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PROGETTO/Project

Lavori di adeguamento antisismico della scuola materna di Botticino Mattina - Caduti delle Cave

Cat. Progetto Esecutivo

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	01	Emissione post verbale di contraddittorio		11/07/2022	G.R.	P.B.
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Introduzione

Sistemi di riferimento

Le coordinate, i carichi concentrati, i cedimenti, le reazioni vincolari e gli spostamenti dei NODI sono riferiti ad una terna destra cartesiana globale con l'asse Z verticale rivolto verso l'alto. I carichi in coordinate locali e le sollecitazioni delle ASTE sono riferite ad una terna destra cartesiana locale così definita:

- origine nel nodo iniziale dell'asta;
- asse X coincidente con l'asse dell'asta e con verso dal nodo iniziale al nodo finale;
- immaginando la trave a sezione rettangolare l'asse Y è parallelo alla base e l'asse Z è parallelo all'altezza. La rotazione dell'asta comporta quindi una rotazione di tutta la terna locale.

Si può immaginare la terna locale di un'asta comunque disposta nello spazio come derivante da quella globale dopo una serie di trasformazioni:

- una rotazione intorno all'asse Z che porti l'asse X a coincidere con la proiezione dell'asse dell'asta sul piano orizzontale;
- una traslazione lungo il nuovo asse X così definito in modo da portare l'origine a coincidere con la proiezione del nodo iniziale dell'asta sul piano orizzontale;
- una traslazione lungo l'asse Z che porti l'origine a coincidere con il nodo iniziale dell'asta;
- una rotazione intorno all'asse Y così definito che porti l'asse X a coincidere con l'asse dell'asta;
- una rotazione intorno all'asse X così definito pari alla rotazione dell'asta.

In pratica le travi prive di rotazione avranno sempre l'asse Z rivolto verso l'alto e l'asse Y nel piano del solaio, mentre i pilastri privi di rotazione avranno l'asse Y parallelo all'asse Y globale e l'asse Z parallelo ma controverso all'asse X globale. Da notare quindi che per i pilastri la "base" è il lato parallelo a Y.

Le sollecitazioni ed i carichi in coordinate locali negli ELEMENTI BIDIMENSIONALI e nei MURI sono riferiti ad una terna destra cartesiana locale così definita:

- origine nel primo nodo dell'elemento;
- asse X coincidente con la congiungente il primo ed il secondo nodo dell'elemento;
- asse Y definito come prodotto vettoriale fra il versore dell'asse X e il versore della congiungente il primo e il quarto nodo. Asse Z a formare con gli altri due una terna destrorsa.

Praticamente un elemento verticale con l'asse X locale coincidente con l'asse X globale ha anche gli altri assi locali coincidenti con quelli globali.

Rotazioni e momenti

Seguendo il principio adottato per tutti i carichi che sono positivi se CONTROVERSI agli assi, anche i momenti concentrati e le rotazioni impresse in coordinate globali risultano positivi se CONTROVERSI al segno positivo delle rotazioni. Il segno positivo dei momenti e delle rotazioni è quello orario per l'osservatore posto nell'origine: X ruota su Y, Y ruota su Z, Z ruota su X. In pratica è sufficiente adottare la regola della mano destra: col pollice rivolto nella direzione dell'asse, la rotazione che porta a chiudere il palmo della mano corrisponde al segno positivo.

Normativa di riferimento

La normativa di riferimento è la seguente:

- Legge n. 64 del 2/2/1974 - Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche.
- D.M. del 24/1/1986 - Norme tecniche relative alle costruzioni sismiche.
- Legge n. 1086 del 5/11/1971 - Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica.
- D.M. del 14/2/1992 - Norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche.
- D.M. del 9/1/1996 - Norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche.
- D.M. del 16/1/1996 - Norme tecniche per le costruzioni in zone sismiche.
- Circolare n. 21745 del 30/7/1981 - Legge n. 219 del 14/5/1981 - Art. 10 - Istruzioni relative al rafforzamento degli edifici in muratura danneggiati dal sisma.



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- Regione Autonoma Friuli Venezia Giulia - Legge Regionale n. 30 del 20/6/1977 - Documentazione tecnica per la progettazione e direzione delle opere di riparazione degli edifici - Documento Tecnico n. 2 - Raccomandazioni per la riparazione strutturale degli edifici in muratura.
- D.M. del 20/11/1987 - Norme Tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento.
- Norme Tecniche C.N.R. n. 10011-85 del 18/4/1985 - Costruzioni di acciaio - Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione.
- Norme Tecniche C.N.R. n. 10025-84 del 14/12/1984 - Istruzioni per il progetto, l'esecuzione ed il controllo delle strutture prefabbricate in conglomerato cementizio e per le strutture costruite con sistemi industrializzati di acciaio - Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione.
- Circolare n. 65 del 10/4/1997 - Istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. del 16/1/1996.
- Eurocodice 5 - Progettazione delle strutture di legno.
- DIN 1052 - Metodi di verifica per il legno.
- D.M. del 17/1/2018 - Norme tecniche per le costruzioni.
- Circolare n. 7 del 21/1/2019 - Istruzioni per l'applicazione dell'«Aggiornamento delle "Norme tecniche per le costruzioni"» di cui al decreto ministeriale 17 gennaio 2018.
- Documento Tecnico CNR-DT 200 R1/2012 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati.
- Eurocodice 3 - Progettazione delle strutture in acciaio.

Unità di misura

Le unità di misura adottate sono le seguenti:

- lunghezze : m
- forze : daN
- masse : kg
- temperature : gradi centigradi
- angoli : gradi sessadecimali o radianti

Geometria

Elenco vincoli nodi

Simbologia

Comm. = Commento

Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Ly = Lunghezza (dir. Y locale)

Lz = Larghezza (dir. Z locale)

RL = Rotazione libera

Rx = Rotazione intorno all'asse X (L=libera, B=bloccata, E=elastica)

Ry = Rotazione intorno all'asse Y (L=libera, B=bloccata, E=elastica)

Rz = Rotazione intorno all'asse Z (L=libera, B=bloccata, E=elastica)

Sx = Spostamento in dir. X (L=libero, B=bloccato, E=elastico)

Sy = Spostamento in dir. Y (L=libero, B=bloccato, E=elastico)

Sz = Spostamento in dir. Z (L=libero, B=bloccato, E=elastico)

Vn = Numero del vincolo nodo

Vn	Comm.	Sx	Sy	Sz	Rx	Ry	Rz	RL	Ly	Lz	Kt
									<m>	<m>	<daN/cmc>
1	Libero	L	L	L	L	L	L				
2	Incastro	B	B	B	B	B	B				

Elenco nodi

Simbologia

Imp. = Numero dell'impalcato

Nodo = Numero del nodo

Vn = Numero del vincolo nodo

X = Coordinata X del nodo

Y = Coordinata Y del nodo



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Z = Coordinata Z del nodo

Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn	Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn	Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn
-354	23.20	20.80	3.78	2	1	-353	23.20	20.80	0.00	1	1	-352	23.20	20.80	-0.50	0	2
-351	20.75	15.55	-0.50	0	2	-350	20.75	15.55	3.78	2	1	-349	20.75	15.55	0.00	1	1
-348	21.25	20.85	0.00	1	1	-347	21.25	20.85	-2.20	0	2	-346	27.15	10.55	-0.50	0	2
-345	27.15	10.55	3.78	2	1	-344	27.15	10.55	0.00	1	1	-343	39.67	10.55	-0.50	0	2
-342	39.67	10.55	3.78	2	1	-341	39.67	10.55	0.00	1	1	-340	36.55	10.50	7.21	3	1
-339	35.07	10.50	7.21	3	1	-338	29.68	10.50	7.21	3	1	-337	28.42	10.50	7.21	3	1
-336	27.15	9.12	7.21	3	1	-335	38.26	8.10	7.21	3	1	-334	27.15	7.75	7.21	3	1
-333	39.67	7.07	7.21	3	1	-332	36.85	7.07	7.21	3	1	-331	27.15	6.38	7.21	3	1
-330	39.67	6.03	7.21	3	1	-329	36.85	6.03	7.21	3	1	-328	39.67	5.00	7.21	3	1
-327	35.44	5.00	7.21	3	1	-326	34.03	5.00	7.21	3	1	-325	32.63	5.00	7.21	3	1
-324	31.22	5.00	7.21	3	1	-323	30.51	5.00	7.21	3	1	-322	29.05	5.00	7.21	3	1
-321	39.67	3.67	7.21	3	1	-320	27.15	3.02	7.21	3	1	-319	27.15	1.93	7.21	3	1
-318	37.15	0.93	7.21	3	1	-317	22.15	27.55	3.78	2	1	-316	14.50	27.55	3.78	2	1
-315	0.00	26.30	3.78	2	1	-314	23.20	26.21	3.78	2	1	-313	0.00	25.05	3.78	2	1
-312	23.20	24.87	3.78	2	1	-311	0.00	23.80	3.78	2	1	-310	23.20	23.53	3.78	2	1
-309	23.20	22.19	3.78	2	1	-308	19.24	20.85	3.78	2	1	-307	17.78	20.85	3.78	2	1
-306	16.32	20.85	3.78	2	1	-305	14.86	20.85	3.78	2	1	-304	3.83	20.85	3.78	2	1
-303	2.55	20.85	3.78	2	1	-302	1.27	20.85	3.78	2	1	-301	7.10	19.59	3.78	2	1
-300	35.80	18.35	3.78	2	1	-299	7.10	18.32	3.78	2	1	-298	27.15	18.08	3.78	2	1
-297	23.20	18.08	3.78	2	1	-296	7.10	17.06	3.78	2	1	-295	27.15	16.82	3.78	2	1
-294	23.20	16.82	3.78	2	1	-293	38.38	15.55	3.78	2	1	-292	37.09	15.55	3.78	2	1
-291	25.90	15.55	3.78	2	1	-290	27.15	14.78	3.78	2	1	-289	39.67	14.74	3.78	2	1
-288	0.00	14.68	3.78	2	1	-287	5.89	13.50	3.78	2	1	-286	4.67	13.50	3.78	2	1
-285	3.46	13.50	3.78	2	1	-284	13.90	12.68	3.78	2	1	-283	7.10	12.68	3.78	2	1
-282	20.70	12.16	3.78	2	1	-281	27.15	11.50	3.78	2	1	-280	39.67	11.49	3.78	2	1
-279	20.70	10.82	3.78	2	1	-278	36.55	10.50	3.78	2	1	-277	35.07	10.50	3.78	2	1
-276	29.68	10.50	3.78	2	1	-275	28.42	10.50	3.78	2	1	-274	20.70	9.48	3.78	2	1
-273	27.15	9.12	3.78	2	1	-272	20.70	8.14	3.78	2	1	-271	38.26	8.10	3.78	2	1
-270	0.00	7.87	3.78	2	1	-269	27.15	7.75	3.78	2	1	-268	13.90	7.38	3.78	2	1
-267	39.67	7.07	3.78	2	1	-266	36.85	7.07	3.78	2	1	-265	0.00	6.83	3.78	2	1
-264	7.10	6.80	3.78	2	1	-263	27.15	6.38	3.78	2	1	-262	39.67	6.03	3.78	2	1
-261	36.85	6.03	3.78	2	1	-260	7.10	5.40	3.78	2	1	-259	39.67	5.00	3.78	2	1
-258	35.44	5.00	3.78	2	1	-257	34.03	5.00	3.78	2	1	-256	32.63	5.00	3.78	2	1
-255	31.22	5.00	3.78	2	1	-254	30.51	5.00	3.78	2	1	-253	29.05	5.00	3.78	2	1
-252	39.67	3.67	3.78	2	1	-251	27.15	3.02	3.78	2	1	-250	0.00	2.13	3.78	2	1
-249	7.10	2.00	3.78	2	1	-248	27.15	1.93	3.78	2	1	-247	0.00	1.07	3.78	2	1
-246	37.15	0.93	3.78	2	1	-245	22.90	0.85	3.78	2	1	-244	21.80	0.85	3.78	2	1
-243	22.15	27.55	0.00	1	1	-242	14.50	27.55	0.00	1	1	-241	2.50	27.55	0.00	1	1
-240	0.00	26.30	0.00	1	1	-239	7.10	26.27	0.00	1	1	-238	23.20	26.21	0.00	1	1
-237	0.00	25.05	0.00	1	1	-236	7.10	24.99	0.00	1	1	-235	23.20	24.87	0.00	1	1
-234	0.00	23.80	0.00	1	1	-233	7.10	23.71	0.00	1	1	-232	23.20	23.53	0.00	1	1
-231	7.10	22.43	0.00	1	1	-230	23.20	22.19	0.00	1	1	-229	21.95	20.85	0.00	1	1
-228	19.24	20.85	0.00	1	1	-227	17.78	20.85	0.00	1	1	-226	16.32	20.85	0.00	1	1
-225	14.86	20.85	0.00	1	1	-224	7.88	20.85	0.00	1	1	-223	3.83	20.85	0.00	1	1
-222	2.55	20.85	0.00	1	1	-221	1.27	20.85	0.00	1	1	-220	7.10	19.59	0.00	1	1
-219	20.70	18.95	0.00	1	1	-218	35.80	18.35	0.00	1	1	-217	7.10	18.32	0.00	1	1
-216	27.15	18.08	0.00	1	1	-215	23.20	18.08	0.00	1	1	-214	20.70	17.90	0.00	1	1
-213	7.10	17.06	0.00	1	1	-212	27.15	16.82	0.00	1	1	-211	23.20	16.82	0.00	1	1
-210	38.38	15.55	0.00	1	1	-209	37.09	15.55	0.00	1	1	-208	34.60	15.55	0.00	1	1
-207	29.82	15.55	0.00	1	1	-206	28.48	15.55	0.00	1	1	-205	25.90	15.55	0.00	1	1
-204	22.23	15.55	0.00	1	1	-203	27.15	14.78	0.00	1	1	-202	39.67	14.74	0.00	1	1
-201	0.00	14.68	0.00	1	1	-200	7.10	14.65	0.00	1	1	-199	17.87	13.50	0.00	1	1
-198	16.43	13.50	0.00	1	1	-197	11.60	13.50	0.00	1	1	-196	10.40	13.50	0.00	1	1
-195	9.20	13.50	0.00	1	1	-194	5.89	13.50	0.00	1	1	-193	4.67	13.50	0.00	1	1
-192	3.46	13.50	0.00	1	1	-191	13.90	12.68	0.00	1	1	-190	7.10	12.68	0.00	1	1
-189	20.70	12.16	0.00	1	1	-188	27.15	11.50	0.00	1	1	-187	39.67	11.49	0.00	1	1
-186	20.70	10.82	0.00	1	1	-185	13.90	10.63	0.00	1	1	-184	7.10	10.63	0.00	1	1
-183	36.55	10.50	0.00	1	1	-182	35.07	10.50	0.00	1	1	-181	32.75	10.50	0.00	1	1
-180	29.68	10.50	0.00	1	1	-179	28.42	10.50	0.00	1	1	-178	20.70	9.48	0.00	1	1
-177	39.67	9.46	0.00	1	1	-176	13.90	9.42	0.00	1	1	-175	7.10	9.42	0.00	1	1
-174	27.15	9.12	0.00	1	1	-173	20.70	8.14	0.00	1	1	-172	38.26	8.10	0.00	1	1
-171	0.00	7.87	0.00	1	1	-170	27.15	7.75	0.00	1	1	-169	13.90	7.38	0.00	1	1
-168	39.67	7.07	0.00	1	1	-167	0.00	6.83	0.00	1	1	-166	7.10	6.80	0.00	1	1
-165	27.15	6.38	0.00	1	1	-164	39.67	6.03	0.00	1	1	-163	20.70	5.90	0.00	1	1
-162	7.10	5.40	0.00	1	1	-161	13.90	5.38	0.00	1	1	-160	39.67	5.00	0.00	1	1
-159	38.26	5.00	0.00	1	1	-158	35.44	5.00	0.00	1	1	-157	34.03	5.00	0.00	1	1



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-156	32.63	5.00	0.00	1	1	-155	31.22	5.00	0.00	1	1	-154	30.51	5.00	0.00	1	1
-153	29.05	5.00	0.00	1	1	-152	0.00	4.50	0.00	1	1	-151	13.90	4.22	0.00	1	1
-150	39.67	3.67	0.00	1	1	-149	20.70	3.62	0.00	1	1	-148	27.15	3.02	0.00	1	1
-147	20.70	2.23	0.00	1	1	-146	0.00	2.13	0.00	1	1	-145	7.10	2.00	0.00	1	1
-144	27.15	1.93	0.00	1	1	-143	13.90	1.90	0.00	1	1	-142	0.00	1.07	0.00	1	1
-141	37.15	0.93	0.00	1	1	-140	26.10	0.85	0.00	1	1	-139	25.05	0.85	0.00	1	1
-138	22.90	0.85	0.00	1	1	-137	21.80	0.85	0.00	1	1	-136	19.35	0.85	0.00	1	1
-135	18.30	0.85	0.00	1	1	-134	16.13	0.85	0.00	1	1	-133	15.02	0.85	0.00	1	1
-132	12.54	0.85	0.00	1	1	-131	11.18	0.85	0.00	1	1	-130	9.82	0.85	0.00	1	1
-129	8.46	0.85	0.00	1	1	-128	5.68	0.00	0.00	1	1	-127	4.26	0.00	0.00	1	1
-126	2.84	0.00	0.00	1	1	-125	1.42	0.00	0.00	1	1	-124	36.27	-0.50	0.00	1	1
-123	28.05	-0.50	0.00	1	1	-122	22.15	27.55	-2.20	0	2	-121	14.50	27.55	-2.20	0	2
-120	2.50	27.55	-2.20	0	2	-119	0.00	26.30	-2.20	0	2	-118	7.10	26.27	-2.20	0	2
-117	23.20	26.21	-2.20	0	2	-116	0.00	25.05	-2.20	0	2	-115	7.10	24.99	-2.20	0	2
-114	23.20	24.87	-2.20	0	2	-113	0.00	23.80	-2.20	0	2	-112	7.10	23.71	-2.20	0	2
-111	23.20	23.53	-2.20	0	2	-110	7.10	22.43	-2.20	0	2	-109	23.20	22.19	-2.20	0	2
-108	21.95	20.85	-2.20	0	2	-107	19.24	20.85	-2.20	0	2	-106	17.78	20.85	-2.20	0	2
-105	16.32	20.85	-2.20	0	2	-104	14.86	20.85	-2.20	0	2	-103	7.88	20.85	-2.20	0	2
-102	3.83	20.85	-2.20	0	2	-101	2.55	20.85	-2.20	0	2	-100	1.27	20.85	-2.20	0	2
-99	7.10	19.59	-2.20	0	2	-98	20.70	18.95	-2.20	0	2	-97	35.80	18.35	-0.50	0	2
-96	7.10	18.32	-2.20	0	2	-95	27.15	18.08	-0.50	0	2	-94	23.20	18.08	-0.50	0	2
-93	20.70	17.90	-2.20	0	2	-92	7.10	17.06	-2.20	0	2	-91	27.15	16.82	-0.50	0	2
-90	23.20	16.82	-0.50	0	2	-89	38.38	15.55	-0.50	0	2	-88	37.09	15.55	-0.50	0	2
-87	34.60	15.55	-0.50	0	2	-86	29.82	15.55	-0.50	0	2	-85	28.48	15.55	-0.50	0	2
-84	25.90	15.55	-0.50	0	2	-83	22.23	15.55	-0.50	0	2	-82	20.70	14.94	-2.20	0	2
-81	27.15	14.78	-0.50	0	2	-80	39.67	14.74	-0.50	0	2	-79	0.00	14.68	-2.20	0	2
-78	7.10	14.65	-2.20	0	2	-77	17.87	13.50	-2.20	0	2	-76	16.43	13.50	-2.20	0	2
-75	11.60	13.50	-2.20	0	2	-74	10.40	13.50	-2.20	0	2	-73	9.20	13.50	-2.20	0	2
-72	5.89	13.50	-2.20	0	2	-71	4.67	13.50	-2.20	0	2	-70	3.46	13.50	-2.20	0	2
-69	13.90	12.68	-2.20	0	2	-68	7.10	12.68	-2.20	0	2	-67	20.70	12.16	-2.20	0	2
-66	27.15	11.50	-0.50	0	2	-65	39.67	11.49	-0.50	0	2	-64	20.70	10.82	-2.20	0	2
-63	13.90	10.63	-2.20	0	2	-62	7.10	10.63	-2.20	0	2	-61	36.55	10.50	-2.20	0	2
-60	35.07	10.50	-2.20	0	2	-59	32.75	10.50	-2.20	0	2	-58	29.68	10.50	-2.20	0	2
-57	28.42	10.50	-2.20	0	2	-56	20.70	9.48	-2.20	0	2	-55	39.67	9.46	-2.20	0	2
-54	13.90	9.42	-2.20	0	2	-53	7.10	9.42	-2.20	0	2	-52	27.15	9.12	-2.20	0	2
-51	20.70	8.14	-2.20	0	2	-50	38.26	8.10	-2.20	0	2	-49	0.00	7.87	-2.20	0	2
-48	27.15	7.75	-2.20	0	2	-47	13.90	7.38	-2.20	0	2	-46	39.67	7.07	-2.20	0	2
-45	0.00	6.83	-2.20	0	2	-44	7.10	6.80	-2.20	0	2	-43	27.15	6.38	-2.20	0	2
-42	39.67	6.03	-2.20	0	2	-41	20.70	5.90	-2.20	0	2	-40	7.10	5.40	-2.20	0	2
-39	13.90	5.38	-2.20	0	2	-38	39.67	5.00	-2.20	0	2	-37	38.26	5.00	-2.20	0	2
-36	35.44	5.00	-2.20	0	2	-35	34.03	5.00	-2.20	0	2	-34	32.63	5.00	-2.20	0	2
-33	31.22	5.00	-2.20	0	2	-32	30.51	5.00	-2.20	0	2	-31	29.05	5.00	-2.20	0	2
-30	0.00	4.50	-2.20	0	2	-29	13.90	4.22	-2.20	0	2	-28	39.67	3.67	-2.20	0	2
-27	20.70	3.62	-2.20	0	2	-26	27.15	3.02	-2.20	0	2	-25	20.70	2.23	-2.20	0	2
-24	0.00	2.13	-2.20	0	2	-23	7.10	2.00	-2.20	0	2	-22	27.15	1.93	-2.20	0	2
-21	13.90	1.90	-2.20	0	2	-20	0.00	1.07	-2.20	0	2	-19	37.15	0.93	-2.20	0	2
-18	26.10	0.85	-2.20	0	2	-17	25.05	0.85	-2.20	0	2	-16	22.90	0.85	-2.20	0	2
-15	21.80	0.85	-2.20	0	2	-14	19.35	0.85	-2.20	0	2	-13	18.30	0.85	-2.20	0	2
-12	16.13	0.85	-2.20	0	2	-11	15.02	0.85	-2.20	0	2	-10	12.54	0.85	-2.20	0	2
-9	11.18	0.85	-2.20	0	2	-8	9.82	0.85	-2.20	0	2	-7	8.46	0.85	-2.20	0	2
-6	5.68	0.00	-2.20	0	2	-5	4.26	0.00	-2.20	0	2	-4	2.84	0.00	-2.20	0	2
-3	1.42	0.00	-2.20	0	2	-2	36.27	-0.50	-2.20	0	2	-1	28.05	-0.50	-2.20	0	2
1	27.15	-0.50	-2.20	0	2	2	28.95	-0.50	-2.20	0	2	3	30.10	-0.50	-2.20	0	2
4	31.55	-0.50	-2.20	0	2	5	32.75	-0.50	-2.20	0	2	6	34.20	-0.50	-2.20	0	2
7	35.40	-0.50	-2.20	0	2	8	37.15	-0.50	-2.20	0	2	9	0.00	0.00	-2.20	0	2
10	7.10	0.00	-2.20	0	2	11	7.10	0.85	-2.20	0	2	12	13.90	0.85	-2.20	0	2
13	17.25	0.85	-2.20	0	2	14	20.40	0.85	-2.20	0	2	15	20.70	0.85	-2.20	0	2
16	24.00	0.85	-2.20	0	2	17	27.15	0.85	-2.20	0	2	18	17.25	1.90	-2.20	0	2
19	37.15	2.35	-2.20	0	2	20	37.62	2.35	-2.20	0	2	21	38.83	2.35	-2.20	0	2
22	39.67	2.35	-2.20	0	2	23	13.90	3.05	-2.20	0	2	24	7.10	3.15	-2.20	0	2
25	0.00	3.20	-2.20	0	2	26	7.10	4.00	-2.20	0	2	27	27.15	4.10	-2.20	0	2
28	20.70	5.00	-2.20	0	2	29	27.15	5.00	-2.20	0	2	30	28.30	5.00	-2.20	0	2
31	29.81	5.00	-2.20	0	2	32	36.85	5.00	-2.20	0	2	33	0.00	5.80	-2.20	0	2
34	13.90	6.55	-2.20	0	2	35	20.70	6.80	-2.20	0	2	36	36.85	8.10	-2.20	0	2
37	39.67	8.10	-2.20	0	2	38	7.10	8.20	-2.20	0	2	39	13.90	8.20	-2.20	0	2
40	39.67	8.43	-2.20	0	2	41	0.00	8.90	-2.20	0	2	42	0.00	10.35	-2.20	0	2
43	27.15	10.50	-2.20	0	2	44	30.65	10.50	-2.20	0	2	45	32.10	10.50	-2.20	0	2
46	33.60	10.50	-2.20	0	2	47	38.02	10.50	-2.20	0	2	48	38.92	10.50	-2.20	0	2
49	39.67	10.50	-2.20	0	2	50	0.00	11.30	-2.20	0	2	51	7.10	11.85	-2.20	0	2
52	13.90	11.85	-2.20	0	2	53	39.67	12.47	-0.50	0	2	54	27.15	12.50	-0.50	0	2



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55	0.00	12.75	-2.20	0	2	56	0.00	13.50	-2.20	0	2	57	1.30	13.50	-2.20	0	2
58	2.25	13.50	-2.20	0	2	59	7.10	13.50	-2.20	0	2	60	8.00	13.50	-2.20	0	2
61	12.80	13.50	-2.20	0	2	62	13.90	13.50	-2.20	0	2	63	15.00	13.50	-2.20	0	2
64	19.30	13.50	-2.20	0	2	65	20.70	13.50	-2.20	0	2	66	39.67	13.93	-0.50	0	2
67	27.15	14.00	-0.50	0	2	68	20.70	15.55	-2.20	0	2	69	21.25	15.55	-0.50	0	2
70	23.20	15.55	-0.50	0	2	71	23.75	15.55	-0.50	0	2	72	24.65	15.55	-0.50	0	2
73	27.15	15.55	-0.50	0	2	74	31.15	15.55	-0.50	0	2	75	31.75	15.55	-0.50	0	2
76	32.45	15.55	-0.50	0	2	77	33.40	15.55	-0.50	0	2	78	35.80	15.55	-0.50	0	2
79	39.67	15.55	-0.50	0	2	80	7.10	15.80	-2.20	0	2	81	0.00	15.85	-2.20	0	2
82	35.80	16.35	-0.50	0	2	83	20.70	16.85	-2.20	0	2	84	0.00	17.35	-2.20	0	2
85	35.80	17.35	-0.50	0	2	86	0.00	18.25	-2.20	0	2	87	23.20	19.35	-0.50	0	2
88	24.40	19.35	-0.50	0	2	89	25.85	19.35	-0.50	0	2	90	27.15	19.35	-0.50	0	2
91	28.04	19.35	-0.50	0	2	92	29.49	19.35	-0.50	0	2	93	29.76	19.35	-0.50	0	2
94	31.21	19.35	-0.50	0	2	95	31.48	19.35	-0.50	0	2	96	32.93	19.35	-0.50	0	2
97	33.20	19.35	-0.50	0	2	98	34.65	19.35	-0.50	0	2	99	35.80	19.35	-0.50	0	2
100	0.00	19.75	-2.20	0	2	101	20.70	20.00	-2.20	0	2	102	23.20	20.48	-0.50	0	2
103	0.00	20.85	-2.20	0	2	104	5.10	20.85	-2.20	0	2	105	6.10	20.85	-2.20	0	2
106	7.10	20.85	-2.20	0	2	107	8.65	20.85	-2.20	0	2	108	9.55	20.85	-2.20	0	2
109	11.00	20.85	-2.20	0	2	110	11.95	20.85	-2.20	0	2	111	13.40	20.85	-2.20	0	2
112	20.70	20.85	-2.20	0	2	113	23.20	20.85	-2.20	0	2	114	0.00	21.10	-2.20	0	2
115	7.10	21.15	-2.20	0	2	116	0.00	22.55	-2.20	0	2	117	0.00	27.55	-2.20	0	2
118	1.00	27.55	-2.20	0	2	119	4.00	27.55	-2.20	0	2	120	4.95	27.55	-2.20	0	2
121	6.40	27.55	-2.20	0	2	122	7.10	27.55	-2.20	0	2	123	8.55	27.55	-2.20	0	2
124	9.50	27.55	-2.20	0	2	125	10.95	27.55	-2.20	0	2	126	12.00	27.55	-2.20	0	2
127	13.45	27.55	-2.20	0	2	128	15.55	27.55	-2.20	0	2	129	17.00	27.55	-2.20	0	2
130	17.60	27.55	-2.20	0	2	131	19.05	27.55	-2.20	0	2	132	19.65	27.55	-2.20	0	2
133	21.10	27.55	-2.20	0	2	134	23.20	27.55	-2.20	0	2	1001	27.15	-0.50	0.00	1	1
1002	28.95	-0.50	0.00	1	1	1003	30.10	-0.50	0.00	1	1	1004	31.55	-0.50	0.00	1	1
1005	32.75	-0.50	0.00	1	1	1006	34.20	-0.50	0.00	1	1	1007	35.40	-0.50	0.00	1	1
1008	37.15	-0.50	0.00	1	1	1009	0.00	0.00	0.00	1	1	1010	7.10	0.00	0.00	1	1
1011	7.10	0.85	0.00	1	1	1012	13.90	0.85	0.00	1	1	1013	17.25	0.85	0.00	1	1
1014	20.40	0.85	0.00	1	1	1015	20.70	0.85	0.00	1	1	1016	24.00	0.85	0.00	1	1
1017	27.15	0.85	0.00	1	1	1018	17.25	1.90	0.00	1	1	1019	37.15	2.35	0.00	1	1
1020	37.62	2.35	0.00	1	1	1021	38.83	2.35	0.00	1	1	1022	39.67	2.35	0.00	1	1
1023	13.90	3.05	0.00	1	1	1024	7.10	3.15	0.00	1	1	1025	0.00	3.20	0.00	1	1
1026	7.10	4.00	0.00	1	1	1027	27.15	4.10	0.00	1	1	1028	20.70	5.00	0.00	1	1
1029	27.15	5.00	0.00	1	1	1030	28.30	5.00	0.00	1	1	1031	29.81	5.00	0.00	1	1
1032	36.85	5.00	0.00	1	1	1033	0.00	5.80	0.00	1	1	1034	13.90	6.55	0.00	1	1
1035	20.70	6.80	0.00	1	1	1036	36.85	8.10	0.00	1	1	1037	39.67	8.10	0.00	1	1
1038	7.10	8.20	0.00	1	1	1039	13.90	8.20	0.00	1	1	1040	39.67	8.43	0.00	1	1
1041	0.00	8.90	0.00	1	1	1042	0.00	10.35	0.00	1	1	1043	27.15	10.50	0.00	1	1
1044	30.65	10.50	0.00	1	1	1045	32.10	10.50	0.00	1	1	1046	33.60	10.50	0.00	1	1
1047	38.02	10.50	0.00	1	1	1048	38.92	10.50	0.00	1	1	1049	39.67	10.50	0.00	1	1
1050	0.00	11.30	0.00	1	1	1051	7.10	11.85	0.00	1	1	1052	13.90	11.85	0.00	1	1
1053	39.67	12.47	0.00	1	1	1054	27.15	12.50	0.00	1	1	1055	0.00	12.75	0.00	1	1
1056	0.00	13.50	0.00	1	1	1057	1.30	13.50	0.00	1	1	1058	2.25	13.50	0.00	1	1
1059	7.10	13.50	0.00	1	1	1060	8.00	13.50	0.00	1	1	1061	12.80	13.50	0.00	1	1
1062	13.90	13.50	0.00	1	1	1063	15.00	13.50	0.00	1	1	1064	19.30	13.50	0.00	1	1
1065	20.70	13.50	0.00	1	1	1066	39.67	13.93	0.00	1	1	1067	27.15	14.00	0.00	1	1
1068	20.70	14.94	0.00	1	1	1069	20.70	15.55	0.00	1	1	1070	21.25	15.55	0.00	1	1
1071	23.20	15.55	0.00	1	1	1072	23.75	15.55	0.00	1	1	1073	24.65	15.55	0.00	1	1
1074	27.15	15.55	0.00	1	1	1075	31.15	15.55	0.00	1	1	1076	31.75	15.55	0.00	1	1
1077	32.45	15.55	0.00	1	1	1078	33.40	15.55	0.00	1	1	1079	35.80	15.55	0.00	1	1
1080	39.67	15.55	0.00	1	1	1081	7.10	15.80	0.00	1	1	1082	0.00	15.85	0.00	1	1
1083	35.80	16.35	0.00	1	1	1084	20.70	16.85	0.00	1	1	1085	0.00	17.35	0.00	1	1
1086	35.80	17.35	0.00	1	1	1087	0.00	18.25	0.00	1	1	1088	23.20	19.35	0.00	1	1
1089	24.40	19.35	0.00	1	1	1090	25.85	19.35	0.00	1	1	1091	27.15	19.35	0.00	1	1
1092	28.04	19.35	0.00	1	1	1093	29.49	19.35	0.00	1	1	1094	29.76	19.35	0.00	1	1
1095	31.21	19.35	0.00	1	1	1096	31.48	19.35	0.00	1	1	1097	32.93	19.35	0.00	1	1
1098	33.20	19.35	0.00	1	1	1099	34.65	19.35	0.00	1	1	1100	35.80	19.35	0.00	1	1
1101	0.00	19.75	0.00	1	1	1102	20.70	20.00	0.00	1	1	1103	23.20	20.48	0.00	1	1
1104	0.00	20.85	0.00	1	1	1105	5.10	20.85	0.00	1	1	1106	6.10	20.85	0.00	1	1
1107	7.10	20.85	0.00	1	1	1108	8.65	20.85	0.00	1	1	1109	9.55	20.85	0.00	1	1
1110	11.00	20.85	0.00	1	1	1111	11.95	20.85	0.00	1	1	1112	13.40	20.85	0.00	1	1
1113	20.70	20.85	0.00	1	1	1114	23.20	20.85	0.00	1	1	1115	0.00	21.10	0.00	1	1
1116	7.10	21.15	0.00	1	1	1117	0.00	22.55	0.00	1	1	1118	0.00	27.55	0.00	1	1
1119	1.00	27.55	0.00	1	1	1120	4.00	27.55	0.00	1	1	1121	4.95	27.55	0.00	1	1
1122	6.40	27.55	0.00	1	1	1123	7.10	27.55	0.00	1	1	1124	8.55	27.55	0.00	1	1
1125	9.50	27.55	0.00	1	1	1126	10.95	27.55	0.00	1	1	1127	12.00	27.55	0.00	1	1
1128	13.45	27.55	0.00	1	1	1129	15.55	27.55	0.00	1	1	1130	17.00	27.55	0.00	1	1



