.29	1764.9	-386.3	-156.9	463535.0	-1085000.0	12.8
209.30	1809.5	453.3	-118.3	-543990.0	-1031000.0	12.2
209.31	1812.9	-453.3	118.3	543990.0	-1142000.0	13.5
209.32	1857.5	386.3	156.9	-463535.0	-1089000.0	12.9
209.33	1768.8	-436.8	-97.3	483379.0	-1089000.0	12.9
209.34	1813.4	402.8	-58.6	-524146.0	-1036000.0	12.3
209.35	1809.1	-402.8	58.6	524146.0	-1138000.0	13.5
209.36	1853.7	436.8	97.3	-483379.0	-1084000.0	12.8

210.1	1784.5	0.0	0.0	0.0	-1071000.0	12.7
210.2	3977.2	0.0	0.0	0.0	-2386000.0	28.2
210.3	1372.7	0.0	0.0	0.0	-823601.0	9.7
210.4	3565.4	0.0	0.0	0.0	-2139000.0	25.3
210.5	1775.6	42.9	-156.1	125322.0	-1044000.0	12.4
210.6	1766.5	104.4	-124.1	51465.0	-1033000.0	12.2
210.7	1855.9	-104.4	124.1	-51465.0	-1140000.0	13.5
210.8	1846.9	-42.9	156.1	-125322.0	-1130000.0	13.4
210.9	1776.4	-48.5	-153.6	234981.0	-1045000.0	12.4
210.10	1765.7	195.8	-126.7	-58194.0	-1032000.0	12.2
210.11	1856.7	-195.8	126.7	58194.0	-1141000.0	13.5
210.12	1846.1	48.5	153.6	-234981.0	-1129000.0	13.4
210.13	1741.5	-112.5	-380.4	134967.0	-1181000.0	14.0
210.14	1732.4	-50.9	-348.4	61109.0	-1170000.0	13.8
210.15	1890.0	50.9	348.4	-61109.0	-1003000.0	11.9
210.16	1881.0	112.5	380.4	-134967.0	-992133.0	11.7
210.17	1742.2	-203.9	-377.8	244626.0	-1182000.0	14.0
210.18	1731.6	40.5	-350.9	-48550.0	-1169000.0	13.8
210.19	1890.8	-40.5	350.9	48550.0	-1004000.0	11.9
210.20	1880.2	203.9	377.8	-244626.0	-991187.0	11.7
210.21	1814.3	-80.5	-95.4	149613.0	-1090000.0	12.9
210.22	1784.0	124.7	11.3	-96577.0	-1054000.0	12.5
210.23	1838.4	-124.7	-11.3	96577.0	-1119000.0	13.2
210.24	1808.2	80.5	95.4	-149613.0	-1083000.0	12.8
210.25	1804.0	-127.1	-162.7	152507.0	-1132000.0	13.4
210.26	1773.8	78.1	-56.0	-93684.0	-1095000.0	13.0
210.27	1848.6	-78.1	56.0	93684.0	-1078000.0	12.8
210.28	1818.4	127.1	162.7	-152507.0	-1042000.0	12.3
210.29	1816.9	-385.1	-86.9	515144.0	-1094000.0	12.9
210.30	1781.4	429.3	2.9	-462108.0	-1051000.0	12.4
210.31	1841.0	-429.3	-2.9	462108.0	-1122000.0	13.3
210.32	1805.5	385.1	86.9	-515144.0	-1080000.0	12.8
210.33	1806.7	-431.7	-154.2	518038.0	-1135000.0	13.4
210.34	1771.2	382.7	-64.4	-459215.0	-1092000.0	12.9
210.35	1851.2	-382.7	64.4	459215.0	-1081000.0	12.8
210.36	1815.8	431.7	154.2	-518038.0	-1039000.0	12.3
211.1	0.0	0.0	0.0	0.0	0.0	0.0
211.2	0.0	0.0	0.0	0.0	0.0	0.0
211.3	0.0	0.0	0.0	0.0	0.0	0.0
211.4	0.0	0.0	0.0	0.0	0.0	0.0
211.5	-3.7	650.0	-89.9	0.0	0.0	0.0
211.6	-42.3	638.4	39.6	0.0	0.0	0.0
211.7	42.3	-638.4	-39.6	0.0	0.0	0.0
211.8	3.7	-650.0	89.9	0.0	0.0	0.0
211.9	-9.6	652.8	-48.2	0.0	0.0	0.0
211.10	-36.4	635.6	-2.0	0.0	0.0	0.0
211.11	36.4	-635.6	2.0	0.0	0.0	0.0
211.12	9.6	-652.8	48.2	0.0	0.0	0.0
211.13	7.7	20.4	-80.7	0.0	0.0	0.0
211.14	-31.0	8.8	48.8	0.0	0.0	0.0
211.15	31.0	-8.8	-48.8	0.0	0.0	0.0
211.16	-7.7	-20.4	80.7	0.0	0.0	0.0
211.17	1.8	23.1	-39.0	0.0	0.0	0.0
211.18	-25.1	6.0	7.2	0.0	0.0	0.0
211.19	25.1	-6.0	-7.2	0.0	0.0	0.0
211.20	-1.8	-23.1	39.0	0.0	0.0	0.0
211.21	57.5	212.6	-223.3	0.0	0.0	0.0
211.22	-71.3	174.0	208.2	0.0	0.0	0.0
211.23	71.3	-174.0	-208.2	0.0	0.0	0.0
211.24	-57.5	-212.6	223.3	0.0	0.0	0.0
211.25	60.9	23.7	-220.5	0.0	0.0	0.0
211.26	-67.9	-14.9	211.0	0.0	0.0	0.0

211.27	67.9	14.9	-211.0	0.0	0.0	0.0
211.28	-60.9	-23.7	220.5	0.0	0.0	0.0
211.29	37.8	221.8	-84.6	0.0	0.0	0.0
211.30	-51.6	164.7	69.5	0.0	0.0	0.0
211.31	51.6	-164.7	-69.5	0.0	0.0	0.0
211.32	-37.8	-221.8	84.6	0.0	0.0	0.0
211.33	41.2	32.9	-81.8	0.0	0.0	0.0
211.34	-48.2	-24.2	72.2	0.0	0.0	0.0
211.35	48.2	24.2	-72.2	0.0	0.0	0.0
211.36	-41.2	-32.9	81.8	0.0	0.0	0.0
212.1	0.0	0.0	0.0	0.0	0.0	0.0
212.2	0.0	0.0	0.0	0.0	0.0	0.0
212.3	0.0	0.0	0.0	0.0	0.0	0.0
212.4	0.0	0.0	0.0	0.0	0.0	0.0
212.5	30.8	726.1	-140.4	0.0	0.0	0.0
212.6	-11.8	706.6	12.4	0.0	0.0	0.0
212.7	11.8	-706.6	-12.4	0.0	0.0	0.0
212.8	-30.8	-726.1	140.4	0.0	0.0	0.0
212.9	26.0	730.6	-94.7	0.0	0.0	0.0
212.10	-7.0	702.2	-33.3	0.0	0.0	0.0
212.11	7.0	-702.2	33.3	0.0	0.0	0.0
212.12	-26.0	-730.6	94.7	0.0	0.0	0.0
212.13	29.0	39.5	-113.9	0.0	0.0	0.0
212.14	-13.6	20.0	39.0	0.0	0.0	0.0
212.15	13.6	-20.0	-39.0	0.0	0.0	0.0
212.16	-29.0	-39.5	113.9	0.0	0.0	0.0
212.17	24.2	43.9	-68.2	0.0	0.0	0.0
212.18	-8.8	15.5	-6.7	0.0	0.0	0.0
212.19	8.8	-15.5	6.7	0.0	0.0	0.0
212.20	-24.2	-43.9	68.2	0.0	0.0	0.0
212.21	73.8	247.5	-274.0	0.0	0.0	0.0
212.22	-68.1	182.4	235.6	0.0	0.0	0.0
212.23	68.1	-182.4	-235.6	0.0	0.0	0.0
212.24	-73.8	-247.5	274.0	0.0	0.0	0.0
212.25	73.3	41.5	-266.0	0.0	0.0	0.0
212.26	-68.7	-23.6	243.5	0.0	0.0	0.0
212.27	68.7	23.6	-243.5	0.0	0.0	0.0
212.28	-73.3	-41.5	266.0	0.0	0.0	0.0
212.29	57.8	262.3	-121.6	0.0	0.0	0.0
212.30	-52.1	167.6	83.2	0.0	0.0	0.0
212.31	52.1	-167.6	-83.2	0.0	0.0	0.0
212.32	-57.8	-262.3	121.6	0.0	0.0	0.0
212.33	57.3	56.3	-113.6	0.0	0.0	0.0
212.34	-52.7	-38.4	91.2	0.0	0.0	0.0
212.35	52.7	38.4	-91.2	0.0	0.0	0.0
212.36	-57.3	-56.3	113.6	0.0	0.0	0.0
213.1	0.0	0.0	0.0	0.0	0.0	0.0
213.2	0.0	0.0	0.0	0.0	0.0	0.0
213.3	0.0	0.0	0.0	0.0	0.0	0.0
213.4	0.0	0.0	0.0	0.0	0.0	0.0
213.5	-9.7	686.3	-163.6	0.0	0.0	0.0
213.6	32.0	665.6	-2.0	0.0	0.0	0.0
213.7	-32.0	-665.6	2.0	0.0	0.0	0.0
213.8	9.7	-686.3	163.6	0.0	0.0	0.0
213.9	29.0	690.8	-120.2	0.0	0.0	0.0
213.10	-6.8	661.2	-45.5	0.0	0.0	0.0
213.11	6.8	-661.2	45.5	0.0	0.0	0.0
213.12	-29.0	-690.8	120.2	0.0	0.0	0.0
213.13	-13.9	53.8	-129.7	0.0	0.0	0.0
213.14	27.8	33.1	31.9	0.0	0.0	0.0
213.15	-27.8	-33.1	-31.9	0.0	0.0	0.0
213.16	13.9	-53.8	129.7	0.0	0.0	0.0

213.17	24.8	58.3	-86.3	0.0	0.0	0.0
213.18	-11.0	28.6	-11.6	0.0	0.0	0.0
213.19	11.0	-28.6	11.6	0.0	0.0	0.0
213.20	-24.8	-58.3	86.3	0.0	0.0	0.0
213.21	-66.1	237.3	-294.2	0.0	0.0	0.0
213.22	72.8	168.3	244.5	0.0	0.0	0.0
213.23	-72.8	-168.3	-244.5	0.0	0.0	0.0
213.24	66.1	-237.3	294.2	0.0	0.0	0.0
213.25	-67.4	47.5	-284.0	0.0	0.0	0.0
213.26	71.6	-21.5	254.7	0.0	0.0	0.0
213.27	-71.6	21.5	-254.7	0.0	0.0	0.0
213.28	67.4	-47.5	284.0	0.0	0.0	0.0
213.29	63.0	252.2	-149.3	0.0	0.0	0.0
213.30	-56.3	153.4	99.7	0.0	0.0	0.0
213.31	56.3	-153.4	-99.7	0.0	0.0	0.0
213.32	-63.0	-252.2	149.3	0.0	0.0	0.0
213.33	61.7	62.5	-139.2	0.0	0.0	0.0
213.34	-57.5	-36.4	109.8	0.0	0.0	0.0
213.35	57.5	36.4	-109.8	0.0	0.0	0.0
213.36	-61.7	-62.5	139.2	0.0	0.0	0.0
214.1	0.0	0.0	0.0	0.0	0.0	0.0
214.2	0.0	0.0	0.0	0.0	0.0	0.0
214.3	0.0	0.0	0.0	0.0	0.0	0.0
214.4	0.0	0.0	0.0	0.0	0.0	0.0
214.5	1.5	624.1	-162.1	0.0	0.0	0.0
214.6	-39.1	651.5	1.3	0.0	0.0	0.0
214.7	39.1	-651.5	-1.3	0.0	0.0	0.0
214.8	-1.5	-624.1	162.1	0.0	0.0	0.0
214.9	0.3	650.5	-124.3	0.0	0.0	0.0
214.10	-37.9	625.2	-36.6	0.0	0.0	0.0
214.11	37.9	-625.2	36.6	0.0	0.0	0.0
214.12	-0.3	-650.5	124.3	0.0	0.0	0.0
214.13	12.8	40.0	-129.4	0.0	0.0	0.0
214.14	-27.8	67.4	34.0	0.0	0.0	0.0
214.15	27.8	-67.4	-34.0	0.0	0.0	0.0
214.16	-12.8	-40.0	129.4	0.0	0.0	0.0
214.17	11.6	66.3	-91.5	0.0	0.0	0.0
214.18	-26.6	41.1	-3.8	0.0	0.0	0.0
214.19	26.6	-41.1	3.8	0.0	0.0	0.0
214.20	-11.6	-66.3	91.5	0.0	0.0	0.0
214.21	62.0	145.7	-296.5	0.0	0.0	0.0
214.22	-73.3	237.0	248.2	0.0	0.0	0.0
214.23	73.3	-237.0	-248.2	0.0	0.0	0.0
214.24	-62.0	-145.7	296.5	0.0	0.0	0.0
214.25	65.4	-29.6	-286.7	0.0	0.0	0.0
214.26	-69.9	61.8	258.1	0.0	0.0	0.0
214.27	69.9	-61.8	-258.1	0.0	0.0	0.0
214.28	-65.4	29.6	286.7	0.0	0.0	0.0
214.29	58.0	233.5	-170.3	0.0	0.0	0.0
214.30	-69.3	149.2	122.1	0.0	0.0	0.0
214.31	69.3	-149.2	-122.1	0.0	0.0	0.0
214.32	-58.0	-233.5	170.3	0.0	0.0	0.0
214.33	61.4	58.2	-160.5	0.0	0.0	0.0
214.34	-65.9	-26.0	131.9	0.0	0.0	0.0
214.35	65.9	26.0	-131.9	0.0	0.0	0.0
214.36	-61.4	-58.2	160.5	0.0	0.0	0.0
215.1	0.0	0.0	0.0	0.0	0.0	0.0
215.2	0.0	0.0	0.0	0.0	0.0	0.0
215.3	0.0	0.0	0.0	0.0	0.0	0.0
215.4	0.0	0.0	0.0	0.0	0.0	0.0
215.5	-7.9	646.6	-144.4	0.0	0.0	0.0
215.6	-47.9	607.4	13.4	0.0	0.0	0.0

215.7	47.9	-607.4	-13.4	0.0	0.0	0.0
215.8	7.9	-646.6	144.4	0.0	0.0	0.0
215.9	-7.6	616.9	-114.7	0.0	0.0	0.0
215.10	-48.1	637.1	-16.2	0.0	0.0	0.0
215.11	48.1	-637.1	16.2	0.0	0.0	0.0
215.12	7.6	-616.9	114.7	0.0	0.0	0.0
215.13	11.9	79.4	-116.9	0.0	0.0	0.0
215.14	-28.1	40.3	40.8	0.0	0.0	0.0
215.15	28.1	-40.3	-40.8	0.0	0.0	0.0
215.16	-11.9	-79.4	116.9	0.0	0.0	0.0
215.17	12.1	49.7	-87.3	0.0	0.0	0.0
215.18	-28.4	70.0	11.2	0.0	0.0	0.0
215.19	28.4	-70.0	-11.2	0.0	0.0	0.0
215.20	-12.1	-49.7	87.3	0.0	0.0	0.0
215.21	58.3	253.3	-282.6	0.0	0.0	0.0
215.22	-75.0	122.9	243.3	0.0	0.0	0.0
215.23	75.0	-122.9	-243.3	0.0	0.0	0.0
215.24	-58.3	-253.3	282.6	0.0	0.0	0.0
215.25	64.2	83.1	-274.3	0.0	0.0	0.0
215.26	-69.1	-47.2	251.5	0.0	0.0	0.0
215.27	69.1	47.2	-251.5	0.0	0.0	0.0
215.28	-64.2	-83.1	274.3	0.0	0.0	0.0
215.29	59.1	154.3	-183.8	0.0	0.0	0.0
215.30	-75.8	221.9	144.5	0.0	0.0	0.0
215.31	75.8	-221.9	-144.5	0.0	0.0	0.0
215.32	-59.1	-154.3	183.8	0.0	0.0	0.0
215.33	65.0	-15.8	-175.5	0.0	0.0	0.0
215.34	-69.9	51.7	152.7	0.0	0.0	0.0
215.35	69.9	-51.7	-152.7	0.0	0.0	0.0
215.36	-65.0	15.8	175.5	0.0	0.0	0.0
216.1	0.0	0.0	0.0	0.0	0.0	0.0
216.2	0.0	0.0	0.0	0.0	0.0	0.0
216.3	0.0	0.0	0.0	0.0	0.0	0.0
216.4	0.0	0.0	0.0	0.0	0.0	0.0
216.5	-6.0	648.7	-124.8	0.0	0.0	0.0
216.6	-46.6	600.6	23.9	0.0	0.0	0.0
216.7	46.6	-600.6	-23.9	0.0	0.0	0.0
216.8	6.0	-648.7	124.8	0.0	0.0	0.0
216.9	-4.8	633.9	-103.6	0.0	0.0	0.0
216.10	-47.8	615.4	2.7	0.0	0.0	0.0
216.11	47.8	-615.4	-2.7	0.0	0.0	0.0
216.12	4.8	-633.9	103.6	0.0	0.0	0.0
216.13	27.9	84.6	-100.5	0.0	0.0	0.0
216.14	-12.6	36.5	48.2	0.0	0.0	0.0
216.15	12.6	-36.5	-48.2	0.0	0.0	0.0
216.16	-27.9	-84.6	100.5	0.0	0.0	0.0
216.17	29.2	69.8	-79.3	0.0	0.0	0.0
216.18	-13.9	51.3	27.0	0.0	0.0	0.0
216.19	13.9	-51.3	-27.0	0.0	0.0	0.0
216.20	-29.2	-69.8	79.3	0.0	0.0	0.0
216.21	59.8	267.6	-263.0	0.0	0.0	0.0
216.22	-75.5	107.2	232.7	0.0	0.0	0.0
216.23	75.5	-107.2	-232.7	0.0	0.0	0.0
216.24	-59.8	-267.6	263.0	0.0	0.0	0.0
216.25	69.9	98.4	-255.7	0.0	0.0	0.0
216.26	-65.4	-62.1	240.0	0.0	0.0	0.0
216.27	65.4	62.1	-240.0	0.0	0.0	0.0
216.28	-69.9	-98.4	255.7	0.0	0.0	0.0
216.29	63.9	218.3	-192.2	0.0	0.0	0.0
216.30	-79.7	156.5	161.9	0.0	0.0	0.0
216.31	79.7	-156.5	-161.9	0.0	0.0	0.0
216.32	-63.9	-218.3	192.2	0.0	0.0	0.0

216.33	74.1	49.1	-184.9	0.0	0.0	0.0
216.34	-69.5	-12.7	169.2	0.0	0.0	0.0
216.35	69.5	12.7	-169.2	0.0	0.0	0.0
216.36	-74.1	-49.1	184.9	0.0	0.0	0.0
217.1	0.0	0.0	0.0	0.0	0.0	0.0
217.2	0.0	0.0	0.0	0.0	0.0	0.0
217.3	0.0	0.0	0.0	0.0	0.0	0.0
217.4	0.0	0.0	0.0	0.0	0.0	0.0
217.5	5.9	653.5	-117.7	0.0	0.0	0.0
217.6	-36.8	603.9	25.2	0.0	0.0	0.0
217.7	36.8	-603.9	-25.2	0.0	0.0	0.0
217.8	-5.9	-653.5	117.7	0.0	0.0	0.0
217.9	7.6	638.4	-102.1	0.0	0.0	0.0
217.10	-38.5	619.1	9.6	0.0	0.0	0.0
217.11	38.5	-619.1	-9.6	0.0	0.0	0.0
217.12	-7.6	-638.4	102.1	0.0	0.0	0.0
217.13	27.9	81.0	-90.6	0.0	0.0	0.0
217.14	-14.7	31.4	52.3	0.0	0.0	0.0
217.15	14.7	-31.4	-52.3	0.0	0.0	0.0
217.16	-27.9	-81.0	90.6	0.0	0.0	0.0
217.17	29.6	65.8	-75.0	0.0	0.0	0.0
217.18	-16.4	46.5	36.7	0.0	0.0	0.0
217.19	16.4	-46.5	-36.7	0.0	0.0	0.0
217.20	-29.6	-65.8	75.0	0.0	0.0	0.0
217.21	66.4	271.2	-252.0	0.0	0.0	0.0
217.22	-75.7	106.0	224.2	0.0	0.0	0.0
217.23	75.7	-106.0	-224.2	0.0	0.0	0.0
217.24	-66.4	-271.2	252.0	0.0	0.0	0.0
217.25	73.0	99.4	-243.8	0.0	0.0	0.0
217.26	-69.1	-65.7	232.3	0.0	0.0	0.0
217.27	69.1	65.7	-232.3	0.0	0.0	0.0
217.28	-73.0	-99.4	243.8	0.0	0.0	0.0
217.29	72.1	220.8	-200.1	0.0	0.0	0.0
217.30	-81.4	156.5	172.4	0.0	0.0	0.0
217.31	81.4	-156.5	-172.4	0.0	0.0	0.0
217.32	-72.1	-220.8	200.1	0.0	0.0	0.0
217.33	78.7	49.0	-192.0	0.0	0.0	0.0
217.34	-74.8	-15.3	180.5	0.0	0.0	0.0
217.35	74.8	15.3	-180.5	0.0	0.0	0.0
217.36	-78.7	-49.0	192.0	0.0	0.0	0.0
218.1	0.0	0.0	0.0	0.0	0.0	0.0
218.2	0.0	0.0	0.0	0.0	0.0	0.0
218.3	0.0	0.0	0.0	0.0	0.0	0.0
218.4	0.0	0.0	0.0	0.0	0.0	0.0
218.5	47.4	670.1	-120.9	0.0	0.0	0.0
218.6	4.9	615.3	23.7	0.0	0.0	0.0
218.7	-4.9	-615.3	-23.7	0.0	0.0	0.0
218.8	-47.4	-670.1	120.9	0.0	0.0	0.0
218.9	48.2	655.2	-107.0	0.0	0.0	0.0
218.10	4.2	630.3	9.7	0.0	0.0	0.0
218.11	-4.2	-630.3	-9.7	0.0	0.0	0.0
218.12	-48.2	-655.2	107.0	0.0	0.0	0.0
218.13	14.2	79.6	-90.1	0.0	0.0	0.0
218.14	-28.3	24.7	54.5	0.0	0.0	0.0
218.15	28.3	-24.7	-54.5	0.0	0.0	0.0
218.16	-14.2	-79.6	90.1	0.0	0.0	0.0
218.17	14.9	64.6	-76.2	0.0	0.0	0.0
218.18	-29.1	39.7	40.6	0.0	0.0	0.0
218.19	29.1	-39.7	-40.6	0.0	0.0	0.0
218.20	-14.9	-64.6	76.2	0.0	0.0	0.0
218.21	78.7	284.2	-255.6	0.0	0.0	0.0
218.22	-63.0	101.4	226.4	0.0	0.0	0.0

218.23	63.0	-101.4	-226.4	0.0	0.0	0.0
218.24	-78.7	-284.2	255.6	0.0	0.0	0.0
218.25	68.7	107.1	-246.3	0.0	0.0	0.0
218.26	-73.0	-75.8	235.6	0.0	0.0	0.0
218.27	73.0	75.8	-235.6	0.0	0.0	0.0
218.28	-68.7	-107.1	246.3	0.0	0.0	0.0
218.29	81.2	234.3	-209.2	0.0	0.0	0.0
218.30	-65.5	151.3	180.0	0.0	0.0	0.0
218.31	65.5	-151.3	-180.0	0.0	0.0	0.0
218.32	-81.2	-234.3	209.2	0.0	0.0	0.0
218.33	71.2	57.1	-199.9	0.0	0.0	0.0
218.34	-75.4	-25.8	189.2	0.0	0.0	0.0
218.35	75.4	25.8	-189.2	0.0	0.0	0.0
218.36	-71.2	-57.1	199.9	0.0	0.0	0.0
219.1	0.0	0.0	0.0	0.0	0.0	0.0
219.2	0.0	0.0	0.0	0.0	0.0	0.0
219.3	0.0	0.0	0.0	0.0	0.0	0.0
219.4	0.0	0.0	0.0	0.0	0.0	0.0
219.5	43.1	678.1	-126.3	0.0	0.0	0.0
219.6	-1.2	623.3	27.7	0.0	0.0	0.0
219.7	1.2	-623.3	-27.7	0.0	0.0	0.0
219.8	-43.1	-678.1	126.3	0.0	0.0	0.0
219.9	42.7	666.7	-109.9	0.0	0.0	0.0
219.10	-0.8	634.7	11.3	0.0	0.0	0.0
219.11	0.8	-634.7	-11.3	0.0	0.0	0.0
219.12	-42.7	-666.7	109.9	0.0	0.0	0.0
219.13	28.0	76.5	-94.5	0.0	0.0	0.0
219.14	-16.3	21.6	59.5	0.0	0.0	0.0
219.15	16.3	-21.6	-59.5	0.0	0.0	0.0
219.16	-28.0	-76.5	94.5	0.0	0.0	0.0
219.17	27.6	65.0	-78.1	0.0	0.0	0.0
219.18	-15.9	33.0	43.1	0.0	0.0	0.0
219.19	15.9	-33.0	-43.1	0.0	0.0	0.0
219.20	-27.6	-65.0	78.1	0.0	0.0	0.0
219.21	80.1	286.6	-271.5	0.0	0.0	0.0
219.22	-67.5	103.8	241.9	0.0	0.0	0.0
219.23	67.5	-103.8	-241.9	0.0	0.0	0.0
219.24	-80.1	-286.6	271.5	0.0	0.0	0.0
219.25	75.5	106.1	-262.0	0.0	0.0	0.0
219.26	-72.0	-76.7	251.5	0.0	0.0	0.0
219.27	72.0	76.7	-251.5	0.0	0.0	0.0
219.28	-75.5	-106.1	262.0	0.0	0.0	0.0
219.29	78.8	248.5	-216.8	0.0	0.0	0.0
219.30	-66.2	141.9	187.2	0.0	0.0	0.0
219.31	66.2	-141.9	-187.2	0.0	0.0	0.0
219.32	-78.8	-248.5	216.8	0.0	0.0	0.0
219.33	74.3	68.0	-207.3	0.0	0.0	0.0
219.34	-70.8	-38.6	196.8	0.0	0.0	0.0
219.35	70.8	38.6	-196.8	0.0	0.0	0.0
219.36	-74.3	-68.0	207.3	0.0	0.0	0.0
220.1	0.0	0.0	0.0	0.0	0.0	0.0
220.2	0.0	0.0	0.0	0.0	0.0	0.0
220.3	0.0	0.0	0.0	0.0	0.0	0.0
220.4	0.0	0.0	0.0	0.0	0.0	0.0
220.5	36.0	692.8	-130.4	0.0	0.0	0.0
220.6	-11.7	642.9	37.6	0.0	0.0	0.0
220.7	11.7	-642.9	-37.6	0.0	0.0	0.0
220.8	-36.0	-692.8	130.4	0.0	0.0	0.0
220.9	34.4	687.1	-109.3	0.0	0.0	0.0
220.10	-10.1	648.7	16.6	0.0	0.0	0.0
220.11	10.1	-648.7	-16.6	0.0	0.0	0.0
220.12	-34.4	-687.1	109.3	0.0	0.0	0.0

220.13	28.5	72.0	-100.7	0.0	0.0	0.0
220.14	-19.2	22.1	67.2	0.0	0.0	0.0
220.15	19.2	-22.1	-67.2	0.0	0.0	0.0
220.16	-28.5	-72.0	100.7	0.0	0.0	0.0
220.17	26.9	66.2	-79.7	0.0	0.0	0.0
220.18	-17.6	27.9	46.2	0.0	0.0	0.0
220.19	17.6	-27.9	-46.2	0.0	0.0	0.0
220.20	-26.9	-66.2	79.7	0.0	0.0	0.0
220.21	83.1	283.6	-293.8	0.0	0.0	0.0
220.22	-75.9	117.1	266.0	0.0	0.0	0.0
220.23	75.9	-117.1	-266.0	0.0	0.0	0.0
220.24	-83.1	-283.6	293.8	0.0	0.0	0.0
220.25	80.9	97.4	-284.9	0.0	0.0	0.0
220.26	-78.1	-69.1	274.9	0.0	0.0	0.0
220.27	78.1	69.1	-274.9	0.0	0.0	0.0
220.28	-80.9	-97.4	284.9	0.0	0.0	0.0
220.29	77.8	264.3	-223.8	0.0	0.0	0.0
220.30	-70.5	136.4	195.9	0.0	0.0	0.0
220.31	70.5	-136.4	-195.9	0.0	0.0	0.0
220.32	-77.8	-264.3	223.8	0.0	0.0	0.0
220.33	75.5	78.1	-214.9	0.0	0.0	0.0
220.34	-72.7	-49.8	204.8	0.0	0.0	0.0
220.35	72.7	49.8	-204.8	0.0	0.0	0.0
220.36	-75.5	-78.1	214.9	0.0	0.0	0.0
221.1	0.0	0.0	0.0	0.0	0.0	0.0
221.2	0.0	0.0	0.0	0.0	0.0	0.0
221.3	0.0	0.0	0.0	0.0	0.0	0.0
221.4	0.0	0.0	0.0	0.0	0.0	0.0
221.5	44.8	686.0	-131.6	0.0	0.0	0.0
221.6	-7.6	645.4	50.2	0.0	0.0	0.0
221.7	7.6	-645.4	-50.2	0.0	0.0	0.0
221.8	-44.8	-686.0	131.6	0.0	0.0	0.0
221.9	42.0	686.5	-106.9	0.0	0.0	0.0
221.10	-4.8	645.0	25.4	0.0	0.0	0.0
221.11	4.8	-645.0	-25.4	0.0	0.0	0.0
221.12	-42.0	-686.5	106.9	0.0	0.0	0.0
221.13	32.0	66.4	-106.9	0.0	0.0	0.0
221.14	-20.4	25.8	74.9	0.0	0.0	0.0
221.15	20.4	-25.8	-74.9	0.0	0.0	0.0
221.16	-32.0	-66.4	106.9	0.0	0.0	0.0
221.17	29.2	66.8	-82.2	0.0	0.0	0.0
221.18	-17.6	25.4	50.2	0.0	0.0	0.0
221.19	17.6	-25.4	-50.2	0.0	0.0	0.0
221.20	-29.2	-66.8	82.2	0.0	0.0	0.0
221.21	92.9	267.3	-315.2	0.0	0.0	0.0
221.22	-81.8	132.1	290.8	0.0	0.0	0.0
221.23	81.8	-132.1	-290.8	0.0	0.0	0.0
221.24	-92.9	-267.3	315.2	0.0	0.0	0.0
221.25	89.1	81.4	-307.8	0.0	0.0	0.0
221.26	-85.6	-53.8	298.2	0.0	0.0	0.0
221.27	85.6	53.8	-298.2	0.0	0.0	0.0
221.28	-89.1	-81.4	307.8	0.0	0.0	0.0
221.29	83.5	268.8	-232.7	0.0	0.0	0.0
221.30	-72.4	130.6	208.3	0.0	0.0	0.0
221.31	72.4	-130.6	-208.3	0.0	0.0	0.0
221.32	-83.5	-268.8	232.7	0.0	0.0	0.0
221.33	79.7	82.9	-225.3	0.0	0.0	0.0
221.34	-76.2	-55.3	215.7	0.0	0.0	0.0
221.35	76.2	55.3	-215.7	0.0	0.0	0.0
221.36	-79.7	-82.9	225.3	0.0	0.0	0.0
222.1	0.0	0.0	0.0	0.0	0.0	0.0
222.2	0.0	0.0	0.0	0.0	0.0	0.0

222.3	0.0	0.0	0.0	0.0	0.0	0.0
222.4	0.0	0.0	0.0	0.0	0.0	0.0
222.5	12.1	694.8	-130.2	0.0	0.0	0.0
222.6	-45.8	665.5	61.9	0.0	0.0	0.0
222.7	45.8	-665.5	-61.9	0.0	0.0	0.0
222.8	-12.1	-694.8	130.2	0.0	0.0	0.0
222.9	-42.0	700.3	-104.9	0.0	0.0	0.0
222.10	8.3	660.1	36.6	0.0	0.0	0.0
222.11	-8.3	-660.1	-36.6	0.0	0.0	0.0
222.12	42.0	-700.3	104.9	0.0	0.0	0.0
222.13	35.0	61.2	-112.0	0.0	0.0	0.0
222.14	-22.9	31.9	80.1	0.0	0.0	0.0
222.15	22.9	-31.9	-80.1	0.0	0.0	0.0
222.16	-35.0	-61.2	112.0	0.0	0.0	0.0
222.17	-19.1	66.7	-86.7	0.0	0.0	0.0
222.18	31.2	26.5	54.8	0.0	0.0	0.0
222.19	-31.2	-26.5	-54.8	0.0	0.0	0.0
222.20	19.1	-66.7	86.7	0.0	0.0	0.0
222.21	91.5	253.0	-330.4	0.0	0.0	0.0
222.22	-101.6	155.1	309.9	0.0	0.0	0.0
222.23	101.6	-155.1	-309.9	0.0	0.0	0.0
222.24	-91.5	-253.0	330.4	0.0	0.0	0.0
222.25	98.4	62.9	-325.0	0.0	0.0	0.0
222.26	-94.7	-34.9	315.4	0.0	0.0	0.0
222.27	94.7	34.9	-315.4	0.0	0.0	0.0
222.28	-98.4	-62.9	325.0	0.0	0.0	0.0
222.29	-88.8	271.1	-246.0	0.0	0.0	0.0
222.30	78.7	137.0	225.5	0.0	0.0	0.0
222.31	-78.7	-137.0	-225.5	0.0	0.0	0.0
222.32	88.8	-271.1	246.0	0.0	0.0	0.0
222.33	-81.9	81.0	-240.6	0.0	0.0	0.0
222.34	85.5	-53.0	231.0	0.0	0.0	0.0
222.35	-85.5	53.0	-231.0	0.0	0.0	0.0
222.36	81.9	-81.0	240.6	0.0	0.0	0.0
223.1	0.0	0.0	0.0	0.0	0.0	0.0
223.2	0.0	0.0	0.0	0.0	0.0	0.0
223.3	0.0	0.0	0.0	0.0	0.0	0.0
223.4	0.0	0.0	0.0	0.0	0.0	0.0
223.5	15.6	688.3	-126.5	0.0	0.0	0.0
223.6	-45.5	668.7	71.1	0.0	0.0	0.0
223.7	45.5	-668.7	-71.1	0.0	0.0	0.0
223.8	-15.6	-688.3	126.5	0.0	0.0	0.0
223.9	11.8	697.0	-104.3	0.0	0.0	0.0
223.10	-41.6	659.9	48.9	0.0	0.0	0.0
223.11	41.6	-659.9	-48.9	0.0	0.0	0.0
223.12	-11.8	-697.0	104.3	0.0	0.0	0.0
223.13	35.7	58.0	-115.5	0.0	0.0	0.0
223.14	-25.4	38.4	82.2	0.0	0.0	0.0
223.15	25.4	-38.4	-82.2	0.0	0.0	0.0
223.16	-35.7	-58.0	115.5	0.0	0.0	0.0
223.17	31.8	66.7	-93.3	0.0	0.0	0.0
223.18	-21.6	29.6	60.0	0.0	0.0	0.0
223.19	21.6	-29.6	-60.0	0.0	0.0	0.0
223.20	-31.8	-66.7	93.3	0.0	0.0	0.0
223.21	97.3	236.3	-337.7	0.0	0.0	0.0
223.22	-106.3	170.8	321.1	0.0	0.0	0.0
223.23	106.3	-170.8	-321.1	0.0	0.0	0.0
223.24	-97.3	-236.3	337.7	0.0	0.0	0.0
223.25	103.4	47.2	-334.4	0.0	0.0	0.0
223.26	-100.3	-18.3	324.4	0.0	0.0	0.0
223.27	100.3	18.3	-324.4	0.0	0.0	0.0
223.28	-103.4	-47.2	334.4	0.0	0.0	0.0