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

1131	17.60	27.55	0.00	1	1	1132	19.05	27.55	0.00	1	1	1133	19.65	27.55	0.00	1	1
1134	21.10	27.55	0.00	1	1	1135	23.20	27.55	0.00	1	1	2001	27.15	-0.50	3.78	2	1
2002	28.95	-0.50	3.78	2	1	2003	30.10	-0.50	3.78	2	1	2004	31.55	-0.50	3.78	2	1
2005	32.75	-0.50	3.78	2	1	2006	34.20	-0.50	3.78	2	1	2007	35.40	-0.50	3.78	2	1
2008	37.15	-0.50	3.78	2	1	2009	0.00	0.00	3.78	2	1	2010	7.10	0.00	3.78	2	1
2011	7.10	0.85	3.78	2	1	2012	13.90	0.85	3.78	2	1	2013	17.25	0.85	3.78	2	1
2014	20.40	0.85	3.78	2	1	2015	20.70	0.85	3.78	2	1	2016	24.00	0.85	3.78	2	1
2017	27.15	0.85	3.78	2	1	2018	13.90	1.90	3.78	2	1	2019	17.25	1.90	3.78	2	1
2020	37.15	2.35	3.78	2	1	2021	37.62	2.35	3.78	2	1	2022	38.83	2.35	3.78	2	1
2023	39.67	2.35	3.78	2	1	2024	13.90	3.05	3.78	2	1	2025	7.10	3.15	3.78	2	1
2026	0.00	3.20	3.78	2	1	2027	7.10	4.00	3.78	2	1	2028	27.15	4.10	3.78	2	1
2029	20.70	5.00	3.78	2	1	2030	27.15	5.00	3.78	2	1	2031	28.30	5.00	3.78	2	1
2032	29.81	5.00	3.78	2	1	2033	36.85	5.00	3.78	2	1	2034	0.00	5.80	3.78	2	1
2035	13.90	6.55	3.78	2	1	2036	20.70	6.80	3.78	2	1	2037	36.85	8.10	3.78	2	1
2038	39.67	8.10	3.78	2	1	2039	7.10	8.20	3.78	2	1	2040	13.90	8.20	3.78	2	1
2041	39.67	8.43	3.78	2	1	2042	0.00	8.90	3.78	2	1	2043	0.00	10.35	3.78	2	1
2044	27.15	10.50	3.78	2	1	2045	30.65	10.50	3.78	2	1	2046	32.10	10.50	3.78	2	1
2047	33.60	10.50	3.78	2	1	2048	38.02	10.50	3.78	2	1	2049	38.92	10.50	3.78	2	1
2050	39.67	10.50	3.78	2	1	2051	0.00	11.30	3.78	2	1	2052	7.10	11.85	3.78	2	1
2053	13.90	11.85	3.78	2	1	2054	39.67	12.47	3.78	2	1	2055	27.15	12.50	3.78	2	1
2056	0.00	12.75	3.78	2	1	2057	0.00	13.50	3.78	2	1	2058	1.30	13.50	3.78	2	1
2059	2.25	13.50	3.78	2	1	2060	7.10	13.50	3.78	2	1	2061	8.00	13.50	3.78	2	1
2062	12.80	13.50	3.78	2	1	2063	13.90	13.50	3.78	2	1	2064	15.00	13.50	3.78	2	1
2065	19.30	13.50	3.78	2	1	2066	20.70	13.50	3.78	2	1	2067	39.67	13.93	3.78	2	1
2068	27.15	14.00	3.78	2	1	2069	20.70	14.94	3.78	2	1	2070	20.70	15.55	3.78	2	1
2071	21.25	15.55	3.78	2	1	2072	23.20	15.55	3.78	2	1	2073	23.75	15.55	3.78	2	1
2074	24.65	15.55	3.78	2	1	2075	27.15	15.55	3.78	2	1	2076	31.15	15.55	3.78	2	1
2077	31.75	15.55	3.78	2	1	2078	32.45	15.55	3.78	2	1	2079	33.40	15.55	3.78	2	1
2080	35.80	15.55	3.78	2	1	2081	39.67	15.55	3.78	2	1	2082	7.10	15.80	3.78	2	1
2083	0.00	15.85	3.78	2	1	2084	35.80	16.35	3.78	2	1	2085	20.70	16.85	3.78	2	1
2086	0.00	17.35	3.78	2	1	2087	35.80	17.35	3.78	2	1	2088	0.00	18.25	3.78	2	1
2089	23.20	19.35	3.78	2	1	2090	24.40	19.35	3.78	2	1	2091	25.85	19.35	3.78	2	1
2092	27.15	19.35	3.78	2	1	2093	28.04	19.35	3.78	2	1	2094	29.49	19.35	3.78	2	1
2095	29.76	19.35	3.78	2	1	2096	31.21	19.35	3.78	2	1	2097	31.48	19.35	3.78	2	1
2098	32.93	19.35	3.78	2	1	2099	33.20	19.35	3.78	2	1	2100	34.65	19.35	3.78	2	1
2101	35.80	19.35	3.78	2	1	2102	0.00	19.75	3.78	2	1	2103	20.70	20.00	3.78	2	1
2104	23.20	20.48	3.78	2	1	2105	0.00	20.85	3.78	2	1	2106	5.10	20.85	3.78	2	1
2107	6.10	20.85	3.78	2	1	2108	7.10	20.85	3.78	2	1	2109	8.65	20.85	3.78	2	1
2110	9.55	20.85	3.78	2	1	2111	11.00	20.85	3.78	2	1	2112	11.95	20.85	3.78	2	1
2113	13.40	20.85	3.78	2	1	2114	20.70	20.85	3.78	2	1	2115	23.20	20.85	3.78	2	1
2116	0.00	21.10	3.78	2	1	2117	7.10	21.15	3.78	2	1	2118	0.00	22.55	3.78	2	1
2119	0.00	27.55	3.78	2	1	2120	1.00	27.55	3.78	2	1	2121	4.00	27.55	3.78	2	1
2122	4.95	27.55	3.78	2	1	2123	6.40	27.55	3.78	2	1	2124	7.10	27.55	3.78	2	1
2125	8.55	27.55	3.78	2	1	2126	9.50	27.55	3.78	2	1	2127	10.95	27.55	3.78	2	1
2128	12.00	27.55	3.78	2	1	2129	13.45	27.55	3.78	2	1	2130	15.55	27.55	3.78	2	1
2131	17.00	27.55	3.78	2	1	2132	17.60	27.55	3.78	2	1	2133	19.05	27.55	3.78	2	1
2134	19.65	27.55	3.78	2	1	2135	21.10	27.55	3.78	2	1	2136	23.20	27.55	3.78	2	1
3001	27.15	-2.00	7.21	3	1	3002	37.15	-2.00	7.21	3	1	3003	25.65	-0.50	7.21	3	1
3004	27.15	-0.50	7.21	3	1	3005	28.95	-0.50	7.21	3	1	3006	30.10	-0.50	7.21	3	1
3007	31.55	-0.50	7.21	3	1	3008	32.75	-0.50	7.21	3	1	3009	34.20	-0.50	7.21	3	1
3010	35.40	-0.50	7.21	3	1	3011	37.15	-0.50	7.21	3	1	3012	27.15	0.85	7.21	3	1
3013	37.15	2.35	7.21	3	1	3014	37.62	2.35	7.21	3	1	3015	38.83	2.35	7.21	3	1
3016	39.67	2.35	7.21	3	1	3017	41.17	2.35	7.21	3	1	3018	27.15	4.10	7.21	3	1
3019	27.15	5.00	7.21	3	1	3020	28.30	5.00	7.21	3	1	3021	29.81	5.00	7.21	3	1
3022	36.85	5.00	7.21	3	1	3023	36.85	8.10	7.21	3	1	3024	39.67	8.10	7.21	3	1
3025	39.67	8.43	7.21	3	1	3026	25.65	10.50	7.21	3	1	3027	27.15	10.50	7.21	3	1
3028	30.65	10.50	7.21	3	1	3029	32.10	10.50	7.21	3	1	3030	33.60	10.50	7.21	3	1
3031	38.02	10.50	7.21	3	1	3032	38.92	10.50	7.21	3	1	3033	39.67	10.50	7.21	3	1
3034	41.17	10.50	7.21	3	1	3035	27.15	12.00	7.21	3	1	3036	39.67	12.00	7.21	3	1

Elenco materiali

Simbologia

α =Coeff. di dilatazione termica
ν =Coeff. di Poisson
Comm. =Commento
E =Modulo elastico
G =Modulo elastico tangenziale
Mat. =Numero del materiale
P =Peso specifico



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Mat.	Comm.	P <daN/mc>	E <daN/cm>	G <daN/cm>	v	α
4	Calcestruzzo classe C20/25	2500	302005.00	137275.00	0.1	1.00E-05
22	Muratura 1	1800	40000.00	16000.00	0.1	1.00E-05
23	Muratura 2	1800	65000.00	26000.00	0.1	1.00E-05

Elenco vincoli aste

Simbologia

Comm. = Commento

Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Mxf = Momento intorno all'asse X locale nodo finale (0=sbloccato, 1=bloccato)

Mxi = Momento intorno all'asse X locale nodo iniziale (0=sbloccato, 1=bloccato)

Myf = Momento intorno all'asse Y locale nodo finale (0=sbloccato, 1=bloccato)

Myi = Momento intorno all'asse Y locale nodo iniziale (0=sbloccato, 1=bloccato)

Mzf = Momento intorno all'asse Z locale nodo finale (0=sbloccato, 1=bloccato)

Mzi = Momento intorno all'asse Z locale nodo iniziale (0=sbloccato, 1=bloccato)

Nf = Sforzo normale nodo finale (0=sbloccato, 1=bloccato)

Ni = Sforzo normale nodo iniziale (0=sbloccato, 1=bloccato)

Tipo = Tipologia

SVI = Definizione di vincolamenti interni

ELA = Vincolo su suolo elastico alla Winkler

BIE-RTC = Biella resistente a trazione e a compressione

BIE-RC = Biella resistente solo a compressione

BIE-RT = Biella resistente solo a trazione

Tyf = Taglio in dir. Y locale nodo finale (0=sbloccato, 1=bloccato)

Tyi = Taglio in dir. Y locale nodo iniziale (0=sbloccato, 1=bloccato)

Tzf = Taglio in dir. Z locale nodo finale (0=sbloccato, 1=bloccato)

Tzi = Taglio in dir. Z locale nodo iniziale (0=sbloccato, 1=bloccato)

Va = Numero del vincolo asta

Va	Comm.	Tipo	Ni	Tyi	Tzi	Mxi	Myi	Mzi	Nf	Tyf	Tzf	Mxf	Myf	Mzf	Kt <daN/cm>
1	Inc+Inc	SVI	1	1	1	1	1	1	1	1	1	1	1	1	

Elenco aste

Simbologia

Asta = Numero dell'asta

Dy1 = Scost. filo fisso Y1

Dy2 = Scost. filo fisso Y2

Dz1 = Scost. filo fisso Z1

Dz2 = Scost. filo fisso Z2

FF = Filo fisso

Kt = Coeff. di sottofondo su suolo elastico alla Winkler

N1 = Nodo iniziale

N2 = Nodo finale

Par. = Numero dei parametri aggiuntivi

Rot. = Rotazione

Sez. = Numero della sezione

Va = Numero del vincolo asta

Asta	N1	N2	Sez.	Va	Par.	Rot. <grad>	FF <cm>	Dy1 <cm>	Dy2 <cm>	Dz1 <cm>	Dz2 <cm>	Kt <daN/cm>
0	-20	9		1		0.00	11	0.00	0.00	0.00	0.00	
0	9	-3		1		0.00	11	0.00	0.00	0.00	0.00	
0	-24	-20		1		0.00	11	0.00	0.00	0.00	0.00	
0	-3	-4		1		0.00	11	0.00	0.00	0.00	0.00	
0	1009	-125		1		0.00	11	0.00	0.00	0.00	0.00	
0	25	-24		1		0.00	11	0.00	0.00	0.00	0.00	
0	-142	1009		1		0.00	11	0.00	0.00	0.00	0.00	
0	-146	-142		1		0.00	11	0.00	0.00	0.00	0.00	
0	-4	-5		1		0.00	11	0.00	0.00	0.00	0.00	
0	-125	-126		1		0.00	11	0.00	0.00	0.00	0.00	
0	-30	25		1		0.00	11	0.00	0.00	0.00	0.00	
0	1025	-146		1		0.00	11	0.00	0.00	0.00	0.00	
0	-152	1025		1		0.00	11	0.00	0.00	0.00	0.00	
0	-5	-6		1		0.00	11	0.00	0.00	0.00	0.00	
0	-126	-127		1		0.00	11	0.00	0.00	0.00	0.00	
0	-127	-128		1		0.00	11	0.00	0.00	0.00	0.00	