223.29	84.5	265.4	-263.7	0.0	0.0	0.0
223.30	-93.5	141.7	247.1	0.0	0.0	0.0
223.31	93.5	-141.7	-247.1	0.0	0.0	0.0
223.32	-84.5	-265.4	263.7	0.0	0.0	0.0
223.33	90.5	76.3	-260.4	0.0	0.0	0.0
223.34	-87.5	-47.4	250.4	0.0	0.0	0.0
223.35	87.5	47.4	-250.4	0.0	0.0	0.0
223.36	-90.5	-76.3	260.4	0.0	0.0	0.0
224.1	0.0	0.0	0.0	0.0	0.0	0.0
224.2	0.0	0.0	0.0	0.0	0.0	0.0
224.3	0.0	0.0	0.0	0.0	0.0	0.0
224.4	0.0	0.0	0.0	0.0	0.0	0.0
224.5	50.3	672.9	-119.9	0.0	0.0	0.0
224.6	-8.9	661.6	79.0	0.0	0.0	0.0
224.7	8.9	-661.6	-79.0	0.0	0.0	0.0
224.8	-50.3	-672.9	119.9	0.0	0.0	0.0
224.9	47.9	684.0	-104.2	0.0	0.0	0.0
224.10	-6.6	650.5	63.3	0.0	0.0	0.0
224.11	6.6	-650.5	-63.3	0.0	0.0	0.0
224.12	-47.9	-684.0	104.2	0.0	0.0	0.0
224.13	34.7	54.9	-117.2	0.0	0.0	0.0
224.14	-24.5	43.6	81.6	0.0	0.0	0.0
224.15	24.5	-43.6	-81.6	0.0	0.0	0.0
224.16	-34.7	-54.9	117.2	0.0	0.0	0.0
224.17	32.3	66.0	-101.5	0.0	0.0	0.0
224.18	-22.2	32.5	65.9	0.0	0.0	0.0
224.19	22.2	-32.5	-65.9	0.0	0.0	0.0
224.20	-32.3	-66.0	101.5	0.0	0.0	0.0
224.21	104.9	219.0	-337.6	0.0	0.0	0.0
224.22	-92.5	181.4	325.3	0.0	0.0	0.0
224.23	92.5	-181.4	-325.3	0.0	0.0	0.0
224.24	-104.9	-219.0	337.6	0.0	0.0	0.0
224.25	100.2	33.6	-336.8	0.0	0.0	0.0
224.26	-97.2	-4.0	326.1	0.0	0.0	0.0
224.27	97.2	4.0	-326.1	0.0	0.0	0.0
224.28	-100.2	-33.6	336.8	0.0	0.0	0.0
224.29	97.1	256.1	-285.2	0.0	0.0	0.0
224.30	-84.7	144.2	273.0	0.0	0.0	0.0
224.31	84.7	-144.2	-273.0	0.0	0.0	0.0
224.32	-97.1	-256.1	285.2	0.0	0.0	0.0
224.33	92.4	70.7	-284.4	0.0	0.0	0.0
224.34	-89.3	-41.2	273.8	0.0	0.0	0.0
224.35	89.3	41.2	-273.8	0.0	0.0	0.0
224.36	-92.4	-70.7	284.4	0.0	0.0	0.0
225.1	0.0	0.0	0.0	0.0	0.0	0.0
225.2	0.0	0.0	0.0	0.0	0.0	0.0
225.3	0.0	0.0	0.0	0.0	0.0	0.0
225.4	0.0	0.0	0.0	0.0	0.0	0.0
225.5	36.9	660.1	-110.9	0.0	0.0	0.0
225.6	-20.6	674.4	83.0	0.0	0.0	0.0
225.7	20.6	-674.4	-83.0	0.0	0.0	0.0
225.8	-36.9	-660.1	110.9	0.0	0.0	0.0
225.9	36.0	679.1	-104.6	0.0	0.0	0.0
225.10	-19.7	655.4	76.8	0.0	0.0	0.0
225.11	19.7	-655.4	-76.8	0.0	0.0	0.0
225.12	-36.0	-679.1	104.6	0.0	0.0	0.0
225.13	33.2	42.4	-115.9	0.0	0.0	0.0
225.14	-24.3	56.7	78.0	0.0	0.0	0.0
225.15	24.3	-56.7	-78.0	0.0	0.0	0.0
225.16	-33.2	-42.4	115.9	0.0	0.0	0.0
225.17	32.4	61.4	-109.7	0.0	0.0	0.0
225.18	-23.4	37.7	71.7	0.0	0.0	0.0

225.19	23.4	-37.7	-71.7	0.0	0.0	0.0
225.20	-32.4	-61.4	109.7	0.0	0.0	0.0
225.21	98.3	176.2	-327.4	0.0	0.0	0.0
225.22	-93.4	224.1	319.0	0.0	0.0	0.0
225.23	93.4	-224.1	-319.0	0.0	0.0	0.0
225.24	-98.3	-176.2	327.4	0.0	0.0	0.0
225.25	97.2	-9.1	-328.9	0.0	0.0	0.0
225.26	-94.5	38.8	317.5	0.0	0.0	0.0
225.27	94.5	-38.8	-317.5	0.0	0.0	0.0
225.28	-97.2	9.1	328.9	0.0	0.0	0.0
225.29	95.4	239.7	-306.5	0.0	0.0	0.0
225.30	-90.5	160.6	298.1	0.0	0.0	0.0
225.31	90.5	-160.6	-298.1	0.0	0.0	0.0
225.32	-95.4	-239.7	306.5	0.0	0.0	0.0
225.33	94.3	54.4	-308.0	0.0	0.0	0.0
225.34	-91.6	-24.7	296.6	0.0	0.0	0.0
225.35	91.6	24.7	-296.6	0.0	0.0	0.0
225.36	-94.3	-54.4	308.0	0.0	0.0	0.0
226.1	0.0	0.0	0.0	0.0	0.0	0.0
226.2	0.0	0.0	0.0	0.0	0.0	0.0
226.3	0.0	0.0	0.0	0.0	0.0	0.0
226.4	0.0	0.0	0.0	0.0	0.0	0.0
226.5	39.8	686.8	-105.1	0.0	0.0	0.0
226.6	-16.2	659.9	77.7	0.0	0.0	0.0
226.7	16.2	-659.9	-77.7	0.0	0.0	0.0
226.8	-39.8	-686.8	105.1	0.0	0.0	0.0
226.9	-16.8	679.0	-109.5	0.0	0.0	0.0
226.10	40.4	667.7	82.2	0.0	0.0	0.0
226.11	-40.4	-667.7	-82.2	0.0	0.0	0.0
226.12	16.8	-679.0	109.5	0.0	0.0	0.0
226.13	34.2	62.6	-111.2	0.0	0.0	0.0
226.14	-21.7	35.7	71.6	0.0	0.0	0.0
226.15	21.7	-35.7	-71.6	0.0	0.0	0.0
226.16	-34.2	-62.6	111.2	0.0	0.0	0.0
226.17	-22.3	54.8	-115.6	0.0	0.0	0.0
226.18	34.8	43.5	76.0	0.0	0.0	0.0
226.19	-34.8	-43.5	-76.0	0.0	0.0	0.0
226.20	22.3	-54.8	115.6	0.0	0.0	0.0
226.21	96.8	246.9	-308.7	0.0	0.0	0.0
226.22	-89.7	157.1	300.5	0.0	0.0	0.0
226.23	89.7	-157.1	-300.5	0.0	0.0	0.0
226.24	-96.8	-246.9	308.7	0.0	0.0	0.0
226.25	95.1	59.7	-310.6	0.0	0.0	0.0
226.26	-91.4	-30.2	298.7	0.0	0.0	0.0
226.27	91.4	30.2	-298.7	0.0	0.0	0.0
226.28	-95.1	-59.7	310.6	0.0	0.0	0.0
226.29	-91.7	220.8	-323.5	0.0	0.0	0.0
226.30	98.8	183.2	315.3	0.0	0.0	0.0
226.31	-98.8	-183.2	-315.3	0.0	0.0	0.0
226.32	91.7	-220.8	323.5	0.0	0.0	0.0
226.33	-93.4	33.6	-325.4	0.0	0.0	0.0
226.34	97.1	-4.1	313.5	0.0	0.0	0.0
226.35	-97.1	4.1	-313.5	0.0	0.0	0.0
226.36	93.4	-33.6	325.4	0.0	0.0	0.0
227.1	0.0	0.0	0.0	0.0	0.0	0.0
227.2	0.0	0.0	0.0	0.0	0.0	0.0
227.3	0.0	0.0	0.0	0.0	0.0	0.0
227.4	0.0	0.0	0.0	0.0	0.0	0.0
227.5	2.9	659.8	-104.4	0.0	0.0	0.0
227.6	-51.6	696.5	63.3	0.0	0.0	0.0
227.7	51.6	-696.5	-63.3	0.0	0.0	0.0
227.8	-2.9	-659.8	104.4	0.0	0.0	0.0

227.9	-53.7	673.9	-118.7	0.0	0.0	0.0
227.10	5.0	682.4	77.6	0.0	0.0	0.0
227.11	-5.0	-682.4	-77.6	0.0	0.0	0.0
227.12	53.7	-673.9	118.7	0.0	0.0	0.0
227.13	35.7	30.2	-104.0	0.0	0.0	0.0
227.14	-18.8	66.9	63.7	0.0	0.0	0.0
227.15	18.8	-66.9	-63.7	0.0	0.0	0.0
227.16	-35.7	-30.2	104.0	0.0	0.0	0.0
227.17	-20.9	44.3	-118.3	0.0	0.0	0.0
227.18	37.8	52.8	77.9	0.0	0.0	0.0
227.19	-37.8	-52.8	-77.9	0.0	0.0	0.0
227.20	20.9	-44.3	118.3	0.0	0.0	0.0
227.21	83.6	142.3	-285.7	0.0	0.0	0.0
227.22	-98.2	264.6	273.3	0.0	0.0	0.0
227.23	98.2	-264.6	-273.3	0.0	0.0	0.0
227.24	-83.6	-142.3	285.7	0.0	0.0	0.0
227.25	93.4	-46.6	-285.5	0.0	0.0	0.0
227.26	-88.3	75.7	273.4	0.0	0.0	0.0
227.27	88.3	-75.7	-273.4	0.0	0.0	0.0
227.28	-93.4	46.6	285.5	0.0	0.0	0.0
227.29	-105.1	189.3	-333.2	0.0	0.0	0.0
227.30	90.5	217.5	320.9	0.0	0.0	0.0
227.31	-90.5	-217.5	-320.9	0.0	0.0	0.0
227.32	105.1	-189.3	333.2	0.0	0.0	0.0
227.33	-95.3	0.5	-333.1	0.0	0.0	0.0
227.34	100.4	28.7	321.0	0.0	0.0	0.0
227.35	-100.4	-28.7	-321.0	0.0	0.0	0.0
227.36	95.3	-0.5	333.1	0.0	0.0	0.0
228.1	0.0	0.0	0.0	0.0	0.0	0.0
228.2	0.0	0.0	0.0	0.0	0.0	0.0
228.3	0.0	0.0	0.0	0.0	0.0	0.0
228.4	0.0	0.0	0.0	0.0	0.0	0.0
228.5	44.5	646.5	-105.2	0.0	0.0	0.0
228.6	-8.7	687.1	47.2	0.0	0.0	0.0
228.7	8.7	-687.1	-47.2	0.0	0.0	0.0
228.8	-44.5	-646.5	105.2	0.0	0.0	0.0
228.9	48.2	657.8	-126.6	0.0	0.0	0.0
228.10	-12.3	675.8	68.6	0.0	0.0	0.0
228.11	12.3	-675.8	-68.6	0.0	0.0	0.0
228.12	-48.2	-657.8	126.6	0.0	0.0	0.0
228.13	34.6	27.0	-96.4	0.0	0.0	0.0
228.14	-18.7	67.6	56.0	0.0	0.0	0.0
228.15	18.7	-67.6	-56.0	0.0	0.0	0.0
228.16	-34.6	-27.0	96.4	0.0	0.0	0.0
228.17	38.2	38.3	-117.8	0.0	0.0	0.0
228.18	-22.3	56.3	77.4	0.0	0.0	0.0
228.19	22.3	-56.3	-77.4	0.0	0.0	0.0
228.20	-38.2	-38.3	117.8	0.0	0.0	0.0
228.21	94.1	132.3	-262.7	0.0	0.0	0.0
228.22	-83.3	267.7	245.2	0.0	0.0	0.0
228.23	83.3	-267.7	-245.2	0.0	0.0	0.0
228.24	-94.1	-132.3	262.7	0.0	0.0	0.0
228.25	91.1	-53.5	-260.0	0.0	0.0	0.0
228.26	-86.3	81.9	247.9	0.0	0.0	0.0
228.27	86.3	-81.9	-247.9	0.0	0.0	0.0
228.28	-91.1	53.5	260.0	0.0	0.0	0.0
228.29	106.2	170.0	-334.1	0.0	0.0	0.0
228.30	-95.5	230.0	316.7	0.0	0.0	0.0
228.31	95.5	-230.0	-316.7	0.0	0.0	0.0
228.32	-106.2	-170.0	334.1	0.0	0.0	0.0
228.33	103.2	-15.8	-331.5	0.0	0.0	0.0
228.34	-98.5	44.2	319.3	0.0	0.0	0.0

228.35	98.5	-44.2	-319.3	0.0	0.0	0.0
228.36	-103.2	15.8	331.5	0.0	0.0	0.0
229.1	0.0	0.0	0.0	0.0	0.0	0.0
229.2	0.0	0.0	0.0	0.0	0.0	0.0
229.3	0.0	0.0	0.0	0.0	0.0	0.0
229.4	0.0	0.0	0.0	0.0	0.0	0.0
229.5	39.1	680.6	-107.0	0.0	0.0	0.0
229.6	-10.9	636.8	33.1	0.0	0.0	0.0
229.7	10.9	-636.8	-33.1	0.0	0.0	0.0
229.8	-39.1	-680.6	107.0	0.0	0.0	0.0
229.9	42.9	672.2	-132.3	0.0	0.0	0.0
229.10	-14.8	645.1	58.3	0.0	0.0	0.0
229.11	14.8	-645.1	-58.3	0.0	0.0	0.0
229.12	-42.9	-672.2	132.3	0.0	0.0	0.0
229.13	19.1	67.9	-90.2	0.0	0.0	0.0
229.14	-30.9	24.1	49.9	0.0	0.0	0.0
229.15	30.9	-24.1	-49.9	0.0	0.0	0.0
229.16	-19.1	-67.9	90.2	0.0	0.0	0.0
229.17	22.9	59.5	-115.5	0.0	0.0	0.0
229.18	-34.7	32.4	75.1	0.0	0.0	0.0
229.19	34.7	-32.4	-75.1	0.0	0.0	0.0
229.20	-22.9	-59.5	115.5	0.0	0.0	0.0
229.21	87.6	270.6	-244.5	0.0	0.0	0.0
229.22	-79.1	124.6	222.3	0.0	0.0	0.0
229.23	79.1	-124.6	-222.3	0.0	0.0	0.0
229.24	-87.6	-270.6	244.5	0.0	0.0	0.0
229.25	81.6	86.8	-239.5	0.0	0.0	0.0
229.26	-85.1	-59.2	227.4	0.0	0.0	0.0
229.27	85.1	59.2	-227.4	0.0	0.0	0.0
229.28	-81.6	-86.8	239.5	0.0	0.0	0.0
229.29	100.4	242.8	-328.8	0.0	0.0	0.0
229.30	-91.9	152.4	306.6	0.0	0.0	0.0
229.31	91.9	-152.4	-306.6	0.0	0.0	0.0
229.32	-100.4	-242.8	328.8	0.0	0.0	0.0
229.33	94.4	59.0	-323.7	0.0	0.0	0.0
229.34	-97.9	-31.4	311.6	0.0	0.0	0.0
229.35	97.9	31.4	-311.6	0.0	0.0	0.0
229.36	-94.4	-59.0	323.7	0.0	0.0	0.0
230.1	0.0	0.0	0.0	0.0	0.0	0.0
230.2	0.0	0.0	0.0	0.0	0.0	0.0
230.3	0.0	0.0	0.0	0.0	0.0	0.0
230.4	0.0	0.0	0.0	0.0	0.0	0.0
230.5	40.2	648.3	-109.7	0.0	0.0	0.0
230.6	-6.4	693.3	21.3	0.0	0.0	0.0
230.7	6.4	-693.3	-21.3	0.0	0.0	0.0
230.8	-40.2	-648.3	109.7	0.0	0.0	0.0
230.9	43.1	651.5	-135.1	0.0	0.0	0.0
230.10	-9.4	690.0	46.6	0.0	0.0	0.0
230.11	9.4	-690.0	-46.6	0.0	0.0	0.0
230.12	-43.1	-651.5	135.1	0.0	0.0	0.0
230.13	17.3	23.3	-86.1	0.0	0.0	0.0
230.14	-29.4	68.3	44.9	0.0	0.0	0.0
230.15	29.4	-68.3	-44.9	0.0	0.0	0.0
230.16	-17.3	-23.3	86.1	0.0	0.0	0.0
230.17	20.2	26.5	-111.5	0.0	0.0	0.0
230.18	-32.3	65.0	70.2	0.0	0.0	0.0
230.19	32.3	-65.0	-70.2	0.0	0.0	0.0
230.20	-20.2	-26.5	111.5	0.0	0.0	0.0
230.21	82.8	126.2	-231.6	0.0	0.0	0.0
230.22	-72.6	276.2	205.0	0.0	0.0	0.0
230.23	72.6	-276.2	-205.0	0.0	0.0	0.0
230.24	-82.8	-126.2	231.6	0.0	0.0	0.0

230.25	75.9	-61.3	-224.5	0.0	0.0	0.0
230.26	-79.5	88.7	212.1	0.0	0.0	0.0
230.27	79.5	-88.7	-212.1	0.0	0.0	0.0
230.28	-75.9	61.3	224.5	0.0	0.0	0.0
230.29	92.5	137.0	-316.1	0.0	0.0	0.0
230.30	-82.4	265.4	289.5	0.0	0.0	0.0
230.31	82.4	-265.4	-289.5	0.0	0.0	0.0
230.32	-92.5	-137.0	316.1	0.0	0.0	0.0
230.33	85.7	-50.5	-309.0	0.0	0.0	0.0
230.34	-89.3	77.9	296.6	0.0	0.0	0.0
230.35	89.3	-77.9	-296.6	0.0	0.0	0.0
230.36	-85.7	50.5	309.0	0.0	0.0	0.0
231.1	0.0	0.0	0.0	0.0	0.0	0.0
231.2	0.0	0.0	0.0	0.0	0.0	0.0
231.3	0.0	0.0	0.0	0.0	0.0	0.0
231.4	0.0	0.0	0.0	0.0	0.0	0.0
231.5	9.2	675.4	-111.9	0.0	0.0	0.0
231.6	-35.2	633.5	13.3	0.0	0.0	0.0
231.7	35.2	-633.5	-13.3	0.0	0.0	0.0
231.8	-9.2	-675.4	111.9	0.0	0.0	0.0
231.9	11.0	630.3	-133.8	0.0	0.0	0.0
231.10	-37.0	678.6	35.2	0.0	0.0	0.0
231.11	37.0	-678.6	-35.2	0.0	0.0	0.0
231.12	-11.0	-630.3	133.8	0.0	0.0	0.0
231.13	29.8	67.6	-84.5	0.0	0.0	0.0
231.14	-14.6	25.7	40.7	0.0	0.0	0.0
231.15	14.6	-25.7	-40.7	0.0	0.0	0.0
231.16	-29.8	-67.6	84.5	0.0	0.0	0.0
231.17	31.6	22.4	-106.4	0.0	0.0	0.0
231.18	-16.4	70.8	62.6	0.0	0.0	0.0
231.19	16.4	-70.8	-62.6	0.0	0.0	0.0
231.20	-31.6	-22.4	106.4	0.0	0.0	0.0
231.21	70.1	266.3	-223.4	0.0	0.0	0.0
231.22	-77.9	126.4	193.8	0.0	0.0	0.0
231.23	77.9	-126.4	-193.8	0.0	0.0	0.0
231.24	-70.1	-266.3	223.4	0.0	0.0	0.0
231.25	76.3	83.9	-215.2	0.0	0.0	0.0
231.26	-71.7	-56.0	202.1	0.0	0.0	0.0
231.27	71.7	56.0	-202.1	0.0	0.0	0.0
231.28	-76.3	-83.9	215.2	0.0	0.0	0.0
231.29	76.1	115.7	-296.5	0.0	0.0	0.0
231.30	-83.9	277.0	266.9	0.0	0.0	0.0
231.31	83.9	-277.0	-266.9	0.0	0.0	0.0
231.32	-76.1	-115.7	296.5	0.0	0.0	0.0
231.33	82.3	-66.7	-288.3	0.0	0.0	0.0
231.34	-77.7	94.6	275.1	0.0	0.0	0.0
231.35	77.7	-94.6	-275.1	0.0	0.0	0.0
231.36	-82.3	66.7	288.3	0.0	0.0	0.0
232.1	0.0	0.0	0.0	0.0	0.0	0.0
232.2	0.0	0.0	0.0	0.0	0.0	0.0
232.3	0.0	0.0	0.0	0.0	0.0	0.0
232.4	0.0	0.0	0.0	0.0	0.0	0.0
232.5	44.0	624.7	-112.2	0.0	0.0	0.0
232.6	0.5	660.2	9.2	0.0	0.0	0.0
232.7	-0.5	-660.2	-9.2	0.0	0.0	0.0
232.8	-44.0	-624.7	112.2	0.0	0.0	0.0
232.9	0.0	669.8	-129.3	0.0	0.0	0.0
232.10	44.5	615.1	26.2	0.0	0.0	0.0
232.11	-44.5	-615.1	-26.2	0.0	0.0	0.0
232.12	0.0	-669.8	129.3	0.0	0.0	0.0
232.13	32.1	31.2	-84.5	0.0	0.0	0.0
232.14	-11.5	66.7	36.9	0.0	0.0	0.0

232.15	11.5	-66.7	-36.9	0.0	0.0	0.0
232.16	-32.1	-31.2	84.5	0.0	0.0	0.0
232.17	-12.0	76.3	-101.6	0.0	0.0	0.0
232.18	32.6	21.6	54.0	0.0	0.0	0.0
232.19	-32.6	-21.6	-54.0	0.0	0.0	0.0
232.20	12.0	-76.3	101.6	0.0	0.0	0.0
232.21	79.3	133.7	-217.8	0.0	0.0	0.0
232.22	-65.9	251.8	186.9	0.0	0.0	0.0
232.23	65.9	-251.8	-186.9	0.0	0.0	0.0
232.24	-79.3	-133.7	217.8	0.0	0.0	0.0
232.25	75.7	-44.4	-209.5	0.0	0.0	0.0
232.26	-69.5	73.8	195.2	0.0	0.0	0.0
232.27	69.5	-73.8	-195.2	0.0	0.0	0.0
232.28	-75.7	44.4	209.5	0.0	0.0	0.0
232.29	-67.6	283.9	-274.7	0.0	0.0	0.0
232.30	81.0	101.6	243.8	0.0	0.0	0.0
232.31	-81.0	-101.6	-243.8	0.0	0.0	0.0
232.32	67.6	-283.9	274.7	0.0	0.0	0.0
232.33	-71.2	105.9	-266.4	0.0	0.0	0.0
232.34	77.4	-76.5	252.1	0.0	0.0	0.0
232.35	-77.4	76.5	-252.1	0.0	0.0	0.0
232.36	71.2	-105.9	266.4	0.0	0.0	0.0
233.1	0.0	0.0	0.0	0.0	0.0	0.0
233.2	0.0	0.0	0.0	0.0	0.0	0.0
233.3	0.0	0.0	0.0	0.0	0.0	0.0
233.4	0.0	0.0	0.0	0.0	0.0	0.0
233.5	49.1	628.4	-110.6	0.0	0.0	0.0
233.6	4.9	656.2	7.1	0.0	0.0	0.0
233.7	-4.9	-656.2	-7.1	0.0	0.0	0.0
233.8	-49.1	-628.4	110.6	0.0	0.0	0.0
233.9	48.3	614.4	-124.5	0.0	0.0	0.0
233.10	5.7	670.1	21.0	0.0	0.0	0.0
233.11	-5.7	-670.1	-21.0	0.0	0.0	0.0
233.12	-48.3	-614.4	124.5	0.0	0.0	0.0
233.13	33.9	38.8	-85.2	0.0	0.0	0.0
233.14	-10.3	66.6	32.6	0.0	0.0	0.0
233.15	10.3	-66.6	-32.6	0.0	0.0	0.0
233.16	-33.9	-38.8	85.2	0.0	0.0	0.0
233.17	33.1	24.8	-99.0	0.0	0.0	0.0
233.18	-9.5	80.5	46.4	0.0	0.0	0.0
233.19	9.5	-80.5	-46.4	0.0	0.0	0.0
233.20	-33.1	-24.8	99.0	0.0	0.0	0.0
233.21	81.7	146.3	-211.8	0.0	0.0	0.0
233.22	-65.5	239.0	180.7	0.0	0.0	0.0
233.23	65.5	-239.0	-180.7	0.0	0.0	0.0
233.24	-81.7	-146.3	211.8	0.0	0.0	0.0
233.25	77.2	-30.5	-204.2	0.0	0.0	0.0
233.26	-70.1	62.1	188.4	0.0	0.0	0.0
233.27	70.1	-62.1	-188.4	0.0	0.0	0.0
233.28	-77.2	30.5	204.2	0.0	0.0	0.0
233.29	79.0	99.8	-257.9	0.0	0.0	0.0
233.30	-62.9	285.5	226.9	0.0	0.0	0.0
233.31	62.9	-285.5	-226.9	0.0	0.0	0.0
233.32	-79.0	-99.8	257.9	0.0	0.0	0.0
233.33	74.5	-77.0	-250.3	0.0	0.0	0.0
233.34	-67.4	108.6	234.5	0.0	0.0	0.0
233.35	67.4	-108.6	-234.5	0.0	0.0	0.0
233.36	-74.5	77.0	250.3	0.0	0.0	0.0
234.1	0.0	0.0	0.0	0.0	0.0	0.0
234.2	0.0	0.0	0.0	0.0	0.0	0.0
234.3	0.0	0.0	0.0	0.0	0.0	0.0
234.4	0.0	0.0	0.0	0.0	0.0	0.0

234.5	41.1	638.1	-110.4	0.0	0.0	0.0
234.6	-5.2	616.5	2.8	0.0	0.0	0.0
234.7	5.2	-616.5	-2.8	0.0	0.0	0.0
234.8	-41.1	-638.1	110.4	0.0	0.0	0.0
234.9	39.0	653.3	-125.0	0.0	0.0	0.0
234.10	-3.1	601.3	17.4	0.0	0.0	0.0
234.11	3.1	-601.3	-17.4	0.0	0.0	0.0
234.12	-39.0	-653.3	125.0	0.0	0.0	0.0
234.13	33.4	68.4	-87.5	0.0	0.0	0.0
234.14	-12.9	46.8	25.8	0.0	0.0	0.0
234.15	12.9	-46.8	-25.8	0.0	0.0	0.0
234.16	-33.4	-68.4	87.5	0.0	0.0	0.0
234.17	31.3	83.6	-102.0	0.0	0.0	0.0
234.18	-10.8	31.6	40.3	0.0	0.0	0.0
234.19	10.8	-31.6	-40.3	0.0	0.0	0.0
234.20	-31.3	-83.6	102.0	0.0	0.0	0.0
234.21	82.5	224.2	-204.9	0.0	0.0	0.0
234.22	-71.7	152.2	172.7	0.0	0.0	0.0
234.23	71.7	-152.2	-172.7	0.0	0.0	0.0
234.24	-82.5	-224.2	204.9	0.0	0.0	0.0
234.25	80.2	53.3	-198.0	0.0	0.0	0.0
234.26	-74.0	-18.7	179.5	0.0	0.0	0.0
234.27	74.0	18.7	-179.5	0.0	0.0	0.0
234.28	-80.2	-53.3	198.0	0.0	0.0	0.0
234.29	75.6	274.8	-253.3	0.0	0.0	0.0
234.30	-64.8	101.6	221.1	0.0	0.0	0.0
234.31	64.8	-101.6	-221.1	0.0	0.0	0.0
234.32	-75.6	-274.8	253.3	0.0	0.0	0.0
234.33	73.3	103.9	-246.4	0.0	0.0	0.0
234.34	-67.2	-69.3	227.9	0.0	0.0	0.0
234.35	67.2	69.3	-227.9	0.0	0.0	0.0
234.36	-73.3	-103.9	246.4	0.0	0.0	0.0
235.1	0.0	0.0	0.0	0.0	0.0	0.0
235.2	0.0	0.0	0.0	0.0	0.0	0.0
235.3	0.0	0.0	0.0	0.0	0.0	0.0
235.4	0.0	0.0	0.0	0.0	0.0	0.0
235.5	50.4	625.9	-118.7	0.0	0.0	0.0
235.6	7.8	605.4	-10.9	0.0	0.0	0.0
235.7	-7.8	-605.4	10.9	0.0	0.0	0.0
235.8	-50.4	-625.9	118.7	0.0	0.0	0.0
235.9	48.7	589.7	-138.2	0.0	0.0	0.0
235.10	9.6	641.5	8.7	0.0	0.0	0.0
235.11	-9.6	-641.5	-8.7	0.0	0.0	0.0
235.12	-48.7	-589.7	138.2	0.0	0.0	0.0
235.13	29.3	73.2	-94.5	0.0	0.0	0.0
235.14	-13.3	52.7	13.3	0.0	0.0	0.0
235.15	13.3	-52.7	-13.3	0.0	0.0	0.0
235.16	-29.3	-73.2	94.5	0.0	0.0	0.0
235.17	27.6	37.0	-114.1	0.0	0.0	0.0
235.18	-11.5	88.8	32.8	0.0	0.0	0.0
235.19	11.5	-88.8	-32.8	0.0	0.0	0.0
235.20	-27.6	-37.0	114.1	0.0	0.0	0.0
235.21	79.7	218.9	-199.0	0.0	0.0	0.0
235.22	-62.2	150.5	160.1	0.0	0.0	0.0
235.23	62.2	-150.5	-160.1	0.0	0.0	0.0
235.24	-79.7	-218.9	199.0	0.0	0.0	0.0
235.25	73.3	53.0	-191.8	0.0	0.0	0.0
235.26	-68.5	-15.3	167.4	0.0	0.0	0.0
235.27	68.5	15.3	-167.4	0.0	0.0	0.0
235.28	-73.3	-53.0	191.8	0.0	0.0	0.0
235.29	74.0	98.3	-264.2	0.0	0.0	0.0
235.30	-56.5	271.1	225.4	0.0	0.0	0.0

235.31	56.5	-271.1	-225.4	0.0	0.0	0.0
235.32	-74.0	-98.3	264.2	0.0	0.0	0.0
235.33	67.6	-67.5	-257.0	0.0	0.0	0.0
235.34	-62.8	105.3	232.6	0.0	0.0	0.0
235.35	62.8	-105.3	-232.6	0.0	0.0	0.0
235.36	-67.6	67.5	257.0	0.0	0.0	0.0
236.1	0.0	0.0	0.0	0.0	0.0	0.0
236.2	0.0	0.0	0.0	0.0	0.0	0.0
236.3	0.0	0.0	0.0	0.0	0.0	0.0
236.4	0.0	0.0	0.0	0.0	0.0	0.0
236.5	50.2	615.2	-132.7	0.0	0.0	0.0
236.6	11.1	636.7	-33.0	0.0	0.0	0.0
236.7	-11.1	-636.7	33.0	0.0	0.0	0.0
236.8	-50.2	-615.2	132.7	0.0	0.0	0.0
236.9	49.3	604.2	-160.7	0.0	0.0	0.0
236.10	12.0	647.7	-5.1	0.0	0.0	0.0
236.11	-12.0	-647.7	5.1	0.0	0.0	0.0
236.12	-49.3	-604.2	160.7	0.0	0.0	0.0
236.13	26.7	51.1	-103.2	0.0	0.0	0.0
236.14	-12.5	72.7	-3.6	0.0	0.0	0.0
236.15	12.5	-72.7	3.6	0.0	0.0	0.0
236.16	-26.7	-51.1	103.2	0.0	0.0	0.0
236.17	25.7	40.1	-131.2	0.0	0.0	0.0
236.18	-11.5	83.6	24.4	0.0	0.0	0.0
236.19	11.5	-83.6	-24.4	0.0	0.0	0.0
236.20	-25.7	-40.1	131.2	0.0	0.0	0.0
236.21	74.5	151.9	-191.0	0.0	0.0	0.0
236.22	-56.1	223.7	141.3	0.0	0.0	0.0
236.23	56.1	-223.7	-141.3	0.0	0.0	0.0
236.24	-74.5	-151.9	191.0	0.0	0.0	0.0
236.25	67.4	-17.3	-182.2	0.0	0.0	0.0
236.26	-63.1	54.5	150.1	0.0	0.0	0.0
236.27	63.1	-54.5	-150.1	0.0	0.0	0.0
236.28	-67.4	17.3	182.2	0.0	0.0	0.0
236.29	71.3	115.4	-284.2	0.0	0.0	0.0
236.30	-52.9	260.2	234.5	0.0	0.0	0.0
236.31	52.9	-260.2	-234.5	0.0	0.0	0.0
236.32	-71.3	-115.4	284.2	0.0	0.0	0.0
236.33	64.2	-53.9	-275.4	0.0	0.0	0.0
236.34	-60.0	91.0	243.4	0.0	0.0	0.0
236.35	60.0	-91.0	-243.4	0.0	0.0	0.0
236.36	-64.2	53.9	275.4	0.0	0.0	0.0
237.1	0.0	0.0	0.0	0.0	0.0	0.0
237.2	0.0	0.0	0.0	0.0	0.0	0.0
237.3	0.0	0.0	0.0	0.0	0.0	0.0
237.4	0.0	0.0	0.0	0.0	0.0	0.0
237.5	39.7	623.5	-141.0	0.0	0.0	0.0
237.6	3.6	648.9	-52.4	0.0	0.0	0.0
237.7	-3.6	-648.9	52.4	0.0	0.0	0.0
237.8	-39.7	-623.5	141.0	0.0	0.0	0.0
237.9	39.9	620.6	-177.9	0.0	0.0	0.0
237.10	3.4	651.8	-15.5	0.0	0.0	0.0
237.11	-3.4	-651.8	15.5	0.0	0.0	0.0
237.12	-39.9	-620.6	177.9	0.0	0.0	0.0
237.13	24.3	42.6	-107.0	0.0	0.0	0.0
237.14	-11.7	68.0	-18.5	0.0	0.0	0.0
237.15	11.7	-68.0	18.5	0.0	0.0	0.0
237.16	-24.3	-42.6	107.0	0.0	0.0	0.0
237.17	24.5	39.7	-144.0	0.0	0.0	0.0
237.18	-11.9	70.9	18.5	0.0	0.0	0.0
237.19	11.9	-70.9	-18.5	0.0	0.0	0.0
237.20	-24.5	-39.7	144.0	0.0	0.0	0.0

237.21	66.6	148.5	-176.6	0.0	0.0	0.0
237.22	-53.6	233.3	118.6	0.0	0.0	0.0
237.23	53.6	-233.3	-118.6	0.0	0.0	0.0
237.24	-66.6	-148.5	176.6	0.0	0.0	0.0
237.25	62.0	-25.8	-166.4	0.0	0.0	0.0
237.26	-58.2	59.0	128.8	0.0	0.0	0.0
237.27	58.2	-59.0	-128.8	0.0	0.0	0.0
237.28	-62.0	25.8	166.4	0.0	0.0	0.0
237.29	67.3	138.9	-299.8	0.0	0.0	0.0
237.30	-54.3	242.8	241.7	0.0	0.0	0.0
237.31	54.3	-242.8	-241.7	0.0	0.0	0.0
237.32	-67.3	-138.9	299.8	0.0	0.0	0.0
237.33	62.6	-35.3	-289.6	0.0	0.0	0.0
237.34	-58.9	68.5	251.9	0.0	0.0	0.0
237.35	58.9	-68.5	-251.9	0.0	0.0	0.0
237.36	-62.6	35.3	289.6	0.0	0.0	0.0
238.1	0.0	0.0	0.0	0.0	0.0	0.0
238.2	0.0	0.0	0.0	0.0	0.0	0.0
238.3	0.0	0.0	0.0	0.0	0.0	0.0
238.4	0.0	0.0	0.0	0.0	0.0	0.0
238.5	29.4	657.5	-133.4	0.0	0.0	0.0
238.6	-3.5	685.9	-58.0	0.0	0.0	0.0
238.7	3.5	-685.9	58.0	0.0	0.0	0.0
238.8	-29.4	-657.5	133.4	0.0	0.0	0.0
238.9	31.0	661.3	-177.1	0.0	0.0	0.0
238.10	-5.2	682.0	-14.2	0.0	0.0	0.0
238.11	5.2	-682.0	14.2	0.0	0.0	0.0
238.12	-31.0	-661.3	177.1	0.0	0.0	0.0
238.13	22.1	30.0	-100.4	0.0	0.0	0.0
238.14	-10.7	58.4	-25.0	0.0	0.0	0.0
238.15	10.7	-58.4	25.0	0.0	0.0	0.0
238.16	-22.1	-30.0	100.4	0.0	0.0	0.0
238.17	23.8	33.8	-144.1	0.0	0.0	0.0
238.18	-12.4	54.6	18.8	0.0	0.0	0.0
238.19	12.4	-54.6	-18.8	0.0	0.0	0.0
238.20	-23.8	-33.8	144.1	0.0	0.0	0.0
238.21	58.7	154.1	-154.3	0.0	0.0	0.0
238.22	-50.9	248.9	96.9	0.0	0.0	0.0
238.23	50.9	-248.9	-96.9	0.0	0.0	0.0
238.24	-58.7	-154.1	154.3	0.0	0.0	0.0
238.25	56.5	-34.1	-144.4	0.0	0.0	0.0
238.26	-53.1	60.6	106.8	0.0	0.0	0.0
238.27	53.1	-60.6	-106.8	0.0	0.0	0.0
238.28	-56.5	34.1	144.4	0.0	0.0	0.0
238.29	64.2	167.0	-300.2	0.0	0.0	0.0
238.30	-56.4	236.0	242.8	0.0	0.0	0.0
238.31	56.4	-236.0	-242.8	0.0	0.0	0.0
238.32	-64.2	-167.0	300.2	0.0	0.0	0.0
238.33	62.0	-21.3	-290.3	0.0	0.0	0.0
238.34	-58.6	47.8	252.7	0.0	0.0	0.0
238.35	58.6	-47.8	-252.7	0.0	0.0	0.0
238.36	-62.0	21.3	290.3	0.0	0.0	0.0
239.1	0.0	0.0	0.0	0.0	0.0	0.0
239.2	0.0	0.0	0.0	0.0	0.0	0.0
239.3	0.0	0.0	0.0	0.0	0.0	0.0
239.4	0.0	0.0	0.0	0.0	0.0	0.0
239.5	4.0	714.7	-103.5	0.0	0.0	0.0
239.6	-25.3	741.2	-41.2	0.0	0.0	0.0
239.7	25.3	-741.2	41.2	0.0	0.0	0.0
239.8	-4.0	-714.7	103.5	0.0	0.0	0.0
239.9	7.2	735.8	-150.8	0.0	0.0	0.0
239.10	-28.6	720.1	6.2	0.0	0.0	0.0