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	33	-30	1	0.00	11	0.00	0.00	0.00	0.00
0	-45	33	1	0.00	11	0.00	0.00	0.00	0.00
0	-247	2009	1	0.00	11	0.00	0.00	0.00	0.00
0	-49	-45	1	0.00	11	0.00	0.00	0.00	0.00
0	1033	-152	1	0.00	11	0.00	0.00	0.00	0.00
0	-250	-247	1	0.00	11	0.00	0.00	0.00	0.00
0	2026	-250	1	0.00	11	0.00	0.00	0.00	0.00
0	2034	2026	1	0.00	11	0.00	0.00	0.00	0.00
0	-265	2034	1	0.00	11	0.00	0.00	0.00	0.00
0	-6	10	1	0.00	11	0.00	0.00	0.00	0.00
0	10	11	1	0.00	11	0.00	0.00	0.00	0.00
0	-128	1010	1	0.00	11	0.00	0.00	0.00	0.00
0	41	-49	1	0.00	11	0.00	0.00	0.00	0.00
0	-167	1033	1	0.00	11	0.00	0.00	0.00	0.00
0	-171	-167	1	0.00	11	0.00	0.00	0.00	0.00
0	-270	-265	1	0.00	11	0.00	0.00	0.00	0.00
0	11	-23	1	0.00	11	0.00	0.00	0.00	0.00
0	11	-7	1	0.00	11	0.00	0.00	0.00	0.00
0	-23	24	1	0.00	11	0.00	0.00	0.00	0.00
0	1010	1011	1	0.00	11	0.00	0.00	0.00	0.00
0	42	41	1	0.00	11	0.00	0.00	0.00	0.00
0	1041	-171	1	0.00	11	0.00	0.00	0.00	0.00
0	1042	1041	1	0.00	11	0.00	0.00	0.00	0.00
0	2042	-270	1	0.00	11	0.00	0.00	0.00	0.00
0	-7	-8	1	0.00	11	0.00	0.00	0.00	0.00
0	1011	-145	1	0.00	11	0.00	0.00	0.00	0.00
0	-145	1024	1	0.00	11	0.00	0.00	0.00	0.00
0	2009	2010	1	0.00	11	0.00	0.00	0.00	0.00
0	1011	-129	1	0.00	11	0.00	0.00	0.00	0.00
0	24	26	1	0.00	11	0.00	0.00	0.00	0.00
0	-8	-9	1	0.00	11	0.00	0.00	0.00	0.00
0	-129	-130	1	0.00	11	0.00	0.00	0.00	0.00
0	26	-40	1	0.00	11	0.00	0.00	0.00	0.00
0	1024	1026	1	0.00	11	0.00	0.00	0.00	0.00
0	2010	2011	1	0.00	11	0.00	0.00	0.00	0.00
0	-249	2025	1	0.00	11	0.00	0.00	0.00	0.00
0	50	42	1	0.00	11	0.00	0.00	0.00	0.00
0	1050	1042	1	0.00	11	0.00	0.00	0.00	0.00
0	1026	-162	1	0.00	11	0.00	0.00	0.00	0.00
0	-9	-10	1	0.00	11	0.00	0.00	0.00	0.00
0	-130	-131	1	0.00	11	0.00	0.00	0.00	0.00
0	2011	-249	1	0.00	11	0.00	0.00	0.00	0.00
0	2011	2012	1	0.00	11	0.00	0.00	0.00	0.00
0	55	50	1	0.00	11	0.00	0.00	0.00	0.00
0	1055	1050	1	0.00	11	0.00	0.00	0.00	0.00
0	-131	-132	1	0.00	11	0.00	0.00	0.00	0.00
0	81	-79	1	0.00	11	0.00	0.00	0.00	0.00
0	1056	1055	1	0.00	11	0.00	0.00	0.00	0.00
0	2051	2043	1	0.00	11	0.00	0.00	0.00	0.00
0	2056	2051	1	0.00	11	0.00	0.00	0.00	0.00
0	-162	-166	1	0.00	11	0.00	0.00	0.00	0.00
0	-79	56	1	0.00	11	0.00	0.00	0.00	0.00
0	57	56	1	0.00	11	0.00	0.00	0.00	0.00
0	2057	2056	1	0.00	11	0.00	0.00	0.00	0.00
0	-40	-44	1	0.00	11	0.00	0.00	0.00	0.00
0	-44	38	1	0.00	11	0.00	0.00	0.00	0.00
0	2025	2027	1	0.00	11	0.00	0.00	0.00	0.00
0	2027	-260	1	0.00	11	0.00	0.00	0.00	0.00
0	56	55	1	0.00	11	0.00	0.00	0.00	0.00
0	-260	-264	1	0.00	11	0.00	0.00	0.00	0.00
0	-10	12	1	0.00	11	0.00	0.00	0.00	0.00
0	-132	1012	1	0.00	11	0.00	0.00	0.00	0.00
0	-201	1056	1	0.00	11	0.00	0.00	0.00	0.00
0	1057	1056	1	0.00	11	0.00	0.00	0.00	0.00
0	-264	2039	1	0.00	11	0.00	0.00	0.00	0.00
0	58	57	1	0.00	11	0.00	0.00	0.00	0.00
0	84	81	1	0.00	11	0.00	0.00	0.00	0.00
0	1082	-201	1	0.00	11	0.00	0.00	0.00	0.00
0	2083	-288	1	0.00	11	0.00	0.00	0.00	0.00
0	12	-21	1	0.00	11	0.00	0.00	0.00	0.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	-70	58	1	0.00	11	0.00	0.00	0.00	0.00
0	2043	2042	1	0.00	11	0.00	0.00	0.00	0.00
0	-192	1058	1	0.00	11	0.00	0.00	0.00	0.00
0	2058	2057	1	0.00	11	0.00	0.00	0.00	0.00
0	-166	1038	1	0.00	11	0.00	0.00	0.00	0.00
0	1058	1057	1	0.00	11	0.00	0.00	0.00	0.00
0	-11	-12	1	0.00	11	0.00	0.00	0.00	0.00
0	-53	-62	1	0.00	11	0.00	0.00	0.00	0.00
0	2059	2058	1	0.00	11	0.00	0.00	0.00	0.00
0	12	-11	1	0.00	11	0.00	0.00	0.00	0.00
0	-285	2059	1	0.00	11	0.00	0.00	0.00	0.00
0	-21	23	1	0.00	11	0.00	0.00	0.00	0.00
0	1012	-143	1	0.00	11	0.00	0.00	0.00	0.00
0	1012	-133	1	0.00	11	0.00	0.00	0.00	0.00
0	38	-53	1	0.00	11	0.00	0.00	0.00	0.00
0	1038	-175	1	0.00	11	0.00	0.00	0.00	0.00
0	23	-29	1	0.00	11	0.00	0.00	0.00	0.00
0	-143	1023	1	0.00	11	0.00	0.00	0.00	0.00
0	-133	-134	1	0.00	11	0.00	0.00	0.00	0.00
0	1085	1082	1	0.00	11	0.00	0.00	0.00	0.00
0	2086	2083	1	0.00	11	0.00	0.00	0.00	0.00
0	-134	1013	1	0.00	11	0.00	0.00	0.00	0.00
0	-71	-70	1	0.00	11	0.00	0.00	0.00	0.00
0	-193	-192	1	0.00	11	0.00	0.00	0.00	0.00
0	51	-68	1	0.00	11	0.00	0.00	0.00	0.00
0	2039	2052	1	0.00	11	0.00	0.00	0.00	0.00
0	-29	-39	1	0.00	11	0.00	0.00	0.00	0.00
0	1023	-151	1	0.00	11	0.00	0.00	0.00	0.00
0	-62	51	1	0.00	11	0.00	0.00	0.00	0.00
0	-175	-184	1	0.00	11	0.00	0.00	0.00	0.00
0	-286	-285	1	0.00	11	0.00	0.00	0.00	0.00
0	2088	2086	1	0.00	11	0.00	0.00	0.00	0.00
0	13	-13	1	0.00	11	0.00	0.00	0.00	0.00
0	-13	-14	1	0.00	11	0.00	0.00	0.00	0.00
0	2012	2018	1	0.00	11	0.00	0.00	0.00	0.00
0	2018	2024	1	0.00	11	0.00	0.00	0.00	0.00
0	86	84	1	0.00	11	0.00	0.00	0.00	0.00
0	-72	-71	1	0.00	11	0.00	0.00	0.00	0.00
0	-288	2057	1	0.00	11	0.00	0.00	0.00	0.00
0	-12	13	1	0.00	11	0.00	0.00	0.00	0.00
0	1013	1018	1	0.00	11	0.00	0.00	0.00	0.00
0	2012	2013	1	0.00	11	0.00	0.00	0.00	0.00
0	-184	1051	1	0.00	11	0.00	0.00	0.00	0.00
0	-151	-161	1	0.00	11	0.00	0.00	0.00	0.00
0	100	86	1	0.00	11	0.00	0.00	0.00	0.00
0	1087	1085	1	0.00	11	0.00	0.00	0.00	0.00
0	13	18	1	0.00	11	0.00	0.00	0.00	0.00
0	1013	-135	1	0.00	11	0.00	0.00	0.00	0.00
0	-135	-136	1	0.00	11	0.00	0.00	0.00	0.00
0	2013	2019	1	0.00	11	0.00	0.00	0.00	0.00
0	59	-72	1	0.00	11	0.00	0.00	0.00	0.00
0	-194	-193	1	0.00	11	0.00	0.00	0.00	0.00
0	1101	1087	1	0.00	11	0.00	0.00	0.00	0.00
0	2102	2088	1	0.00	11	0.00	0.00	0.00	0.00
0	-39	34	1	0.00	11	0.00	0.00	0.00	0.00
0	-161	1034	1	0.00	11	0.00	0.00	0.00	0.00
0	-68	59	1	0.00	11	0.00	0.00	0.00	0.00
0	60	59	1	0.00	11	0.00	0.00	0.00	0.00
0	59	-78	1	0.00	11	0.00	0.00	0.00	0.00
0	1051	-190	1	0.00	11	0.00	0.00	0.00	0.00
0	1059	-194	1	0.00	11	0.00	0.00	0.00	0.00
0	-190	1059	1	0.00	11	0.00	0.00	0.00	0.00
0	2060	-287	1	0.00	11	0.00	0.00	0.00	0.00
0	-14	14	1	0.00	11	0.00	0.00	0.00	0.00
0	2013	2014	1	0.00	11	0.00	0.00	0.00	0.00
0	-283	2060	1	0.00	11	0.00	0.00	0.00	0.00
0	103	100	1	0.00	11	0.00	0.00	0.00	0.00
0	1104	1101	1	0.00	11	0.00	0.00	0.00	0.00
0	-136	1014	1	0.00	11	0.00	0.00	0.00	0.00
0	1034	-169	1	0.00	11	0.00	0.00	0.00	0.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	114	103	1	0.00	11	0.00	0.00	0.00	0.00
0	1115	1104	1	0.00	11	0.00	0.00	0.00	0.00
0	2105	2102	1	0.00	11	0.00	0.00	0.00	0.00
0	-73	60	1	0.00	11	0.00	0.00	0.00	0.00
0	1060	1059	1	0.00	11	0.00	0.00	0.00	0.00
0	1059	-200	1	0.00	11	0.00	0.00	0.00	0.00
0	-287	-286	1	0.00	11	0.00	0.00	0.00	0.00
0	2052	-283	1	0.00	11	0.00	0.00	0.00	0.00
0	34	-47	1	0.00	11	0.00	0.00	0.00	0.00
0	2024	2035	1	0.00	11	0.00	0.00	0.00	0.00
0	2061	2060	1	0.00	11	0.00	0.00	0.00	0.00
0	14	15	1	0.00	11	0.00	0.00	0.00	0.00
0	1014	1015	1	0.00	11	0.00	0.00	0.00	0.00
0	-100	103	1	0.00	11	0.00	0.00	0.00	0.00
0	-221	1104	1	0.00	11	0.00	0.00	0.00	0.00
0	2116	2105	1	0.00	11	0.00	0.00	0.00	0.00
0	2014	2015	1	0.00	11	0.00	0.00	0.00	0.00
0	-47	39	1	0.00	11	0.00	0.00	0.00	0.00
0	-169	1039	1	0.00	11	0.00	0.00	0.00	0.00
0	2035	-268	1	0.00	11	0.00	0.00	0.00	0.00
0	-268	2040	1	0.00	11	0.00	0.00	0.00	0.00
0	116	114	1	0.00	11	0.00	0.00	0.00	0.00
0	1117	1115	1	0.00	11	0.00	0.00	0.00	0.00
0	15	-15	1	0.00	11	0.00	0.00	0.00	0.00
0	15	-25	1	0.00	11	0.00	0.00	0.00	0.00
0	1015	-137	1	0.00	11	0.00	0.00	0.00	0.00
0	-78	80	1	0.00	11	0.00	0.00	0.00	0.00
0	39	-54	1	0.00	11	0.00	0.00	0.00	0.00
0	1039	-176	1	0.00	11	0.00	0.00	0.00	0.00
0	-222	-221	1	0.00	11	0.00	0.00	0.00	0.00
0	-302	2105	1	0.00	11	0.00	0.00	0.00	0.00
0	-15	-16	1	0.00	11	0.00	0.00	0.00	0.00
0	1015	-147	1	0.00	11	0.00	0.00	0.00	0.00
0	-200	1081	1	0.00	11	0.00	0.00	0.00	0.00
0	-74	-73	1	0.00	11	0.00	0.00	0.00	0.00
0	-195	1060	1	0.00	11	0.00	0.00	0.00	0.00
0	2060	2082	1	0.00	11	0.00	0.00	0.00	0.00
0	-101	-100	1	0.00	11	0.00	0.00	0.00	0.00
0	-113	116	1	0.00	11	0.00	0.00	0.00	0.00
0	-25	-27	1	0.00	11	0.00	0.00	0.00	0.00
0	-137	-138	1	0.00	11	0.00	0.00	0.00	0.00
0	2015	-244	1	0.00	11	0.00	0.00	0.00	0.00
0	-234	1117	1	0.00	11	0.00	0.00	0.00	0.00
0	80	-92	1	0.00	11	0.00	0.00	0.00	0.00
0	1081	-213	1	0.00	11	0.00	0.00	0.00	0.00
0	-54	-63	1	0.00	11	0.00	0.00	0.00	0.00
0	2062	2061	1	0.00	11	0.00	0.00	0.00	0.00
0	-102	-101	1	0.00	11	0.00	0.00	0.00	0.00
0	2082	-296	1	0.00	11	0.00	0.00	0.00	0.00
0	-16	16	1	0.00	11	0.00	0.00	0.00	0.00
0	-138	1016	1	0.00	11	0.00	0.00	0.00	0.00
0	2015	2029	1	0.00	11	0.00	0.00	0.00	0.00
0	-116	-113	1	0.00	11	0.00	0.00	0.00	0.00
0	-197	-196	1	0.00	11	0.00	0.00	0.00	0.00
0	-92	-96	1	0.00	11	0.00	0.00	0.00	0.00
0	-303	-302	1	0.00	11	0.00	0.00	0.00	0.00
0	-147	-149	1	0.00	11	0.00	0.00	0.00	0.00
0	-63	52	1	0.00	11	0.00	0.00	0.00	0.00
0	-176	-185	1	0.00	11	0.00	0.00	0.00	0.00
0	-223	-222	1	0.00	11	0.00	0.00	0.00	0.00
0	-237	-234	1	0.00	11	0.00	0.00	0.00	0.00
0	-75	-74	1	0.00	11	0.00	0.00	0.00	0.00
0	-196	-195	1	0.00	11	0.00	0.00	0.00	0.00
0	-96	-99	1	0.00	11	0.00	0.00	0.00	0.00
0	-304	-303	1	0.00	11	0.00	0.00	0.00	0.00
0	-27	28	1	0.00	11	0.00	0.00	0.00	0.00
0	-185	1052	1	0.00	11	0.00	0.00	0.00	0.00
0	2106	-304	1	0.00	11	0.00	0.00	0.00	0.00
0	61	-75	1	0.00	11	0.00	0.00	0.00	0.00
0	28	-41	1	0.00	11	0.00	0.00	0.00	0.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	-149	1028	1	0.00	11	0.00	0.00	0.00	0.00
0	-245	2016	1	0.00	11	0.00	0.00	0.00	0.00
0	104	-102	1	0.00	11	0.00	0.00	0.00	0.00
0	2118	2116	1	0.00	11	0.00	0.00	0.00	0.00
0	-311	2118	1	0.00	11	0.00	0.00	0.00	0.00
0	1028	-163	1	0.00	11	0.00	0.00	0.00	0.00
0	52	-69	1	0.00	11	0.00	0.00	0.00	0.00
0	1061	-197	1	0.00	11	0.00	0.00	0.00	0.00
0	-198	1063	1	0.00	11	0.00	0.00	0.00	0.00
0	2040	2053	1	0.00	11	0.00	0.00	0.00	0.00
0	-313	-311	1	0.00	11	0.00	0.00	0.00	0.00
0	-17	-18	1	0.00	11	0.00	0.00	0.00	0.00
0	-244	-245	1	0.00	11	0.00	0.00	0.00	0.00
0	-213	-217	1	0.00	11	0.00	0.00	0.00	0.00
0	105	104	1	0.00	11	0.00	0.00	0.00	0.00
0	1105	-223	1	0.00	11	0.00	0.00	0.00	0.00
0	16	-17	1	0.00	11	0.00	0.00	0.00	0.00
0	-217	-220	1	0.00	11	0.00	0.00	0.00	0.00
0	1106	1105	1	0.00	11	0.00	0.00	0.00	0.00
0	-296	-299	1	0.00	11	0.00	0.00	0.00	0.00
0	1016	-139	1	0.00	11	0.00	0.00	0.00	0.00
0	-119	-116	1	0.00	11	0.00	0.00	0.00	0.00
0	117	-119	1	0.00	11	0.00	0.00	0.00	0.00
0	-240	-237	1	0.00	11	0.00	0.00	0.00	0.00
0	2119	-315	1	0.00	11	0.00	0.00	0.00	0.00
0	-69	62	1	0.00	11	0.00	0.00	0.00	0.00
0	-41	35	1	0.00	11	0.00	0.00	0.00	0.00
0	-163	1035	1	0.00	11	0.00	0.00	0.00	0.00
0	63	62	1	0.00	11	0.00	0.00	0.00	0.00
0	-76	63	1	0.00	11	0.00	0.00	0.00	0.00
0	1052	-191	1	0.00	11	0.00	0.00	0.00	0.00
0	1062	1061	1	0.00	11	0.00	0.00	0.00	0.00
0	-191	1062	1	0.00	11	0.00	0.00	0.00	0.00
0	1063	1062	1	0.00	11	0.00	0.00	0.00	0.00
0	2053	-284	1	0.00	11	0.00	0.00	0.00	0.00
0	2063	2062	1	0.00	11	0.00	0.00	0.00	0.00
0	1	-1	1	0.00	11	0.00	0.00	0.00	0.00
0	-139	-140	1	0.00	11	0.00	0.00	0.00	0.00
0	-284	2063	1	0.00	11	0.00	0.00	0.00	0.00
0	2064	2063	1	0.00	11	0.00	0.00	0.00	0.00
0	-1	2	1	0.00	11	0.00	0.00	0.00	0.00
0	1001	-123	1	0.00	11	0.00	0.00	0.00	0.00
0	-99	106	1	0.00	11	0.00	0.00	0.00	0.00
0	17	1	1	0.00	11	0.00	0.00	0.00	0.00
0	1017	1001	1	0.00	11	0.00	0.00	0.00	0.00
0	-140	1017	1	0.00	11	0.00	0.00	0.00	0.00
0	2017	2001	1	0.00	11	0.00	0.00	0.00	0.00
0	106	105	1	0.00	11	0.00	0.00	0.00	0.00
0	1107	1106	1	0.00	11	0.00	0.00	0.00	0.00
0	118	117	1	0.00	11	0.00	0.00	0.00	0.00
0	1107	1116	1	0.00	11	0.00	0.00	0.00	0.00
0	-224	1108	1	0.00	11	0.00	0.00	0.00	0.00
0	-120	118	1	0.00	11	0.00	0.00	0.00	0.00
0	1118	-240	1	0.00	11	0.00	0.00	0.00	0.00
0	-18	17	1	0.00	11	0.00	0.00	0.00	0.00
0	1119	1118	1	0.00	11	0.00	0.00	0.00	0.00
0	-315	-313	1	0.00	11	0.00	0.00	0.00	0.00
0	-123	1002	1	0.00	11	0.00	0.00	0.00	0.00
0	106	115	1	0.00	11	0.00	0.00	0.00	0.00
0	106	-103	1	0.00	11	0.00	0.00	0.00	0.00
0	2107	2106	1	0.00	11	0.00	0.00	0.00	0.00
0	2108	2117	1	0.00	11	0.00	0.00	0.00	0.00
0	35	-51	1	0.00	11	0.00	0.00	0.00	0.00
0	-22	17	1	0.00	11	0.00	0.00	0.00	0.00
0	-103	107	1	0.00	11	0.00	0.00	0.00	0.00
0	1107	-224	1	0.00	11	0.00	0.00	0.00	0.00
0	-299	-301	1	0.00	11	0.00	0.00	0.00	0.00
0	2108	2109	1	0.00	11	0.00	0.00	0.00	0.00
0	1002	1003	1	0.00	11	0.00	0.00	0.00	0.00
0	-51	-56	1	0.00	11	0.00	0.00	0.00	0.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	1035	-173	1	0.00	11	0.00	0.00	0.00	0.00
0	115	-110	1	0.00	11	0.00	0.00	0.00	0.00
0	1108	1109	1	0.00	11	0.00	0.00	0.00	0.00
0	-301	2108	1	0.00	11	0.00	0.00	0.00	0.00
0	-26	-22	1	0.00	11	0.00	0.00	0.00	0.00
0	-144	1017	1	0.00	11	0.00	0.00	0.00	0.00
0	1027	-148	1	0.00	11	0.00	0.00	0.00	0.00
0	-248	2017	1	0.00	11	0.00	0.00	0.00	0.00
0	2002	2003	1	0.00	11	0.00	0.00	0.00	0.00
0	-272	-274	1	0.00	11	0.00	0.00	0.00	0.00
0	2121	2120	1	0.00	11	0.00	0.00	0.00	0.00
0	27	-26	1	0.00	11	0.00	0.00	0.00	0.00
0	-148	-144	1	0.00	11	0.00	0.00	0.00	0.00
0	3	4	1	0.00	11	0.00	0.00	0.00	0.00
0	2016	2017	1	0.00	11	0.00	0.00	0.00	0.00
0	-220	1107	1	0.00	11	0.00	0.00	0.00	0.00
0	2001	2002	1	0.00	11	0.00	0.00	0.00	0.00
0	2120	2119	1	0.00	11	0.00	0.00	0.00	0.00
0	-56	-64	1	0.00	11	0.00	0.00	0.00	0.00
0	2036	-272	1	0.00	11	0.00	0.00	0.00	0.00
0	2	3	1	0.00	11	0.00	0.00	0.00	0.00
0	-110	-112	1	0.00	11	0.00	0.00	0.00	0.00
0	1116	-231	1	0.00	11	0.00	0.00	0.00	0.00
0	-231	-233	1	0.00	11	0.00	0.00	0.00	0.00
0	-233	-236	1	0.00	11	0.00	0.00	0.00	0.00
0	2108	2107	1	0.00	11	0.00	0.00	0.00	0.00
0	-241	1119	1	0.00	11	0.00	0.00	0.00	0.00
0	-112	-115	1	0.00	11	0.00	0.00	0.00	0.00
0	2109	2110	1	0.00	11	0.00	0.00	0.00	0.00
0	-199	-198	1	0.00	11	0.00	0.00	0.00	0.00
0	4	5	1	0.00	11	0.00	0.00	0.00	0.00
0	1004	1005	1	0.00	11	0.00	0.00	0.00	0.00
0	2004	2005	1	0.00	11	0.00	0.00	0.00	0.00
0	1029	1027	1	0.00	11	0.00	0.00	0.00	0.00
0	3004	3001	1	0.00	11	0.00	0.00	0.00	0.00
0	3005	3006	1	0.00	11	0.00	0.00	0.00	0.00
0	-173	-178	1	0.00	11	0.00	0.00	0.00	0.00
0	1120	-241	1	0.00	11	0.00	0.00	0.00	0.00
0	29	27	1	0.00	11	0.00	0.00	0.00	0.00
0	64	-77	1	0.00	11	0.00	0.00	0.00	0.00
0	-64	-67	1	0.00	11	0.00	0.00	0.00	0.00
0	2029	2036	1	0.00	11	0.00	0.00	0.00	0.00
0	62	61	1	0.00	11	0.00	0.00	0.00	0.00
0	107	108	1	0.00	11	0.00	0.00	0.00	0.00
0	1003	1004	1	0.00	11	0.00	0.00	0.00	0.00
0	-77	-76	1	0.00	11	0.00	0.00	0.00	0.00
0	119	-120	1	0.00	11	0.00	0.00	0.00	0.00
0	-178	-186	1	0.00	11	0.00	0.00	0.00	0.00
0	-274	-279	1	0.00	11	0.00	0.00	0.00	0.00
0	120	119	1	0.00	11	0.00	0.00	0.00	0.00
0	109	110	1	0.00	11	0.00	0.00	0.00	0.00
0	1110	1111	1	0.00	11	0.00	0.00	0.00	0.00
0	2111	2112	1	0.00	11	0.00	0.00	0.00	0.00
0	29	30	1	0.00	11	0.00	0.00	0.00	0.00
0	1005	1006	1	0.00	11	0.00	0.00	0.00	0.00
0	-67	65	1	0.00	11	0.00	0.00	0.00	0.00
0	-48	-43	1	0.00	11	0.00	0.00	0.00	0.00
0	6	7	1	0.00	11	0.00	0.00	0.00	0.00
0	3003	3004	1	0.00	11	0.00	0.00	0.00	0.00
0	2003	2004	1	0.00	11	0.00	0.00	0.00	0.00
0	1109	1110	1	0.00	11	0.00	0.00	0.00	0.00
0	1029	1030	1	0.00	11	0.00	0.00	0.00	0.00
0	3004	3005	1	0.00	11	0.00	0.00	0.00	0.00
0	-236	-239	1	0.00	11	0.00	0.00	0.00	0.00
0	-43	29	1	0.00	11	0.00	0.00	0.00	0.00
0	5	6	1	0.00	11	0.00	0.00	0.00	0.00
0	1111	1112	1	0.00	11	0.00	0.00	0.00	0.00
0	31	-32	1	0.00	11	0.00	0.00	0.00	0.00
0	-52	-48	1	0.00	11	0.00	0.00	0.00	0.00
0	3006	3007	1	0.00	11	0.00	0.00	0.00	0.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	2028	-251	1	0.00	11	0.00	0.00	0.00	0.00
0	2123	2122	1	0.00	11	0.00	0.00	0.00	0.00
0	-32	-33	1	0.00	11	0.00	0.00	0.00	0.00
0	-251	-248	1	0.00	11	0.00	0.00	0.00	0.00
0	3012	3004	1	0.00	11	0.00	0.00	0.00	0.00
0	3018	-320	1	0.00	11	0.00	0.00	0.00	0.00
0	108	109	1	0.00	11	0.00	0.00	0.00	0.00
0	-115	-118	1	0.00	11	0.00	0.00	0.00	0.00
0	2110	2111	1	0.00	11	0.00	0.00	0.00	0.00
0	1121	1120	1	0.00	11	0.00	0.00	0.00	0.00
0	1064	-199	1	0.00	11	0.00	0.00	0.00	0.00
0	1065	1064	1	0.00	11	0.00	0.00	0.00	0.00
0	2066	2065	1	0.00	11	0.00	0.00	0.00	0.00
0	30	-31	1	0.00	11	0.00	0.00	0.00	0.00
0	-165	1029	1	0.00	11	0.00	0.00	0.00	0.00
0	2030	2028	1	0.00	11	0.00	0.00	0.00	0.00
0	-263	2030	1	0.00	11	0.00	0.00	0.00	0.00
0	-118	122	1	0.00	11	0.00	0.00	0.00	0.00
0	1122	1121	1	0.00	11	0.00	0.00	0.00	0.00
0	-31	31	1	0.00	11	0.00	0.00	0.00	0.00
0	1030	-153	1	0.00	11	0.00	0.00	0.00	0.00
0	-320	-319	1	0.00	11	0.00	0.00	0.00	0.00
0	3019	3018	1	0.00	11	0.00	0.00	0.00	0.00
0	3008	3009	1	0.00	11	0.00	0.00	0.00	0.00
0	121	120	1	0.00	11	0.00	0.00	0.00	0.00
0	65	64	1	0.00	11	0.00	0.00	0.00	0.00
0	-186	-189	1	0.00	11	0.00	0.00	0.00	0.00
0	65	-82	1	0.00	11	0.00	0.00	0.00	0.00
0	2065	2064	1	0.00	11	0.00	0.00	0.00	0.00
0	110	111	1	0.00	11	0.00	0.00	0.00	0.00
0	2112	2113	1	0.00	11	0.00	0.00	0.00	0.00
0	-189	1065	1	0.00	11	0.00	0.00	0.00	0.00
0	-170	-165	1	0.00	11	0.00	0.00	0.00	0.00
0	122	121	1	0.00	11	0.00	0.00	0.00	0.00
0	-153	1031	1	0.00	11	0.00	0.00	0.00	0.00
0	2066	2069	1	0.00	11	0.00	0.00	0.00	0.00
0	-154	-155	1	0.00	11	0.00	0.00	0.00	0.00
0	-319	3012	1	0.00	11	0.00	0.00	0.00	0.00
0	3026	3003	1	0.00	11	0.00	0.00	0.00	0.00
0	-239	1123	1	0.00	11	0.00	0.00	0.00	0.00
0	1123	1122	1	0.00	11	0.00	0.00	0.00	0.00
0	-253	2032	1	0.00	11	0.00	0.00	0.00	0.00
0	-331	3019	1	0.00	11	0.00	0.00	0.00	0.00
0	1006	1007	1	0.00	11	0.00	0.00	0.00	0.00
0	-82	68	1	0.00	11	0.00	0.00	0.00	0.00
0	1065	1068	1	0.00	11	0.00	0.00	0.00	0.00
0	111	-104	1	0.00	11	0.00	0.00	0.00	0.00
0	1068	1069	1	0.00	11	0.00	0.00	0.00	0.00
0	-279	-282	1	0.00	11	0.00	0.00	0.00	0.00
0	2124	2123	1	0.00	11	0.00	0.00	0.00	0.00
0	1112	-225	1	0.00	11	0.00	0.00	0.00	0.00
0	1031	-154	1	0.00	11	0.00	0.00	0.00	0.00
0	1124	1123	1	0.00	11	0.00	0.00	0.00	0.00
0	2122	2121	1	0.00	11	0.00	0.00	0.00	0.00
0	43	-52	1	0.00	11	0.00	0.00	0.00	0.00
0	-174	-170	1	0.00	11	0.00	0.00	0.00	0.00
0	2030	2031	1	0.00	11	0.00	0.00	0.00	0.00
0	7	-2	1	0.00	11	0.00	0.00	0.00	0.00
0	-334	-331	1	0.00	11	0.00	0.00	0.00	0.00
0	2125	2124	1	0.00	11	0.00	0.00	0.00	0.00
0	-2	8	1	0.00	11	0.00	0.00	0.00	0.00
0	1007	-124	1	0.00	11	0.00	0.00	0.00	0.00
0	2005	2006	1	0.00	11	0.00	0.00	0.00	0.00
0	3007	3008	1	0.00	11	0.00	0.00	0.00	0.00
0	2031	-253	1	0.00	11	0.00	0.00	0.00	0.00
0	-104	-105	1	0.00	11	0.00	0.00	0.00	0.00
0	68	83	1	0.00	11	0.00	0.00	0.00	0.00
0	-33	-34	1	0.00	11	0.00	0.00	0.00	0.00
0	-344	1043	1	0.00	11	0.00	0.00	0.00	0.00
0	-269	-263	1	0.00	11	0.00	0.00	0.00	0.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	3009	3010	1	0.00	11	0.00	0.00	0.00	0.00
0	2032	-254	1	0.00	11	0.00	0.00	0.00	0.00
0	-254	-255	1	0.00	11	0.00	0.00	0.00	0.00
0	-225	-226	1	0.00	11	0.00	0.00	0.00	0.00
0	-226	-227	1	0.00	11	0.00	0.00	0.00	0.00
0	-305	-306	1	0.00	11	0.00	0.00	0.00	0.00
0	-34	-35	1	0.00	11	0.00	0.00	0.00	0.00
0	2006	2007	1	0.00	11	0.00	0.00	0.00	0.00
0	2113	-305	1	0.00	11	0.00	0.00	0.00	0.00
0	123	122	1	0.00	11	0.00	0.00	0.00	0.00
0	-124	1008	1	0.00	11	0.00	0.00	0.00	0.00
0	69	-351	1	0.00	11	0.00	0.00	0.00	0.00
0	124	123	1	0.00	11	0.00	0.00	0.00	0.00
0	1125	1124	1	0.00	11	0.00	0.00	0.00	0.00
0	1069	1084	1	0.00	11	0.00	0.00	0.00	0.00
0	-155	-156	1	0.00	11	0.00	0.00	0.00	0.00
0	1043	-174	1	0.00	11	0.00	0.00	0.00	0.00
0	-83	69	1	0.00	11	0.00	0.00	0.00	0.00
0	-204	1070	1	0.00	11	0.00	0.00	0.00	0.00
0	2069	2070	1	0.00	11	0.00	0.00	0.00	0.00
0	8	-19	1	0.00	11	0.00	0.00	0.00	0.00
0	1008	-141	1	0.00	11	0.00	0.00	0.00	0.00
0	1126	1125	1	0.00	11	0.00	0.00	0.00	0.00
0	2127	2126	1	0.00	11	0.00	0.00	0.00	0.00
0	-57	43	1	0.00	11	0.00	0.00	0.00	0.00
0	-19	19	1	0.00	11	0.00	0.00	0.00	0.00
0	-214	-219	1	0.00	11	0.00	0.00	0.00	0.00
0	-106	-107	1	0.00	11	0.00	0.00	0.00	0.00
0	1019	1020	1	0.00	11	0.00	0.00	0.00	0.00
0	-36	32	1	0.00	11	0.00	0.00	0.00	0.00
0	32	-37	1	0.00	11	0.00	0.00	0.00	0.00
0	3001	3002	1	0.00	11	0.00	0.00	0.00	0.00
0	3019	3020	1	0.00	11	0.00	0.00	0.00	0.00
0	3020	-322	1	0.00	11	0.00	0.00	0.00	0.00
0	2007	2008	1	0.00	11	0.00	0.00	0.00	0.00
0	2008	-246	1	0.00	11	0.00	0.00	0.00	0.00
0	83	-93	1	0.00	11	0.00	0.00	0.00	0.00
0	-349	1069	1	0.00	11	0.00	0.00	0.00	0.00
0	-255	-256	1	0.00	11	0.00	0.00	0.00	0.00
0	70	-83	1	0.00	11	0.00	0.00	0.00	0.00
0	1071	-204	1	0.00	11	0.00	0.00	0.00	0.00
0	-256	-257	1	0.00	11	0.00	0.00	0.00	0.00
0	-307	-308	1	0.00	11	0.00	0.00	0.00	0.00
0	19	20	1	0.00	11	0.00	0.00	0.00	0.00
0	3011	-318	1	0.00	11	0.00	0.00	0.00	0.00
0	71	70	1	0.00	11	0.00	0.00	0.00	0.00
0	54	-66	1	0.00	11	0.00	0.00	0.00	0.00
0	-58	-57	1	0.00	11	0.00	0.00	0.00	0.00
0	-35	-36	1	0.00	11	0.00	0.00	0.00	0.00
0	-246	2020	1	0.00	11	0.00	0.00	0.00	0.00
0	1054	-188	1	0.00	11	0.00	0.00	0.00	0.00
0	-273	-269	1	0.00	11	0.00	0.00	0.00	0.00
0	1070	-349	1	0.00	11	0.00	0.00	0.00	0.00
0	2020	2021	1	0.00	11	0.00	0.00	0.00	0.00
0	3010	3011	1	0.00	11	0.00	0.00	0.00	0.00
0	-98	101	1	0.00	11	0.00	0.00	0.00	0.00
0	2071	-350	1	0.00	11	0.00	0.00	0.00	0.00
0	-66	-346	1	0.00	11	0.00	0.00	0.00	0.00
0	-227	-228	1	0.00	11	0.00	0.00	0.00	0.00
0	70	-90	1	0.00	11	0.00	0.00	0.00	0.00
0	1073	1072	1	0.00	11	0.00	0.00	0.00	0.00
0	-282	2066	1	0.00	11	0.00	0.00	0.00	0.00
0	-350	2070	1	0.00	11	0.00	0.00	0.00	0.00
0	2126	2125	1	0.00	11	0.00	0.00	0.00	0.00
0	2072	2071	1	0.00	11	0.00	0.00	0.00	0.00
0	-306	-307	1	0.00	11	0.00	0.00	0.00	0.00
0	-188	-344	1	0.00	11	0.00	0.00	0.00	0.00
0	-179	1043	1	0.00	11	0.00	0.00	0.00	0.00
0	-156	-157	1	0.00	11	0.00	0.00	0.00	0.00
0	126	125	1	0.00	11	0.00	0.00	0.00	0.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	1067	1054	1	0.00	11	0.00	0.00	0.00	0.00
0	-345	2044	1	0.00	11	0.00	0.00	0.00	0.00
0	125	124	1	0.00	11	0.00	0.00	0.00	0.00
0	-141	1019	1	0.00	11	0.00	0.00	0.00	0.00
0	-93	-98	1	0.00	11	0.00	0.00	0.00	0.00
0	-157	-158	1	0.00	11	0.00	0.00	0.00	0.00
0	3021	-323	1	0.00	11	0.00	0.00	0.00	0.00
0	67	54	1	0.00	11	0.00	0.00	0.00	0.00
0	1045	1044	1	0.00	11	0.00	0.00	0.00	0.00
0	-275	2044	1	0.00	11	0.00	0.00	0.00	0.00
0	-318	3013	1	0.00	11	0.00	0.00	0.00	0.00
0	1072	1071	1	0.00	11	0.00	0.00	0.00	0.00
0	2073	2072	1	0.00	11	0.00	0.00	0.00	0.00
0	2055	-281	1	0.00	11	0.00	0.00	0.00	0.00
0	-276	-275	1	0.00	11	0.00	0.00	0.00	0.00
0	-336	-334	1	0.00	11	0.00	0.00	0.00	0.00
0	2128	2127	1	0.00	11	0.00	0.00	0.00	0.00
0	1071	-211	1	0.00	11	0.00	0.00	0.00	0.00
0	20	21	1	0.00	11	0.00	0.00	0.00	0.00
0	-257	-258	1	0.00	11	0.00	0.00	0.00	0.00
0	72	71	1	0.00	11	0.00	0.00	0.00	0.00
0	-219	1102	1	0.00	11	0.00	0.00	0.00	0.00
0	-90	-94	1	0.00	11	0.00	0.00	0.00	0.00
0	2085	2103	1	0.00	11	0.00	0.00	0.00	0.00
0	2021	2022	1	0.00	11	0.00	0.00	0.00	0.00
0	44	-58	1	0.00	11	0.00	0.00	0.00	0.00
0	-180	-179	1	0.00	11	0.00	0.00	0.00	0.00
0	-84	72	1	0.00	11	0.00	0.00	0.00	0.00
0	3027	-336	1	0.00	11	0.00	0.00	0.00	0.00
0	2129	2128	1	0.00	11	0.00	0.00	0.00	0.00
0	-211	-215	1	0.00	11	0.00	0.00	0.00	0.00
0	-308	2114	1	0.00	11	0.00	0.00	0.00	0.00
0	-205	1073	1	0.00	11	0.00	0.00	0.00	0.00
0	-81	67	1	0.00	11	0.00	0.00	0.00	0.00
0	2072	-294	1	0.00	11	0.00	0.00	0.00	0.00
0	2074	2073	1	0.00	11	0.00	0.00	0.00	0.00
0	45	44	1	0.00	11	0.00	0.00	0.00	0.00
0	1044	-180	1	0.00	11	0.00	0.00	0.00	0.00
0	1102	1113	1	0.00	11	0.00	0.00	0.00	0.00
0	-215	1088	1	0.00	11	0.00	0.00	0.00	0.00
0	2070	2085	1	0.00	11	0.00	0.00	0.00	0.00
0	-294	-297	1	0.00	11	0.00	0.00	0.00	0.00
0	2103	2114	1	0.00	11	0.00	0.00	0.00	0.00
0	-158	1032	1	0.00	11	0.00	0.00	0.00	0.00
0	21	22	1	0.00	11	0.00	0.00	0.00	0.00
0	-59	45	1	0.00	11	0.00	0.00	0.00	0.00
0	2044	-273	1	0.00	11	0.00	0.00	0.00	0.00
0	1084	-214	1	0.00	11	0.00	0.00	0.00	0.00
0	-325	-326	1	0.00	11	0.00	0.00	0.00	0.00
0	2045	-276	1	0.00	11	0.00	0.00	0.00	0.00
0	73	-84	1	0.00	11	0.00	0.00	0.00	0.00
0	73	-81	1	0.00	11	0.00	0.00	0.00	0.00
0	1088	1103	1	0.00	11	0.00	0.00	0.00	0.00
0	1089	1088	1	0.00	11	0.00	0.00	0.00	0.00
0	-37	-38	1	0.00	11	0.00	0.00	0.00	0.00
0	1032	-159	1	0.00	11	0.00	0.00	0.00	0.00
0	-324	-325	1	0.00	11	0.00	0.00	0.00	0.00
0	-281	-345	1	0.00	11	0.00	0.00	0.00	0.00
0	2068	2055	1	0.00	11	0.00	0.00	0.00	0.00
0	2033	2020	1	0.00	11	0.00	0.00	0.00	0.00
0	-181	1045	1	0.00	11	0.00	0.00	0.00	0.00
0	-322	3021	1	0.00	11	0.00	0.00	0.00	0.00
0	3027	3026	1	0.00	11	0.00	0.00	0.00	0.00
0	-121	127	1	0.00	11	0.00	0.00	0.00	0.00
0	2132	2131	1	0.00	11	0.00	0.00	0.00	0.00
0	-38	-42	1	0.00	11	0.00	0.00	0.00	0.00
0	-323	-324	1	0.00	11	0.00	0.00	0.00	0.00
0	-203	1067	1	0.00	11	0.00	0.00	0.00	0.00
0	1074	-203	1	0.00	11	0.00	0.00	0.00	0.00
0	-337	3027	1	0.00	11	0.00	0.00	0.00	0.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	3035	3027	1	0.00	11	0.00	0.00	0.00	0.00
0	127	126	1	0.00	11	0.00	0.00	0.00	0.00
0	1127	1126	1	0.00	11	0.00	0.00	0.00	0.00
0	-338	-337	1	0.00	11	0.00	0.00	0.00	0.00
0	1128	1127	1	0.00	11	0.00	0.00	0.00	0.00
0	-107	112	1	0.00	11	0.00	0.00	0.00	0.00
0	1129	-242	1	0.00	11	0.00	0.00	0.00	0.00
0	-28	-38	1	0.00	11	0.00	0.00	0.00	0.00
0	1020	1021	1	0.00	11	0.00	0.00	0.00	0.00
0	3002	3011	1	0.00	11	0.00	0.00	0.00	0.00
0	-105	-106	1	0.00	11	0.00	0.00	0.00	0.00
0	101	112	1	0.00	11	0.00	0.00	0.00	0.00
0	-228	1113	1	0.00	11	0.00	0.00	0.00	0.00
0	-242	1128	1	0.00	11	0.00	0.00	0.00	0.00
0	2046	2045	1	0.00	11	0.00	0.00	0.00	0.00
0	1074	-205	1	0.00	11	0.00	0.00	0.00	0.00
0	-347	-108	1	0.00	11	0.00	0.00	0.00	0.00
0	-291	2074	1	0.00	11	0.00	0.00	0.00	0.00
0	-290	2068	1	0.00	11	0.00	0.00	0.00	0.00
0	2075	-291	1	0.00	11	0.00	0.00	0.00	0.00
0	-150	-160	1	0.00	11	0.00	0.00	0.00	0.00
0	2023	-252	1	0.00	11	0.00	0.00	0.00	0.00
0	87	102	1	0.00	11	0.00	0.00	0.00	0.00
0	-60	46	1	0.00	11	0.00	0.00	0.00	0.00
0	-46	37	1	0.00	11	0.00	0.00	0.00	0.00
0	-160	-164	1	0.00	11	0.00	0.00	0.00	0.00
0	2022	2023	1	0.00	11	0.00	0.00	0.00	0.00
0	112	-347	1	0.00	11	0.00	0.00	0.00	0.00
0	-348	-229	1	0.00	11	0.00	0.00	0.00	0.00
0	-297	2089	1	0.00	11	0.00	0.00	0.00	0.00
0	22	-28	1	0.00	11	0.00	0.00	0.00	0.00
0	1021	1022	1	0.00	11	0.00	0.00	0.00	0.00
0	-85	73	1	0.00	11	0.00	0.00	0.00	0.00
0	2090	2089	1	0.00	11	0.00	0.00	0.00	0.00
0	2047	2046	1	0.00	11	0.00	0.00	0.00	0.00
0	37	40	1	0.00	11	0.00	0.00	0.00	0.00
0	-164	-168	1	0.00	11	0.00	0.00	0.00	0.00
0	-258	2033	1	0.00	11	0.00	0.00	0.00	0.00
0	-94	87	1	0.00	11	0.00	0.00	0.00	0.00
0	-261	2033	1	0.00	11	0.00	0.00	0.00	0.00
0	-206	1074	1	0.00	11	0.00	0.00	0.00	0.00
0	-108	113	1	0.00	11	0.00	0.00	0.00	0.00
0	46	-59	1	0.00	11	0.00	0.00	0.00	0.00
0	-159	-160	1	0.00	11	0.00	0.00	0.00	0.00
0	3014	3015	1	0.00	11	0.00	0.00	0.00	0.00
0	-327	3022	1	0.00	11	0.00	0.00	0.00	0.00
0	-316	2129	1	0.00	11	0.00	0.00	0.00	0.00
0	1113	-348	1	0.00	11	0.00	0.00	0.00	0.00
0	3016	3017	1	0.00	11	0.00	0.00	0.00	0.00
0	88	87	1	0.00	11	0.00	0.00	0.00	0.00
0	-91	73	1	0.00	11	0.00	0.00	0.00	0.00
0	-266	-261	1	0.00	11	0.00	0.00	0.00	0.00
0	-252	-259	1	0.00	11	0.00	0.00	0.00	0.00
0	-207	-206	1	0.00	11	0.00	0.00	0.00	0.00
0	2075	-290	1	0.00	11	0.00	0.00	0.00	0.00
0	1022	-150	1	0.00	11	0.00	0.00	0.00	0.00
0	113	-109	1	0.00	11	0.00	0.00	0.00	0.00
0	-229	1114	1	0.00	11	0.00	0.00	0.00	0.00
0	1046	-181	1	0.00	11	0.00	0.00	0.00	0.00
0	102	-352	1	0.00	11	0.00	0.00	0.00	0.00
0	-172	1036	1	0.00	11	0.00	0.00	0.00	0.00
0	-61	-60	1	0.00	11	0.00	0.00	0.00	0.00
0	3013	3014	1	0.00	11	0.00	0.00	0.00	0.00
0	3016	-321	1	0.00	11	0.00	0.00	0.00	0.00
0	129	128	1	0.00	11	0.00	0.00	0.00	0.00
0	1103	-353	1	0.00	11	0.00	0.00	0.00	0.00
0	130	129	1	0.00	11	0.00	0.00	0.00	0.00
0	2131	2130	1	0.00	11	0.00	0.00	0.00	0.00
0	1090	1089	1	0.00	11	0.00	0.00	0.00	0.00
0	37	-50	1	0.00	11	0.00	0.00	0.00	0.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	-277	2047	1	0.00	11	0.00	0.00	0.00	0.00
0	-168	1037	1	0.00	11	0.00	0.00	0.00	0.00
0	-259	-262	1	0.00	11	0.00	0.00	0.00	0.00
0	3013	3022	1	0.00	11	0.00	0.00	0.00	0.00
0	3015	3016	1	0.00	11	0.00	0.00	0.00	0.00
0	-353	1114	1	0.00	11	0.00	0.00	0.00	0.00
0	-86	-85	1	0.00	11	0.00	0.00	0.00	0.00
0	3029	3028	1	0.00	11	0.00	0.00	0.00	0.00
0	128	-121	1	0.00	11	0.00	0.00	0.00	0.00
0	2114	2115	1	0.00	11	0.00	0.00	0.00	0.00
0	-212	1074	1	0.00	11	0.00	0.00	0.00	0.00
0	3030	3029	1	0.00	11	0.00	0.00	0.00	0.00
0	3036	3035	1	0.00	11	0.00	0.00	0.00	0.00
0	1091	1090	1	0.00	11	0.00	0.00	0.00	0.00
0	131	130	1	0.00	11	0.00	0.00	0.00	0.00
0	-109	-111	1	0.00	11	0.00	0.00	0.00	0.00
0	-298	-295	1	0.00	11	0.00	0.00	0.00	0.00
0	1114	-230	1	0.00	11	0.00	0.00	0.00	0.00
0	-42	-46	1	0.00	11	0.00	0.00	0.00	0.00
0	-111	-114	1	0.00	11	0.00	0.00	0.00	0.00
0	2089	2104	1	0.00	11	0.00	0.00	0.00	0.00
0	-343	-65	1	0.00	11	0.00	0.00	0.00	0.00
0	2037	-266	1	0.00	11	0.00	0.00	0.00	0.00
0	-326	-327	1	0.00	11	0.00	0.00	0.00	0.00
0	-321	-328	1	0.00	11	0.00	0.00	0.00	0.00
0	2115	-309	1	0.00	11	0.00	0.00	0.00	0.00
0	74	-86	1	0.00	11	0.00	0.00	0.00	0.00
0	-267	2038	1	0.00	11	0.00	0.00	0.00	0.00
0	-329	3022	1	0.00	11	0.00	0.00	0.00	0.00
0	1078	1077	1	0.00	11	0.00	0.00	0.00	0.00
0	3028	-338	1	0.00	11	0.00	0.00	0.00	0.00
0	-332	-329	1	0.00	11	0.00	0.00	0.00	0.00
0	1130	1129	1	0.00	11	0.00	0.00	0.00	0.00
0	89	88	1	0.00	11	0.00	0.00	0.00	0.00
0	-95	-91	1	0.00	11	0.00	0.00	0.00	0.00
0	2076	2075	1	0.00	11	0.00	0.00	0.00	0.00
0	1131	1130	1	0.00	11	0.00	0.00	0.00	0.00
0	-50	36	1	0.00	11	0.00	0.00	0.00	0.00
0	90	89	1	0.00	11	0.00	0.00	0.00	0.00
0	-354	2115	1	0.00	11	0.00	0.00	0.00	0.00
0	2134	2133	1	0.00	11	0.00	0.00	0.00	0.00
0	1092	1091	1	0.00	11	0.00	0.00	0.00	0.00
0	47	-61	1	0.00	11	0.00	0.00	0.00	0.00
0	-271	2037	1	0.00	11	0.00	0.00	0.00	0.00
0	-328	-330	1	0.00	11	0.00	0.00	0.00	0.00
0	90	-95	1	0.00	11	0.00	0.00	0.00	0.00
0	1091	-216	1	0.00	11	0.00	0.00	0.00	0.00
0	92	91	1	0.00	11	0.00	0.00	0.00	0.00
0	-295	2075	1	0.00	11	0.00	0.00	0.00	0.00
0	2104	-354	1	0.00	11	0.00	0.00	0.00	0.00
0	-216	-212	1	0.00	11	0.00	0.00	0.00	0.00
0	2092	2091	1	0.00	11	0.00	0.00	0.00	0.00
0	-278	-277	1	0.00	11	0.00	0.00	0.00	0.00
0	3023	-332	1	0.00	11	0.00	0.00	0.00	0.00
0	2091	2090	1	0.00	11	0.00	0.00	0.00	0.00
0	-182	1046	1	0.00	11	0.00	0.00	0.00	0.00
0	1132	1131	1	0.00	11	0.00	0.00	0.00	0.00
0	1075	-207	1	0.00	11	0.00	0.00	0.00	0.00
0	2092	-298	1	0.00	11	0.00	0.00	0.00	0.00
0	-230	-232	1	0.00	11	0.00	0.00	0.00	0.00
0	-309	-310	1	0.00	11	0.00	0.00	0.00	0.00
0	-262	-267	1	0.00	11	0.00	0.00	0.00	0.00
0	132	131	1	0.00	11	0.00	0.00	0.00	0.00
0	2130	-316	1	0.00	11	0.00	0.00	0.00	0.00
0	1133	1132	1	0.00	11	0.00	0.00	0.00	0.00
0	2133	2132	1	0.00	11	0.00	0.00	0.00	0.00
0	-183	-182	1	0.00	11	0.00	0.00	0.00	0.00
0	91	90	1	0.00	11	0.00	0.00	0.00	0.00
0	75	74	1	0.00	11	0.00	0.00	0.00	0.00
0	2093	2092	1	0.00	11	0.00	0.00	0.00	0.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	1076	1075	1	0.00	11	0.00	0.00	0.00	0.00
0	1037	-172	1	0.00	11	0.00	0.00	0.00	0.00
0	49	48	1	0.00	11	0.00	0.00	0.00	0.00
0	1047	-183	1	0.00	11	0.00	0.00	0.00	0.00
0	-177	1049	1	0.00	11	0.00	0.00	0.00	0.00
0	-339	3030	1	0.00	11	0.00	0.00	0.00	0.00
0	-335	3023	1	0.00	11	0.00	0.00	0.00	0.00
0	-232	-235	1	0.00	11	0.00	0.00	0.00	0.00
0	133	132	1	0.00	11	0.00	0.00	0.00	0.00
0	1037	1040	1	0.00	11	0.00	0.00	0.00	0.00
0	2038	-271	1	0.00	11	0.00	0.00	0.00	0.00
0	76	75	1	0.00	11	0.00	0.00	0.00	0.00
0	1077	1076	1	0.00	11	0.00	0.00	0.00	0.00
0	2077	2076	1	0.00	11	0.00	0.00	0.00	0.00
0	-114	-117	1	0.00	11	0.00	0.00	0.00	0.00
0	-235	-238	1	0.00	11	0.00	0.00	0.00	0.00
0	-310	-312	1	0.00	11	0.00	0.00	0.00	0.00
0	2135	2134	1	0.00	11	0.00	0.00	0.00	0.00
0	1093	1092	1	0.00	11	0.00	0.00	0.00	0.00
0	1094	1093	1	0.00	11	0.00	0.00	0.00	0.00
0	1049	1048	1	0.00	11	0.00	0.00	0.00	0.00
0	2048	-278	1	0.00	11	0.00	0.00	0.00	0.00
0	77	76	1	0.00	11	0.00	0.00	0.00	0.00
0	-340	-339	1	0.00	11	0.00	0.00	0.00	0.00
0	1134	1133	1	0.00	11	0.00	0.00	0.00	0.00
0	2094	2093	1	0.00	11	0.00	0.00	0.00	0.00
0	40	-55	1	0.00	11	0.00	0.00	0.00	0.00
0	-312	-314	1	0.00	11	0.00	0.00	0.00	0.00
0	48	47	1	0.00	11	0.00	0.00	0.00	0.00
0	-317	2135	1	0.00	11	0.00	0.00	0.00	0.00
0	-208	1078	1	0.00	11	0.00	0.00	0.00	0.00
0	-55	49	1	0.00	11	0.00	0.00	0.00	0.00
0	1040	-177	1	0.00	11	0.00	0.00	0.00	0.00
0	1048	1047	1	0.00	11	0.00	0.00	0.00	0.00
0	93	92	1	0.00	11	0.00	0.00	0.00	0.00
0	2041	2050	1	0.00	11	0.00	0.00	0.00	0.00
0	2050	2049	1	0.00	11	0.00	0.00	0.00	0.00
0	-333	3024	1	0.00	11	0.00	0.00	0.00	0.00
0	3017	3034	1	0.00	11	0.00	0.00	0.00	0.00
0	1095	1094	1	0.00	11	0.00	0.00	0.00	0.00
0	2095	2094	1	0.00	11	0.00	0.00	0.00	0.00
0	2096	2095	1	0.00	11	0.00	0.00	0.00	0.00
0	-238	1135	1	0.00	11	0.00	0.00	0.00	0.00
0	-314	2136	1	0.00	11	0.00	0.00	0.00	0.00
0	1049	-341	1	0.00	11	0.00	0.00	0.00	0.00
0	2049	2048	1	0.00	11	0.00	0.00	0.00	0.00
0	-87	77	1	0.00	11	0.00	0.00	0.00	0.00
0	-117	134	1	0.00	11	0.00	0.00	0.00	0.00
0	-243	1134	1	0.00	11	0.00	0.00	0.00	0.00
0	-341	-187	1	0.00	11	0.00	0.00	0.00	0.00
0	-65	53	1	0.00	11	0.00	0.00	0.00	0.00
0	2050	-342	1	0.00	11	0.00	0.00	0.00	0.00
0	1096	1095	1	0.00	11	0.00	0.00	0.00	0.00
0	78	-87	1	0.00	11	0.00	0.00	0.00	0.00
0	-187	1053	1	0.00	11	0.00	0.00	0.00	0.00
0	2038	2041	1	0.00	11	0.00	0.00	0.00	0.00
0	-330	-333	1	0.00	11	0.00	0.00	0.00	0.00
0	-209	1079	1	0.00	11	0.00	0.00	0.00	0.00
0	-202	1080	1	0.00	11	0.00	0.00	0.00	0.00
0	3024	3025	1	0.00	11	0.00	0.00	0.00	0.00
0	3032	3031	1	0.00	11	0.00	0.00	0.00	0.00
0	-122	133	1	0.00	11	0.00	0.00	0.00	0.00
0	-342	-280	1	0.00	11	0.00	0.00	0.00	0.00
0	3025	3033	1	0.00	11	0.00	0.00	0.00	0.00
0	3033	3032	1	0.00	11	0.00	0.00	0.00	0.00
0	94	93	1	0.00	11	0.00	0.00	0.00	0.00
0	134	-122	1	0.00	11	0.00	0.00	0.00	0.00
0	1135	-243	1	0.00	11	0.00	0.00	0.00	0.00
0	2136	-317	1	0.00	11	0.00	0.00	0.00	0.00
0	95	94	1	0.00	11	0.00	0.00	0.00	0.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	1079	-208	1	0.00	11	0.00	0.00	0.00	0.00
0	96	95	1	0.00	11	0.00	0.00	0.00	0.00
0	78	82	1	0.00	11	0.00	0.00	0.00	0.00
0	1079	1083	1	0.00	11	0.00	0.00	0.00	0.00
0	97	96	1	0.00	11	0.00	0.00	0.00	0.00
0	2078	2077	1	0.00	11	0.00	0.00	0.00	0.00
0	-88	78	1	0.00	11	0.00	0.00	0.00	0.00
0	3024	-335	1	0.00	11	0.00	0.00	0.00	0.00
0	2079	2078	1	0.00	11	0.00	0.00	0.00	0.00
0	2080	2079	1	0.00	11	0.00	0.00	0.00	0.00
0	1097	1096	1	0.00	11	0.00	0.00	0.00	0.00
0	1098	1097	1	0.00	11	0.00	0.00	0.00	0.00
0	2097	2096	1	0.00	11	0.00	0.00	0.00	0.00
0	82	85	1	0.00	11	0.00	0.00	0.00	0.00
0	1083	1086	1	0.00	11	0.00	0.00	0.00	0.00
0	2098	2097	1	0.00	11	0.00	0.00	0.00	0.00
0	2099	2098	1	0.00	11	0.00	0.00	0.00	0.00
0	53	66	1	0.00	11	0.00	0.00	0.00	0.00
0	1053	1066	1	0.00	11	0.00	0.00	0.00	0.00
0	-89	-88	1	0.00	11	0.00	0.00	0.00	0.00
0	-210	-209	1	0.00	11	0.00	0.00	0.00	0.00
0	85	-97	1	0.00	11	0.00	0.00	0.00	0.00
0	66	-80	1	0.00	11	0.00	0.00	0.00	0.00
0	79	-89	1	0.00	11	0.00	0.00	0.00	0.00
0	-280	2054	1	0.00	11	0.00	0.00	0.00	0.00
0	3031	-340	1	0.00	11	0.00	0.00	0.00	0.00
0	3034	3033	1	0.00	11	0.00	0.00	0.00	0.00
0	98	97	1	0.00	11	0.00	0.00	0.00	0.00
0	1099	1098	1	0.00	11	0.00	0.00	0.00	0.00
0	1086	-218	1	0.00	11	0.00	0.00	0.00	0.00
0	1080	-210	1	0.00	11	0.00	0.00	0.00	0.00
0	2054	2067	1	0.00	11	0.00	0.00	0.00	0.00
0	2067	-289	1	0.00	11	0.00	0.00	0.00	0.00
0	99	98	1	0.00	11	0.00	0.00	0.00	0.00
0	-97	99	1	0.00	11	0.00	0.00	0.00	0.00
0	3033	3036	1	0.00	11	0.00	0.00	0.00	0.00
0	2084	2087	1	0.00	11	0.00	0.00	0.00	0.00
0	2100	2099	1	0.00	11	0.00	0.00	0.00	0.00
0	1066	-202	1	0.00	11	0.00	0.00	0.00	0.00
0	-293	-292	1	0.00	11	0.00	0.00	0.00	0.00
0	1100	1099	1	0.00	11	0.00	0.00	0.00	0.00
0	-218	1100	1	0.00	11	0.00	0.00	0.00	0.00
0	-80	79	1	0.00	11	0.00	0.00	0.00	0.00
0	2080	2084	1	0.00	11	0.00	0.00	0.00	0.00
0	-292	2080	1	0.00	11	0.00	0.00	0.00	0.00
0	2087	-300	1	0.00	11	0.00	0.00	0.00	0.00
0	2101	2100	1	0.00	11	0.00	0.00	0.00	0.00
0	2081	-293	1	0.00	11	0.00	0.00	0.00	0.00
0	-300	2101	1	0.00	11	0.00	0.00	0.00	0.00
0	-289	2081	1	0.00	11	0.00	0.00	0.00	0.00

Elenco tipi elementi bidimensionali

Simbologia

Ang. att. = Angolo di attrito
 Ang. dil. = Angolo di dilatanza
 Coes. = Coesione
 Comm. = Commento
 Crit. = Numero del criterio di progetto
 DP = Drucker-Prager
 Kt = Coeff. di sottofondo su suolo elastico alla Winkler
 Mat. = Numero del materiale
 Spess. = Spessore
 Tb = Numero del tipo muro/elemento bidimensionale
 Tipo = Tipologia
 F = Membranale e Flessionale
 M = Membranale
 W-RC = Winkler resistente solo a compressione
 W-RTC = Winkler resistente a trazione e a compressione
 Uso = Utilizzo
 P = Parete



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

M = Muratura ordinaria

Tb	Comm.	Tipo	Uso	Spess. <cm>	Kt <daN/cmc>	DP	Ang. att. <grad>	Coes. <daN/mq>	Ang. dil. <grad>	Crit.	Mat.
1	Muratura in Laterizi Forati Pesanti Sp.25	F	M	25.00		N	0.00	0.00	0.00	7	22
2	Muratura in Laterizi Forati Pesanti Sp.25	F	M	25.00		N	0.00	0.00	0.00	7	22
3	Muratura in Laterizio Porizzato Sp.25	F	M	25.00		N	0.00	0.00	0.00	8	23
4	Pareti Cantinato	F	P	25.00		N	0.00	0.00	0.00	1	4
5	Muratura in Laterizi Forati Pesanti Sp.25 Con Intonaco Armato	F	M	25.00		N	0.00	0.00	0.00	9	22

Elenco elementi bidimensionali

Simbologia

Bid. = Numero del muro/elemento bidimensionale

Dy1 = Scost. filo fisso Y1

Dy2 = Scost. filo fisso Y2

FF = Filo fisso

Kt = Coeff. di sottofondo su suolo elastico alla Winkler

NN = Nodi

Tb = Numero del tipo muro/elemento bidimensionale

Bid.	Tb	FF	Dy1 <cm>	Dy2 <cm>	Kt <daN/cmc>	NN
192	4	11	0.00	0.00		-6 10 1010 -128
192	4	11	0.00	0.00		9 -3 -125 1009
192	4	11	0.00	0.00		-3 -4 -126 -125
193	4	11	0.00	0.00		-53 -62 -184 -175
193	4	11	0.00	0.00		26 -40 -162 1026
193	4	11	0.00	0.00		51 -68 -190 1051
193	4	11	0.00	0.00		10 11 1011 1010
193	4	11	0.00	0.00		24 26 1026 1024
193	4	11	0.00	0.00		-96 -99 -220 -217
193	4	11	0.00	0.00		115 -110 -231 1116
193	4	11	0.00	0.00		-112 -115 -236 -233
193	4	11	0.00	0.00		80 -92 -213 1081
193	4	11	0.00	0.00		-115 -118 -239 -236
193	4	11	0.00	0.00		-68 59 1059 -190
193	4	11	0.00	0.00		106 115 1116 1107
194	4	11	0.00	0.00		58 57 1057 1058
194	4	11	0.00	0.00		63 62 1062 1063
194	4	11	0.00	0.00		-74 -73 -195 -196
194	4	11	0.00	0.00		62 61 1061 1062
194	4	11	0.00	0.00		-71 -70 -192 -193
194	4	11	0.00	0.00		-75 -74 -196 -197
194	4	11	0.00	0.00		60 59 1059 1060
194	4	11	0.00	0.00		-70 58 1058 -192
195	4	11	0.00	0.00		25 -24 -146 1025
195	4	11	0.00	0.00		33 -30 -152 1033
195	4	11	0.00	0.00		-24 -20 -142 -146
195	4	11	0.00	0.00		-79 56 1056 -201
195	4	11	0.00	0.00		50 42 1042 1050
195	4	11	0.00	0.00		100 86 1087 1101
195	4	11	0.00	0.00		114 103 1104 1115
195	4	11	0.00	0.00		55 50 1050 1055
195	4	11	0.00	0.00		116 114 1115 1117
195	4	11	0.00	0.00		-30 25 1025 -152
195	4	11	0.00	0.00		84 81 1082 1085
195	4	11	0.00	0.00		-119 -116 -237 -240
196	4	11	0.00	0.00		-107 112 1113 -228
196	4	11	0.00	0.00		110 111 1112 1111
196	4	11	0.00	0.00		-102 -101 -222 -223
196	4	11	0.00	0.00		-103 107 1108 -224
196	4	11	0.00	0.00		-106 -107 -228 -227
196	4	11	0.00	0.00		-101 -100 -221 -222
196	4	11	0.00	0.00		112 -347 -348 1113
196	4	11	0.00	0.00		-104 -105 -226 -225
196	4	11	0.00	0.00		-347 -108 -229 -348
196	4	11	0.00	0.00		111 -104 -225 1112
197	4	11	0.00	0.00		121 120 1121 1122
197	4	11	0.00	0.00		129 128 1129 1130
197	4	11	0.00	0.00		118 117 1118 1119
197	4	11	0.00	0.00		125 124 1125 1126

Bid.	Tb	FF	Dy1 <cm>	Dy2 <cm>	Kt <daN/cmc>	NN
192	4	11	0.00	0.00		-5 -6 -128 -127
192	4	11	0.00	0.00		-4 -5 -127 -126
193	4	11	0.00	0.00		-40 -44 -166 -162
193	4	11	0.00	0.00		-62 51 1051 -184
193	4	11	0.00	0.00		38 -53 -175 1038
193	4	11	0.00	0.00		-118 122 1123 -239
193	4	11	0.00	0.00		11 -23 -145 1011
193	4	11	0.00	0.00		-92 -96 -217 -213
193	4	11	0.00	0.00		-99 106 1107 -220
193	4	11	0.00	0.00		-44 38 1038 -166
193	4	11	0.00	0.00		59 -78 -200 1059
193	4	11	0.00	0.00		-23 24 1024 -145
193	4	11	0.00	0.00		-110 -112 -233 -231
193	4	11	0.00	0.00		-78 80 1081 -200
194	4	11	0.00	0.00		61 -75 -197 1061
194	4	11	0.00	0.00		57 56 1056 1057
194	4	11	0.00	0.00		64 -77 -199 1064
194	4	11	0.00	0.00		-73 60 1060 -195
194	4	11	0.00	0.00		-72 -71 -193 -194
194	4	11	0.00	0.00		59 -72 -194 1059
194	4	11	0.00	0.00		-76 63 1063 -198
194	4	11	0.00	0.00		65 64 1064 1065
194	4	11	0.00	0.00		-77 -76 -198 -199
195	4	11	0.00	0.00		56 55 1055 1056
195	4	11	0.00	0.00		42 41 1041 1042
195	4	11	0.00	0.00		-20 9 1009 -142
195	4	11	0.00	0.00		41 -49 -171 1041
195	4	11	0.00	0.00		-49 -45 -167 -171
195	4	11	0.00	0.00		86 84 1085 1087
195	4	11	0.00	0.00		81 -79 -201 1082
195	4	11	0.00	0.00		-113 116 1117 -234
195	4	11	0.00	0.00		-45 33 1033 -167
195	4	11	0.00	0.00		-116 -113 -234 -237
195	4	11	0.00	0.00		117 -119 -240 1118
195	4	11	0.00	0.00		103 100 1101 1104
196	4	11	0.00	0.00		107 108 1109 1108
196	4	11	0.00	0.00		-100 103 1104 -221
196	4	11	0.00	0.00		106 -103 -224 1107
196	4	11	0.00	0.00		106 105 1106 1107
196	4	11	0.00	0.00		109 110 1111 1110
196	4	11	0.00	0.00		-108 113 1114 -229
196	4	11	0.00	0.00		104 -102 -223 1105
196	4	11	0.00	0.00		108 109 1110 1109
196	4	11	0.00	0.00		105 104 1105 1106
196	4	11	0.00	0.00		-105 -106 -227 -226
197	4	11	0.00	0.00		120 119 1120 1121
197	4	11	0.00	0.00		132 131 1132 1133
197	4	11	0.00	0.00		122 121 1122 1123
197	4	11	0.00	0.00		124 123 1124 1125



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

197	4	11	0.00	0.00		130	129	1130	1131	197	4	11	0.00	0.00		128	-121	-242	1129
197	4	11	0.00	0.00		119	-120	-241	1120	197	4	11	0.00	0.00		-121	127	1128	-242
197	4	11	0.00	0.00		126	125	1126	1127	197	4	11	0.00	0.00		131	130	1131	1132
197	4	11	0.00	0.00		134	-122	-243	1135	197	4	11	0.00	0.00		123	122	1123	1124
197	4	11	0.00	0.00		-122	133	1134	-243	197	4	11	0.00	0.00		-120	118	1119	-241
197	4	11	0.00	0.00		127	126	1127	1128	197	4	11	0.00	0.00		133	132	1133	1134
198	4	11	0.00	0.00		-9	-10	-132	-131	198	4	11	0.00	0.00		13	-13	-135	1013
198	4	11	0.00	0.00		12	-11	-133	1012	198	4	11	0.00	0.00		16	-17	-139	1016
198	4	11	0.00	0.00		-10	12	1012	-132	198	4	11	0.00	0.00		-18	17	1017	-140
198	4	11	0.00	0.00		-12	13	1013	-134	198	4	11	0.00	0.00		-13	-14	-136	-135
198	4	11	0.00	0.00		15	-15	-137	1015	198	4	11	0.00	0.00		-17	-18	-140	-139
198	4	11	0.00	0.00		-7	-8	-130	-129	198	4	11	0.00	0.00		-8	-9	-131	-130
198	4	11	0.00	0.00		-11	-12	-134	-133	198	4	11	0.00	0.00		11	-7	-129	1011
198	4	11	0.00	0.00		14	15	1015	1014	198	4	11	0.00	0.00		-14	14	1014	-136
198	4	11	0.00	0.00		-16	16	1016	-138	198	4	11	0.00	0.00		-15	-16	-138	-137
199	4	11	0.00	0.00		39	-54	-176	1039	199	4	11	0.00	0.00		-54	-63	-185	-176
199	4	11	0.00	0.00		-69	62	1062	-191	199	4	11	0.00	0.00		-39	34	1034	-161
199	4	11	0.00	0.00		-47	39	1039	-169	199	4	11	0.00	0.00		52	-69	-191	1052
199	4	11	0.00	0.00		-63	52	1052	-185	199	4	11	0.00	0.00		12	-21	-143	1012
199	4	11	0.00	0.00		-21	23	1023	-143	199	4	11	0.00	0.00		-29	-39	-161	-151
199	4	11	0.00	0.00		34	-47	-169	1034	199	4	11	0.00	0.00		23	-29	-151	1023
200	4	11	0.00	0.00		13	18	1018	1013	201	4	11	0.00	0.00		-25	-27	-149	-147
201	4	11	0.00	0.00		101	112	1113	1102	201	4	11	0.00	0.00		65	-82	1068	1065
201	4	11	0.00	0.00		-27	28	1028	-149	201	4	11	0.00	0.00		-93	-98	-219	-214
201	4	11	0.00	0.00		-51	-56	-178	-173	201	4	11	0.00	0.00		-56	-64	-186	-178
201	4	11	0.00	0.00		-64	-67	-189	-186	201	4	11	0.00	0.00		-82	68	1069	1068
201	4	11	0.00	0.00		-98	101	1102	-219	201	4	11	0.00	0.00		68	83	1084	1069
201	4	11	0.00	0.00		-41	35	1035	-163	201	4	11	0.00	0.00		35	-51	-173	1035
201	4	11	0.00	0.00		28	-41	-163	1028	201	4	11	0.00	0.00		15	-25	-147	1015
201	4	11	0.00	0.00		83	-93	-214	1084	201	4	11	0.00	0.00		-67	65	1065	-189
202	4	11	0.00	0.00		73	-81	-203	1074	202	4	11	0.00	0.00		29	27	1027	1029
202	4	11	0.00	0.00		54	-66	-188	1054	202	4	11	0.00	0.00		43	-52	-174	1043
202	4	11	0.00	0.00		17	1	1001	1017	202	4	11	0.00	0.00		-22	17	1017	-144
202	4	11	0.00	0.00		-66	-346	-344	-188	202	4	11	0.00	0.00		-26	-22	-144	-148
202	4	11	0.00	0.00		67	54	1054	1067	202	4	11	0.00	0.00		-48	-43	-165	-170
202	4	11	0.00	0.00		-43	29	1029	-165	202	4	11	0.00	0.00		-91	73	1074	-212
202	4	11	0.00	0.00		-52	-48	-170	-174	202	4	11	0.00	0.00		-81	67	1067	-203
202	4	11	0.00	0.00		90	-95	-216	1091	202	4	11	0.00	0.00		27	-26	-148	1027
202	4	11	0.00	0.00		-95	-91	-212	-216	203	4	11	0.00	0.00		79	-89	-210	1080
203	4	11	0.00	0.00		76	75	1076	1077	203	4	11	0.00	0.00		-87	77	1078	-208
203	4	11	0.00	0.00		-83	69	1070	-204	203	4	11	0.00	0.00		77	76	1077	1078
203	4	11	0.00	0.00		73	-84	-205	1074	203	4	11	0.00	0.00		70	-83	-204	1071
203	4	11	0.00	0.00		78	-87	-208	1079	203	4	11	0.00	0.00		-88	78	1079	-209
203	4	11	0.00	0.00		-89	-88	-209	-210	203	4	11	0.00	0.00		-84	72	1073	-205
203	4	11	0.00	0.00		-85	73	1074	-206	203	4	11	0.00	0.00		71	70	1071	1072
203	4	11	0.00	0.00		74	-86	-207	1075	203	4	11	0.00	0.00		72	71	1072	1073
203	4	11	0.00	0.00		75	74	1075	1076	203	4	11	0.00	0.00		-86	-85	-206	-207
203	4	11	0.00	0.00		69	-351	-349	1070	204	4	11	0.00	0.00		-109	-111	-232	-230
204	4	11	0.00	0.00		102	-352	-353	1103	204	4	11	0.00	0.00		-90	-94	-215	-211
204	4	11	0.00	0.00		-111	-114	-235	-232	204	4	11	0.00	0.00		-117	134	1135	-238
204	4	11	0.00	0.00		87	102	1103	1088	204	4	11	0.00	0.00		-114	-117	-238	-235
204	4	11	0.00	0.00		-94	87	1088	-215	204	4	11	0.00	0.00		113	-109	-230	1114
204	4	11	0.00	0.00		70	-90	-211	1071	205	4	11	0.00	0.00		78	82	1083	1079
205	4	11	0.00	0.00		85	-97	-218	1086	205	4	11	0.00	0.00		-97	99	1100	-218
205	4	11	0.00	0.00		82	85	1086	1083	206	4	11	0.00	0.00		98	97	1098	1099
206	4	11	0.00	0.00		91	90	1091	1092	206	4	11	0.00	0.00		90	89	1090	1091
206	4	11	0.00	0.00		99	98	1099	1100	206	4	11	0.00	0.00		88	87	1088	1089
206	4	11	0.00	0.00		94	93	1094	1095	206	4	11	0.00	0.00		93	92	1093	1094
206	4	11	0.00	0.00		95	94	1095	1096	206	4	11	0.00	0.00		92	91	1092	1093
206	4	11	0.00	0.00		97	96	1097	1098	206	4	11	0.00	0.00		96	95	1096	1097
206	4	11	0.00	0.00		89	88	1089	1090	207	4	11	0.00	0.00		5	6	1006	1005
207	4	11	0.00	0.00		-1	2	1002	-123	207	4	11	0.00	0.00		4	5	1005	1004
207	4	11	0.00	0.00		3	4	1004	1003	207	4	11	0.00	0.00		-2	8	1008	-124
207	4	11	0.00	0.00		7	-2	-124	1007	207	4	11	0.00	0.00		1	-1	-123	1001
207	4	11	0.00	0.00		2	3	1003	1002	207	4	11	0.00	0.00		6	7	1007	1006
208	4	11	0.00	0.00		-19	19	1019	-141	208	4	11	0.00	0.00		8	-19	-141	1008
209	4	11	0.00	0.00		21	22	1022	1021	209	4	11	0.00	0.00		20	21	1021	1020
209	4	11	0.00	0.00		19	20	1020	1019	210	4	11	0.00	0.00		22	-28	-150	1022
210	4	11	0.00	0.00		40	-55	-177	1040	210	4	11	0.00	0.00		-55	49	1049	-177
210	4	11	0.00	0.00		37	40	1040	1037	210	4	11	0.00	0.00		-28	-38	-160	-150