239.11	28.6	-720.1	-6.2	0.0	0.0	0.0
239.12	-7.2	-735.8	150.8	0.0	0.0	0.0
239.13	19.1	16.8	-79.9	0.0	0.0	0.0
239.14	-10.2	43.3	-17.6	0.0	0.0	0.0
239.15	10.2	-43.3	17.6	0.0	0.0	0.0
239.16	-19.1	-16.8	79.9	0.0	0.0	0.0
239.17	22.4	37.9	-127.2	0.0	0.0	0.0
239.18	-13.5	22.2	29.8	0.0	0.0	0.0
239.19	13.5	-22.2	-29.8	0.0	0.0	0.0
239.20	-22.4	-37.9	127.2	0.0	0.0	0.0
239.21	45.6	174.3	-125.5	0.0	0.0	0.0
239.22	-52.0	262.5	82.1	0.0	0.0	0.0
239.23	52.0	-262.5	-82.1	0.0	0.0	0.0
239.24	-45.6	-174.3	125.5	0.0	0.0	0.0
239.25	50.1	-35.1	-118.5	0.0	0.0	0.0
239.26	-47.5	53.1	89.2	0.0	0.0	0.0
239.27	47.5	-53.1	-89.2	0.0	0.0	0.0
239.28	-50.1	35.1	118.5	0.0	0.0	0.0
239.29	56.5	244.5	-283.4	0.0	0.0	0.0
239.30	-62.9	192.3	240.0	0.0	0.0	0.0
239.31	62.9	-192.3	-240.0	0.0	0.0	0.0
239.32	-56.5	-244.5	283.4	0.0	0.0	0.0
239.33	61.0	35.1	-276.3	0.0	0.0	0.0
239.34	-58.4	-17.1	247.1	0.0	0.0	0.0
239.35	58.4	17.1	-247.1	0.0	0.0	0.0
239.36	-61.0	-35.1	276.3	0.0	0.0	0.0
240.1	0.0	0.0	0.0	0.0	0.0	0.0
240.2	0.0	0.0	0.0	0.0	0.0	0.0
240.3	0.0	0.0	0.0	0.0	0.0	0.0
240.4	0.0	0.0	0.0	0.0	0.0	0.0
240.5	-37.6	646.6	-49.8	0.0	0.0	0.0
240.6	-14.9	661.1	-2.2	0.0	0.0	0.0
240.7	14.9	-661.1	2.2	0.0	0.0	0.0
240.8	37.6	-646.6	49.8	0.0	0.0	0.0
240.9	-10.5	657.5	-93.9	0.0	0.0	0.0
240.10	-42.0	650.3	41.9	0.0	0.0	0.0
240.11	42.0	-650.3	-41.9	0.0	0.0	0.0
240.12	10.5	-657.5	93.9	0.0	0.0	0.0
240.13	-4.9	7.4	-41.8	0.0	0.0	0.0
240.14	17.8	21.9	5.8	0.0	0.0	0.0
240.15	-17.8	-21.9	-5.8	0.0	0.0	0.0
240.16	4.9	-7.4	41.8	0.0	0.0	0.0
240.17	22.2	18.3	-85.9	0.0	0.0	0.0
240.18	-9.3	11.1	49.9	0.0	0.0	0.0
240.19	9.3	-11.1	-49.9	0.0	0.0	0.0
240.20	-22.2	-18.3	85.9	0.0	0.0	0.0
240.21	-45.8	172.0	-87.2	0.0	0.0	0.0
240.22	30.0	220.3	71.6	0.0	0.0	0.0
240.23	-30.0	-220.3	-71.6	0.0	0.0	0.0
240.24	45.8	-172.0	87.2	0.0	0.0	0.0
240.25	-36.0	-19.8	-84.7	0.0	0.0	0.0
240.26	39.9	28.6	74.0	0.0	0.0	0.0
240.27	-39.9	-28.6	-74.0	0.0	0.0	0.0
240.28	36.0	19.8	84.7	0.0	0.0	0.0
240.29	44.6	208.1	-234.2	0.0	0.0	0.0
240.30	-60.4	184.2	218.6	0.0	0.0	0.0
240.31	60.4	-184.2	-218.6	0.0	0.0	0.0
240.32	-44.6	-208.1	234.2	0.0	0.0	0.0
240.33	54.4	16.4	-231.8	0.0	0.0	0.0
240.34	-50.6	-7.6	221.0	0.0	0.0	0.0
240.35	50.6	7.6	-221.0	0.0	0.0	0.0
240.36	-54.4	-16.4	231.8	0.0	0.0	0.0

241.1	0.0	0.0	0.0	0.0	0.0	0.0
241.2	0.0	0.0	0.0	0.0	0.0	0.0
241.3	0.0	0.0	0.0	0.0	0.0	0.0
241.4	0.0	0.0	0.0	0.0	0.0	0.0
241.5	-72.2	-115.4	-330.4	0.0	0.0	0.0
241.6	-60.5	-66.2	-336.6	0.0	0.0	0.0
241.7	60.5	66.2	336.6	0.0	0.0	0.0
241.8	72.2	115.4	330.4	0.0	0.0	0.0
241.9	-73.8	-189.1	-331.3	0.0	0.0	0.0
241.10	-58.9	7.5	-335.7	0.0	0.0	0.0
241.11	58.9	-7.5	335.7	0.0	0.0	0.0
241.12	73.8	189.1	331.3	0.0	0.0	0.0
241.13	14.2	-66.2	-35.3	0.0	0.0	0.0
241.14	25.9	-17.0	-41.5	0.0	0.0	0.0
241.15	-25.9	17.0	41.5	0.0	0.0	0.0
241.16	-14.2	66.2	35.3	0.0	0.0	0.0
241.17	12.6	-139.9	-36.2	0.0	0.0	0.0
241.18	27.5	56.7	-40.6	0.0	0.0	0.0
241.19	-27.5	-56.7	40.6	0.0	0.0	0.0
241.20	-12.6	139.9	36.2	0.0	0.0	0.0
241.21	-39.4	-109.2	-89.7	0.0	0.0	0.0
241.22	-0.4	54.7	-110.4	0.0	0.0	0.0
241.23	0.4	-54.7	110.4	0.0	0.0	0.0
241.24	39.4	109.2	89.7	0.0	0.0	0.0
241.25	-13.5	-94.4	-1.2	0.0	0.0	0.0
241.26	25.5	69.4	-21.9	0.0	0.0	0.0
241.27	-25.5	-69.4	21.9	0.0	0.0	0.0
241.28	13.5	94.4	1.2	0.0	0.0	0.0
241.29	-44.8	-354.8	-92.7	0.0	0.0	0.0
241.30	5.0	300.4	-107.4	0.0	0.0	0.0
241.31	-5.0	-300.4	107.4	0.0	0.0	0.0
241.32	44.8	354.8	92.7	0.0	0.0	0.0
241.33	-18.9	-340.1	-4.2	0.0	0.0	0.0
241.34	30.9	315.1	-18.9	0.0	0.0	0.0
241.35	-30.9	-315.1	18.9	0.0	0.0	0.0
241.36	18.9	340.1	4.2	0.0	0.0	0.0
242.1	0.0	0.0	0.0	0.0	0.0	0.0
242.2	0.0	0.0	0.0	0.0	0.0	0.0
242.3	0.0	0.0	0.0	0.0	0.0	0.0
242.4	0.0	0.0	0.0	0.0	0.0	0.0
242.5	74.0	129.2	-336.9	0.0	0.0	0.0
242.6	67.3	191.1	-329.1	0.0	0.0	0.0
242.7	-67.3	-191.1	329.1	0.0	0.0	0.0
242.8	-74.0	-129.2	336.9	0.0	0.0	0.0
242.9	74.6	39.9	-336.4	0.0	0.0	0.0
242.10	66.7	280.4	-329.5	0.0	0.0	0.0
242.11	-66.7	-280.4	329.5	0.0	0.0	0.0
242.12	-74.6	-39.9	336.4	0.0	0.0	0.0
242.13	-30.2	48.8	-88.6	0.0	0.0	0.0
242.14	-36.8	110.7	-80.8	0.0	0.0	0.0
242.15	36.8	-110.7	80.8	0.0	0.0	0.0
242.16	30.2	-48.8	88.6	0.0	0.0	0.0
242.17	-29.6	-40.5	-88.2	0.0	0.0	0.0
242.18	-37.4	200.0	-81.3	0.0	0.0	0.0
242.19	37.4	-200.0	81.3	0.0	0.0	0.0
242.20	29.6	40.5	88.2	0.0	0.0	0.0
242.21	32.3	-55.1	-112.9	0.0	0.0	0.0
242.22	10.1	151.2	-86.9	0.0	0.0	0.0
242.23	-10.1	-151.2	86.9	0.0	0.0	0.0
242.24	-32.3	55.1	112.9	0.0	0.0	0.0
242.25	1.0	-79.2	-38.4	0.0	0.0	0.0
242.26	-21.1	127.1	-12.5	0.0	0.0	0.0

242.27	21.1	-127.1	12.5	0.0	0.0	0.0
242.28	-1.0	79.2	38.4	0.0	0.0	0.0
242.29	34.3	-352.8	-111.4	0.0	0.0	0.0
242.30	8.1	448.9	-88.4	0.0	0.0	0.0
242.31	-8.1	-448.9	88.4	0.0	0.0	0.0
242.32	-34.3	352.8	111.4	0.0	0.0	0.0
242.33	3.1	-376.9	-37.0	0.0	0.0	0.0
242.34	-23.2	424.8	-13.9	0.0	0.0	0.0
242.35	23.2	-424.8	13.9	0.0	0.0	0.0
242.36	-3.1	376.9	37.0	0.0	0.0	0.0
243.1	0.0	0.0	0.0	0.0	0.0	0.0
243.2	0.0	0.0	0.0	0.0	0.0	0.0
243.3	0.0	0.0	0.0	0.0	0.0	0.0
243.4	0.0	0.0	0.0	0.0	0.0	0.0
243.5	66.7	148.3	-346.4	0.0	0.0	0.0
243.6	73.1	213.4	-337.0	0.0	0.0	0.0
243.7	-73.1	-213.4	337.0	0.0	0.0	0.0
243.8	-66.7	-148.3	346.4	0.0	0.0	0.0
243.9	65.8	56.9	-345.5	0.0	0.0	0.0
243.10	74.0	304.8	-337.8	0.0	0.0	0.0
243.11	-74.0	-304.8	337.8	0.0	0.0	0.0
243.12	-65.8	-56.9	345.5	0.0	0.0	0.0
243.13	41.7	-123.8	-147.1	0.0	0.0	0.0
243.14	48.1	-58.7	-137.7	0.0	0.0	0.0
243.15	-48.1	58.7	137.7	0.0	0.0	0.0
243.16	-41.7	123.8	147.1	0.0	0.0	0.0
243.17	40.8	-215.2	-146.2	0.0	0.0	0.0
243.18	49.0	32.6	-138.5	0.0	0.0	0.0
243.19	-49.0	-32.6	138.5	0.0	0.0	0.0
243.20	-40.8	215.2	146.2	0.0	0.0	0.0
243.21	10.4	-54.3	-118.1	0.0	0.0	0.0
243.22	31.6	162.8	-86.9	0.0	0.0	0.0
243.23	-31.6	-162.8	86.9	0.0	0.0	0.0
243.24	-10.4	54.3	118.1	0.0	0.0	0.0
243.25	2.9	-135.9	-58.3	0.0	0.0	0.0
243.26	24.1	81.1	-27.1	0.0	0.0	0.0
243.27	-24.1	-81.1	27.1	0.0	0.0	0.0
243.28	-2.9	135.9	58.3	0.0	0.0	0.0
243.29	7.3	-358.8	-115.4	0.0	0.0	0.0
243.30	34.7	467.3	-89.6	0.0	0.0	0.0
243.31	-34.7	-467.3	89.6	0.0	0.0	0.0
243.32	-7.3	358.8	115.4	0.0	0.0	0.0
243.33	-0.3	-440.4	-55.6	0.0	0.0	0.0
243.34	27.2	385.7	-29.9	0.0	0.0	0.0
243.35	-27.2	-385.7	29.9	0.0	0.0	0.0
243.36	0.3	440.4	55.6	0.0	0.0	0.0
244.1	0.0	0.0	0.0	0.0	0.0	0.0
244.2	0.0	0.0	0.0	0.0	0.0	0.0
244.3	0.0	0.0	0.0	0.0	0.0	0.0
244.4	0.0	0.0	0.0	0.0	0.0	0.0
244.5	77.1	133.1	-403.5	0.0	0.0	0.0
244.6	68.8	198.4	-392.0	0.0	0.0	0.0
244.7	-68.8	-198.4	392.0	0.0	0.0	0.0
244.8	-77.1	-133.1	403.5	0.0	0.0	0.0
244.9	79.0	40.4	-402.4	0.0	0.0	0.0
244.10	66.9	291.1	-393.0	0.0	0.0	0.0
244.11	-66.9	-291.1	393.0	0.0	0.0	0.0
244.12	-79.0	-40.4	402.4	0.0	0.0	0.0
244.13	60.3	49.5	-210.3	0.0	0.0	0.0
244.14	52.0	114.8	-198.8	0.0	0.0	0.0
244.15	-52.0	-114.8	198.8	0.0	0.0	0.0
244.16	-60.3	-49.5	210.3	0.0	0.0	0.0

244.17	62.2	-43.2	-209.2	0.0	0.0	0.0
244.18	50.2	207.5	-199.9	0.0	0.0	0.0
244.19	-50.2	-207.5	199.9	0.0	0.0	0.0
244.20	-62.2	43.2	209.2	0.0	0.0	0.0
244.21	35.7	-59.0	-138.5	0.0	0.0	0.0
244.22	8.1	158.5	-100.2	0.0	0.0	0.0
244.23	-8.1	-158.5	100.2	0.0	0.0	0.0
244.24	-35.7	59.0	138.5	0.0	0.0	0.0
244.25	30.7	-84.1	-80.5	0.0	0.0	0.0
244.26	3.0	133.4	-42.2	0.0	0.0	0.0
244.27	-3.0	-133.4	42.2	0.0	0.0	0.0
244.28	-30.7	84.1	80.5	0.0	0.0	0.0
244.29	42.0	-368.1	-134.9	0.0	0.0	0.0
244.30	1.8	467.6	-103.7	0.0	0.0	0.0
244.31	-1.8	-467.6	103.7	0.0	0.0	0.0
244.32	-42.0	368.1	134.9	0.0	0.0	0.0
244.33	36.9	-393.2	-77.0	0.0	0.0	0.0
244.34	-3.2	442.5	-45.8	0.0	0.0	0.0
244.35	3.2	-442.5	45.8	0.0	0.0	0.0
244.36	-36.9	393.2	77.0	0.0	0.0	0.0
245.1	0.0	0.0	0.0	0.0	0.0	0.0
245.2	0.0	0.0	0.0	0.0	0.0	0.0
245.3	0.0	0.0	0.0	0.0	0.0	0.0
245.4	0.0	0.0	0.0	0.0	0.0	0.0
245.5	84.3	80.6	-465.1	0.0	0.0	0.0
245.6	75.7	142.9	-452.4	0.0	0.0	0.0
245.7	-75.7	-142.9	452.4	0.0	0.0	0.0
245.8	-84.3	-80.6	465.1	0.0	0.0	0.0
245.9	86.7	-14.2	-464.5	0.0	0.0	0.0
245.10	73.3	237.7	-452.9	0.0	0.0	0.0
245.11	-73.3	-237.7	452.9	0.0	0.0	0.0
245.12	-86.7	14.2	464.5	0.0	0.0	0.0
245.13	71.4	-87.8	-266.1	0.0	0.0	0.0
245.14	62.9	-25.5	-253.4	0.0	0.0	0.0
245.15	-62.9	25.5	253.4	0.0	0.0	0.0
245.16	-71.4	87.8	266.1	0.0	0.0	0.0
245.17	73.9	-182.6	-265.6	0.0	0.0	0.0
245.18	60.5	69.3	-254.0	0.0	0.0	0.0
245.19	-60.5	-69.3	254.0	0.0	0.0	0.0
245.20	-73.9	182.6	265.6	0.0	0.0	0.0
245.21	38.3	-70.3	-158.7	0.0	0.0	0.0
245.22	9.7	137.3	-116.5	0.0	0.0	0.0
245.23	-9.7	-137.3	116.5	0.0	0.0	0.0
245.24	-38.3	70.3	158.7	0.0	0.0	0.0
245.25	34.4	-120.8	-99.0	0.0	0.0	0.0
245.26	5.9	86.8	-56.8	0.0	0.0	0.0
245.27	-5.9	-86.8	56.8	0.0	0.0	0.0
245.28	-34.4	120.8	99.0	0.0	0.0	0.0
245.29	46.3	-386.3	-156.9	0.0	0.0	0.0
245.30	1.7	453.3	-118.3	0.0	0.0	0.0
245.31	-1.7	-453.3	118.3	0.0	0.0	0.0
245.32	-46.3	386.3	156.9	0.0	0.0	0.0
245.33	42.4	-436.8	-97.3	0.0	0.0	0.0
245.34	-2.1	402.8	-58.6	0.0	0.0	0.0
245.35	2.1	-402.8	58.6	0.0	0.0	0.0
245.36	-42.4	436.8	97.3	0.0	0.0	0.0
246.1	0.0	0.0	0.0	0.0	0.0	0.0
246.2	0.0	0.0	0.0	0.0	0.0	0.0
246.3	0.0	0.0	0.0	0.0	0.0	0.0
246.4	0.0	0.0	0.0	0.0	0.0	0.0
246.5	-92.0	9.2	-490.2	0.0	0.0	0.0
246.6	-88.5	65.7	-478.9	0.0	0.0	0.0