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

210	411	0.00	0.00		66 -80 -202 1066	210	411	0.00	0.00		-42 -46 -168 -164
210	411	0.00	0.00		-46 37 1037 -168	210	411	0.00	0.00		-80 79 1080 -202
210	411	0.00	0.00		-343 -65 -187 -341	210	411	0.00	0.00		-65 53 1053 -187
210	411	0.00	0.00		-38 -42 -164 -160	210	411	0.00	0.00		53 66 1066 1053
211	411	0.00	0.00		30 -31 -153 1030	211	411	0.00	0.00		-34 -35 -157 -156
211	411	0.00	0.00		-37 -38 -160 -159	211	411	0.00	0.00		-31 31 1031 -153
211	411	0.00	0.00		32 -37 -159 1032	211	411	0.00	0.00		-35 -36 -158 -157
211	411	0.00	0.00		29 30 1030 1029	211	411	0.00	0.00		-36 32 1032 -158
211	411	0.00	0.00		-32 -33 -155 -154	211	411	0.00	0.00		31 -32 -154 1031
211	411	0.00	0.00		-33 -34 -156 -155	212	411	0.00	0.00		37 -50 -172 1037
212	411	0.00	0.00		-50 36 1036 -172	213	411	0.00	0.00		-57 43 1043 -179
213	411	0.00	0.00		48 47 1047 1048	213	411	0.00	0.00		47 -61 -183 1047
213	411	0.00	0.00		-58 -57 -179 -180	213	411	0.00	0.00		45 44 1044 1045
213	411	0.00	0.00		44 -58 -180 1044	213	411	0.00	0.00		49 48 1048 1049
213	411	0.00	0.00		-60 46 1046 -182	213	411	0.00	0.00		-59 45 1045 -181
213	411	0.00	0.00		-61 -60 -182 -183	213	411	0.00	0.00		46 -59 -181 1046
268	111	0.00	0.00		1056 1055 2056 2057	268	111	0.00	0.00		-201 1056 2057 -288
268	111	0.00	0.00		1082 -201 -288 2083	269	111	0.00	0.00		1050 1042 2043 2051
270	111	0.00	0.00		-167 1033 2034 -265	270	111	0.00	0.00		1041 -171 -270 2042
270	111	0.00	0.00		-171 -167 -265 -270	271	111	0.00	0.00		1025 -146 -250 2026
271	111	0.00	0.00		-146 -142 -247 -250	271	111	0.00	0.00		-142 1009 2009 -247
272	111	0.00	0.00		1065 1064 2065 2066	273	111	0.00	0.00		-191 1062 2063 -284
273	111	0.00	0.00		1052 -191 -284 2053	274	111	0.00	0.00		1063 1062 2063 2064
274	111	0.00	0.00		1062 1061 2062 2063	275	111	0.00	0.00		-194 -193 -286 -287
275	111	0.00	0.00		-192 1058 2059 -285	275	111	0.00	0.00		1060 1059 2060 2061
275	111	0.00	0.00		-193 -192 -285 -286	275	111	0.00	0.00		1059 -194 -287 2060
276	111	0.00	0.00		-190 1059 2060 -283	276	111	0.00	0.00		1051 -190 -283 2052
277	111	0.00	0.00		1057 1056 2057 2058	278	111	0.00	0.00		-145 1024 2025 -249
278	111	0.00	0.00		1010 1011 2011 2010	278	111	0.00	0.00		1011 -145 -249 2011
279	111	0.00	0.00		-166 1038 2039 -264	279	111	0.00	0.00		-162 -166 -264 -260
279	111	0.00	0.00		1026 -162 -260 2027	280	111	0.00	0.00		1012 -143 2018 2012
280	111	0.00	0.00		-143 1023 2024 2018	281	511	0.00	0.00		1034 -169 -268 2035
281	511	0.00	0.00		-169 1039 2040 -268	282	111	0.00	0.00		1013 1018 2019 2013
283	111	0.00	0.00		1015 -137 -244 2015	283	111	0.00	0.00		-138 1016 2016 -245
283	111	0.00	0.00		1014 1015 2015 2014	283	111	0.00	0.00		-137 -138 -245 -244
284	111	0.00	0.00		-186 -189 -282 -279	284	111	0.00	0.00		1035 -173 -272 2036
284	111	0.00	0.00		-178 -186 -279 -274	284	111	0.00	0.00		-173 -178 -274 -272
284	111	0.00	0.00		-189 1065 2066 -282	285	111	0.00	0.00		1027 -148 -251 2028
285	111	0.00	0.00		-148 -144 -248 -251	285	111	0.00	0.00		1017 1001 2001 2017
285	111	0.00	0.00		-144 1017 2017 -248	286	111	0.00	0.00		-344 1043 2044 -345
286	111	0.00	0.00		1054 -188 -281 2055	286	111	0.00	0.00		-188 -344 -345 -281
286	111	0.00	0.00		-165 1029 2030 -263	286	111	0.00	0.00		-170 -165 -263 -269
286	111	0.00	0.00		1043 -174 -273 2044	286	111	0.00	0.00		-174 -170 -269 -273
287	511	0.00	0.00		1002 1003 2003 2002	288	511	0.00	0.00		1006 1007 2007 2006
289	511	0.00	0.00		1004 1005 2005 2004	290	111	0.00	0.00		-141 1019 2020 -246
290	111	0.00	0.00		1008 -141 -246 2008	291	111	0.00	0.00		1019 1020 2021 2020
292	111	0.00	0.00		1021 1022 2023 2022	293	111	0.00	0.00		-150 -160 -259 -252
293	111	0.00	0.00		-168 1037 2038 -267	293	111	0.00	0.00		-160 -164 -262 -259
293	111	0.00	0.00		-164 -168 -267 -262	293	111	0.00	0.00		1022 -150 -252 2023
293	111	0.00	0.00		1037 1040 2041 2038	294	111	0.00	0.00		-172 1036 2037 -271
294	111	0.00	0.00		1037 -172 -271 2038	295	111	0.00	0.00		1049 1048 2049 2050
296	111	0.00	0.00		-183 -182 -277 -278	296	111	0.00	0.00		1047 -183 -278 2048
296	111	0.00	0.00		-182 1046 2047 -277	297	511	0.00	0.00		1045 1044 2045 2046
298	211	0.00	0.00		1029 1030 2031 2030	299	211	0.00	0.00		-156 -157 -257 -256
299	211	0.00	0.00		-158 1032 2033 -258	299	211	0.00	0.00		-154 -155 -255 -254
299	211	0.00	0.00		-155 -156 -256 -255	299	211	0.00	0.00		-157 -158 -258 -257
299	211	0.00	0.00		1031 -154 -254 2032	300	111	0.00	0.00		-341 -187 -280 -342
300	111	0.00	0.00		-187 1053 2054 -280	300	111	0.00	0.00		1049 -341 -342 2050
301	111	0.00	0.00		1066 -202 -289 2067	301	111	0.00	0.00		-202 1080 2081 -289
302	111	0.00	0.00		-209 1079 2080 -292	302	111	0.00	0.00		-210 -209 -292 -293
302	111	0.00	0.00		1080 -210 -293 2081	303	111	0.00	0.00		1078 1077 2078 2079
304	111	0.00	0.00		1076 1075 2076 2077	305	111	0.00	0.00		-203 1067 2068 -290
305	111	0.00	0.00		1074 -203 -290 2075	305	311	0.00	0.00		-212 1074 2075 -295
305	311	0.00	0.00		1091 -216 -298 2092	305	311	0.00	0.00		-216 -212 -295 -298
306	111	0.00	0.00		1074 -205 -291 2075	306	111	0.00	0.00		-205 1073 2074 -291
307	311	0.00	0.00		1071 -211 -294 2072	307	311	0.00	0.00		-215 1088 2089 -297
307	311	0.00	0.00		-211 -215 -297 -294	308	111	0.00	0.00		1070 -349 -350 2071
308	111	0.00	0.00		-349 1069 2070 -350	309	111	0.00	0.00		1068 1069 2070 2069
309	311	0.00	0.00		1069 1084 2085 2070	310	311	0.00	0.00		1102 1113 2114 2103
311	311	0.00	0.00		-226 -227 -307 -306	311	311	0.00	0.00		-225 -226 -306 -305



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

311	311	0.00	0.00		-227	-228	-308	-307	311	311	0.00	0.00		1112	-225	-305	2113
311	311	0.00	0.00		-228	1113	2114	-308	312	311	0.00	0.00		1110	1111	2112	2111
313	311	0.00	0.00		1108	1109	2110	2109	314	311	0.00	0.00		-353	1114	2115	-354
314	311	0.00	0.00		1114	-230	-309	2115	314	311	0.00	0.00		-235	-238	-314	-312
314	311	0.00	0.00		-232	-235	-312	-310	314	311	0.00	0.00		-238	1135	2136	-314
314	311	0.00	0.00		1103	-353	-354	2104	314	311	0.00	0.00		-230	-232	-310	-309
315	311	0.00	0.00		1135	-243	-317	2136	315	311	0.00	0.00		-243	1134	2135	-317
316	311	0.00	0.00		1133	1132	2133	2134	317	311	0.00	0.00		1131	1130	2131	2132
318	311	0.00	0.00		1129	-242	-316	2130	318	311	0.00	0.00		-242	1128	2129	-316
319	311	0.00	0.00		1127	1126	2127	2128	320	311	0.00	0.00		1125	1124	2125	2126
321	311	0.00	0.00		1123	1122	2123	2124	322	311	0.00	0.00		1121	1120	2121	2122
323	311	0.00	0.00		1119	1118	2119	2120	324	311	0.00	0.00		-234	1117	2118	-311
324	311	0.00	0.00		-240	-237	-313	-315	324	311	0.00	0.00		1118	-240	-315	2119
324	311	0.00	0.00		-237	-234	-311	-313	325	111	0.00	0.00		-213	-217	-299	-296
325	311	0.00	0.00		1107	1116	2117	2108	325	111	0.00	0.00		-220	1107	2108	-301
325	111	0.00	0.00		1081	-213	-296	2082	325	111	0.00	0.00		-217	-220	-301	-299
326	111	0.00	0.00		1104	1101	2102	2105	326	311	0.00	0.00		1115	1104	2105	2116
327	111	0.00	0.00		1087	1085	2086	2088	328	111	0.00	0.00		1107	1106	2107	2108
329	111	0.00	0.00		1105	-223	-304	2106	329	111	0.00	0.00		-223	-222	-303	-304
329	111	0.00	0.00		-221	1104	2105	-302	329	111	0.00	0.00		-222	-221	-302	-303
330	311	0.00	0.00		1079	1083	2084	2080	331	311	0.00	0.00		-218	1100	2101	-300
331	311	0.00	0.00		1086	-218	-300	2087	332	311	0.00	0.00		1100	1099	2100	2101
333	311	0.00	0.00		1098	1097	2098	2099	334	311	0.00	0.00		1096	1095	2096	2097
335	311	0.00	0.00		1094	1093	2094	2095	336	311	0.00	0.00		1091	1090	2091	2092
336	311	0.00	0.00		1092	1091	2092	2093	337	311	0.00	0.00		1089	1088	2089	2090
338	111	0.00	0.00		1072	1071	2072	2073	339	111	0.00	0.00		2028	-251	-320	3018
339	111	0.00	0.00		-251	-248	-319	-320	339	111	0.00	0.00		-263	2030	3019	-331
339	111	0.00	0.00		2030	2028	3018	3019	339	111	0.00	0.00		-269	-263	-331	-334
339	111	0.00	0.00		2017	2001	3004	3012	339	111	0.00	0.00		-248	2017	3012	-319
339	111	0.00	0.00		2044	-273	-336	3027	339	111	0.00	0.00		-273	-269	-334	-336
340	111	0.00	0.00		2003	2004	3007	3006	340	111	0.00	0.00		2002	2003	3006	3005
341	111	0.00	0.00		2005	2006	3009	3008	341	111	0.00	0.00		2006	2007	3010	3009
342	111	0.00	0.00		2008	-246	-318	3011	342	111	0.00	0.00		-246	2020	3013	-318
343	111	0.00	0.00		2020	2021	3014	3013	344	111	0.00	0.00		2022	2023	3016	3015
345	111	0.00	0.00		-262	-267	-333	-330	345	111	0.00	0.00		2023	-252	-321	3016
345	111	0.00	0.00		-252	-259	-328	-321	345	111	0.00	0.00		-267	2038	3024	-333
345	111	0.00	0.00		-259	-262	-330	-328	345	111	0.00	0.00		2038	2041	3025	3024
346	111	0.00	0.00		2038	-271	-335	3024	346	111	0.00	0.00		-271	2037	3023	-335
347	111	0.00	0.00		2049	2048	3031	3032	347	111	0.00	0.00		2050	2049	3032	3033
347	111	0.00	0.00		2048	-278	-340	3031	348	111	0.00	0.00		-277	2047	3030	-339
349	111	0.00	0.00		2045	-276	-338	3028	349	111	0.00	0.00		2046	2045	3028	3029
350	211	0.00	0.00		2031	-253	-322	3020	350	211	0.00	0.00		2030	2031	3020	3019
351	211	0.00	0.00		2032	-254	-323	3021	352	211	0.00	0.00		-258	2033	3022	-327
353	211	0.00	0.00		-256	-257	-326	-325	353	211	0.00	0.00		-255	-256	-325	-324
370	111	0.00	0.00		2037	-266	-332	3023	370	111	0.00	0.00		-266	-261	-329	-332
370	111	0.00	0.00		-261	2033	3022	-329	371	111	0.00	0.00		-275	2044	3027	-337

Elenco tipi solai

Simbologia

Comm.	= Commento
Lf1	= Larghezza fascia laterale
QA	= Primo carico accidentale
QA2	= Secondo carico accidentale
QA3	= Terzo carico accidentale
Qpn	= Carico permanente non strutturale
Qps	= Carico permanente strutturale
Rc	= Ripartizione carichi
	UN = Unidirezionale
Rip. int.	= Ripartizione su aste interne
Rip. ter.	= Ripartizione su aste terminali
Ts	= Numero del tipo solaio
s	= Coeff. di riduzione

Ts	Comm.	Rc	Qps <daN/mq>	Qpn <daN/mq>	QA <daN/mq>	QA2 <daN/mq>	QA3 <daN/mq>	Rip. ter.	Rip. int.	Lf1 <m>	s
1	PRIMO SOLAIO	UN	300.00	180.00	300.00	0.00	0.00	50.00	50.00	0.00	0.33
2	SECONDO SOLAIO RESIDENZA	UN	250.00	180.00	200.00	0.00	0.00	50.00	50.00	0.00	0.33
3	SECONDO SOLAIO COPERTURA	UN	250.00	155.00	0.00	120.00	0.00	50.00	50.00	0.00	0.33
4	TERZO SOLAIO COPERTURA	UN	250.00	155.00	0.00	120.00	0.00	50.00	50.00	0.00	0.33



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Elenco solai

Simbologia

Nodi = Nodi del solaio

Ord. = Orditura

Sol. = Numero del solaio

Ts = Numero del tipo solaio

Sol	T	Ord.	Nodi																	
.	s	<grad	>																	
100	1	0.00	-201 1059	1082 -194	1085 -193	1087 -192	1101 1058	1104 1057	-221 1056	-222	-223	1105	1106	1107	-220	-217	-213	1081	-200	
101	1	0.00	1115 1107	1117 1106	-234 1105	-237 -223	-240 -222	1118 -221	1119 1104	-241	1120	1121	1122	1123	-239	-236	-233	-231	1116	
102	1	90.00	1107 -235 -239	-224 -238 -236	1108 1135 -233	1109 -243 -231	1110 1134 1116	1111 1133	1112 1132	-225 1131	-226 1130	-227 1129	-228 -242	1113 1128	-348 1127	-229 1126	1114 1125	-230 1124	-232 1123	
103	1	0.00	1084 1069	-214	-219	1102	1113	-348	-229	1114	-353	1103	1088	-215	-211	1071	-204	1070	-349	
104	1	90.00	-211	-215	1088	1089	1090	1091	-216	-212	1074	-205	1073	1072	1071					
105	1	90.00	-212 1078	-216 1077	1091 1076	1092 1075	1093 -207	1094 -206	1095 1074	1096	1097	1098	1099	1100	-218	1086	1083	1079	-208	
106	1	90.00	-188 1066	1054 1053	1067 -187	-203 -341	1074 1049	-206 1048	-207 1047	1075 -183	1076 -182	1077 1046	1078 -181	-208 1045	1079 1044	-209 -180	-210 -179	1080 1043	-202 -344	
107	1	90.00	1029 1049	1030 1048	-153 1047	1031 -183	-154 -182	-155 1046	-156 -181	-157 1045	-158 1044	1032 -180	-159 -179	-160 1043	-164 -174	-168 -170	1037 1040	1040 -177	-177	
108	1	90.00	1001 -159	-123 1032	1002 -158	1003 -157	1004 -156	1005 -155	1006 -154	1007 1031	-124 -153	1008 1030	-141 1029	1019 1027	1020 -148	1021 -144	1022 1017	-150	-160	
109	1	0.00	1015 1054 -173	-137 1067 1035	-138 -203 -163	1016 1074 1028	-139 -205 -149	-140 1073 -147	1017 1072	-144 1071	-148 -204	1027 1070	1029 -349	-165 1069	-170 1068	-174 1065	1043 1065	-344 -189	-188 -178	
110	1	0.00	1012 1065	-133 1064	-134 -199	1013 -198	-135 1063	-136 1062	1014 -191	1015 1052	-147 -185	-149 -176	1028 1039	-163 -169	1035 1034	-173 -161	-178 -151	-186 1023	-189 -143	
111	1	0.00	1011 1062	-129 1061	-130 -197	-131 -196	-132 -195	1012 1060	-143 1059	1023 -190	-151 1051	-161 -184	1034 -175	1039 1038	-176 -166	1039 -162	-176 1026	1052 1024	-191 -145	
112	1	0.00	1009 1059 -142	-125 -194	-126 -193	-127 -192	-128 1058	1010 1057	1011 1056	-145 1055	1024 1050	1026 1042	-162 1041	-166 -171	1038 1033	-175 -152	-184 1025	1051 -146	-190	
200	2	90.00	-281 -342	2055 2050	2068 2049	-290 2048	2075 -278	2076 -277	2077 2047	2078 2046	2079 2045	-292 -276	-293 -275	2081 2044	-289 -345	2067	2054	-280		
201	2	90.00	2030 2049	2031 2048	-253 -278	2032 -277	-254 2047	-255 2046	-256 2045	-257 -276	-258 -275	2033 2044	-261 -273	-266 -269	2037 -263	-271	2038	2041	2050	
202	2	90.00	2001 -253	2002 2031	2003 2030	2004 2028	2005 -251	2006 -248	2007 2017	2008	-246	2020	2033	-258	-257	-256	-255	-254	2032	
203	3	90.00	2116 2130 -305	2118 2131 2113	-311 2132 2112	-313 2133 2111	-315 2134 2110	2119 2135 2109	2120 -317 2108	2121 2136 2107	2122 -314 2106	2123 -312 -304	2124 -310 -303	2125 -309 -302	2126 2115 2105	2127 2114	2128 -308	2129 -307	-316 -306	
204	3	0.00	-288 -287	2083 -286	2086 -285	2088 2059	2102 2058	2105 2057	-302	-303	-304	2106	2107	2108	-301	-299	-296	2082	2060	
205	3	0.00	2009 2057	2010 2056	2011 2051	-249 2043	2025 2042	2027 -270	-260 -265	-264 2034	2039 2026	2052 -250	-283 -247	2060	-287	-286	-285	2059	2058	
206	3	0.00	2011 -260	2012 2027	2018 2025	2024 -249	2035	-268	2040	2053	-284	2063	2062	2061	2060	-283	2052	2039	-264	
207	3	0.00	2012 -268	2013 2035	2014 2024	2015 2018	2029	2036	-272	-274	-279	-282	2066	2065	2064	2063	-284	2053	2040	
208	3	0.00	2015 -290	-244 2075	-245 -291	2016 2074	2017 2073	-248 2072	-251 2071	2028 -350	2030 2070	-263 2069	-269 2066	-273 -282	2044 -279	-345 -274	-281 -272	2055 2036	2068 2029	
209	3	0.00	-295 2078	-298 2077	2092 2076	2093 2075	2094	2095	2096	2097	2098	2099	2100	2101	-300	2087	2084	2080	2079	
210	3	0.00	-294	-297	2089	2090	2091	2092	-298	-295	2075	-291	2074	2073	2072					
211	3	0.00	2085	2103	2114	2115	-354	2104	2089	-297	-294	2072	2071	-350	2070					
300	4	90.00	3004 -322	3005 3020	3006 3019	3007 3018	3008 -320	3009 -319	3010 3012	3011	-318	3013	3022	-327	-326	-325	-324	-323	3021	
301	4	90.00	3001	3002	3011	3010	3009	3008	3007	3006	3005	3004								
302	4	0.00	3003	3004	3012	-319	-320	3018	3019	-331	-334	-336	3027	3026						
303	4	90.00	3035	3036	3033	3032	3031	-340	-339	3030	3029	3028	-338	-337	3027					
304	4	90.00	3019 3032	3020 3031	-322 -340	3021 -339	-323 3030	-324 3029	-325 3028	-326 -338	-327 -337	3022 3027	-329 -336	-332 -334	3023 -331	-335	3024	3025	3033	
305	4	0.00	3013	3014	3015	3016	-321	-328	-330	-333	3024	-335	3023	-332	-329	3022				
306	4	0.00	3016	3017	3034	3033	3025	3024	-333	-330	-328	-321								



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Carichi

Elenco tipi CCE

Simbologia

γ_{max} = Coeff. γ_{max}
 $\gamma_{min.}$ = Coeff. $\gamma_{min.}$
 Ψ_0 = Coeff. Ψ_0
 $\Psi_{0,s}$ = Coeff. Ψ_0 sismico (D.M. 96)
 Ψ_1 = Coeff. Ψ_1
 Ψ_2 = Coeff. Ψ_2
Comm. = Commento
Durata = Durata del carico
P = Permanente
L = Lunga
M = Media
Tipo = Tipologia
G = Permanente
Qv = Variabile vento
Q = Variabile
Tipo CCE = Tipo condizione di carico elementare

Tipo CCE	Comm.	Tipo	Durata	$\gamma_{min.}$	γ_{max}	Ψ_0	Ψ_1	Ψ_2	$\Psi_{0,s}$
1	D.M. 18 Permanenti strutturali	G	P	1.00	1.30				
2	D.M. 18 Permanenti non strutturali	G	L	0.80	1.50				
5	D.M. 18 Variabili Categoria C - Ambienti suscettibili di affollamento	Q	M	0.00	1.50	0.70	0.70	0.60	0.00
12	D.M. 18 Variabili Neve (a quota ≤ 1000 m s.l.m.)	Q	M	0.00	1.50	0.50	0.20	0.00	0.00

Condizioni di carico elementari

Simbologia

CCE = Numero della condizione di carico elementare
Comm. = Commento
Dir. = Direzione del vento
Jpx = Moltiplicatore del momento d'inerzia intorno all'asse X
Jpy = Moltiplicatore del momento d'inerzia intorno all'asse Y
Jpz = Moltiplicatore del momento d'inerzia intorno all'asse Z
Mx = Moltiplicatore della massa in dir. X
My = Moltiplicatore della massa in dir. Y
Mz = Moltiplicatore della massa in dir. Z
Sic. = Contributo alla sicurezza
S = a sfavore
Tipo = Tipologia di pressione vento
M = Massimizzata
E = Esterna
I = Interna
Tipo CCE = Tipo di CCE per calcolo agli stati limite
Var. = Tipo di variabilità
B = di base
A = ambigua
s = Coeff. di riduzione (T.A. o S.L. D.M. 96)

CCE	Comm.	Tipo CCE	Sic.	Var.	s	Dir. <grad>	Tipo	Mx	My	Mz	Jpx	Jpy	Jpz
1	Permanenti Strutturali	1	S	--	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00
2	Permanenti Non Strutturali	2	S	--	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00
3	Variabili	5	S	A	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00
4	Variabili Neve	12	S	A	1.00	--	--	1.00	1.00	0.00	0.00	0.00	1.00

Elenco carichi aste

Condizione di carico n. 1: Permanenti Strutturali

Carichi distribuiti

Simbologia

Asta = Numero dell'asta
DC = Direzione del carico
XG,YG,ZG = secondo gli assi globali
XL,YL,ZL = secondo gli assi locali



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

E =Elemento provenienza del carico
S = Solaio
T = Tamponatura
N1 =Nodo iniziale
N2 =Nodo finale
NE =Numero elemento di provenienza del carico
Qf =Carico finale
Qi =Carico iniziale
T =Tipo di carico
QA = Primo carico accidentale
QA2 = Secondo carico accidentale
QA3 = Terzo carico accidentale
QPS = Carico permanente strutturale
QPN = Carico permanente non strutturale
VE = Vento
M = Manuale
Xf =Distanza finale
Xi =Distanza iniziale

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	-142	1009	S	112	QPS	ZG	0.00	1065.00	1.07	1065.00
0	1025	-146	S	112	QPS	ZG	0.00	1065.00	1.07	1065.00
0	-247	2009	S	205	QPS	ZG	0.00	887.50	1.07	887.50
0	-250	-247	S	205	QPS	ZG	0.00	887.50	1.07	887.50
0	2034	2026	S	205	QPS	ZG	0.00	887.50	2.60	887.50
0	-167	1033	S	112	QPS	ZG	0.00	1065.00	1.03	1065.00
0	-270	-265	S	205	QPS	ZG	0.00	887.50	1.03	887.50
0	1041	-171	S	112	QPS	ZG	0.00	1065.00	1.03	1065.00
0	2042	-270	S	205	QPS	ZG	0.00	887.50	1.03	887.50
0	1011	-145	S	112	QPS	ZG	0.00	1065.00	1.15	1065.00
0	-145	1024	S	112	QPS	ZG	0.00	1065.00	1.15	1065.00
0	1024	1026	S	112	QPS	ZG	0.00	1065.00	0.85	1065.00
0	-249	2025	S	205	QPS	ZG	0.00	887.50	1.15	887.50
0	1050	1042	S	112	QPS	ZG	0.00	1065.00	0.95	1065.00
0	1026	-162	S	112	QPS	ZG	0.00	1065.00	1.40	1065.00
0	2011	-249	S	206	QPS	ZG	0.00	850.00	1.15	850.00
0	1056	1055	S	112	QPS	ZG	0.00	1065.00	0.75	1065.00
0	2056	2051	S	205	QPS	ZG	0.00	887.50	1.45	887.50
0	-162	-166	S	112	QPS	ZG	0.00	1065.00	1.40	1065.00
0	2025	2027	S	205	QPS	ZG	0.00	887.50	0.85	887.50
0	2027	-260	S	205	QPS	ZG	0.00	887.50	1.40	887.50
0	-260	-264	S	205	QPS	ZG	0.00	887.50	1.40	887.50
0	-201	1056	S	100	QPS	ZG	0.00	1065.00	1.18	1065.00
0	-264	2039	S	206	QPS	ZG	0.00	850.00	1.40	850.00
0	2083	-288	S	204	QPS	ZG	0.00	887.50	1.18	887.50
0	-166	1038	S	111	QPS	ZG	0.00	1020.00	1.40	1020.00
0	1012	-143	S	110	QPS	ZG	0.00	1020.00	1.05	1020.00
0	1038	-175	S	111	QPS	ZG	0.00	1020.00	1.22	1020.00
0	-143	1023	S	110	QPS	ZG	0.00	1020.00	1.15	1020.00
0	1085	1082	S	100	QPS	ZG	0.00	1065.00	1.50	1065.00
0	2039	2052	S	205	QPS	ZG	0.00	887.50	3.65	887.50
0	1023	-151	S	110	QPS	ZG	0.00	1020.00	1.17	1020.00
0	-175	-184	S	111	QPS	ZG	0.00	1020.00	1.22	1020.00
0	2088	2086	S	204	QPS	ZG	0.00	887.50	0.90	887.50
0	2012	2018	S	207	QPS	ZG	0.00	850.00	1.05	850.00
0	2018	2024	S	207	QPS	ZG	0.00	850.00	1.15	850.00
0	-184	1051	S	111	QPS	ZG	0.00	1020.00	1.22	1020.00
0	-151	-161	S	110	QPS	ZG	0.00	1020.00	1.17	1020.00
0	1087	1085	S	100	QPS	ZG	0.00	1065.00	0.90	1065.00
0	2102	2088	S	204	QPS	ZG	0.00	887.50	1.50	887.50
0	-161	1034	S	111	QPS	ZG	0.00	1020.00	1.17	1020.00
0	1051	-190	S	112	QPS	ZG	0.00	1065.00	0.82	1065.00
0	-190	1059	S	112	QPS	ZG	0.00	1065.00	0.82	1065.00
0	-283	2060	S	206	QPS	ZG	0.00	850.00	0.82	850.00
0	1034	-169	S	110	QPS	ZG	0.00	1020.00	0.82	1020.00
0	1115	1104	S	101	QPS	ZG	0.00	1065.00	0.25	1065.00
0	1059	-200	S	100	QPS	ZG	0.00	1065.00	1.15	1065.00
0	2052	-283	S	206	QPS	ZG	0.00	850.00	0.82	850.00
0	2024	2035	S	207	QPS	ZG	0.00	850.00	3.50	850.00
0	-169	1039	S	111	QPS	ZG	0.00	1020.00	0.82	1020.00