246.7	88.5	-65.7	478.9	0.0	0.0	0.0
246.8	92.0	-9.2	490.2	0.0	0.0	0.0
246.9	-87.1	-87.2	-491.2	0.0	0.0	0.0
246.10	-93.5	162.1	-477.9	0.0	0.0	0.0
246.11	93.5	-162.1	477.9	0.0	0.0	0.0
246.12	87.1	87.2	491.2	0.0	0.0	0.0
246.13	76.0	12.3	-301.9	0.0	0.0	0.0
246.14	79.5	68.7	-290.5	0.0	0.0	0.0
246.15	-79.5	-68.7	290.5	0.0	0.0	0.0
246.16	-76.0	-12.3	301.9	0.0	0.0	0.0
246.17	81.0	-84.1	-302.9	0.0	0.0	0.0
246.18	74.6	165.1	-289.5	0.0	0.0	0.0
246.19	-74.6	-165.1	289.5	0.0	0.0	0.0
246.20	-81.0	84.1	302.9	0.0	0.0	0.0
246.21	-32.9	-82.9	-164.3	0.0	0.0	0.0
246.22	-21.3	105.3	-126.4	0.0	0.0	0.0
246.23	21.3	-105.3	126.4	0.0	0.0	0.0
246.24	32.9	82.9	164.3	0.0	0.0	0.0
246.25	17.6	-81.9	-107.8	0.0	0.0	0.0
246.26	29.1	106.2	-69.9	0.0	0.0	0.0
246.27	-29.1	-106.2	69.9	0.0	0.0	0.0
246.28	-17.6	81.9	107.8	0.0	0.0	0.0
246.29	-16.4	-404.2	-167.7	0.0	0.0	0.0
246.30	-37.7	426.7	-123.1	0.0	0.0	0.0
246.31	37.7	-426.7	123.1	0.0	0.0	0.0
246.32	16.4	404.2	167.7	0.0	0.0	0.0
246.33	34.0	-403.3	-111.1	0.0	0.0	0.0
246.34	12.7	427.6	-66.6	0.0	0.0	0.0
246.35	-12.7	-427.6	66.6	0.0	0.0	0.0
246.36	-34.0	403.3	111.1	0.0	0.0	0.0
247.1	0.0	0.0	0.0	0.0	0.0	0.0
247.2	0.0	0.0	0.0	0.0	0.0	0.0
247.3	0.0	0.0	0.0	0.0	0.0	0.0
247.4	0.0	0.0	0.0	0.0	0.0	0.0
247.5	90.2	-119.5	-467.0	0.0	0.0	0.0
247.6	87.3	-57.0	-457.6	0.0	0.0	0.0
247.7	-87.3	57.0	457.6	0.0	0.0	0.0
247.8	-90.2	119.5	467.0	0.0	0.0	0.0
247.9	90.2	-207.0	-469.2	0.0	0.0	0.0
247.10	87.3	30.6	-455.3	0.0	0.0	0.0
247.11	-87.3	-30.6	455.3	0.0	0.0	0.0
247.12	-90.2	207.0	469.2	0.0	0.0	0.0
247.13	83.7	74.2	-323.0	0.0	0.0	0.0
247.14	80.8	136.7	-313.7	0.0	0.0	0.0
247.15	-80.8	-136.7	313.7	0.0	0.0	0.0
247.16	-83.7	-74.2	323.0	0.0	0.0	0.0
247.17	83.7	-13.3	-325.3	0.0	0.0	0.0
247.18	80.7	224.3	-311.4	0.0	0.0	0.0
247.19	-80.7	-224.3	311.4	0.0	0.0	0.0
247.20	-83.7	13.3	325.3	0.0	0.0	0.0
247.21	31.5	-130.6	-154.3	0.0	0.0	0.0
247.22	21.8	77.7	-123.1	0.0	0.0	0.0
247.23	-21.8	-77.7	123.1	0.0	0.0	0.0
247.24	-31.5	130.6	154.3	0.0	0.0	0.0
247.25	29.5	-72.5	-111.1	0.0	0.0	0.0
247.26	19.8	135.8	-79.9	0.0	0.0	0.0
247.27	-19.8	-135.8	79.9	0.0	0.0	0.0
247.28	-29.5	72.5	111.1	0.0	0.0	0.0
247.29	31.5	-422.5	-161.8	0.0	0.0	0.0
247.30	21.8	369.5	-115.6	0.0	0.0	0.0
247.31	-21.8	-369.5	115.6	0.0	0.0	0.0
247.32	-31.5	422.5	161.8	0.0	0.0	0.0

247.33	29.5	-364.3	-118.6	0.0	0.0	0.0
247.34	19.8	427.6	-72.4	0.0	0.0	0.0
247.35	-19.8	-427.6	72.4	0.0	0.0	0.0
247.36	-29.5	364.3	118.6	0.0	0.0	0.0
248.1	0.0	0.0	0.0	0.0	0.0	0.0
248.2	0.0	0.0	0.0	0.0	0.0	0.0
248.3	0.0	0.0	0.0	0.0	0.0	0.0
248.4	0.0	0.0	0.0	0.0	0.0	0.0
248.5	-84.8	-164.3	-418.2	0.0	0.0	0.0
248.6	-83.8	-98.2	-413.8	0.0	0.0	0.0
248.7	83.8	98.2	413.8	0.0	0.0	0.0
248.8	84.8	164.3	418.2	0.0	0.0	0.0
248.9	-83.3	-246.5	-421.2	0.0	0.0	0.0
248.10	-85.3	-16.0	-410.8	0.0	0.0	0.0
248.11	85.3	16.0	410.8	0.0	0.0	0.0
248.12	83.3	246.5	421.2	0.0	0.0	0.0
248.13	85.5	106.5	-349.8	0.0	0.0	0.0
248.14	86.6	172.7	-345.4	0.0	0.0	0.0
248.15	-86.6	-172.7	345.4	0.0	0.0	0.0
248.16	-85.5	-106.5	349.8	0.0	0.0	0.0
248.17	87.0	24.4	-352.8	0.0	0.0	0.0
248.18	85.0	254.8	-342.4	0.0	0.0	0.0
248.19	-85.0	-254.8	342.4	0.0	0.0	0.0
248.20	-87.0	-24.4	352.8	0.0	0.0	0.0
248.21	-27.0	-149.6	-132.0	0.0	0.0	0.0
248.22	-23.6	70.8	-117.6	0.0	0.0	0.0
248.23	23.6	-70.8	117.6	0.0	0.0	0.0
248.24	27.0	149.6	132.0	0.0	0.0	0.0
248.25	24.1	-68.3	-111.5	0.0	0.0	0.0
248.26	27.5	152.1	-97.0	0.0	0.0	0.0
248.27	-27.5	-152.1	97.0	0.0	0.0	0.0
248.28	-24.1	68.3	111.5	0.0	0.0	0.0
248.29	-21.9	-423.5	-142.1	0.0	0.0	0.0
248.30	-28.6	344.7	-107.5	0.0	0.0	0.0
248.31	28.6	-344.7	107.5	0.0	0.0	0.0
248.32	21.9	423.5	142.1	0.0	0.0	0.0
248.33	29.2	-342.2	-121.6	0.0	0.0	0.0
248.34	22.5	426.0	-87.0	0.0	0.0	0.0
248.35	-22.5	-426.0	87.0	0.0	0.0	0.0
248.36	-29.2	342.2	121.6	0.0	0.0	0.0
249.1	0.0	0.0	0.0	0.0	0.0	0.0
249.2	0.0	0.0	0.0	0.0	0.0	0.0
249.3	0.0	0.0	0.0	0.0	0.0	0.0
249.4	0.0	0.0	0.0	0.0	0.0	0.0
249.5	77.7	-168.6	-372.7	0.0	0.0	0.0
249.6	81.4	-102.6	-365.6	0.0	0.0	0.0
249.7	-81.4	102.6	365.6	0.0	0.0	0.0
249.8	-77.7	168.6	372.7	0.0	0.0	0.0
249.9	76.4	-250.9	-374.1	0.0	0.0	0.0
249.10	82.6	-20.3	-364.3	0.0	0.0	0.0
249.11	-82.6	20.3	364.3	0.0	0.0	0.0
249.12	-76.4	250.9	374.1	0.0	0.0	0.0
249.13	88.4	98.9	-389.9	0.0	0.0	0.0
249.14	92.1	164.9	-382.8	0.0	0.0	0.0
249.15	-92.1	-164.9	382.8	0.0	0.0	0.0
249.16	-88.4	-98.9	389.9	0.0	0.0	0.0
249.17	87.1	16.6	-391.3	0.0	0.0	0.0
249.18	93.4	247.2	-381.5	0.0	0.0	0.0
249.19	-93.4	-247.2	381.5	0.0	0.0	0.0
249.20	-87.1	-16.6	391.3	0.0	0.0	0.0
249.21	17.7	-150.7	-122.6	0.0	0.0	0.0
249.22	30.0	69.3	-99.0	0.0	0.0	0.0

249.23	-30.0	-69.3	99.0	0.0	0.0	0.0
249.24	-17.7	150.7	122.6	0.0	0.0	0.0
249.25	21.0	-70.4	-127.7	0.0	0.0	0.0
249.26	33.2	149.6	-104.1	0.0	0.0	0.0
249.27	-33.2	-149.6	104.1	0.0	0.0	0.0
249.28	-21.0	70.4	127.7	0.0	0.0	0.0
249.29	13.5	-425.0	-127.0	0.0	0.0	0.0
249.30	34.2	343.7	-94.5	0.0	0.0	0.0
249.31	-34.2	-343.7	94.5	0.0	0.0	0.0
249.32	-13.5	425.0	127.0	0.0	0.0	0.0
249.33	16.7	-344.8	-132.2	0.0	0.0	0.0
249.34	37.4	423.9	-99.6	0.0	0.0	0.0
249.35	-37.4	-423.9	99.6	0.0	0.0	0.0
249.36	-16.7	344.8	132.2	0.0	0.0	0.0
250.1	0.0	0.0	0.0	0.0	0.0	0.0
250.2	0.0	0.0	0.0	0.0	0.0	0.0
250.3	0.0	0.0	0.0	0.0	0.0	0.0
250.4	0.0	0.0	0.0	0.0	0.0	0.0
250.5	74.0	68.0	-342.8	0.0	0.0	0.0
250.6	78.8	130.0	-330.3	0.0	0.0	0.0
250.7	-78.8	-130.0	330.3	0.0	0.0	0.0
250.8	-74.0	-68.0	342.8	0.0	0.0	0.0
250.9	79.9	-19.8	-342.7	0.0	0.0	0.0
250.10	72.8	217.8	-330.4	0.0	0.0	0.0
250.11	-72.8	-217.8	330.4	0.0	0.0	0.0
250.12	-79.9	19.8	342.7	0.0	0.0	0.0
250.13	92.7	57.8	-432.0	0.0	0.0	0.0
250.14	97.5	119.9	-419.4	0.0	0.0	0.0
250.15	-97.5	-119.9	419.4	0.0	0.0	0.0
250.16	-92.7	-57.8	432.0	0.0	0.0	0.0
250.17	98.7	-30.0	-431.8	0.0	0.0	0.0
250.18	91.6	207.6	-419.5	0.0	0.0	0.0
250.19	-91.6	-207.6	419.5	0.0	0.0	0.0
250.20	-98.7	30.0	431.8	0.0	0.0	0.0
250.21	14.9	-73.7	-121.9	0.0	0.0	0.0
250.22	30.9	133.1	-80.0	0.0	0.0	0.0
250.23	-30.9	-133.1	80.0	0.0	0.0	0.0
250.24	-14.9	73.7	121.9	0.0	0.0	0.0
250.25	20.5	-76.8	-148.6	0.0	0.0	0.0
250.26	36.5	130.1	-106.8	0.0	0.0	0.0
250.27	-36.5	-130.1	106.8	0.0	0.0	0.0
250.28	-20.5	76.8	148.6	0.0	0.0	0.0
250.29	34.7	-366.3	-121.4	0.0	0.0	0.0
250.30	11.1	425.7	-80.5	0.0	0.0	0.0
250.31	-11.1	-425.7	80.5	0.0	0.0	0.0
250.32	-34.7	366.3	121.4	0.0	0.0	0.0
250.33	40.4	-369.3	-148.2	0.0	0.0	0.0
250.34	16.7	422.6	-107.2	0.0	0.0	0.0
250.35	-16.7	-422.6	107.2	0.0	0.0	0.0
250.36	-40.4	369.3	148.2	0.0	0.0	0.0
251.1	0.0	0.0	0.0	0.0	0.0	0.0
251.2	0.0	0.0	0.0	0.0	0.0	0.0
251.3	0.0	0.0	0.0	0.0	0.0	0.0
251.4	0.0	0.0	0.0	0.0	0.0	0.0
251.5	-73.4	-90.7	-324.7	0.0	0.0	0.0
251.6	-76.8	-31.3	-310.1	0.0	0.0	0.0
251.7	76.8	31.3	310.1	0.0	0.0	0.0
251.8	73.4	90.7	324.7	0.0	0.0	0.0
251.9	-77.1	-185.3	-323.7	0.0	0.0	0.0
251.10	-73.1	63.3	-311.0	0.0	0.0	0.0
251.11	73.1	-63.3	311.0	0.0	0.0	0.0
251.12	77.1	185.3	323.7	0.0	0.0	0.0

251.13	100.1	-65.3	-457.0	0.0	0.0	0.0
251.14	96.7	-5.8	-442.3	0.0	0.0	0.0
251.15	-96.7	5.8	442.3	0.0	0.0	0.0
251.16	-100.1	65.3	457.0	0.0	0.0	0.0
251.17	96.4	-159.8	-456.0	0.0	0.0	0.0
251.18	100.4	88.8	-443.3	0.0	0.0	0.0
251.19	-100.4	-88.8	443.3	0.0	0.0	0.0
251.20	-96.4	159.8	456.0	0.0	0.0	0.0
251.21	-16.9	-117.4	-119.6	0.0	0.0	0.0
251.22	-28.1	80.8	-70.8	0.0	0.0	0.0
251.23	28.1	-80.8	70.8	0.0	0.0	0.0
251.24	16.9	117.4	119.6	0.0	0.0	0.0
251.25	35.1	-109.8	-159.3	0.0	0.0	0.0
251.26	23.9	88.4	-110.5	0.0	0.0	0.0
251.27	-23.9	-88.4	110.5	0.0	0.0	0.0
251.28	-35.1	109.8	159.3	0.0	0.0	0.0
251.29	-29.1	-432.7	-116.4	0.0	0.0	0.0
251.30	-15.9	396.1	-74.0	0.0	0.0	0.0
251.31	15.9	-396.1	74.0	0.0	0.0	0.0
251.32	29.1	432.7	116.4	0.0	0.0	0.0
251.33	22.9	-425.0	-156.1	0.0	0.0	0.0
251.34	36.1	403.7	-113.7	0.0	0.0	0.0
251.35	-36.1	-403.7	113.7	0.0	0.0	0.0
251.36	-22.9	425.0	156.1	0.0	0.0	0.0
252.1	0.0	0.0	0.0	0.0	0.0	0.0
252.2	0.0	0.0	0.0	0.0	0.0	0.0
252.3	0.0	0.0	0.0	0.0	0.0	0.0
252.4	0.0	0.0	0.0	0.0	0.0	0.0
252.5	72.8	-110.4	-298.2	0.0	0.0	0.0
252.6	67.0	-42.7	-283.4	0.0	0.0	0.0
252.7	-67.0	42.7	283.4	0.0	0.0	0.0
252.8	-72.8	110.4	298.2	0.0	0.0	0.0
252.9	65.9	-203.0	-297.5	0.0	0.0	0.0
252.10	74.0	50.0	-284.1	0.0	0.0	0.0
252.11	-74.0	-50.0	284.1	0.0	0.0	0.0
252.12	-65.9	203.0	297.5	0.0	0.0	0.0
252.13	97.2	31.0	-459.4	0.0	0.0	0.0
252.14	91.4	98.7	-444.6	0.0	0.0	0.0
252.15	-91.4	-98.7	444.6	0.0	0.0	0.0
252.16	-97.2	-31.0	459.4	0.0	0.0	0.0
252.17	90.2	-61.6	-458.7	0.0	0.0	0.0
252.18	98.4	191.4	-445.3	0.0	0.0	0.0
252.19	-98.4	-191.4	445.3	0.0	0.0	0.0
252.20	-90.2	61.6	458.7	0.0	0.0	0.0
252.21	30.7	-135.9	-112.0	0.0	0.0	0.0
252.22	11.3	90.0	-62.5	0.0	0.0	0.0
252.23	-11.3	-90.0	62.5	0.0	0.0	0.0
252.24	-30.7	135.9	112.0	0.0	0.0	0.0
252.25	38.0	-93.5	-160.4	0.0	0.0	0.0
252.26	18.6	132.4	-110.8	0.0	0.0	0.0
252.27	-18.6	-132.4	110.8	0.0	0.0	0.0
252.28	-38.0	93.5	160.4	0.0	0.0	0.0
252.29	7.4	-444.6	-109.5	0.0	0.0	0.0
252.30	34.6	398.7	-65.0	0.0	0.0	0.0
252.31	-34.6	-398.7	65.0	0.0	0.0	0.0
252.32	-7.4	444.6	109.5	0.0	0.0	0.0
252.33	14.7	-402.2	-157.9	0.0	0.0	0.0
252.34	41.9	441.1	-113.3	0.0	0.0	0.0
252.35	-41.9	-441.1	113.3	0.0	0.0	0.0
252.36	-14.7	402.2	157.9	0.0	0.0	0.0
253.1	0.0	0.0	0.0	0.0	0.0	0.0
253.2	0.0	0.0	0.0	0.0	0.0	0.0

253.3	0.0	0.0	0.0	0.0	0.0	0.0
253.4	0.0	0.0	0.0	0.0	0.0	0.0
253.5	-60.9	53.5	-261.5	0.0	0.0	0.0
253.6	-64.1	125.7	-245.9	0.0	0.0	0.0
253.7	64.1	-125.7	245.9	0.0	0.0	0.0
253.8	60.9	-53.5	261.5	0.0	0.0	0.0
253.9	-60.4	-37.3	-260.9	0.0	0.0	0.0
253.10	-64.6	216.5	-246.5	0.0	0.0	0.0
253.11	64.6	-216.5	246.5	0.0	0.0	0.0
253.12	60.4	37.3	260.9	0.0	0.0	0.0
253.13	-87.4	-133.5	-444.6	0.0	0.0	0.0
253.14	-90.6	-61.3	-428.9	0.0	0.0	0.0
253.15	90.6	61.3	428.9	0.0	0.0	0.0
253.16	87.4	133.5	444.6	0.0	0.0	0.0
253.17	-86.9	-224.3	-444.0	0.0	0.0	0.0
253.18	-91.1	29.5	-429.5	0.0	0.0	0.0
253.19	91.1	-29.5	429.5	0.0	0.0	0.0
253.20	86.9	224.3	444.0	0.0	0.0	0.0
253.21	-13.4	-93.4	-102.2	0.0	0.0	0.0
253.22	-24.1	147.1	-50.0	0.0	0.0	0.0
253.23	24.1	-147.1	50.0	0.0	0.0	0.0
253.24	13.4	93.4	102.2	0.0	0.0	0.0
253.25	-21.4	-149.5	-157.1	0.0	0.0	0.0
253.26	-32.0	91.0	-104.9	0.0	0.0	0.0
253.27	32.0	-91.0	104.9	0.0	0.0	0.0
253.28	21.4	149.5	157.1	0.0	0.0	0.0
253.29	-11.8	-396.0	-100.1	0.0	0.0	0.0
253.30	-25.7	449.8	-52.1	0.0	0.0	0.0
253.31	25.7	-449.8	52.1	0.0	0.0	0.0
253.32	11.8	396.0	100.1	0.0	0.0	0.0
253.33	-19.8	-452.1	-155.1	0.0	0.0	0.0
253.34	-33.7	393.7	-107.0	0.0	0.0	0.0
253.35	33.7	-393.7	107.0	0.0	0.0	0.0
253.36	19.8	452.1	155.1	0.0	0.0	0.0
254.1	0.0	0.0	0.0	0.0	0.0	0.0
254.2	0.0	0.0	0.0	0.0	0.0	0.0
254.3	0.0	0.0	0.0	0.0	0.0	0.0
254.4	0.0	0.0	0.0	0.0	0.0	0.0
254.5	52.1	-132.0	-223.0	0.0	0.0	0.0
254.6	56.3	-59.5	-201.5	0.0	0.0	0.0
254.7	-56.3	59.5	201.5	0.0	0.0	0.0
254.8	-52.1	132.0	223.0	0.0	0.0	0.0
254.9	52.0	-221.8	-221.1	0.0	0.0	0.0
254.10	56.4	30.3	-203.3	0.0	0.0	0.0
254.11	-56.4	-30.3	203.3	0.0	0.0	0.0
254.12	-52.0	221.8	221.1	0.0	0.0	0.0
254.13	81.3	-148.9	-422.3	0.0	0.0	0.0
254.14	85.5	-76.5	-400.8	0.0	0.0	0.0
254.15	-85.5	76.5	400.8	0.0	0.0	0.0
254.16	-81.3	148.9	422.3	0.0	0.0	0.0
254.17	81.2	-238.7	-420.4	0.0	0.0	0.0
254.18	85.6	13.3	-402.6	0.0	0.0	0.0
254.19	-85.6	-13.3	402.6	0.0	0.0	0.0
254.20	-81.2	238.7	420.4	0.0	0.0	0.0
254.21	9.2	-149.5	-99.5	0.0	0.0	0.0
254.22	23.3	92.0	-27.8	0.0	0.0	0.0
254.23	-23.3	-92.0	27.8	0.0	0.0	0.0
254.24	-9.2	149.5	99.5	0.0	0.0	0.0
254.25	17.9	-154.6	-159.3	0.0	0.0	0.0
254.26	32.1	86.9	-87.6	0.0	0.0	0.0
254.27	-32.1	-86.9	87.6	0.0	0.0	0.0
254.28	-17.9	154.6	159.3	0.0	0.0	0.0