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	-146	-142	S	112	QPS	ZG	0.00	1065.00	1.07	1065.00
0	-152	1025	S	112	QPS	ZG	0.00	1065.00	1.30	1065.00
0	1033	-152	S	112	QPS	ZG	0.00	1065.00	1.30	1065.00
0	2026	-250	S	205	QPS	ZG	0.00	887.50	1.07	887.50
0	-265	2034	S	205	QPS	ZG	0.00	887.50	1.03	887.50
0	-171	-167	S	112	QPS	ZG	0.00	1065.00	1.03	1065.00
0	1010	1011	S	112	QPS	ZG	0.00	1065.00	0.85	1065.00
0	1042	1041	S	112	QPS	ZG	0.00	1065.00	1.45	1065.00
0	1011	-145	S	111	QPS	ZG	0.00	1020.00	1.15	1020.00
0	-145	1024	S	111	QPS	ZG	0.00	1020.00	1.15	1020.00
0	1024	1026	S	111	QPS	ZG	0.00	1020.00	0.85	1020.00
0	2010	2011	S	205	QPS	ZG	0.00	887.50	0.85	887.50
0	-249	2025	S	206	QPS	ZG	0.00	850.00	1.15	850.00
0	1026	-162	S	111	QPS	ZG	0.00	1020.00	1.40	1020.00
0	2011	-249	S	205	QPS	ZG	0.00	887.50	1.15	887.50
0	1055	1050	S	112	QPS	ZG	0.00	1065.00	1.45	1065.00
0	2051	2043	S	205	QPS	ZG	0.00	887.50	0.95	887.50
0	-162	-166	S	111	QPS	ZG	0.00	1020.00	1.40	1020.00
0	2057	2056	S	205	QPS	ZG	0.00	887.50	0.75	887.50
0	2025	2027	S	206	QPS	ZG	0.00	850.00	0.85	850.00
0	2027	-260	S	206	QPS	ZG	0.00	850.00	1.40	850.00
0	-260	-264	S	206	QPS	ZG	0.00	850.00	1.40	850.00
0	-264	2039	S	205	QPS	ZG	0.00	887.50	1.40	887.50
0	1082	-201	S	100	QPS	ZG	0.00	1065.00	1.18	1065.00
0	2043	2042	S	205	QPS	ZG	0.00	887.50	1.45	887.50
0	-166	1038	S	112	QPS	ZG	0.00	1065.00	1.40	1065.00
0	1012	-143	S	111	QPS	ZG	0.00	1020.00	1.05	1020.00
0	1038	-175	S	112	QPS	ZG	0.00	1065.00	1.22	1065.00
0	-143	1023	S	111	QPS	ZG	0.00	1020.00	1.15	1020.00
0	2086	2083	S	204	QPS	ZG	0.00	887.50	1.50	887.50
0	2039	2052	S	206	QPS	ZG	0.00	850.00	3.65	850.00
0	1023	-151	S	111	QPS	ZG	0.00	1020.00	1.17	1020.00
0	-175	-184	S	112	QPS	ZG	0.00	1065.00	1.22	1065.00
0	2012	2018	S	206	QPS	ZG	0.00	850.00	1.05	850.00
0	2018	2024	S	206	QPS	ZG	0.00	850.00	1.15	850.00
0	-288	2057	S	204	QPS	ZG	0.00	887.50	1.18	887.50
0	-184	1051	S	112	QPS	ZG	0.00	1065.00	1.22	1065.00
0	-151	-161	S	111	QPS	ZG	0.00	1020.00	1.17	1020.00
0	1101	1087	S	100	QPS	ZG	0.00	1065.00	1.50	1065.00
0	-161	1034	S	110	QPS	ZG	0.00	1020.00	1.17	1020.00
0	1051	-190	S	111	QPS	ZG	0.00	1020.00	0.82	1020.00
0	-190	1059	S	111	QPS	ZG	0.00	1020.00	0.82	1020.00
0	-283	2060	S	205	QPS	ZG	0.00	887.50	0.82	887.50
0	1104	1101	S	100	QPS	ZG	0.00	1065.00	1.10	1065.00
0	1034	-169	S	111	QPS	ZG	0.00	1020.00	0.82	1020.00
0	2105	2102	S	204	QPS	ZG	0.00	887.50	1.10	887.50
0	2052	-283	S	205	QPS	ZG	0.00	887.50	0.82	887.50
0	2024	2035	S	206	QPS	ZG	0.00	850.00	3.50	850.00
0	-169	1039	S	110	QPS	ZG	0.00	1020.00	0.82	1020.00
0	2035	-268	S	206	QPS	ZG	0.00	850.00	0.82	850.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	2035	-268	S	207	QPS	ZG	0.00	850.00	0.82	850.00	0	-268	2040	S	206	QPS	ZG	0.00	850.00	0.82	850.00
0	-268	2040	S	207	QPS	ZG	0.00	850.00	0.82	850.00	0	1117	1115	S	101	QPS	ZG	0.00	1065.00	1.45	1065.00
0	1039	-176	S	110	QPS	ZG	0.00	1020.00	1.22	1020.00	0	1039	-176	S	111	QPS	ZG	0.00	1020.00	1.22	1020.00
0	-302	2105	S	203	QPS	ZG	0.00	837.50	1.27	837.50	0	1015	-147	S	109	QPS	ZG	0.00	967.50	1.38	967.50
0	1015	-147	S	110	QPS	ZG	0.00	1020.00	1.38	1020.00	0	-200	1081	S	100	QPS	ZG	0.00	1065.00	1.15	1065.00
0	2060	2082	S	204	QPS	ZG	0.00	887.50	2.30	887.50	0	-234	1117	S	101	QPS	ZG	0.00	1065.00	1.25	1065.00
0	1081	-213	S	100	QPS	ZG	0.00	1065.00	1.26	1065.00	0	2082	-296	S	204	QPS	ZG	0.00	887.50	1.26	887.50
0	2015	2029	S	207	QPS	ZG	0.00	850.00	4.15	850.00	0	2015	2029	S	208	QPS	ZG	0.00	806.25	4.15	806.25
0	-303	-302	S	203	QPS	ZG	0.00	837.50	1.27	837.50	0	-147	-149	S	109	QPS	ZG	0.00	967.50	1.38	967.50
0	-147	-149	S	110	QPS	ZG	0.00	1020.00	1.38	1020.00	0	-176	-185	S	110	QPS	ZG	0.00	1020.00	1.22	1020.00
0	-176	-185	S	111	QPS	ZG	0.00	1020.00	1.22	1020.00	0	-237	-234	S	101	QPS	ZG	0.00	1065.00	1.25	1065.00
0	-304	-303	S	203	QPS	ZG	0.00	837.50	1.27	837.50	0	-185	1052	S	110	QPS	ZG	0.00	1020.00	1.22	1020.00
0	-185	1052	S	111	QPS	ZG	0.00	1020.00	1.22	1020.00	0	2106	-304	S	203	QPS	ZG	0.00	837.50	1.27	837.50
0	-149	1028	S	109	QPS	ZG	0.00	967.50	1.38	967.50	0	-149	1028	S	110	QPS	ZG	0.00	1020.00	1.38	1020.00
0	1028	-163	S	109	QPS	ZG	0.00	967.50	0.90	967.50	0	1028	-163	S	110	QPS	ZG	0.00	1020.00	0.90	1020.00
0	2040	2053	S	206	QPS	ZG	0.00	850.00	3.65	850.00	0	2040	2053	S	207	QPS	ZG	0.00	850.00	3.65	850.00
0	-213	-217	S	100	QPS	ZG	0.00	1065.00	1.26	1065.00	0	-217	-220	S	100	QPS	ZG	0.00	1065.00	1.26	1065.00
0	-296	-299	S	204	QPS	ZG	0.00	887.50	1.26	887.50	0	-240	-237	S	101	QPS	ZG	0.00	1065.00	1.25	1065.00
0	-163	1035	S	109	QPS	ZG	0.00	967.50	0.90	967.50	0	-163	1035	S	110	QPS	ZG	0.00	1020.00	0.90	1020.00
0	1052	-191	S	110	QPS	ZG	0.00	1020.00	0.82	1020.00	0	1052	-191	S	111	QPS	ZG	0.00	1020.00	0.82	1020.00
0	-191	1062	S	110	QPS	ZG	0.00	1020.00	0.82	1020.00	0	-191	1062	S	111	QPS	ZG	0.00	1020.00	0.82	1020.00
0	2053	-284	S	206	QPS	ZG	0.00	850.00	0.82	850.00	0	2053	-284	S	207	QPS	ZG	0.00	850.00	0.82	850.00
0	-284	2063	S	206	QPS	ZG	0.00	850.00	0.82	850.00	0	-284	2063	S	207	QPS	ZG	0.00	850.00	0.82	850.00
0	1001	-123	S	108	QPS	ZG	0.00	825.00	0.90	825.00	0	1107	1116	S	101	QPS	ZG	0.00	1065.00	0.30	1065.00
0	-224	1108	S	102	QPS	ZG	0.00	1005.00	0.78	1005.00	0	1118	-240	S	101	QPS	ZG	0.00	1065.00	1.25	1065.00
0	-123	1002	S	108	QPS	ZG	0.00	825.00	0.90	825.00	0	2107	2106	S	203	QPS	ZG	0.00	837.50	1.00	837.50
0	1107	-224	S	102	QPS	ZG	0.00	1005.00	0.78	1005.00	0	-299	-301	S	204	QPS	ZG	0.00	887.50	1.26	887.50
0	2108	2109	S	203	QPS	ZG	0.00	837.50	1.55	837.50	0	1002	1003	S	108	QPS	ZG	0.00	825.00	1.15	825.00
0	1035	-173	S	109	QPS	ZG	0.00	967.50	1.34	967.50	0	1035	-173	S	110	QPS	ZG	0.00	1020.00	1.34	1020.00
0	1108	1109	S	102	QPS	ZG	0.00	1005.00	0.90	1005.00	0	-301	2108	S	204	QPS	ZG	0.00	887.50	1.26	887.50
0	-144	1017	S	109	QPS	ZG	0.00	967.50	1.08	967.50	0	1027	-148	S	109	QPS	ZG	0.00	967.50	1.08	967.50
0	-248	2017	S	208	QPS	ZG	0.00	806.25	1.08	806.25	0	2002	2003	S	202	QPS	ZG	0.00	687.50	1.15	687.50
0	-272	-274	S	207	QPS	ZG	0.00	850.00	1.34	850.00	0	-272	-274	S	208	QPS	ZG	0.00	806.25	1.34	806.25
0	2121	2120	S	203	QPS	ZG	0.00	837.50	3.00	837.50	0	-148	-144	S	109	QPS	ZG	0.00	967.50	1.08	967.50
0	-220	1107	S	100	QPS	ZG	0.00	1065.00	1.26	1065.00	0	2001	2002	S	202	QPS	ZG	0.00	687.50	1.80	687.50
0	2120	2119	S	203	QPS	ZG	0.00	837.50	1.00	837.50	0	2036	-272	S	207	QPS	ZG	0.00	850.00	1.34	850.00
0	2036	-272	S	208	QPS	ZG	0.00	806.25	1.34	806.25	0	1116	-231	S	101	QPS	ZG	0.00	1065.00	1.28	1065.00
0	-231	-233	S	101	QPS	ZG	0.00	1065.00	1.28	1065.00	0	-233	-236	S	101	QPS	ZG	0.00	1065.00	1.28	1065.00
0	2108	2107	S	203	QPS	ZG	0.00	837.50	1.00	837.50	0	2109	2110	S	203	QPS	ZG	0.00	837.50	0.90	837.50
0	1004	1005	S	108	QPS	ZG	0.00	825.00	1.20	825.00	0	2004	2005	S	202	QPS	ZG	0.00	687.50	1.20	687.50
0	1029	1027	S	109	QPS	ZG	0.00	967.50	0.90	967.50	0	3005	3006	S	300	QPS	ZG	0.00	687.50	1.15	687.50
0	3005	3006	S	301	QPS	ZG	0.00	375.00	1.15	375.00	0	-173	-178	S	109	QPS	ZG	0.00	967.50	1.34	967.50
0	-173	-178	S	110	QPS	ZG	0.00	1020.00	1.34	1020.00	0	2029	2036	S	207	QPS	ZG	0.00	850.00	1.80	850.00
0	2029	2036	S	208	QPS	ZG	0.00	806.25	1.80	806.25	0	1003	1004	S	108	QPS	ZG	0.00	825.00	1.45	825.00
0	-178	-186	S	109	QPS	ZG	0.00	967.50	1.34	967.50	0	-178	-186	S	110	QPS	ZG	0.00	1020.00	1.34	1020.00
0	-274	-279	S	207	QPS	ZG	0.00	850.00	1.34	850.00	0	-274	-279	S	208	QPS	ZG	0.00	806.25	1.34	806.25
0	1110	1111	S	102	QPS	ZG	0.00	1005.00	0.95	1005.00	0	2111	2112	S	203	QPS	ZG	0.00	837.50	0.95	837.50
0	1005	1006	S	108	QPS	ZG	0.00	825.00	1.45	825.00	0	2003	2004	S	202	QPS	ZG	0.00	687.50	1.45	687.50
0	1109	1110	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	1029	1030	S	107	QPS	ZG	0.00	825.00	1.15	825.00
0	1029	1030	S	108	QPS	ZG	0.00	825.00	1.15	825.00	0	3004	3005	S	300	QPS	ZG	0.00	687.50	1.80	687.50
0	3004	3005	S	301	QPS	ZG	0.00	375.00	1.80	375.00	0	-236	-239	S	101	QPS	ZG	0.00	1065.00	1.28	1065.00
0	1111	1112	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	3006	3007	S	300	QPS	ZG	0.00	687.50	1.45	687.50
0	3006	3007	S	301	QPS	ZG	0.00	375.00	1.45	375.00	0	2028	-251	S	208	QPS	ZG	0.00	806.25	1.08	806.25
0	2123	2122	S	203	QPS	ZG	0.00	837.50	1.45	837.50	0	-251	-248	S	208	QPS	ZG	0.00	806.25	1.08	806.25
0	3012	3004	S	302	QPS	ZG	0.00	375.00	1.35	375.00	0	3018	-320	S	302	QPS	ZG	0.00	375.00	1.08	375.00
0	2110	2111	S	203	QPS	ZG	0.00	837.50	1.45	837.50	0	-165	1029	S	109	QPS	ZG	0.00	967.50	1.38	967.50
0	2030	2028	S	208	QPS	ZG	0.00	806.25	0.90	806.25	0	-263	2030	S	208	QPS	ZG	0.00	806.25	1.38	806.25
0	1030	-153	S	107	QPS	ZG	0.00	825.00	0.76	825.00	0	1030	-153	S	108	QPS	ZG	0.00	825.00	0.76	825.00
0	-320	-319	S	302	QPS	ZG	0.00	375.00	1.08	375.00	0	3019	3018	S	302	QPS	ZG	0.00	375.00	0.90	375.00
0	3008	3009	S	300	QPS	ZG	0.00	687.50	1.45	687.50	0	3008	3009	S	301	QPS	ZG	0.00	375.00	1.45	375.00
0	-186	-189	S	109	QPS	ZG	0.00	967.50	1.34	967.50	0	-186	-189	S	110	QPS	ZG	0.00	1020.00	1.34	1020.00
0	2112	2113	S	203	QPS	ZG	0.00	837.50	1.45	837.50	0	-189	1065	S	109	QPS	ZG	0.00	967.50	1.34	967.50
0	-189	1065	S	110	QPS	ZG	0.00	1020.00	1.34	1020.00	0	-170	-165	S	109	QPS	ZG	0.00	967.50	1.38	967.50
0	-153	1031	S	107	QPS	ZG	0.00	825.00	0.76	825.00	0	-153	1031	S	108	QPS	ZG	0.00	825.00	0.76	825.00
0	2066	2069	S	208	QPS	ZG	0.00	806.25	1.44	806.25	0	-154	-155	S	107	QPS	ZG	0.00	825.00	0.70	825.00
0	-154	-155	S	108	QPS	ZG	0.00	825.00	0.70	825.00	0	-319	3012	S	302	QPS	ZG	0.00	375.00	1.08	375.00
0	-239	1123	S	101	QPS	ZG	0.00</														



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0	-279	-282	S	208	QPS	ZG	0.00	806.25	1.34	806.25	0	2124	2123	S	203	QPS	ZG	0.00	837.50	0.70	837.50
0	1112	-225	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00	0	1031	-154	S	107	QPS	ZG	0.00	825.00	0.70	825.00
0	1031	-154	S	108	QPS	ZG	0.00	825.00	0.70	825.00	0	1124	1123	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00
0	2122	2121	S	203	QPS	ZG	0.00	837.50	0.95	837.50	0	-174	-170	S	109	QPS	ZG	0.00	967.50	1.38	967.50
0	2030	2031	S	201	QPS	ZG	0.00	687.50	1.15	687.50	0	2030	2031	S	202	QPS	ZG	0.00	687.50	1.15	687.50
0	-334	-331	S	302	QPS	ZG	0.00	375.00	1.38	375.00	0	2125	2124	S	203	QPS	ZG	0.00	837.50	1.45	837.50
0	1007	-124	S	108	QPS	ZG	0.00	825.00	0.88	825.00	0	2005	2006	S	202	QPS	ZG	0.00	687.50	1.45	687.50
0	3007	3008	S	300	QPS	ZG	0.00	687.50	1.20	687.50	0	3007	3008	S	301	QPS	ZG	0.00	375.00	1.20	375.00
0	2031	-253	S	201	QPS	ZG	0.00	687.50	0.76	687.50	0	2031	-253	S	202	QPS	ZG	0.00	687.50	0.76	687.50
0	-344	1043	S	109	QPS	ZG	0.00	967.50	0.05	967.50	0	-269	-263	S	208	QPS	ZG	0.00	806.25	1.38	806.25
0	3009	3010	S	300	QPS	ZG	0.00	687.50	1.20	687.50	0	3009	3010	S	301	QPS	ZG	0.00	375.00	1.20	375.00
0	2032	-254	S	201	QPS	ZG	0.00	687.50	0.70	687.50	0	2032	-254	S	202	QPS	ZG	0.00	687.50	0.70	687.50
0	-254	-255	S	201	QPS	ZG	0.00	687.50	0.70	687.50	0	-254	-255	S	202	QPS	ZG	0.00	687.50	0.70	687.50
0	-225	-226	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00	0	-226	-227	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00
0	-305	-306	S	203	QPS	ZG	0.00	837.50	1.46	837.50	0	2006	2007	S	202	QPS	ZG	0.00	687.50	1.20	687.50
0	2113	-305	S	203	QPS	ZG	0.00	837.50	1.46	837.50	0	-124	1008	S	108	QPS	ZG	0.00	825.00	0.88	825.00
0	1125	1124	S	102	QPS	ZG	0.00	1005.00	0.95	1005.00	0	1069	1084	S	103	QPS	ZG	0.00	375.00	1.30	375.00
0	-155	-156	S	107	QPS	ZG	0.00	825.00	1.41	825.00	0	-155	-156	S	108	QPS	ZG	0.00	825.00	1.41	825.00
0	1043	-174	S	109	QPS	ZG	0.00	967.50	1.38	967.50	0	2069	2070	S	208	QPS	ZG	0.00	806.25	0.61	806.25
0	1126	1125	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	2127	2126	S	203	QPS	ZG	0.00	837.50	1.45	837.50
0	-214	-219	S	103	QPS	ZG	0.00	375.00	1.05	375.00	0	1019	1020	S	108	QPS	ZG	0.00	397.50	0.47	397.50
0	3019	3020	S	300	QPS	ZG	0.00	687.50	1.15	687.50	0	3019	3020	S	304	QPS	ZG	0.00	687.50	1.15	687.50
0	3020	-322	S	300	QPS	ZG	0.00	687.50	0.76	687.50	0	3020	-322	S	304	QPS	ZG	0.00	687.50	0.76	687.50
0	2007	2008	S	202	QPS	ZG	0.00	687.50	1.45	687.50	0	2007	2008	S	202	QPS	ZG	1.45	687.50	1.75	356.25
0	-255	-256	S	201	QPS	ZG	0.00	687.50	1.41	687.50	0	-255	-256	S	202	QPS	ZG	0.00	687.50	1.41	687.50
0	-256	-257	S	201	QPS	ZG	0.00	687.50	1.41	687.50	0	-256	-257	S	202	QPS	ZG	0.00	687.50	1.41	687.50
0	-307	-308	S	203	QPS	ZG	0.00	837.50	1.46	837.50	0	1054	-188	S	109	QPS	ZG	0.00	967.50	1.00	967.50
0	-273	-269	S	208	QPS	ZG	0.00	806.25	1.38	806.25	0	3010	3011	S	300	QPS	ZG	0.00	687.50	1.45	687.50
0	3010	3011	S	301	QPS	ZG	0.00	375.00	1.75	375.00	0	3010	3011	S	300	QPS	ZG	1.45	687.50	1.75	356.25
0	-227	-228	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00	0	1073	1072	S	104	QPS	ZG	0.00	570.00	0.90	570.00
0	-282	2066	S	207	QPS	ZG	0.00	850.00	1.34	850.00	0	-282	2066	S	208	QPS	ZG	0.00	806.25	1.34	806.25
0	2126	2125	S	203	QPS	ZG	0.00	837.50	0.95	837.50	0	-306	-307	S	203	QPS	ZG	0.00	837.50	1.46	837.50
0	-188	-344	S	109	QPS	ZG	0.00	967.50	0.95	967.50	0	-179	1043	S	106	QPS	ZG	0.00	757.50	1.27	757.50
0	-179	1043	S	107	QPS	ZG	0.00	825.00	1.27	825.00	0	-156	-157	S	107	QPS	ZG	0.00	825.00	1.41	825.00
0	-156	-157	S	108	QPS	ZG	0.00	825.00	1.41	825.00	0	1067	1054	S	109	QPS	ZG	0.00	967.50	1.50	967.50
0	-345	2044	S	208	QPS	ZG	0.00	806.25	0.05	806.25	0	-157	-158	S	107	QPS	ZG	0.00	825.00	1.41	825.00
0	-157	-158	S	108	QPS	ZG	0.00	825.00	1.41	825.00	0	3021	-323	S	300	QPS	ZG	0.00	687.50	0.70	687.50
0	3021	-323	S	304	QPS	ZG	0.00	687.50	0.70	687.50	0	1045	1044	S	106	QPS	ZG	0.00	757.50	1.45	757.50
0	1045	1044	S	107	QPS	ZG	0.00	825.00	1.45	825.00	0	-275	2044	S	200	QPS	ZG	0.00	631.25	1.27	631.25
0	-275	2044	S	201	QPS	ZG	0.00	687.50	1.27	687.50	0	1072	1071	S	104	QPS	ZG	0.00	570.00	0.55	570.00
0	2055	-281	S	208	QPS	ZG	0.00	806.25	1.00	806.25	0	-276	-275	S	200	QPS	ZG	0.00	631.25	1.27	631.25
0	-276	-275	S	201	QPS	ZG	0.00	687.50	1.27	687.50	0	-336	-334	S	302	QPS	ZG	0.00	375.00	1.38	375.00
0	2128	2127	S	203	QPS	ZG	0.00	837.50	1.05	837.50	0	1071	-211	S	103	QPS	ZG	0.00	375.00	1.27	375.00
0	-257	-258	S	201	QPS	ZG	0.00	687.50	1.41	687.50	0	-257	-258	S	202	QPS	ZG	0.00	687.50	1.41	687.50
0	-219	1102	S	103	QPS	ZG	0.00	375.00	1.05	375.00	0	2085	2103	S	211	QPS	ZG	0.00	312.50	3.15	312.50
0	-180	-179	S	106	QPS	ZG	0.00	757.50	1.27	757.50	0	-180	-179	S	107	QPS	ZG	0.00	825.00	1.27	825.00
0	3027	-336	S	302	QPS	ZG	0.00	375.00	1.38	375.00	0	2129	2128	S	203	QPS	ZG	0.00	837.50	1.45	837.50
0	-211	-215	S	103	QPS	ZG	0.00	375.00	1.27	375.00	0	-308	2114	S	203	QPS	ZG	0.00	837.50	1.46	837.50
0	-205	1073	S	104	QPS	ZG	0.00	570.00	1.25	570.00	0	2072	-294	S	210	QPS	ZG	0.00	493.75	1.27	493.75
0	2072	-294	S	211	QPS	ZG	0.00	312.50	1.27	312.50	0	1044	-180	S	106	QPS	ZG	0.00	757.50	0.97	757.50
0	1044	-180	S	107	QPS	ZG	0.00	825.00	0.97	825.00	0	1102	1113	S	103	QPS	ZG	0.00	375.00	0.85	375.00
0	-215	1088	S	103	QPS	ZG	0.00	375.00	1.27	375.00	0	2070	2085	S	211	QPS	ZG	0.00	312.50	1.30	312.50
0	-294	-297	S	210	QPS	ZG	0.00	493.75	1.27	493.75	0	-294	-297	S	211	QPS	ZG	0.00	312.50	1.27	312.50
0	2103	2114	S	211	QPS	ZG	0.00	312.50	0.85	312.50	0	-158	1032	S	107	QPS	ZG	0.00	825.00	1.41	825.00
0	-158	1032	S	108	QPS	ZG	0.00	825.00	1.41	825.00	0	2044	-273	S	208	QPS	ZG	0.00	806.25	1.38	806.25
0	1084	-214	S	103	QPS	ZG	0.00	375.00	1.05	375.00	0	-325	-326	S	300	QPS	ZG	0.00	687.50	1.41	687.50
0	-325	-326	S	304	QPS	ZG	0.00	687.50	1.41	687.50	0	2045	-276	S	200	QPS	ZG	0.00	631.25	0.97	631.25
0	2045	-276	S	201	QPS	ZG	0.00	687.50	0.97	687.50	0	1088	1103	S	103	QPS	ZG	0.00	375.00	1.12	375.00
0	1089	1088	S	104	QPS	ZG	0.00	570.00	1.20	570.00	0	1032	-159	S	107	QPS	ZG	0.00	825.00	1.41	825.00
0	1032	-159	S	108	QPS	ZG	0.30	397.50	1.41	397.50	0	1032	-159	S	108	QPS	ZG	0.00	825.00	0.30	825.00
0	-324	-325	S	300	QPS	ZG	0.00	687.50	1.41	687.50	0	-324	-325	S	304	QPS	ZG	0.00	687.50	1.41	687.50
0	-281	-345	S	208	QPS	ZG	0.00	806.25	0.95	806.25	0	2068	2055	S	208	QPS	ZG	0.00	806.25	1.50	806.25
0	2033	2020	S	202	QPS	ZG	0.00	77.34	2.67	40.07	0	-181	1045	S	106	QPS	ZG	0.00	757.50	0.65	757.50
0	-181	1045	S	107	QPS	ZG	0.00	825.00	0.65	825.00	0	-322	3021	S	300	QPS	ZG	0.00	687.50	0.76	687.50
0	-322	3021	S	304	QPS	ZG	0.00	687.50	0.76	687.50	0	2132	2131	S	203	QPS	ZG	0.00	837.50	0.60	837.50
0	-323	-324	S	300	QPS	ZG	0.00	687.50	0.70	687.50	0	-323	-324	S	304	QPS	ZG	0.00	687.50	0.70	687.50
0	-203	1067	S	109	QPS	ZG	0.00	967.50	0.78												



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0	1129	-242	S	102	QPS	ZG	0.00	1005.00	1.05	1005.00	0	1020	1021	S	108	QPS	ZG	0.00	397.50	1.20	397.50
0	-228	1113	S	102	QPS	ZG	0.00	1005.00	1.46	1005.00	0	-242	1128	S	102	QPS	ZG	0.00	1005.00	1.05	1005.00
0	2046	2045	S	200	QPS	ZG	0.00	631.25	1.45	631.25	0	2046	2045	S	201	QPS	ZG	0.00	687.50	1.45	687.50
0	1074	-205	S	104	QPS	ZG	0.00	570.00	1.25	570.00	0	-290	2068	S	208	QPS	ZG	0.00	806.25	0.78	806.25
0	-348	-229	S	102	QPS	ZG	0.00	1005.00	0.70	1005.00	0	-297	2089	S	210	QPS	ZG	0.00	493.75	1.27	493.75
0	-297	2089	S	211	QPS	ZG	0.00	312.50	1.27	312.50	0	1021	1022	S	108	QPS	ZG	0.00	397.50	0.84	397.50
0	2047	2046	S	200	QPS	ZG	0.00	631.25	1.50	631.25	0	2047	2046	S	201	QPS	ZG	0.00	687.50	1.50	687.50
0	-258	2033	S	201	QPS	ZG	0.00	687.50	1.41	687.50	0	-258	2033	S	202	QPS	ZG	0.00	687.50	1.41	687.50
0	-206	1074	S	105	QPS	ZG	0.00	570.00	1.33	570.00	0	-206	1074	S	106	QPS	ZG	0.00	757.50	1.33	757.50
0	-159	-160	S	107	QPS	ZG	0.00	825.00	1.41	825.00	0	-159	-160	S	108	QPS	ZG	0.00	397.50	1.41	397.50
0	-327	3022	S	300	QPS	ZG	0.00	687.50	1.41	687.50	0	-327	3022	S	304	QPS	ZG	0.00	687.50	1.41	687.50
0	-316	2129	S	203	QPS	ZG	0.00	837.50	1.05	837.50	0	1113	-348	S	102	QPS	ZG	0.00	1005.00	0.55	1005.00
0	-207	-206	S	105	QPS	ZG	0.00	570.00	1.33	570.00	0	-207	-206	S	106	QPS	ZG	0.00	757.50	1.33	757.50
0	2075	-290	S	208	QPS	ZG	0.00	806.25	0.78	806.25	0	-229	1114	S	102	QPS	ZG	0.00	1005.00	1.25	1005.00
0	1046	-181	S	106	QPS	ZG	0.00	757.50	0.85	757.50	0	1046	-181	S	107	QPS	ZG	0.00	825.00	0.85	825.00
0	3016	-321	S	305	QPS	ZG	0.00	315.00	1.32	333.75	0	3016	-321	S	306	QPS	ZG	0.00	375.00	1.32	375.00
0	1103	-353	S	103	QPS	ZG	0.00	375.00	0.33	375.00	0	2131	2130	S	203	QPS	ZG	0.00	837.50	1.45	837.50
0	1090	1089	S	104	QPS	ZG	0.00	570.00	1.45	570.00	0	-277	2047	S	200	QPS	ZG	0.00	631.25	1.47	631.25
0	-277	2047	S	201	QPS	ZG	0.00	687.50	1.47	687.50	0	3013	3022	S	300	QPS	ZG	0.00	40.07	2.67	77.34
0	3013	3022	S	305	QPS	ZG	0.00	313.00	2.67	350.26	0	-353	1114	S	103	QPS	ZG	0.00	375.00	0.05	375.00
0	3029	3028	S	303	QPS	ZG	0.00	375.00	1.45	375.00	0	3029	3028	S	304	QPS	ZG	0.00	687.50	1.45	687.50
0	2114	2115	S	203	QPS	ZG	0.00	837.50	2.50	837.50	0	3030	3029	S	303	QPS	ZG	0.00	375.00	1.50	375.00
0	3030	3029	S	304	QPS	ZG	0.00	687.50	1.50	687.50	0	1091	1090	S	104	QPS	ZG	0.00	570.00	1.30	570.00
0	-298	-295	S	209	QPS	ZG	0.00	1081.25	1.27	1081.25	0	-298	-295	S	210	QPS	ZG	0.00	493.75	1.27	493.75
0	2089	2104	S	211	QPS	ZG	0.00	312.50	1.12	312.50	0	-326	-327	S	300	QPS	ZG	0.00	687.50	1.41	687.50
0	-326	-327	S	304	QPS	ZG	0.00	687.50	1.41	687.50	0	-321	-328	S	305	QPS	ZG	0.00	333.75	1.32	352.50
0	-321	-328	S	306	QPS	ZG	0.00	375.00	1.32	375.00	0	-329	3022	S	305	QPS	ZG	0.00	352.50	1.03	352.50
0	1078	1077	S	105	QPS	ZG	0.00	570.00	0.95	570.00	0	1078	1077	S	106	QPS	ZG	0.00	757.50	0.95	757.50
0	3028	-338	S	303	QPS	ZG	0.00	375.00	0.97	375.00	0	3028	-338	S	304	QPS	ZG	0.00	687.50	0.97	687.50
0	-332	-329	S	305	QPS	ZG	0.00	352.50	1.03	352.50	0	1130	1129	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00
0	2076	2075	S	200	QPS	ZG	0.00	631.25	4.00	631.25	0	1131	1130	S	102	QPS	ZG	0.00	1005.00	0.60	1005.00
0	-354	2115	S	211	QPS	ZG	0.00	312.50	0.05	312.50	0	2134	2133	S	203	QPS	ZG	0.00	837.50	0.60	837.50
0	1092	1091	S	105	QPS	ZG	0.00	570.00	0.89	570.00	0	-271	2037	S	201	QPS	ZG	0.00	300.00	1.41	300.00
0	-328	-330	S	305	QPS	ZG	0.00	352.50	1.03	352.50	0	-328	-330	S	306	QPS	ZG	0.00	375.00	1.03	375.00
0	-295	2075	S	209	QPS	ZG	0.00	1081.25	1.27	1081.25	0	-295	2075	S	210	QPS	ZG	0.00	493.75	1.27	493.75
0	2104	-354	S	211	QPS	ZG	0.00	312.50	0.33	312.50	0	-278	-277	S	200	QPS	ZG	0.00	631.25	1.47	631.25
0	-278	-277	S	201	QPS	ZG	0.00	687.50	1.47	687.50	0	3023	-332	S	305	QPS	ZG	0.00	352.50	1.03	352.50
0	-182	1046	S	106	QPS	ZG	0.00	757.50	1.47	757.50	0	-182	1046	S	107	QPS	ZG	0.00	825.00	1.47	825.00
0	1132	1131	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00	0	1075	-207	S	105	QPS	ZG	0.00	570.00	1.33	570.00
0	1075	-207	S	106	QPS	ZG	0.00	757.50	1.33	757.50	0	2092	-298	S	209	QPS	ZG	0.00	1081.25	1.27	1081.25
0	2092	-298	S	210	QPS	ZG	0.00	493.75	1.27	493.75	0	2130	-316	S	203	QPS	ZG	0.00	837.50	1.05	837.50
0	1133	1132	S	102	QPS	ZG	0.00	1005.00	0.60	1005.00	0	2133	2132	S	203	QPS	ZG	0.00	837.50	1.45	837.50
0	-183	-182	S	106	QPS	ZG	0.00	757.50	1.47	757.50	0	-183	-182	S	107	QPS	ZG	0.00	825.00	1.47	825.00
0	1076	1075	S	105	QPS	ZG	0.00	570.00	0.60	570.00	0	1076	1075	S	106	QPS	ZG	0.00	757.50	0.60	757.50
0	1047	-183	S	106	QPS	ZG	0.00	757.50	1.47	757.50	0	1047	-183	S	107	QPS	ZG	0.00	825.00	1.47	825.00
0	-339	3030	S	303	QPS	ZG	0.00	375.00	1.47	375.00	0	-339	3030	S	304	QPS	ZG	0.00	687.50	1.47	687.50
0	-335	3023	S	304	QPS	ZG	0.00	300.00	1.41	300.00	0	2038	-271	S	201	QPS	ZG	0.00	300.00	1.41	300.00
0	1077	1076	S	105	QPS	ZG	0.00	570.00	0.70	570.00	0	1077	1076	S	106	QPS	ZG	0.00	757.50	0.70	757.50
0	2077	2076	S	200	QPS	ZG	0.00	631.25	0.60	631.25	0	2135	2134	S	203	QPS	ZG	0.00	837.50	1.45	837.50
0	1093	1092	S	105	QPS	ZG	0.00	570.00	1.45	570.00	0	1094	1093	S	105	QPS	ZG	0.00	570.00	0.27	570.00
0	1049	1048	S	106	QPS	ZG	0.00	757.50	0.75	757.50	0	1049	1048	S	107	QPS	ZG	0.00	825.00	0.75	825.00
0	2048	-278	S	200	QPS	ZG	0.00	631.25	1.47	631.25	0	2048	-278	S	201	QPS	ZG	1.17	687.50	1.47	687.50
0	2048	-278	S	201	QPS	ZG	0.00	300.00	1.17	300.00	0	-340	-339	S	303	QPS	ZG	0.00	375.00	1.47	375.00
0	-340	-339	S	304	QPS	ZG	0.00	687.50	1.47	687.50	0	1134	1133	S	102	QPS	ZG	0.00	1005.00	1.45	1005.00
0	-317	2135	S	203	QPS	ZG	0.00	837.50	1.05	837.50	0	-208	1078	S	105	QPS	ZG	0.00	570.00	1.20	570.00
0	-208	1078	S	106	QPS	ZG	0.00	757.50	1.20	757.50	0	1048	1047	S	106	QPS	ZG	0.00	757.50	0.90	757.50
0	1048	1047	S	107	QPS	ZG	0.00	825.00	0.90	825.00	0	2050	2049	S	200	QPS	ZG	0.00	631.25	0.75	631.25
0	2050	2049	S	201	QPS	ZG	0.00	300.00	0.75	300.00	0	-333	3024	S	305	QPS	ZG	0.00	352.50	1.03	352.50
0	-333	3024	S	306	QPS	ZG	0.00	375.00	1.03	375.00	0	1095	1094	S	105	QPS	ZG	0.00	570.00	1.45	570.00
0	2049	2048	S	200	QPS	ZG	0.00	631.25	0.90	631.25	0	2049	2048	S	201	QPS	ZG	0.00	300.00	0.90	300.00
0	-243	1134	S	102	QPS	ZG	0.00	1005.00	1.05	1005.00	0	1096	1095	S	105	QPS	ZG	0.00	570.00	0.27	570.00
0	-330	-333	S	305	QPS	ZG	0.00	352.50	1.03	352.50	0	-330	-333	S	306	QPS	ZG	0.00	375.00	1.03	375.00
0	-209	1079	S	106	QPS	ZG	0.00	757.50	1.29	757.50	0	3024	3025	S	306	QPS	ZG	0.00	375.00	0.33	375.00
0	3032	3031	S	303	QPS	ZG	0.00	375.00	0.90	375.00	0	3032	3031	S	304	QPS	ZG	0.00	300.00	0.90	300.00
0	3025	3033	S	306	QPS	ZG	0.00	375.00	2.08	375.00	0	3033	3032	S	303	QPS	ZG	0.00	375.00	0.75	375.00
0	3033	3032	S	304	QPS	ZG	0.00	300.00	0.75	300.00	0	1135	-243	S	102	QPS	ZG	0.00	1005.00	1.05	1005.00
0	2136	-317	S	203	QPS	ZG	0.00	837.50	1.05	837.50	0</										