254.29	8.9	-448.8	-93.4	0.0	0.0	0.0
254.30	23.6	391.4	-33.9	0.0	0.0	0.0
254.31	-23.6	-391.4	33.9	0.0	0.0	0.0
254.32	-8.9	448.8	93.4	0.0	0.0	0.0
254.33	17.7	-453.9	-153.2	0.0	0.0	0.0
254.34	32.3	386.3	-93.7	0.0	0.0	0.0
254.35	-32.3	-386.3	93.7	0.0	0.0	0.0
254.36	-17.7	453.9	153.2	0.0	0.0	0.0
255.1	0.0	0.0	0.0	0.0	0.0	0.0
255.2	0.0	0.0	0.0	0.0	0.0	0.0
255.3	0.0	0.0	0.0	0.0	0.0	0.0
255.4	0.0	0.0	0.0	0.0	0.0	0.0
255.5	50.7	-124.5	-187.0	0.0	0.0	0.0
255.6	42.0	-55.7	-158.2	0.0	0.0	0.0
255.7	-42.0	55.7	158.2	0.0	0.0	0.0
255.8	-50.7	124.5	187.0	0.0	0.0	0.0
255.9	51.7	-214.4	-184.0	0.0	0.0	0.0
255.10	41.1	34.3	-161.2	0.0	0.0	0.0
255.11	-41.1	-34.3	161.2	0.0	0.0	0.0
255.12	-51.7	214.4	184.0	0.0	0.0	0.0
255.13	82.6	-142.1	-399.7	0.0	0.0	0.0
255.14	73.9	-73.3	-371.0	0.0	0.0	0.0
255.15	-73.9	73.3	371.0	0.0	0.0	0.0
255.16	-82.6	142.1	399.7	0.0	0.0	0.0
255.17	83.6	-232.0	-396.8	0.0	0.0	0.0
255.18	72.9	16.6	-374.0	0.0	0.0	0.0
255.19	-72.9	-16.6	374.0	0.0	0.0	0.0
255.20	-83.6	232.0	396.8	0.0	0.0	0.0
255.21	28.4	-141.7	-99.6	0.0	0.0	0.0
255.22	-0.6	87.7	-3.9	0.0	0.0	0.0
255.23	0.6	-87.7	3.9	0.0	0.0	0.0
255.24	-28.4	141.7	99.6	0.0	0.0	0.0
255.25	37.9	-147.0	-163.5	0.0	0.0	0.0
255.26	9.0	82.4	-67.7	0.0	0.0	0.0
255.27	-9.0	-82.4	67.7	0.0	0.0	0.0
255.28	-37.9	147.0	163.5	0.0	0.0	0.0
255.29	31.7	-441.4	-89.8	0.0	0.0	0.0
255.30	-3.9	387.4	-13.7	0.0	0.0	0.0
255.31	3.9	-387.4	13.7	0.0	0.0	0.0
255.32	-31.7	441.4	89.8	0.0	0.0	0.0
255.33	41.2	-446.7	-153.7	0.0	0.0	0.0
255.34	5.7	382.1	-77.6	0.0	0.0	0.0
255.35	-5.7	-382.1	77.6	0.0	0.0	0.0
255.36	-41.2	446.7	153.7	0.0	0.0	0.0
256.1	0.0	0.0	0.0	0.0	0.0	0.0
256.2	0.0	0.0	0.0	0.0	0.0	0.0
256.3	0.0	0.0	0.0	0.0	0.0	0.0
256.4	0.0	0.0	0.0	0.0	0.0	0.0
256.5	35.6	42.9	-156.1	0.0	0.0	0.0
256.6	44.7	104.4	-124.1	0.0	0.0	0.0
256.7	-44.7	-104.4	124.1	0.0	0.0	0.0
256.8	-35.6	-42.9	156.1	0.0	0.0	0.0
256.9	34.9	-48.5	-153.6	0.0	0.0	0.0
256.10	45.5	195.8	-126.7	0.0	0.0	0.0
256.11	-45.5	-195.8	126.7	0.0	0.0	0.0
256.12	-34.9	48.5	153.6	0.0	0.0	0.0
256.13	69.8	-112.5	-380.4	0.0	0.0	0.0
256.14	78.8	-50.9	-348.4	0.0	0.0	0.0
256.15	-78.8	50.9	348.4	0.0	0.0	0.0
256.16	-69.8	112.5	380.4	0.0	0.0	0.0
256.17	69.0	-203.9	-377.8	0.0	0.0	0.0
256.18	79.6	40.5	-350.9	0.0	0.0	0.0

256.19	-79.6	-40.5	350.9	0.0	0.0	0.0
256.20	-69.0	203.9	377.8	0.0	0.0	0.0
256.21	-3.1	-80.5	-95.4	0.0	0.0	0.0
256.22	27.2	124.7	11.3	0.0	0.0	0.0
256.23	-27.2	-124.7	-11.3	0.0	0.0	0.0
256.24	3.1	80.5	95.4	0.0	0.0	0.0
256.25	7.2	-127.1	-162.7	0.0	0.0	0.0
256.26	37.4	78.1	-56.0	0.0	0.0	0.0
256.27	-37.4	-78.1	56.0	0.0	0.0	0.0
256.28	-7.2	127.1	162.7	0.0	0.0	0.0
256.29	-5.7	-385.1	-86.9	0.0	0.0	0.0
256.30	29.8	429.3	2.9	0.0	0.0	0.0
256.31	-29.8	-429.3	-2.9	0.0	0.0	0.0
256.32	5.7	385.1	86.9	0.0	0.0	0.0
256.33	4.5	-431.7	-154.2	0.0	0.0	0.0
256.34	40.0	382.7	-64.4	0.0	0.0	0.0
256.35	-40.0	-382.7	64.4	0.0	0.0	0.0
256.36	-4.5	431.7	154.2	0.0	0.0	0.0
257.1	0.0	0.0	0.0	0.0	0.0	0.0
257.2	0.0	0.0	0.0	0.0	0.0	0.0
257.3	0.0	0.0	0.0	0.0	0.0	0.0
257.4	0.0	0.0	0.0	0.0	0.0	0.0
257.5	33.9	38.0	-130.9	0.0	0.0	0.0
257.6	37.7	93.0	-102.6	0.0	0.0	0.0
257.7	-37.7	-93.0	102.6	0.0	0.0	0.0
257.8	-33.9	-38.0	130.9	0.0	0.0	0.0
257.9	37.5	-52.3	-131.0	0.0	0.0	0.0
257.10	34.1	183.3	-102.4	0.0	0.0	0.0
257.11	-34.1	-183.3	102.4	0.0	0.0	0.0
257.12	-37.5	52.3	131.0	0.0	0.0	0.0
257.13	69.3	-100.1	-360.2	0.0	0.0	0.0
257.14	73.1	-45.1	-332.0	0.0	0.0	0.0
257.15	-73.1	45.1	332.0	0.0	0.0	0.0
257.16	-69.3	100.1	360.2	0.0	0.0	0.0
257.17	72.9	-190.4	-360.4	0.0	0.0	0.0
257.18	69.5	45.2	-331.8	0.0	0.0	0.0
257.19	-69.5	-45.2	331.8	0.0	0.0	0.0
257.20	-72.9	190.4	360.4	0.0	0.0	0.0
257.21	4.4	-72.1	-82.1	0.0	0.0	0.0
257.22	17.1	111.4	12.1	0.0	0.0	0.0
257.23	-17.1	-111.4	-12.1	0.0	0.0	0.0
257.24	-4.4	72.1	82.1	0.0	0.0	0.0
257.25	15.0	-113.5	-150.9	0.0	0.0	0.0
257.26	27.7	69.9	-56.7	0.0	0.0	0.0
257.27	-27.7	-69.9	56.7	0.0	0.0	0.0
257.28	-15.0	113.5	150.9	0.0	0.0	0.0
257.29	16.4	-373.0	-82.7	0.0	0.0	0.0
257.30	5.1	412.3	12.6	0.0	0.0	0.0
257.31	-5.1	-412.3	-12.6	0.0	0.0	0.0
257.32	-16.4	373.0	82.7	0.0	0.0	0.0
257.33	27.0	-414.4	-151.5	0.0	0.0	0.0
257.34	15.7	370.8	-56.2	0.0	0.0	0.0
257.35	-15.7	-370.8	56.2	0.0	0.0	0.0
257.36	-27.0	414.4	151.5	0.0	0.0	0.0
258.1	0.0	0.0	0.0	0.0	0.0	0.0
258.2	0.0	0.0	0.0	0.0	0.0	0.0
258.3	0.0	0.0	0.0	0.0	0.0	0.0
258.4	0.0	0.0	0.0	0.0	0.0	0.0
258.5	-32.9	-109.0	-97.0	0.0	0.0	0.0
258.6	-27.8	-53.8	-76.1	0.0	0.0	0.0
258.7	27.8	53.8	76.1	0.0	0.0	0.0
258.8	32.9	109.0	97.0	0.0	0.0	0.0

258.9	-26.9	-194.0	-98.9	0.0	0.0	0.0
258.10	-33.9	31.3	-74.2	0.0	0.0	0.0
258.11	33.9	-31.3	74.2	0.0	0.0	0.0
258.12	26.9	194.0	98.9	0.0	0.0	0.0
258.13	-69.7	-130.7	-313.0	0.0	0.0	0.0
258.14	-64.6	-75.5	-292.1	0.0	0.0	0.0
258.15	64.6	75.5	292.1	0.0	0.0	0.0
258.16	69.7	130.7	313.0	0.0	0.0	0.0
258.17	-63.6	-215.7	-314.9	0.0	0.0	0.0
258.18	-70.6	9.6	-290.2	0.0	0.0	0.0
258.19	70.6	-9.6	290.2	0.0	0.0	0.0
258.20	63.6	215.7	314.9	0.0	0.0	0.0
258.21	-17.6	-116.4	-60.8	0.0	0.0	0.0
258.22	-0.6	67.6	8.8	0.0	0.0	0.0
258.23	0.6	-67.6	-8.8	0.0	0.0	0.0
258.24	17.6	116.4	60.8	0.0	0.0	0.0
258.25	-28.6	-122.9	-125.6	0.0	0.0	0.0
258.26	-11.6	61.1	-56.0	0.0	0.0	0.0
258.27	11.6	-61.1	56.0	0.0	0.0	0.0
258.28	28.6	122.9	125.6	0.0	0.0	0.0
258.29	2.6	-399.9	-67.1	0.0	0.0	0.0
258.30	-20.8	351.1	15.1	0.0	0.0	0.0
258.31	20.8	-351.1	-15.1	0.0	0.0	0.0
258.32	-2.6	399.9	67.1	0.0	0.0	0.0
258.33	-8.4	-406.4	-131.9	0.0	0.0	0.0
258.34	-31.8	344.6	-49.7	0.0	0.0	0.0
258.35	31.8	-344.6	49.7	0.0	0.0	0.0
258.36	8.4	406.4	131.9	0.0	0.0	0.0
259.1	0.0	0.0	0.0	0.0	0.0	0.0
259.2	0.0	0.0	0.0	0.0	0.0	0.0
259.3	0.0	0.0	0.0	0.0	0.0	0.0
259.4	0.0	0.0	0.0	0.0	0.0	0.0
259.5	21.0	55.1	-60.0	0.0	0.0	0.0
259.6	28.4	109.4	-47.5	0.0	0.0	0.0
259.7	-28.4	-109.4	47.5	0.0	0.0	0.0
259.8	-21.0	-55.1	60.0	0.0	0.0	0.0
259.9	20.1	-28.3	-62.4	0.0	0.0	0.0
259.10	29.3	192.8	-45.1	0.0	0.0	0.0
259.11	-29.3	-192.8	45.1	0.0	0.0	0.0
259.12	-20.1	28.3	62.4	0.0	0.0	0.0
259.13	60.6	76.3	-254.4	0.0	0.0	0.0
259.14	68.0	130.6	-241.9	0.0	0.0	0.0
259.15	-68.0	-130.6	241.9	0.0	0.0	0.0
259.16	-60.6	-76.3	254.4	0.0	0.0	0.0
259.17	59.7	-7.1	-256.8	0.0	0.0	0.0
259.18	68.9	214.0	-239.5	0.0	0.0	0.0
259.19	-68.9	-214.0	239.5	0.0	0.0	0.0
259.20	-59.7	7.1	256.8	0.0	0.0	0.0
259.21	-4.8	-65.8	-36.9	0.0	0.0	0.0
259.22	19.7	115.2	4.6	0.0	0.0	0.0
259.23	-19.7	-115.2	-4.6	0.0	0.0	0.0
259.24	4.8	65.8	36.9	0.0	0.0	0.0
259.25	7.0	-59.4	-95.2	0.0	0.0	0.0
259.26	31.6	121.5	-53.7	0.0	0.0	0.0
259.27	-31.6	-121.5	53.7	0.0	0.0	0.0
259.28	-7.0	59.4	95.2	0.0	0.0	0.0
259.29	-8.0	-343.8	-44.9	0.0	0.0	0.0
259.30	22.8	393.2	12.7	0.0	0.0	0.0
259.31	-22.8	-393.2	-12.7	0.0	0.0	0.0
259.32	8.0	343.8	44.9	0.0	0.0	0.0
259.33	3.9	-337.5	-103.3	0.0	0.0	0.0
259.34	34.7	399.6	-45.6	0.0	0.0	0.0

259.35	-34.7	-399.6	45.6	0.0	0.0	0.0
259.36	-3.9	337.5	103.3	0.0	0.0	0.0
260.1	0.0	0.0	0.0	0.0	0.0	0.0
260.2	0.0	0.0	0.0	0.0	0.0	0.0
260.3	0.0	0.0	0.0	0.0	0.0	0.0
260.4	0.0	0.0	0.0	0.0	0.0	0.0
260.5	24.7	-77.0	-29.5	0.0	0.0	0.0
260.6	12.3	-30.9	-22.1	0.0	0.0	0.0
260.7	-12.3	30.9	22.1	0.0	0.0	0.0
260.8	-24.7	77.0	29.5	0.0	0.0	0.0
260.9	10.8	-148.9	-30.9	0.0	0.0	0.0
260.10	26.2	41.1	-20.7	0.0	0.0	0.0
260.11	-26.2	-41.1	20.7	0.0	0.0	0.0
260.12	-10.8	148.9	30.9	0.0	0.0	0.0
260.13	-51.1	-85.5	-194.0	0.0	0.0	0.0
260.14	-63.4	-39.3	-186.5	0.0	0.0	0.0
260.15	63.4	39.3	186.5	0.0	0.0	0.0
260.16	51.1	85.5	194.0	0.0	0.0	0.0
260.17	-65.0	-157.4	-195.4	0.0	0.0	0.0
260.18	-49.5	32.6	-185.2	0.0	0.0	0.0
260.19	49.5	-32.6	185.2	0.0	0.0	0.0
260.20	65.0	157.4	195.4	0.0	0.0	0.0
260.21	26.1	-93.0	-20.2	0.0	0.0	0.0
260.22	-15.0	60.7	4.7	0.0	0.0	0.0
260.23	15.0	-60.7	-4.7	0.0	0.0	0.0
260.24	-26.1	93.0	20.2	0.0	0.0	0.0
260.25	3.4	-95.6	-69.6	0.0	0.0	0.0
260.26	-37.8	58.1	-44.6	0.0	0.0	0.0
260.27	37.8	-58.1	44.6	0.0	0.0	0.0
260.28	-3.4	95.6	69.6	0.0	0.0	0.0
260.29	-20.2	-332.8	-24.7	0.0	0.0	0.0
260.30	31.3	300.4	9.2	0.0	0.0	0.0
260.31	-31.3	-300.4	-9.2	0.0	0.0	0.0
260.32	20.2	332.8	24.7	0.0	0.0	0.0
260.33	-42.9	-335.3	-74.0	0.0	0.0	0.0
260.34	8.6	297.9	-40.1	0.0	0.0	0.0
260.35	-8.6	-297.9	40.1	0.0	0.0	0.0
260.36	42.9	335.3	74.0	0.0	0.0	0.0
261.1	0.0	0.0	0.0	0.0	0.0	0.0
261.2	0.0	0.0	0.0	0.0	0.0	0.0
261.3	0.0	0.0	0.0	0.0	0.0	0.0
261.4	0.0	0.0	0.0	0.0	0.0	0.0
261.5	-3.3	118.8	86.6	0.0	0.0	0.0
261.6	-31.1	-175.9	-23.5	0.0	0.0	0.0
261.7	31.1	175.9	23.5	0.0	0.0	0.0
261.8	3.3	-118.8	-86.6	0.0	0.0	0.0
261.9	-28.0	-11.0	47.9	0.0	0.0	0.0
261.10	-6.4	-46.1	15.2	0.0	0.0	0.0
261.11	6.4	46.1	-15.2	0.0	0.0	0.0
261.12	28.0	11.0	-47.9	0.0	0.0	0.0
261.13	63.9	-709.9	268.8	0.0	0.0	0.0
261.14	36.1	-1004.7	158.6	0.0	0.0	0.0
261.15	-36.1	1004.7	-158.6	0.0	0.0	0.0
261.16	-63.9	709.9	-268.8	0.0	0.0	0.0
261.17	39.1	-839.7	230.0	0.0	0.0	0.0
261.18	60.8	-874.8	197.4	0.0	0.0	0.0
261.19	-60.8	874.8	-197.4	0.0	0.0	0.0
261.20	-39.1	839.7	-230.0	0.0	0.0	0.0
261.21	41.2	482.7	193.0	0.0	0.0	0.0
261.22	-51.5	-499.8	-174.1	0.0	0.0	0.0
261.23	51.5	499.8	174.1	0.0	0.0	0.0
261.24	-41.2	-482.7	-193.0	0.0	0.0	0.0