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0	1098	1097	S	105	QPS	ZG	0.00	570.00	0.27	570.00	0	-210	-209	S	106	QPS	ZG	0.00	757.50	1.29	757.50
0	3031	-340	S	303	QPS	ZG	0.00	375.00	1.47	375.00	0	3031	-340	S	304	QPS	ZG	1.17	687.50	1.47	687.50
0	3031	-340	S	304	QPS	ZG	0.00	300.00	1.17	300.00	0	1099	1098	S	105	QPS	ZG	0.00	570.00	1.45	570.00
0	1080	-210	S	106	QPS	ZG	0.00	757.50	1.29	757.50	0	2084	2087	S	209	QPS	ZG	0.00	1081.25	1.00	1081.25
0	-293	-292	S	200	QPS	ZG	0.00	631.25	1.29	631.25	0	1100	1099	S	105	QPS	ZG	0.00	570.00	1.15	570.00
0	2080	2084	S	209	QPS	ZG	0.00	1081.25	0.80	1081.25	0	-292	2080	S	200	QPS	ZG	0.00	631.25	1.29	631.25
0	2087	-300	S	209	QPS	ZG	0.00	1081.25	1.00	1081.25	0	2081	-293	S	200	QPS	ZG	0.00	631.25	1.29	631.25
0	-300	2101	S	209	QPS	ZG	0.00	1081.25	1.00	1081.25											

Condizione di carico n. 2: Permanenti Non Strutturali
Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi	Qi	Xf	Qf	Asta	N1	N2	E	NE	T	DC	Xi	Qi	Xf	Qf
							<m>	<daN/m>	<m>	<daN/m>								<m>	<daN/m>	<m>	<daN/m>
0	-142	1009	S	112	QPN	ZG	0.00	639.00	1.07	639.00	0	-146	-142	S	112	QPN	ZG	0.00	639.00	1.07	639.00
0	1025	-146	S	112	QPN	ZG	0.00	639.00	1.07	639.00	0	-152	1025	S	112	QPN	ZG	0.00	639.00	1.30	639.00
0	-247	2009	S	205	QPN	ZG	0.00	550.25	1.07	550.25	0	1033	-152	S	112	QPN	ZG	0.00	639.00	1.30	639.00
0	-250	-247	S	205	QPN	ZG	0.00	550.25	1.07	550.25	0	2026	-250	S	205	QPN	ZG	0.00	550.25	1.07	550.25
0	2034	2026	S	205	QPN	ZG	0.00	550.25	2.60	550.25	0	-265	2034	S	205	QPN	ZG	0.00	550.25	1.03	550.25
0	-167	1033	S	112	QPN	ZG	0.00	639.00	1.03	639.00	0	-171	-167	S	112	QPN	ZG	0.00	639.00	1.03	639.00
0	-270	-265	S	205	QPN	ZG	0.00	550.25	1.03	550.25	0	1010	1011	S	112	QPN	ZG	0.00	639.00	0.85	639.00
0	1041	-171	S	112	QPN	ZG	0.00	639.00	1.03	639.00	0	1042	1041	S	112	QPN	ZG	0.00	639.00	1.45	639.00
0	2042	-270	S	205	QPN	ZG	0.00	550.25	1.03	550.25	0	1011	-145	S	111	QPN	ZG	0.00	612.00	1.15	612.00
0	1011	-145	S	112	QPN	ZG	0.00	639.00	1.15	639.00	0	-145	1024	S	111	QPN	ZG	0.00	612.00	1.15	612.00
0	-145	1024	S	112	QPN	ZG	0.00	639.00	1.15	639.00	0	1024	1026	S	111	QPN	ZG	0.00	612.00	0.85	612.00
0	1024	1026	S	112	QPN	ZG	0.00	639.00	0.85	639.00	0	2010	2011	S	205	QPN	ZG	0.00	550.25	0.85	550.25
0	-249	2025	S	205	QPN	ZG	0.00	550.25	1.15	550.25	0	-249	2025	S	206	QPN	ZG	0.00	527.00	1.15	527.00
0	1050	1042	S	112	QPN	ZG	0.00	639.00	0.95	639.00	0	1026	-162	S	111	QPN	ZG	0.00	612.00	1.40	612.00
0	1026	-162	S	112	QPN	ZG	0.00	639.00	1.40	639.00	0	2011	-249	S	205	QPN	ZG	0.00	550.25	1.15	550.25
0	2011	-249	S	206	QPN	ZG	0.00	527.00	1.15	527.00	0	1055	1050	S	112	QPN	ZG	0.00	639.00	1.45	639.00
0	1056	1055	S	112	QPN	ZG	0.00	639.00	0.75	639.00	0	2051	2043	S	205	QPN	ZG	0.00	550.25	0.95	550.25
0	2056	2051	S	205	QPN	ZG	0.00	550.25	1.45	550.25	0	-162	-166	S	111	QPN	ZG	0.00	612.00	1.40	612.00
0	-162	-166	S	112	QPN	ZG	0.00	639.00	1.40	639.00	0	2057	2056	S	205	QPN	ZG	0.00	550.25	0.75	550.25
0	2025	2027	S	205	QPN	ZG	0.00	550.25	0.85	550.25	0	2025	2027	S	206	QPN	ZG	0.00	527.00	0.85	527.00
0	2027	-260	S	205	QPN	ZG	0.00	550.25	1.40	550.25	0	2027	-260	S	206	QPN	ZG	0.00	527.00	1.40	527.00
0	-260	-264	S	205	QPN	ZG	0.00	550.25	1.40	550.25	0	-260	-264	S	206	QPN	ZG	0.00	527.00	1.40	527.00
0	-201	1056	S	100	QPN	ZG	0.00	639.00	1.18	639.00	0	-264	2039	S	205	QPN	ZG	0.00	550.25	1.40	550.25
0	-264	2039	S	206	QPN	ZG	0.00	527.00	1.40	527.00	0	1082	-201	S	100	QPN	ZG	0.00	639.00	1.18	639.00
0	2083	-288	S	204	QPN	ZG	0.00	550.25	1.18	550.25	0	2043	2042	S	205	QPN	ZG	0.00	550.25	1.45	550.25
0	-166	1038	S	111	QPN	ZG	0.00	612.00	1.40	612.00	0	-166	1038	S	112	QPN	ZG	0.00	639.00	1.40	639.00
0	1012	-143	S	110	QPN	ZG	0.00	612.00	1.05	612.00	0	1012	-143	S	111	QPN	ZG	0.00	612.00	1.05	612.00
0	1038	-175	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	1038	-175	S	112	QPN	ZG	0.00	639.00	1.22	639.00
0	-143	1023	S	110	QPN	ZG	0.00	612.00	1.15	612.00	0	-143	1023	S	111	QPN	ZG	0.00	612.00	1.15	612.00
0	1085	1082	S	100	QPN	ZG	0.00	639.00	1.50	639.00	0	2086	2083	S	204	QPN	ZG	0.00	550.25	1.50	550.25
0	2039	2052	S	205	QPN	ZG	0.00	550.25	3.65	550.25	0	2039	2052	S	206	QPN	ZG	0.00	527.00	3.65	527.00
0	1023	-151	S	110	QPN	ZG	0.00	612.00	1.17	612.00	0	1023	-151	S	111	QPN	ZG	0.00	612.00	1.17	612.00
0	-175	-184	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	-175	-184	S	112	QPN	ZG	0.00	639.00	1.22	639.00
0	2088	2086	S	204	QPN	ZG	0.00	550.25	0.90	550.25	0	2012	2018	S	206	QPN	ZG	0.00	527.00	1.05	527.00
0	2012	2018	S	207	QPN	ZG	0.00	527.00	1.05	527.00	0	2018	2024	S	206	QPN	ZG	0.00	527.00	1.15	527.00
0	2018	2024	S	207	QPN	ZG	0.00	527.00	1.15	527.00	0	-288	2057	S	204	QPN	ZG	0.00	550.25	1.18	550.25
0	-184	1051	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	-184	1051	S	112	QPN	ZG	0.00	639.00	1.22	639.00
0	-151	-161	S	110	QPN	ZG	0.00	612.00	1.17	612.00	0	-151	-161	S	111	QPN	ZG	0.00	612.00	1.17	612.00
0	1087	1085	S	100	QPN	ZG	0.00	639.00	0.90	639.00	0	1101	1087	S	100	QPN	ZG	0.00	639.00	1.50	639.00
0	2102	2088	S	204	QPN	ZG	0.00	550.25	1.50	550.25	0	-161	1034	S	110	QPN	ZG	0.00	612.00	1.17	612.00
0	-161	1034	S	111	QPN	ZG	0.00	612.00	1.17	612.00	0	1051	-190	S	111	QPN	ZG	0.00	612.00	0.82	612.00
0	1051	-190	S	112	QPN	ZG	0.00	639.00	0.82	639.00	0	-190	1059	S	111	QPN	ZG	0.00	612.00	0.82	612.00
0	-190	1059	S	112	QPN	ZG	0.00	639.00	0.82	639.00	0	-283	2060	S	205	QPN	ZG	0.00	550.25	0.82	550.25
0	-283	2060	S	206	QPN	ZG	0.00	527.00	0.82	527.00	0	1104	1101	S	100	QPN	ZG	0.00	639.00	1.10	639.00
0	1034	-169	S	110	QPN	ZG	0.00	612.00	0.82	612.00	0	1034	-169	S	111	QPN	ZG	0.00	612.00	0.82	612.00
0	1115	1104	S	101	QPN	ZG	0.00	639.00	0.25	639.00	0	2105	2102	S	204	QPN	ZG	0.00	550.25	1.10	550.25
0	1059	-200	S	100	QPN	ZG	0.00	639.00	1.15	639.00	0	2052	-283	S	205	QPN	ZG	0.00	550.25	0.82	550.25
0	2052	-283	S	206	QPN	ZG	0.00	527.00	0.82	527.00	0	2024	2035	S	206	QPN	ZG	0.00	527.00	3.50	527.00
0	2024	2035	S	207	QPN	ZG	0.00	527.00	3.50	527.00	0	-169	1039	S	110	QPN	ZG	0.00	612.00	0.82	612.00
0	-169	1039	S	111	QPN	ZG	0.00	612.00	0.82	612.00	0	2035	-268	S	206	QPN	ZG	0.00	527.00	0.82	527.00
0	2035	-268	S	207	QPN	ZG	0.00	527.00	0.82	527.00	0	-268	2040	S	206	QPN	ZG	0.00	527.00	0.82	527.00
0	-268	2040	S	207	QPN	ZG	0.00	527.00	0.82	527.00	0	1117	1115	S	101	QPN	ZG	0.00	639.00	1.45	639.00
0	1039	-176	S	110	QPN	ZG	0.00	612.00	1.22	612.00	0	1039	-176	S	111	QPN	ZG	0.00	612.00	1.22	612.00
0	-302	2105	S	203	QPN	ZG	0.00	519.25	1.27	519.25	0	1015	-147	S	109	QPN	ZG	0.00	580.50	1.38	580.50
0	1015	-147	S	110	QPN	ZG	0.00	612.00	1.38	612.00	0	-200	1081	S	100	QPN	ZG	0.00	639.00	1.15	639.00
0	2060	2082	S	204	QPN	ZG	0.00	550.25	2.30	550.25	0	-234	1117	S	101	QPN	ZG	0.00	639.00	1.25	639.00



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
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0	1081	-213	S	100	QPN	ZG	0.00	639.00	1.26	639.00	0	2082	-296	S	204	QPN	ZG	0.00	550.25	1.26	550.25
0	2015	2029	S	207	QPN	ZG	0.00	527.00	4.15	527.00	0	2015	2029	S	208	QPN	ZG	0.00	499.88	4.15	499.88
0	-303	-302	S	203	QPN	ZG	0.00	519.25	1.27	519.25	0	-147	-149	S	109	QPN	ZG	0.00	580.50	1.38	580.50
0	-147	-149	S	110	QPN	ZG	0.00	612.00	1.38	612.00	0	-176	-185	S	110	QPN	ZG	0.00	612.00	1.22	612.00
0	-176	-185	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	-237	-234	S	101	QPN	ZG	0.00	639.00	1.25	639.00
0	-304	-303	S	203	QPN	ZG	0.00	519.25	1.27	519.25	0	-185	1052	S	110	QPN	ZG	0.00	612.00	1.22	612.00
0	-185	1052	S	111	QPN	ZG	0.00	612.00	1.22	612.00	0	2106	-304	S	203	QPN	ZG	0.00	519.25	1.27	519.25
0	-149	1028	S	109	QPN	ZG	0.00	580.50	1.38	580.50	0	-149	1028	S	110	QPN	ZG	0.00	612.00	1.38	612.00
0	1028	-163	S	109	QPN	ZG	0.00	580.50	0.90	580.50	0	1028	-163	S	110	QPN	ZG	0.00	612.00	0.90	612.00
0	2040	2053	S	206	QPN	ZG	0.00	527.00	3.65	527.00	0	2040	2053	S	207	QPN	ZG	0.00	527.00	3.65	527.00
0	-213	-217	S	100	QPN	ZG	0.00	639.00	1.26	639.00	0	-217	-220	S	100	QPN	ZG	0.00	639.00	1.26	639.00
0	-296	-299	S	204	QPN	ZG	0.00	550.25	1.26	550.25	0	-240	-237	S	101	QPN	ZG	0.00	639.00	1.25	639.00
0	-163	1035	S	109	QPN	ZG	0.00	580.50	0.90	580.50	0	-163	1035	S	110	QPN	ZG	0.00	612.00	0.90	612.00
0	1052	-191	S	110	QPN	ZG	0.00	612.00	0.82	612.00	0	1052	-191	S	111	QPN	ZG	0.00	612.00	0.82	612.00
0	-191	1062	S	110	QPN	ZG	0.00	612.00	0.82	612.00	0	-191	1062	S	111	QPN	ZG	0.00	612.00	0.82	612.00
0	2053	-284	S	206	QPN	ZG	0.00	527.00	0.82	527.00	0	2053	-284	S	207	QPN	ZG	0.00	527.00	0.82	527.00
0	-284	2063	S	206	QPN	ZG	0.00	527.00	0.82	527.00	0	-284	2063	S	207	QPN	ZG	0.00	527.00	0.82	527.00
0	1001	-123	S	108	QPN	ZG	0.00	495.00	0.90	495.00	0	1107	1116	S	101	QPN	ZG	0.00	639.00	0.30	639.00
0	-224	1108	S	102	QPN	ZG	0.00	603.00	0.78	603.00	0	1118	-240	S	101	QPN	ZG	0.00	639.00	1.25	639.00
0	-123	1002	S	108	QPN	ZG	0.00	495.00	0.90	495.00	0	2107	2106	S	203	QPN	ZG	0.00	519.25	1.00	519.25
0	1107	-224	S	102	QPN	ZG	0.00	603.00	0.78	603.00	0	-299	-301	S	204	QPN	ZG	0.00	550.25	1.26	550.25
0	2108	2109	S	203	QPN	ZG	0.00	519.25	1.55	519.25	0	1002	1003	S	108	QPN	ZG	0.00	495.00	1.15	495.00
0	1035	-173	S	109	QPN	ZG	0.00	580.50	1.34	580.50	0	1035	-173	S	110	QPN	ZG	0.00	612.00	1.34	612.00
0	1108	1109	S	102	QPN	ZG	0.00	603.00	0.90	603.00	0	-301	2108	S	204	QPN	ZG	0.00	550.25	1.26	550.25
0	-144	1017	S	109	QPN	ZG	0.00	580.50	1.08	580.50	0	1027	-148	S	109	QPN	ZG	0.00	580.50	1.08	580.50
0	-248	2017	S	208	QPN	ZG	0.00	499.88	1.08	499.88	0	2002	2003	S	202	QPN	ZG	0.00	495.00	1.15	495.00
0	-272	-274	S	207	QPN	ZG	0.00	527.00	1.34	527.00	0	-272	-274	S	208	QPN	ZG	0.00	499.88	1.34	499.88
0	2121	2120	S	203	QPN	ZG	0.00	519.25	3.00	519.25	0	-148	-144	S	109	QPN	ZG	0.00	580.50	1.08	580.50
0	-220	1107	S	100	QPN	ZG	0.00	639.00	1.26	639.00	0	2001	2002	S	202	QPN	ZG	0.00	495.00	1.80	495.00
0	2120	2119	S	203	QPN	ZG	0.00	519.25	1.00	519.25	0	2036	-272	S	207	QPN	ZG	0.00	527.00	1.34	527.00
0	2036	-272	S	208	QPN	ZG	0.00	499.88	1.34	499.88	0	1116	-231	S	101	QPN	ZG	0.00	639.00	1.28	639.00
0	-231	-233	S	101	QPN	ZG	0.00	639.00	1.28	639.00	0	-233	-236	S	101	QPN	ZG	0.00	639.00	1.28	639.00
0	2108	2107	S	203	QPN	ZG	0.00	519.25	1.00	519.25	0	2109	2110	S	203	QPN	ZG	0.00	519.25	0.90	519.25
0	1004	1005	S	108	QPN	ZG	0.00	495.00	1.20	495.00	0	2004	2005	S	202	QPN	ZG	0.00	495.00	1.20	495.00
0	1029	1027	S	109	QPN	ZG	0.00	580.50	0.90	580.50	0	3005	3006	S	300	QPN	ZG	0.00	426.25	1.15	426.25
0	3005	3006	S	301	QPN	ZG	0.00	232.50	1.15	232.50	0	-173	-178	S	109	QPN	ZG	0.00	580.50	1.34	580.50
0	-173	-178	S	110	QPN	ZG	0.00	612.00	1.34	612.00	0	2029	2036	S	207	QPN	ZG	0.00	527.00	1.80	527.00
0	2029	2036	S	208	QPN	ZG	0.00	499.88	1.80	499.88	0	1003	1004	S	108	QPN	ZG	0.00	495.00	1.45	495.00
0	-178	-186	S	109	QPN	ZG	0.00	580.50	1.34	580.50	0	-178	-186	S	110	QPN	ZG	0.00	612.00	1.34	612.00
0	-274	-279	S	207	QPN	ZG	0.00	527.00	1.34	527.00	0	-274	-279	S	208	QPN	ZG	0.00	499.88	1.34	499.88
0	1110	1111	S	102	QPN	ZG	0.00	603.00	0.95	603.00	0	2111	2112	S	203	QPN	ZG	0.00	519.25	0.95	519.25
0	1005	1006	S	108	QPN	ZG	0.00	495.00	1.45	495.00	0	2003	2004	S	202	QPN	ZG	0.00	495.00	1.45	495.00
0	1109	1110	S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	1029	1030	S	107	QPN	ZG	0.00	495.00	1.15	495.00
0	1029	1030	S	108	QPN	ZG	0.00	495.00	1.15	495.00	0	3004	3005	S	300	QPN	ZG	0.00	426.25	1.80	426.25
0	3004	3005	S	301	QPN	ZG	0.00	232.50	1.80	232.50	0	-236	-239	S	101	QPN	ZG	0.00	639.00	1.28	639.00
0	1111	1112	S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	3006	3007	S	300	QPN	ZG	0.00	426.25	1.45	426.25
0	3006	3007	S	301	QPN	ZG	0.00	232.50	1.45	232.50	0	2028	-251	S	208	QPN	ZG	0.00	499.88	1.08	499.88
0	2123	2122	S	203	QPN	ZG	0.00	519.25	1.45	519.25	0	-251	-248	S	208	QPN	ZG	0.00	499.88	1.08	499.88
0	3012	3004	S	302	QPN	ZG	0.00	232.50	1.35	232.50	0	3018	-320	S	302	QPN	ZG	0.00	232.50	1.08	232.50
0	2110	2111	S	203	QPN	ZG	0.00	519.25	1.45	519.25	0	-165	1029	S	109	QPN	ZG	0.00	580.50	1.38	580.50
0	2030	2028	S	208	QPN	ZG	0.00	499.88	0.90	499.88	0	-263	2030	S	208	QPN	ZG	0.00	499.88	1.38	499.88
0	1030	-153	S	107	QPN	ZG	0.00	495.00	0.76	495.00	0	1030	-153	S	108	QPN	ZG	0.00	495.00	0.76	495.00
0	-320	-319	S	302	QPN	ZG	0.00	232.50	1.08	232.50	0	3019	3018	S	302	QPN	ZG	0.00	232.50	0.90	232.50
0	3008	3009	S	300	QPN	ZG	0.00	426.25	1.45	426.25	0	3008	3009	S	301	QPN	ZG	0.00	232.50	1.45	232.50
0	-186	-189	S	109	QPN	ZG	0.00	580.50	1.34	580.50	0	-186	-189	S	110	QPN	ZG	0.00	612.00	1.34	612.00
0	2112	2113	S	203	QPN	ZG	0.00	519.25	1.45	519.25	0	-189	1065	S	109	QPN	ZG	0.00	580.50	1.34	580.50
0	-189	1065	S	110	QPN	ZG	0.00	612.00	1.34	612.00	0	-170	-165	S	109	QPN	ZG	0.00	580.50	1.38	580.50
0	-153	1031	S	107	QPN	ZG	0.00	495.00	0.76	495.00	0	-153	1031	S	108	QPN	ZG	0.00	495.00	0.76	495.00
0	2066	2069	S	208	QPN	ZG	0.00	499.88	1.44	499.88	0	-154	-155	S	107	QPN	ZG	0.00	495.00	0.70	495.00
0	-154	-155	S	108	QPN	ZG	0.00	495.00	0.70	495.00	0	-319	3012	S	302	QPN	ZG	0.00	232.50	1.08	232.50
0	-239	1123	S	101	QPN	ZG	0.00	639.00	1.28	639.00	0	-253	2032	S	201	QPN	ZG	0.00	495.00	0.76	495.00
0	-253	2032	S	202	QPN	ZG	0.00	495.00	0.76	495.00	0	-331	3019	S	302	QPN	ZG	0.00	232.50	1.38	232.50
0	1006	1007	S	108	QPN	ZG	0.00	495.00	1.20	495.00	0	1065	1068	S	109	QPN	ZG	0.00	580.50	1.44	580.50
0	1068	1069	S	109	QPN	ZG	0.00	580.50	0.61	580.50	0	-279	-282	S	207	QPN	ZG	0.00	527.00	1.34	527.00
0	-279	-282	S	208	QPN	ZG	0.00	499.88	1.34	499.88	0	2124	2123	S	203	QPN	ZG	0.00	519.25	0.70	519.25
0	1112	-225	S	102	QPN	ZG	0.00	603.00	1.46	603.00	0	1031	-154	S	107	QPN	ZG	0.00	495.00	0.70	495.00
0	1031	-154	S	108	QPN	ZG	0.00														