261.25	61.3	234.1	247.7	0.0	0.0	0.0
261.26	-31.3	-748.4	-119.4	0.0	0.0	0.0
261.27	31.3	748.4	119.4	0.0	0.0	0.0
261.28	-61.3	-234.1	-247.7	0.0	0.0	0.0
261.29	-41.2	49.9	63.9	0.0	0.0	0.0
261.30	30.9	-67.0	-44.9	0.0	0.0	0.0
261.31	-30.9	67.0	44.9	0.0	0.0	0.0
261.32	41.2	-49.9	-63.9	0.0	0.0	0.0
261.33	-21.1	-198.7	118.5	0.0	0.0	0.0
261.34	51.1	-315.6	9.7	0.0	0.0	0.0
261.35	-51.1	315.6	-9.7	0.0	0.0	0.0
261.36	21.1	198.7	-118.5	0.0	0.0	0.0
262.1	0.0	0.0	0.0	0.0	0.0	0.0
262.2	0.0	0.0	0.0	0.0	0.0	0.0
262.3	0.0	0.0	0.0	0.0	0.0	0.0
262.4	0.0	0.0	0.0	0.0	0.0	0.0
262.5	-30.5	-61.9	-19.7	0.0	0.0	0.0
262.6	-8.6	-25.3	-51.1	0.0	0.0	0.0
262.7	8.6	25.3	51.1	0.0	0.0	0.0
262.8	30.5	61.9	19.7	0.0	0.0	0.0
262.9	-5.0	-213.6	22.0	0.0	0.0	0.0
262.10	-34.1	126.5	-92.8	0.0	0.0	0.0
262.11	34.1	-126.5	92.8	0.0	0.0	0.0
262.12	5.0	213.6	-22.0	0.0	0.0	0.0
262.13	46.4	-984.1	-222.9	0.0	0.0	0.0
262.14	68.3	-947.5	-254.2	0.0	0.0	0.0
262.15	-68.3	947.5	254.2	0.0	0.0	0.0
262.16	-46.4	984.1	222.9	0.0	0.0	0.0
262.17	71.9	-1135.8	-181.2	0.0	0.0	0.0
262.18	42.8	-795.7	-295.9	0.0	0.0	0.0
262.19	-42.8	795.7	295.9	0.0	0.0	0.0
262.20	-71.9	1135.8	181.2	0.0	0.0	0.0
262.21	-42.4	-74.0	41.7	0.0	0.0	0.0
262.22	30.7	47.9	-62.9	0.0	0.0	0.0
262.23	-30.7	-47.9	62.9	0.0	0.0	0.0
262.24	42.4	74.0	-41.7	0.0	0.0	0.0
262.25	-19.4	-350.7	-19.3	0.0	0.0	0.0
262.26	53.8	-228.8	-123.8	0.0	0.0	0.0
262.27	-53.8	228.8	123.8	0.0	0.0	0.0
262.28	19.4	350.7	19.3	0.0	0.0	0.0
262.29	42.5	-579.9	180.6	0.0	0.0	0.0
262.30	-54.3	553.8	-201.9	0.0	0.0	0.0
262.31	54.3	-553.8	201.9	0.0	0.0	0.0
262.32	-42.5	579.9	-180.6	0.0	0.0	0.0
262.33	65.6	-856.6	119.7	0.0	0.0	0.0
262.34	-31.2	277.1	-262.8	0.0	0.0	0.0
262.35	31.2	-277.1	262.8	0.0	0.0	0.0
262.36	-65.6	856.6	-119.7	0.0	0.0	0.0
263.1	0.0	0.0	0.0	0.0	0.0	0.0
263.2	0.0	0.0	0.0	0.0	0.0	0.0
263.3	0.0	0.0	0.0	0.0	0.0	0.0
263.4	0.0	0.0	0.0	0.0	0.0	0.0
263.5	78.9	2172.8	294.6	0.0	0.0	0.0
263.6	41.0	1859.0	406.5	0.0	0.0	0.0
263.7	-41.0	-1859.0	-406.5	0.0	0.0	0.0
263.8	-78.9	-2172.8	-294.6	0.0	0.0	0.0
263.9	46.6	2035.4	335.7	0.0	0.0	0.0
263.10	73.3	1996.4	365.5	0.0	0.0	0.0
263.11	-73.3	-1996.4	-365.5	0.0	0.0	0.0
263.12	-46.6	-2035.4	-335.7	0.0	0.0	0.0
263.13	40.0	206.3	-15.9	0.0	0.0	0.0
263.14	2.1	-107.5	95.9	0.0	0.0	0.0

263.15	-2.1	107.5	-95.9	0.0	0.0	0.0
263.16	-40.0	-206.3	15.9	0.0	0.0	0.0
263.17	7.7	68.9	25.1	0.0	0.0	0.0
263.18	34.4	29.9	54.9	0.0	0.0	0.0
263.19	-34.4	-29.9	-54.9	0.0	0.0	0.0
263.20	-7.7	-68.9	-25.1	0.0	0.0	0.0
263.21	81.1	1127.8	-81.2	0.0	0.0	0.0
263.22	-45.1	81.8	291.6	0.0	0.0	0.0
263.23	45.1	-81.8	-291.6	0.0	0.0	0.0
263.24	-81.1	-1127.8	81.2	0.0	0.0	0.0
263.25	69.4	537.8	-174.4	0.0	0.0	0.0
263.26	-56.8	-508.2	198.4	0.0	0.0	0.0
263.27	56.8	508.2	-198.4	0.0	0.0	0.0
263.28	-69.4	-537.8	174.4	0.0	0.0	0.0
263.29	-26.5	669.7	55.5	0.0	0.0	0.0
263.30	62.5	539.8	154.9	0.0	0.0	0.0
263.31	-62.5	-539.8	-154.9	0.0	0.0	0.0
263.32	26.5	-669.7	-55.5	0.0	0.0	0.0
263.33	-38.2	79.8	-37.7	0.0	0.0	0.0
263.34	50.8	-50.1	61.7	0.0	0.0	0.0
263.35	-50.8	50.1	-61.7	0.0	0.0	0.0
263.36	38.2	-79.8	37.7	0.0	0.0	0.0
264.1	0.0	0.0	0.0	0.0	0.0	0.0
264.2	0.0	0.0	0.0	0.0	0.0	0.0
264.3	0.0	0.0	0.0	0.0	0.0	0.0
264.4	0.0	0.0	0.0	0.0	0.0	0.0
264.5	52.8	1953.2	-374.7	0.0	0.0	0.0
264.6	75.4	2002.2	-345.8	0.0	0.0	0.0
264.7	-75.4	-2002.2	345.8	0.0	0.0	0.0
264.8	-52.8	-1953.2	374.7	0.0	0.0	0.0
264.9	79.5	1794.1	-420.3	0.0	0.0	0.0
264.10	48.7	2161.3	-300.3	0.0	0.0	0.0
264.11	-48.7	-2161.3	300.3	0.0	0.0	0.0
264.12	-79.5	-1794.1	420.3	0.0	0.0	0.0
264.13	-27.2	13.9	-41.4	0.0	0.0	0.0
264.14	-4.6	63.0	-12.4	0.0	0.0	0.0
264.15	4.6	-63.0	12.4	0.0	0.0	0.0
264.16	27.2	-13.9	41.4	0.0	0.0	0.0
264.17	-0.5	-145.1	-86.9	0.0	0.0	0.0
264.18	-31.3	222.1	33.1	0.0	0.0	0.0
264.19	31.3	-222.1	-33.1	0.0	0.0	0.0
264.20	0.5	145.1	86.9	0.0	0.0	0.0
264.21	-18.5	511.6	-156.3	0.0	0.0	0.0
264.22	56.9	675.1	-59.9	0.0	0.0	0.0
264.23	-56.9	-675.1	59.9	0.0	0.0	0.0
264.24	18.5	-511.6	156.3	0.0	0.0	0.0
264.25	-42.5	-70.2	-56.3	0.0	0.0	0.0
264.26	32.9	93.3	40.1	0.0	0.0	0.0
264.27	-32.9	-93.3	-40.1	0.0	0.0	0.0
264.28	42.5	70.2	56.3	0.0	0.0	0.0
264.29	70.5	-18.7	-308.0	0.0	0.0	0.0
264.30	-32.1	1205.4	91.8	0.0	0.0	0.0
264.31	32.1	-1205.4	-91.8	0.0	0.0	0.0
264.32	-70.5	18.7	308.0	0.0	0.0	0.0
264.33	46.5	-600.5	-208.0	0.0	0.0	0.0
264.34	-56.1	623.6	191.9	0.0	0.0	0.0
264.35	56.1	-623.6	-191.9	0.0	0.0	0.0
264.36	-46.5	600.5	208.0	0.0	0.0	0.0

Calcolo resistenze

Resistenza a trazione dei bulloni

$$F_{tb,Rd} = 0.9 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$$

90333.1 N

Resistenza a punzonamento flangia

$$B_{pf,Rd} = 0.6 \cdot \pi \cdot d_m \cdot t_f \cdot f_{tk} / \gamma_{M2} =$$

124497.5 N

Bull.	$F_{f,Rd}$ [N]	$F_{t,Rd}$ [N]
1	10728.1	10728.1
2	10728.1	10728.1
3	10728.1	10728.1
4	10728.1	10728.1

Legenda

$F_{f,Rd} = M_{res,m} / (B_m \cdot R_m)$ resistenza a flessione flangia

$F_{t,Rd} = \min [F_{tb,Rd}, B_{pf,Rd}, F_{f,Rd}]$ resistenza a trazione di progetto

Resistenza a taglio dei bulloni

$$F_{vb,Rd} = 0.6 \cdot f_{tb} \cdot A_{res} / \gamma_{M2} =$$

60222.1 N

Bull.	$F_{bf,x,Rd}$ [N]	$F_{v,x,Rd}$ [N]	$F_{bf,y,Rd}$ [N]	$F_{v,y,Rd}$ [N]
1	29237.3	29237.3	29237.3	29237.3
2	29237.3	29237.3	29237.3	29237.3
3	29237.3	29237.3	29237.3	29237.3
4	29237.3	29237.3	29237.3	29237.3

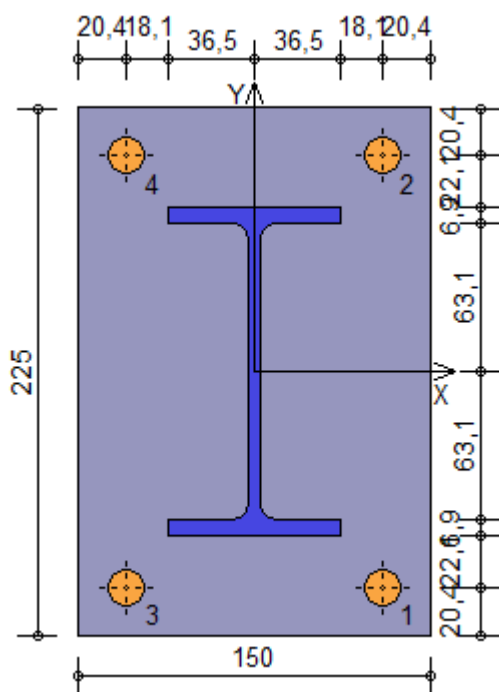
Legenda

$F_{bf,x,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \emptyset \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione x

$F_{v,x,Rd} = \min [F_{vb,Rd}, F_{bf,x,Rd}]$ resistenza a taglio di progetto in direzione x

$F_{bf,y,Rd} = k \cdot \alpha \cdot f_{tk} \cdot \emptyset \cdot t_f / \gamma_{M2}$ resistenza a rifollamento flangia in direzione y

$F_{v,y,Rd} = \min [F_{vb,Rd}, F_{bf,y,Rd}]$ resistenza a taglio di progetto in direzione y



Verifiche sui bulloni

1-Taglio e trazione (Nodo n. 204, CMB n. 2)

Bull.	X [mm]	Y [mm]	$F_{v,Ed}$ [N]	$F_{v,Rd}$ [N]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_1	VER
1	54.60	-92.10	994.3	29237.3	0.0	10728.1	0.034008	Ok
2	54.60	92.10	994.3	29237.3	6811.6	10728.1	0.487528	Ok
3	-54.60	-92.10	994.4	29237.3	0.0	10728.1	0.034010	Ok
4	-54.60	92.10	994.4	29237.3	6811.6	10728.1	0.487531	Ok

2-Trazione (Nodo n. 193, CMB n. 10)

Bull.	X [mm]	Y [mm]	$F_{t,Ed}$ [N]	$F_{t,Rd}$ [N]	FV_2	VER
1	54.60	-92.10	0.0	10728.1	0.000000	Ok
2	54.60	92.10	883.3	10728.1	0.082336	Ok
3	-54.60	-92.10	1751.2	10728.1	0.163237	Ok
4	-54.60	92.10	6942.0	10728.1	0.647088	Ok

Legenda

$F_{v,Ed}$ forza di taglio agente sul bullone

$F_{v,Rd}$ resistenza a taglio di progetto del bullone

$F_{t,Ed}$ forza di trazione agente sul bullone
 $F_{t,Rd}$ resistenza a trazione di progetto del bullone
 $FV_1 = F_{v,Ed} / F_{v,Rd} + F_{t,Ed} / (1.4 \cdot F_{t,Rd})$
 $FV_2 = F_{t,Ed} / F_{t,Rd}$
 $VER \rightarrow FV_i \leq 1$

Verifiche sulle saldature profilo-flangia (versione beta)

Si considera la sezione di gola (avente altezza $a = s_c / 2^{0.5} = 5.657$) in posizione ribaltata: vengono considerate positive le tensioni normali di trazione e le tensioni tangenziali agenti verso destra e verso il basso. Tutte le tensioni sono espresse in N/mm².

Verifica formula (4.2.84) (Nodo n. 193, CMB n. 7)

Cordoni	Lung.[mm]	n_{\perp}	t_{\perp}	τ_{\parallel}	FV_1	VER_1
Ala inferiore esterno	73.0	-54.57	0.00	-0.51	54.57	Ok
Ala inferiore interno lato destro	27.2	36.41	0.00	-0.51	36.41	Ok
Ala inferiore interno lato sinistro	27.2	-52.85	0.00	-0.51	52.85	Ok
Anima lato destro	112.2	7.68	0.00	1.40	7.81	Ok
Anima lato sinistro	112.2	7.68	0.00	1.40	7.81	Ok
Ala superiore interno lato destro	27.2	52.88	0.00	-0.51	52.88	Ok
Ala superiore interno lato sinistro	27.2	-36.38	0.00	-0.51	36.38	Ok
Ala superiore esterno	73.0	-34.66	0.00	-0.51	34.67	Ok

Verifica formula (4.2.85) (Nodo n. 193, CMB n. 7)

Cordoni	Lung.[mm]	n_{\perp}	t_{\perp}	τ_{\parallel}	FV_2	VER_2
Ala inferiore esterno	73.0	-54.57	0.00	-0.51	54.57	Ok
Ala inferiore interno lato destro	27.2	36.41	0.00	-0.51	36.41	Ok
Ala inferiore interno lato sinistro	27.2	-52.85	0.00	-0.51	52.85	Ok
Anima lato destro	112.2	7.68	0.00	1.40	7.68	Ok
Anima lato sinistro	112.2	7.68	0.00	1.40	7.68	Ok
Ala superiore interno lato destro	27.2	52.88	0.00	-0.51	52.88	Ok
Ala superiore interno lato sinistro	27.2	-36.38	0.00	-0.51	36.38	Ok
Ala superiore esterno	73.0	-34.66	0.00	-0.51	34.66	Ok

Legenda

n_{\perp} tensione normale perpendicolare all'asse del cordone

t_{\perp} tensione tangenziale perpendicolare all'asse del cordone

τ_{\parallel} tensione tangenziale parallela all'asse del cordone

$$FV_1 = (n_{\perp}^2 + t_{\perp}^2 + \tau_{\parallel}^2)^{0.5}$$

$$FV_2 = |n_{\perp}| + |t_{\perp}|$$

$$VER_i \rightarrow FV_i \leq \beta_i \cdot f_{yk} \quad (\beta_1 \cdot f_{yk} = 192.50 \text{ N/mm}^2 \quad \beta_2 \cdot f_{yk} = 233.75 \text{ N/mm}^2)$$

Verifiche a flessione piastra in zona compressa

Sezione parallela a X a filo della trave (Nodo n. 69, CMB n. 2)

Pressione media a bordo piastra	$p_{med} = 2,16 \text{ N/mm}^2$	
Carico lineare sbalzo	$q_{lin} = 323,72 \text{ N/mm}$	
Lunghezza sbalzo	$L_s = 42,5 \text{ mm}$	
Modulo di resistenza minimo	$W_{min} = 1600,0 \text{ mm}^3$	
Momento resistente	$M_{p,Rd} =$	419047,6 N mm
Momento massimo	$M_{p,Ed} =$	292357,1 N mm
$M_{p,Ed} / M_{p,Rd} = 0,697670 \quad \text{Ok}$		

Sezione parallela a Y a filo della trave (Nodo n. 193, CMB n. 10)

Pressione media a bordo piastra	$p_{med} = 1,28 \text{ N/mm}^2$	
Carico lineare sbalzo	$q_{lin} = 287,62 \text{ N/mm}$	
Lunghezza sbalzo	$L_s = 38,5 \text{ mm}$	
Modulo di resistenza minimo	$W_{min} = 2400,0 \text{ mm}^3$	
Momento resistente	$M_{p,Rd} =$	628571,4 N mm
Momento massimo	$M_{p,Ed} =$	213160,2 N mm
$M_{p,Ed} / M_{p,Rd} = 0,339119 \quad \text{Ok}$		

Verifica del momento di progetto del giunto

(Nodo n. 69, CMB n. 2)

Momento resistente del giunto	$M_{j,Rd} =$	3765032.0 N mm
Momento di progetto	$M_{j,Ed} =$	2386000.0 N mm

$$M_{j,Ed} / M_{j,Rd} = 0.633726 \quad \text{Ok}$$

Ancoraggio

Tirafondi con uncini e bolzoni

Lunghezza tirafondi	$L_t =$	334 mm (rettilineo 119 mm, arco 151 mm, terminale 64 mm)
Lunghezza di aderenza	$L_a =$	439 mm (si considera l'uncino equivalente ad un tratto rettilineo lungo $20\varnothing$)
Diametro bolzoni	$\varnothing_b =$	15 mm

Lunghezza minima tirafondi: 30 diametri (480 mm)

Calcestruzzo

Resistenza cubica caratteristica a compressione	$R_{ck} =$	30.00 N/mm ²
Resistenza cilindrica caratteristica a compressione	$f_{ck} = 0.83 \cdot R_{ck} =$	24.90 N/mm ²
Resistenza di calcolo a compressione	$f_{cd} = \alpha_{cc} \cdot f_{ck} / \gamma_c =$	14.11 N/mm ²
Resistenza caratteristica a trazione	$f_{ctk} = 0.7 \cdot 0.30 \cdot f_{ck}^{2/3} =$	1.79 N/mm ²
Resistenza tangenziale di aderenza di calcolo	$f_{bd} = 2.25 \cdot \eta_1 \cdot \eta_2 \cdot f_{ctk} / \gamma_c =$	2.69 N/mm ²

Compressione massima calcestruzzo (Nodo n. 193, CMB n. 10)

$$p_{max} = 2.56 \text{ N/mm}^2 < f_{cd} \quad \text{Ok}$$

Verifica ancoraggio

Si considera la massima resistenza a trazione di progetto dei tirafondi

Trazione di progetto dell'ancoraggio	$F_{t,an,Ed} = \max [F_{t,Rd}] =$	10728.1 N
Resistenza a trazione per aderenza	$F_{t,ad,Rd} = L_a \cdot \pi \cdot \varnothing \cdot f_{bd} =$	59271.3 N

$$F_{t,ad,Rd} > F_{t,an,Ed} \quad \text{Ok}$$