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

0	1007	-124	S	108	QPN	ZG	0.00	495.00	0.88	495.00	0	2005	2006	S	202	QPN	ZG	0.00	495.00	1.45	495.00
0	3007	3008	S	300	QPN	ZG	0.00	426.25	1.20	426.25	0	3007	3008	S	301	QPN	ZG	0.00	232.50	1.20	232.50
0	2031	-253	S	201	QPN	ZG	0.00	495.00	0.76	495.00	0	2031	-253	S	202	QPN	ZG	0.00	495.00	0.76	495.00
0	-344	1043	S	109	QPN	ZG	0.00	580.50	0.05	580.50	0	-269	-263	S	208	QPN	ZG	0.00	499.88	1.38	499.88
0	3009	3010	S	300	QPN	ZG	0.00	426.25	1.20	426.25	0	3009	3010	S	301	QPN	ZG	0.00	232.50	1.20	232.50
0	2032	-254	S	201	QPN	ZG	0.00	495.00	0.70	495.00	0	2032	-254	S	202	QPN	ZG	0.00	495.00	0.70	495.00
0	-254	-255	S	201	QPN	ZG	0.00	495.00	0.70	495.00	0	-254	-255	S	202	QPN	ZG	0.00	495.00	0.70	495.00
0	-225	-226	S	102	QPN	ZG	0.00	603.00	1.46	603.00	0	-226	-227	S	102	QPN	ZG	0.00	603.00	1.46	603.00
0	-305	-306	S	203	QPN	ZG	0.00	519.25	1.46	519.25	0	2006	2007	S	202	QPN	ZG	0.00	495.00	1.20	495.00
0	2113	-305	S	203	QPN	ZG	0.00	519.25	1.46	519.25	0	-124	1008	S	108	QPN	ZG	0.00	495.00	0.88	495.00
0	1125	1124	S	102	QPN	ZG	0.00	603.00	0.95	603.00	0	1069	1084	S	103	QPN	ZG	0.00	225.00	1.30	225.00
0	-155	-156	S	107	QPN	ZG	0.00	495.00	1.41	495.00	0	-155	-156	S	108	QPN	ZG	0.00	495.00	1.41	495.00
0	1043	-174	S	109	QPN	ZG	0.00	580.50	1.38	580.50	0	2069	2070	S	208	QPN	ZG	0.00	499.88	0.61	499.88
0	1126	1125	S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	2127	2126	S	203	QPN	ZG	0.00	519.25	1.45	519.25
0	-214	-219	S	103	QPN	ZG	0.00	225.00	1.05	225.00	0	1019	1020	S	108	QPN	ZG	0.00	238.50	0.47	238.50
0	3019	3020	S	300	QPN	ZG	0.00	426.25	1.15	426.25	0	3019	3020	S	304	QPN	ZG	0.00	426.25	1.15	426.25
0	3020	-322	S	300	QPN	ZG	0.00	426.25	0.76	426.25	0	3020	-322	S	304	QPN	ZG	0.00	426.25	0.76	426.25
0	2007	2008	S	202	QPN	ZG	0.00	495.00	1.45	495.00	0	2007	2008	S	202	QPN	ZG	1.45	495.00	1.75	256.50
0	-255	-256	S	201	QPN	ZG	0.00	495.00	1.41	495.00	0	-255	-256	S	202	QPN	ZG	0.00	495.00	1.41	495.00
0	-256	-257	S	201	QPN	ZG	0.00	495.00	1.41	495.00	0	-256	-257	S	202	QPN	ZG	0.00	495.00	1.41	495.00
0	-307	-308	S	203	QPN	ZG	0.00	519.25	1.46	519.25	0	1054	-188	S	109	QPN	ZG	0.00	580.50	1.00	580.50
0	-273	-269	S	208	QPN	ZG	0.00	499.88	1.38	499.88	0	3010	3011	S	300	QPN	ZG	0.00	426.25	1.45	426.25
0	3010	3011	S	301	QPN	ZG	0.00	232.50	1.75	232.50	0	3010	3011	S	300	QPN	ZG	1.45	426.25	1.75	220.88
0	-227	-228	S	102	QPN	ZG	0.00	603.00	1.46	603.00	0	1073	1072	S	104	QPN	ZG	0.00	342.00	0.90	342.00
0	-282	2066	S	207	QPN	ZG	0.00	527.00	1.34	527.00	0	-282	2066	S	208	QPN	ZG	0.00	499.88	1.34	499.88
0	2126	2125	S	203	QPN	ZG	0.00	519.25	0.95	519.25	0	-306	-307	S	203	QPN	ZG	0.00	519.25	1.46	519.25
0	-188	-344	S	109	QPN	ZG	0.00	580.50	0.95	580.50	0	-179	1043	S	106	QPN	ZG	0.00	454.50	1.27	454.50
0	-179	1043	S	107	QPN	ZG	0.00	495.00	1.27	495.00	0	-156	-157	S	107	QPN	ZG	0.00	495.00	1.41	495.00
0	-156	-157	S	108	QPN	ZG	0.00	495.00	1.41	495.00	0	1067	1054	S	109	QPN	ZG	0.00	580.50	1.50	580.50
0	-345	2044	S	208	QPN	ZG	0.00	499.88	0.05	499.88	0	-157	-158	S	107	QPN	ZG	0.00	495.00	1.41	495.00
0	-157	-158	S	108	QPN	ZG	0.00	495.00	1.41	495.00	0	3021	-323	S	300	QPN	ZG	0.00	426.25	0.70	426.25
0	3021	-323	S	304	QPN	ZG	0.00	426.25	0.70	426.25	0	1045	1044	S	106	QPN	ZG	0.00	454.50	1.45	454.50
0	1045	1044	S	107	QPN	ZG	0.00	495.00	1.45	495.00	0	-275	2044	S	200	QPN	ZG	0.00	454.50	1.27	454.50
0	-275	2044	S	201	QPN	ZG	0.00	495.00	1.27	495.00	0	1072	1071	S	104	QPN	ZG	0.00	342.00	0.55	342.00
0	2055	-281	S	208	QPN	ZG	0.00	499.88	1.00	499.88	0	-276	-275	S	200	QPN	ZG	0.00	454.50	1.27	454.50
0	-276	-275	S	201	QPN	ZG	0.00	495.00	1.27	495.00	0	-336	-334	S	302	QPN	ZG	0.00	232.50	1.38	232.50
0	2128	2127	S	203	QPN	ZG	0.00	519.25	1.05	519.25	0	1071	-211	S	103	QPN	ZG	0.00	225.00	1.27	225.00
0	-257	-258	S	201	QPN	ZG	0.00	495.00	1.41	495.00	0	-257	-258	S	202	QPN	ZG	0.00	495.00	1.41	495.00
0	-219	1102	S	103	QPN	ZG	0.00	225.00	1.05	225.00	0	2085	2103	S	211	QPN	ZG	0.00	193.75	3.15	193.75
0	-180	-179	S	106	QPN	ZG	0.00	454.50	1.27	454.50	0	-180	-179	S	107	QPN	ZG	0.00	495.00	1.27	495.00
0	3027	-336	S	302	QPN	ZG	0.00	232.50	1.38	232.50	0	2129	2128	S	203	QPN	ZG	0.00	519.25	1.45	519.25
0	-211	-215	S	103	QPN	ZG	0.00	225.00	1.27	225.00	0	-308	2114	S	203	QPN	ZG	0.00	519.25	1.46	519.25
0	-205	1073	S	104	QPN	ZG	0.00	342.00	1.25	342.00	0	2072	-294	S	210	QPN	ZG	0.00	306.12	1.27	306.12
0	2072	-294	S	211	QPN	ZG	0.00	193.75	1.27	193.75	0	1044	-180	S	106	QPN	ZG	0.00	454.50	0.97	454.50
0	1044	-180	S	107	QPN	ZG	0.00	495.00	0.97	495.00	0	1102	1113	S	103	QPN	ZG	0.00	225.00	0.85	225.00
0	-215	1088	S	103	QPN	ZG	0.00	225.00	1.27	225.00	0	2070	2085	S	211	QPN	ZG	0.00	193.75	1.30	193.75
0	-294	-297	S	210	QPN	ZG	0.00	306.12	1.27	306.12	0	-294	-297	S	211	QPN	ZG	0.00	193.75	1.27	193.75
0	2103	2114	S	211	QPN	ZG	0.00	193.75	0.85	193.75	0	-158	1032	S	107	QPN	ZG	0.00	495.00	1.41	495.00
0	-158	1032	S	108	QPN	ZG	0.00	495.00	1.41	495.00	0	2044	-273	S	208	QPN	ZG	0.00	499.88	1.38	499.88
0	1084	-214	S	103	QPN	ZG	0.00	225.00	1.05	225.00	0	-325	-326	S	300	QPN	ZG	0.00	426.25	1.41	426.25
0	-325	-326	S	304	QPN	ZG	0.00	426.25	1.41	426.25	0	2045	-276	S	200	QPN	ZG	0.00	454.50	0.97	454.50
0	2045	-276	S	201	QPN	ZG	0.00	495.00	0.97	495.00	0	1088	1103	S	103	QPN	ZG	0.00	225.00	1.12	225.00
0	1089	1088	S	104	QPN	ZG	0.00	342.00	1.20	342.00	0	1032	-159	S	107	QPN	ZG	0.00	495.00	1.41	495.00
0	1032	-159	S	108	QPN	ZG	0.30	238.50	1.41	238.50	0	1032	-159	S	108	QPN	ZG	0.00	495.00	0.30	495.00
0	-324	-325	S	300	QPN	ZG	0.00	426.25	1.41	426.25	0	-324	-325	S	304	QPN	ZG	0.00	426.25	1.41	426.25
0	-281	-345	S	208	QPN	ZG	0.00	499.88	0.95	499.88	0	2068	2055	S	208	QPN	ZG	0.00	499.88	1.50	499.88
0	2033	2020	S	202	QPN	ZG	0.00	55.68	2.67	28.85	0	-181	1045	S	106	QPN	ZG	0.00	454.50	0.65	454.50
0	-181	1045	S	107	QPN	ZG	0.00	495.00	0.65	495.00	0	-322	3021	S	300	QPN	ZG	0.00	426.25	0.76	426.25
0	-322	3021	S	304	QPN	ZG	0.00	426.25	0.76	426.25	0	2132	2131	S	203	QPN	ZG	0.00	519.25	0.60	519.25
0	-323	-324	S	300	QPN	ZG	0.00	426.25	0.70	426.25	0	-323	-324	S	304	QPN	ZG	0.00	426.25	0.70	426.25
0	-203	1067	S	109	QPN	ZG	0.00	580.50	0.78	580.50	0	1074	-203	S	109	QPN	ZG	0.00	580.50	0.78	580.50
0	-337	3027	S	303	QPN	ZG	0.00	232.50	1.27	232.50	0	-337	3027	S	304	QPN	ZG	0.00	426.25	1.27	426.25
0	1127	1126	S	102	QPN	ZG	0.00	603.00	1.05	603.00	0	-338	-337	S	303	QPN	ZG	0.00	232.50	1.27	232.50
0	-338	-337	S	304	QPN	ZG	0.00	426.25	1.27	426.25	0	1128	1127	S	102	QPN	ZG	0.00	603.00	1.45	603.00
0	1129	-242	S	102	QPN	ZG	0.00	603.00	1.05	603.00	0	1020	1021	S	108	QPN	ZG	0.00	238.50	1.20	238.50
0	-228	1113	S	102	QPN	ZG	0.00	603.00	1.46	603.00	0	-242	1128	S	102	QPN	ZG	0.00	603.00	1.05	603.00
0	2046	2045	S	200	QPN	ZG	0.00	454.50	1.45</												



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0	2047	2046	S	200	QPN	ZG	0.00	454.50	1.50	454.50	0	2047	2046	S	201	QPN	ZG	0.00	495.00	1.50	495.00
0	-258	2033	S	201	QPN	ZG	0.00	495.00	1.41	495.00	0	-258	2033	S	202	QPN	ZG	0.00	495.00	1.41	495.00
0	-206	1074	S	105	QPN	ZG	0.00	342.00	1.33	342.00	0	-206	1074	S	106	QPN	ZG	0.00	454.50	1.33	454.50
0	-159	-160	S	107	QPN	ZG	0.00	495.00	1.41	495.00	0	-159	-160	S	108	QPN	ZG	0.00	238.50	1.41	238.50
0	-327	3022	S	300	QPN	ZG	0.00	426.25	1.41	426.25	0	-327	3022	S	304	QPN	ZG	0.00	426.25	1.41	426.25
0	-316	2129	S	203	QPN	ZG	0.00	519.25	1.05	519.25	0	1113	-348	S	102	QPN	ZG	0.00	603.00	0.55	603.00
0	-207	-206	S	105	QPN	ZG	0.00	342.00	1.33	342.00	0	-207	-206	S	106	QPN	ZG	0.00	454.50	1.33	454.50
0	2075	-290	S	208	QPN	ZG	0.00	499.88	0.78	499.88	0	-229	1114	S	102	QPN	ZG	0.00	603.00	1.25	603.00
0	1046	-181	S	106	QPN	ZG	0.00	454.50	0.85	454.50	0	1046	-181	S	107	QPN	ZG	0.00	495.00	0.85	495.00
0	3016	-321	S	305	QPN	ZG	0.00	195.30	1.32	206.93	0	3016	-321	S	306	QPN	ZG	0.00	232.50	1.32	232.50
0	1103	-353	S	103	QPN	ZG	0.00	225.00	0.33	225.00	0	2131	2130	S	203	QPN	ZG	0.00	519.25	1.45	519.25
0	1090	1089	S	104	QPN	ZG	0.00	342.00	1.45	342.00	0	-277	2047	S	200	QPN	ZG	0.00	454.50	1.47	454.50
0	-277	2047	S	201	QPN	ZG	0.00	495.00	1.47	495.00	0	3013	3022	S	300	QPN	ZG	0.00	24.85	2.67	47.95
0	3013	3022	S	305	QPN	ZG	0.00	194.06	2.67	217.16	0	-353	1114	S	103	QPN	ZG	0.00	225.00	0.05	225.00
0	3029	3028	S	303	QPN	ZG	0.00	232.50	1.45	232.50	0	3029	3028	S	304	QPN	ZG	0.00	426.25	1.45	426.25
0	2114	2115	S	203	QPN	ZG	0.00	519.25	2.50	519.25	0	3030	3029	S	303	QPN	ZG	0.00	232.50	1.50	232.50
0	3030	3029	S	304	QPN	ZG	0.00	426.25	1.50	426.25	0	1091	1090	S	104	QPN	ZG	0.00	342.00	1.30	342.00
0	-298	-295	S	209	QPN	ZG	0.00	670.38	1.27	670.38	0	-298	-295	S	210	QPN	ZG	0.00	306.12	1.27	306.12
0	2089	2104	S	211	QPN	ZG	0.00	193.75	1.12	193.75	0	-326	-327	S	300	QPN	ZG	0.00	426.25	1.41	426.25
0	-326	-327	S	304	QPN	ZG	0.00	426.25	1.41	426.25	0	-321	-328	S	305	QPN	ZG	0.00	206.93	1.32	218.55
0	-321	-328	S	306	QPN	ZG	0.00	232.50	1.32	232.50	0	-329	3022	S	305	QPN	ZG	0.00	218.55	1.03	218.55
0	1078	1077	S	105	QPN	ZG	0.00	342.00	0.95	342.00	0	1078	1077	S	106	QPN	ZG	0.00	454.50	0.95	454.50
0	3028	-338	S	303	QPN	ZG	0.00	232.50	0.97	232.50	0	3028	-338	S	304	QPN	ZG	0.00	426.25	0.97	426.25
0	-332	-329	S	305	QPN	ZG	0.00	218.55	1.03	218.55	0	1130	1129	S	102	QPN	ZG	0.00	603.00	1.45	603.00
0	2076	2075	S	200	QPN	ZG	0.00	454.50	4.00	454.50	0	1131	1130	S	102	QPN	ZG	0.00	603.00	0.60	603.00
0	-354	2115	S	211	QPN	ZG	0.00	193.75	0.05	193.75	0	2134	2133	S	203	QPN	ZG	0.00	519.25	0.60	519.25
0	1092	1091	S	105	QPN	ZG	0.00	342.00	0.89	342.00	0	-271	2037	S	201	QPN	ZG	0.00	216.00	1.41	216.00
0	-328	-330	S	305	QPN	ZG	0.00	218.55	1.03	218.55	0	-328	-330	S	306	QPN	ZG	0.00	232.50	1.03	232.50
0	-295	2075	S	209	QPN	ZG	0.00	670.38	1.27	670.38	0	-295	2075	S	210	QPN	ZG	0.00	306.12	1.27	306.12
0	2104	-354	S	211	QPN	ZG	0.00	193.75	0.33	193.75	0	-278	-277	S	200	QPN	ZG	0.00	454.50	1.47	454.50
0	-278	-277	S	201	QPN	ZG	0.00	495.00	1.47	495.00	0	3023	-332	S	305	QPN	ZG	0.00	218.55	1.03	218.55
0	-182	1046	S	106	QPN	ZG	0.00	454.50	1.47	454.50	0	-182	1046	S	107	QPN	ZG	0.00	495.00	1.47	495.00
0	1132	1131	S	102	QPN	ZG	0.00	603.00	1.45	603.00	0	1075	-207	S	105	QPN	ZG	0.00	342.00	1.33	342.00
0	1075	-207	S	106	QPN	ZG	0.00	454.50	1.33	454.50	0	2092	-298	S	209	QPN	ZG	0.00	670.38	1.27	670.38
0	2092	-298	S	210	QPN	ZG	0.00	306.12	1.27	306.12	0	2130	-316	S	203	QPN	ZG	0.00	519.25	1.05	519.25
0	1133	1132	S	102	QPN	ZG	0.00	603.00	0.60	603.00	0	2133	2132	S	203	QPN	ZG	0.00	519.25	1.45	519.25
0	-183	-182	S	106	QPN	ZG	0.00	454.50	1.47	454.50	0	-183	-182	S	107	QPN	ZG	0.00	495.00	1.47	495.00
0	1076	1075	S	105	QPN	ZG	0.00	342.00	0.60	342.00	0	1076	1075	S	106	QPN	ZG	0.00	454.50	0.60	454.50
0	1047	-183	S	106	QPN	ZG	0.00	454.50	1.47	454.50	0	1047	-183	S	107	QPN	ZG	0.00	495.00	1.47	495.00
0	-339	3030	S	303	QPN	ZG	0.00	232.50	1.47	232.50	0	-339	3030	S	304	QPN	ZG	0.00	426.25	1.47	426.25
0	-335	3023	S	304	QPN	ZG	0.00	186.00	1.41	186.00	0	2038	-271	S	201	QPN	ZG	0.00	216.00	1.41	216.00
0	1077	1076	S	105	QPN	ZG	0.00	342.00	0.70	342.00	0	1077	1076	S	106	QPN	ZG	0.00	454.50	0.70	454.50
0	2077	2076	S	200	QPN	ZG	0.00	454.50	0.60	454.50	0	2135	2134	S	203	QPN	ZG	0.00	519.25	1.45	519.25
0	1093	1092	S	105	QPN	ZG	0.00	342.00	1.45	342.00	0	1094	1093	S	105	QPN	ZG	0.00	342.00	0.27	342.00
0	1049	1048	S	106	QPN	ZG	0.00	454.50	0.75	454.50	0	1049	1048	S	107	QPN	ZG	0.00	495.00	0.75	495.00
0	2048	-278	S	200	QPN	ZG	0.00	454.50	1.47	454.50	0	2048	-278	S	201	QPN	ZG	1.17	495.00	1.47	495.00
0	2048	-278	S	201	QPN	ZG	0.00	216.00	1.17	216.00	0	-340	-339	S	303	QPN	ZG	0.00	232.50	1.47	232.50
0	-340	-339	S	304	QPN	ZG	0.00	426.25	1.47	426.25	0	1134	1133	S	102	QPN	ZG	0.00	603.00	1.45	603.00
0	-317	2135	S	203	QPN	ZG	0.00	519.25	1.05	519.25	0	-208	1078	S	105	QPN	ZG	0.00	342.00	1.20	342.00
0	-208	1078	S	106	QPN	ZG	0.00	454.50	1.20	454.50	0	1048	1047	S	106	QPN	ZG	0.00	454.50	0.90	454.50
0	1048	1047	S	107	QPN	ZG	0.00	495.00	0.90	495.00	0	2050	2049	S	200	QPN	ZG	0.00	454.50	0.75	454.50
0	2050	2049	S	201	QPN	ZG	0.00	216.00	0.75	216.00	0	-333	3024	S	305	QPN	ZG	0.00	218.55	1.03	218.55
0	-333	3024	S	306	QPN	ZG	0.00	232.50	1.03	232.50	0	1095	1094	S	105	QPN	ZG	0.00	342.00	1.45	342.00
0	2049	2048	S	200	QPN	ZG	0.00	454.50	0.90	454.50	0	2049	2048	S	201	QPN	ZG	0.00	216.00	0.90	216.00
0	-243	1134	S	102	QPN	ZG	0.00	603.00	1.05	603.00	0	1096	1095	S	105	QPN	ZG	0.00	342.00	0.27	342.00
0	-330	-333	S	305	QPN	ZG	0.00	218.55	1.03	218.55	0	-330	-333	S	306	QPN	ZG	0.00	232.50	1.03	232.50
0	-209	1079	S	106	QPN	ZG	0.00	454.50	1.29	454.50	0	3024	3025	S	306	QPN	ZG	0.00	232.50	0.33	232.50
0	3032	3031	S	303	QPN	ZG	0.00	232.50	0.90	232.50	0	3032	3031	S	304	QPN	ZG	0.00	186.00	0.90	186.00
0	3025	3033	S	306	QPN	ZG	0.00	232.50	2.08	232.50	0	3033	3032	S	303	QPN	ZG	0.00	232.50	0.75	232.50
0	3033	3032	S	304	QPN	ZG	0.00	186.00	0.75	186.00	0	1135	-243	S	102	QPN	ZG	0.00	603.00	1.05	603.00
0	2136	-317	S	203	QPN	ZG	0.00	519.25	1.05	519.25	0	1079	-208	S	105	QPN	ZG	0.00	342.00	1.20	342.00
0	1079	-208	S	106	QPN	ZG	0.00	454.50	1.20	454.50	0	2078	2077	S	200	QPN	ZG	0.00	454.50	0.70	454.50
0	3024	-335	S	304	QPN	ZG	0.00	186.00	1.41	186.00	0	2079	2078	S	200	QPN	ZG	0.00	454.50	0.95	454.50
0	2080	2079	S	200	QPN	ZG	0.00	454.50	2.40	454.50	0	1097	1096	S	105	QPN	ZG	0.00	342.00	1.45	342.00
0	1098	1097	S	105	QPN	ZG	0.00	342.00	0.27	342.00	0	-210	-209	S	106	QPN	ZG	0.00	454.50	1.29	454.50
0	3031	-340	S	303	QPN	ZG	0.00	232.50	1.47	232.50	0	3031	-340	S	304	QPN	ZG	1.17	426.25	1.47	426.25
0	3031	-340	S	304	QPN	ZG	0.00														



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0	2087	-300	S	209	QPN	ZG	0.00	670.38	1.00	670.38
0	-300	2101	S	209	QPN	ZG	0.00	670.38	1.00	670.38

0	2081	-293	S	200	QPN	ZG	0.00	454.50	1.29	454.50
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Condizione di carico n. 3: Variabili
Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	-142	1009	S	112	QA	ZG	0.00	1065.00	1.07	1065.00
0	-146	-142	S	112	QA	ZG	0.13	1065.00	1.07	1065.00
0	1025	-146	S	112	QA	ZG	0.05	1065.00	1.07	1065.00
0	1033	-152	S	112	QA	ZG	0.00	1065.00	1.30	1065.00
0	-171	-167	S	112	QA	ZG	0.00	1065.00	1.03	1065.00
0	1041	-171	S	112	QA	ZG	0.00	1065.00	1.03	1065.00
0	1011	-145	S	111	QA	ZG	0.00	1020.00	1.05	1020.00
0	1011	-145	S	112	QA	ZG	0.00	1065.00	0.22	1065.00
0	-145	1024	S	111	QA	ZG	0.00	1020.00	1.15	1020.00
0	-145	1024	S	112	QA	ZG	0.00	1065.00	0.13	1065.00
0	1024	1026	S	112	QA	ZG	0.00	1065.00	0.85	1065.00
0	1026	-162	S	111	QA	ZG	0.00	1020.00	1.40	1020.00
0	1055	1050	S	112	QA	ZG	0.00	1065.00	1.45	1065.00
0	-162	-166	S	111	QA	ZG	0.00	1020.00	1.40	1020.00
0	-201	1056	S	100	QA	ZG	0.00	1065.00	1.18	1065.00
0	-166	1038	S	111	QA	ZG	0.00	1020.00	1.40	1020.00
0	1012	-143	S	110	QA	ZG	0.00	1020.00	1.05	1020.00
0	1038	-175	S	111	QA	ZG	0.00	1020.00	1.22	1020.00
0	-143	1023	S	110	QA	ZG	0.00	1020.00	1.15	1020.00
0	1085	1082	S	100	QA	ZG	0.00	1065.00	1.50	1065.00
0	1023	-151	S	111	QA	ZG	0.00	1020.00	1.17	1020.00
0	-175	-184	S	111	QA	ZG	0.00	1020.00	1.22	1020.00
0	-184	1051	S	111	QA	ZG	0.00	1020.00	1.22	1020.00
0	-151	-161	S	110	QA	ZG	0.00	1020.00	1.17	1020.00
0	1087	1085	S	100	QA	ZG	0.00	1065.00	0.90	1065.00
0	-161	1034	S	110	QA	ZG	0.00	1020.00	1.17	1020.00
0	1051	-190	S	111	QA	ZG	0.00	1020.00	0.82	1020.00
0	-190	1059	S	111	QA	ZG	0.00	1020.00	0.82	1020.00
0	1104	1101	S	100	QA	ZG	0.00	1065.00	1.10	1065.00
0	1034	-169	S	111	QA	ZG	0.00	1020.00	0.82	1020.00
0	1059	-200	S	100	QA	ZG	0.00	1065.00	1.15	1065.00
0	-169	1039	S	111	QA	ZG	0.00	1020.00	0.82	1020.00
0	1039	-176	S	110	QA	ZG	0.00	1020.00	1.22	1020.00
0	1015	-147	S	109	QA	ZG	0.00	967.50	1.08	967.50
0	1015	-147	S	110	QA	ZG	0.00	1020.00	1.05	1020.00
0	-200	1081	S	100	QA	ZG	0.00	1065.00	1.15	1065.00
0	1081	-213	S	100	QA	ZG	0.00	1065.00	1.26	1065.00
0	-147	-149	S	110	QA	ZG	0.82	1020.00	1.38	1020.00
0	-176	-185	S	110	QA	ZG	0.00	1020.00	1.22	1020.00
0	-237	-234	S	101	QA	ZG	0.00	1065.00	1.25	1065.00
0	-185	1052	S	111	QA	ZG	0.00	1020.00	1.22	1020.00
0	-149	1028	S	110	QA	ZG	0.00	1020.00	1.38	1020.00
0	1028	-163	S	110	QA	ZG	0.00	1020.00	0.90	1020.00
0	-217	-220	S	100	QA	ZG	0.00	1065.00	1.26	1065.00
0	-163	1035	S	109	QA	ZG	0.00	967.50	0.90	967.50
0	1052	-191	S	110	QA	ZG	0.00	1020.00	0.82	1020.00
0	-191	1062	S	110	QA	ZG	0.00	1020.00	0.82	1020.00
0	1001	-123	S	108	QA	ZG	0.00	825.00	0.90	825.00
0	-224	1108	S	102	QA	ZG	0.00	1005.00	0.78	1005.00
0	-123	1002	S	108	QA	ZG	0.00	825.00	0.90	825.00
0	1002	1003	S	108	QA	ZG	0.00	825.00	1.15	825.00
0	1035	-173	S	110	QA	ZG	0.00	1020.00	1.34	1020.00
0	-144	1017	S	109	QA	ZG	0.00	967.50	1.08	967.50
0	2002	2003	S	202	QA	ZG	0.00	550.00	1.15	550.00
0	-148	-144	S	109	QA	ZG	0.78	967.50	1.08	967.50
0	2001	2002	S	202	QA	ZG	0.00	550.00	1.80	550.00
0	-231	-233	S	101	QA	ZG	0.00	1065.00	1.28	1065.00
0	1004	1005	S	108	QA	ZG	0.00	825.00	1.20	825.00
0	1029	1027	S	109	QA	ZG	0.00	967.50	0.90	967.50
0	-173	-178	S	110	QA	ZG	0.00	1020.00	1.34	1020.00
0	-178	-186	S	109	QA	ZG	0.00	967.50	1.34	967.50
0	1110	1111	S	102	QA	ZG	0.00	1005.00	0.95	1005.00

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	-146	-142	S	112	QA	ZG	0.00	1065.00	0.13	1065.00
0	1025	-146	S	112	QA	ZG	0.00	1065.00	0.05	1065.00
0	-152	1025	S	112	QA	ZG	0.00	1065.00	1.30	1065.00
0	-167	1033	S	112	QA	ZG	0.00	1065.00	1.03	1065.00
0	1010	1011	S	112	QA	ZG	0.00	1065.00	0.85	1065.00
0	1042	1041	S	112	QA	ZG	0.00	1065.00	1.45	1065.00
0	1011	-145	S	112	QA	ZG	0.22	1065.00	1.15	1065.00
0	1011	-145	S	111	QA	ZG	1.05	1020.00	1.15	1020.00
0	-145	1024	S	112	QA	ZG	0.13	1065.00	1.15	1065.00
0	1024	1026	S	111	QA	ZG	0.00	1020.00	0.85	1020.00
0	1050	1042	S	112	QA	ZG	0.00	1065.00	0.95	1065.00
0	1026	-162	S	112	QA	ZG	0.00	1065.00	1.40	1065.00
0	1056	1055	S	112	QA	ZG	0.00	1065.00	0.75	1065.00
0	-162	-166	S	112	QA	ZG	0.00	1065.00	1.40	1065.00
0	1082	-201	S	100	QA	ZG	0.00	1065.00	1.18	1065.00
0	-166	1038	S	112	QA	ZG	0.00	1065.00	1.40	1065.00
0	1012	-143	S	111	QA	ZG	0.00	1020.00	1.05	1020.00
0	1038	-175	S	112	QA	ZG	0.00	1065.00	1.22	1065.00
0	-143	1023	S	111	QA	ZG	0.00	1020.00	1.15	1020.00
0	1023	-151	S	110	QA	ZG	0.00	1020.00	0.57	1020.00
0	1023	-151	S	110	QA	ZG	0.57	1020.00	1.17	1020.00
0	-175	-184	S	112	QA	ZG	0.00	1065.00	1.22	1065.00
0	-184	1051	S	112	QA	ZG	0.00	1065.00	1.22	1065.00
0	-151	-161	S	111	QA	ZG	0.00	1020.00	1.17	1020.00
0	1101	1087	S	100	QA	ZG	0.00	1065.00	1.50	1065.00
0	-161	1034	S	111	QA	ZG	0.00	1020.00	1.17	1020.00
0	1051	-190	S	112	QA	ZG	0.00	1065.00	0.82	1065.00
0	-190	1059	S	112	QA	ZG	0.00	1065.00	0.82	1065.00
0	1034	-169	S	110	QA	ZG	0.00	1020.00	0.82	1020.00
0	1115	1104	S	101	QA	ZG	0.00	1065.00	0.25	1065.00
0	-169	1039	S	110	QA	ZG	0.00	1020.00	0.82	1020.00
0	1117	1115	S	101	QA	ZG	0.00	1065.00	1.45	1065.00
0	1039	-176	S	111	QA	ZG	0.00	1020.00	1.22	1020.00
0	1015	-147	S	110	QA	ZG	1.05	1020.00	1.38	1020.00
0	1015	-147	S	109	QA	ZG	1.08	967.50	1.38	967.50
0	-234	1117	S	101	QA	ZG	0.00	1065.00	1.25	1065.00
0	-147	-149	S	109	QA	ZG	0.00	967.50	1.38	967.50
0	-147	-149	S	110	QA	ZG	0.00	1020.00	0.82	1020.00
0	-176	-185	S	111	QA	ZG	0.00	1020.00	1.22	1020.00
0	-185	1052	S	110	QA	ZG	0.00	1020.00	1.22	1020.00
0	-149	1028	S	109	QA	ZG	0.00	967.50	1.38	967.50
0	1028	-163	S	109	QA	ZG	0.00	967.50	0.90	967.50
0	-213	-217	S	100	QA	ZG	0.00	1065.00	1.26	1065.00
0	-240	-237	S	101	QA	ZG	0.00	1065.00	1.25	1065.00
0	-163	1035	S	110	QA	ZG	0.00	1020.00	0.90	1020.00
0	1052	-191	S	111	QA	ZG	0.00	1020.00	0.82	1020.00
0	-191	1062	S	111	QA	ZG	0.00	1020.00	0.82	1020.00
0	1107	1116	S	101	QA	ZG	0.00	1065.00	0.30	1065.00
0	1118	-240	S	101	QA	ZG	0.00	1065.00	1.25	1065.00
0	1107	-224	S	102	QA	ZG	0.00	1005.00	0.78	1005.00
0	1035	-173	S	109	QA	ZG	0.00	967.50	1.34	967.50
0	1108	1109	S	102	QA	ZG	0.00	1005.00	0.90	1005.00
0	1027	-148	S	109	QA	ZG	0.00	967.50	1.08	967.50
0	-148	-144	S	109	QA	ZG	0.00	967.50	0.78	967.50
0	-220	1107	S	100	QA	ZG	0.00	1065.00	1.26	1065.00
0	1116	-231	S	101	QA	ZG	0.00	1065.00	1.28	1065.00
0	-233	-236	S	101	QA	ZG	0.00	1065.00	1.28	1065.00
0	2004	2005	S	202	QA	ZG	0.00	550.00	1.20	550.00
0	-173	-178	S	109	QA	ZG	0.00	967.50	1.34	967.50
0	1003	1004	S	108	QA	ZG	0.00	825.00	1.45	825.00
0	-178	-186	S	110	QA	ZG	0.00	1020.00	1.34	1020.00
0	1005	1006	S	108	QA	ZG	0.00	825.00	1.45	825.00



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0	2003	2004	S	202	QA	ZG	0.00	550.00	1.45	550.00	0	1109	1110	S	102	QA	ZG	0.00	1005.00	1.45	1005.00
0	1029	1030	S	107	QA	ZG	0.00	825.00	1.15	825.00	0	1029	1030	S	108	QA	ZG	0.00	825.00	1.15	825.00
0	-236	-239	S	101	QA	ZG	0.00	1065.00	1.28	1065.00	0	1111	1112	S	102	QA	ZG	0.00	1005.00	1.45	1005.00
0	-165	1029	S	109	QA	ZG	0.00	967.50	1.38	967.50	0	1030	-153	S	107	QA	ZG	0.00	825.00	0.76	825.00
0	1030	-153	S	108	QA	ZG	0.00	825.00	0.76	825.00	0	-186	-189	S	109	QA	ZG	0.00	967.50	1.34	967.50
0	-186	-189	S	110	QA	ZG	0.00	1020.00	1.34	1020.00	0	-189	1065	S	109	QA	ZG	0.00	967.50	1.34	967.50
0	-189	1065	S	110	QA	ZG	0.00	1020.00	1.34	1020.00	0	-170	-165	S	109	QA	ZG	0.00	967.50	1.38	967.50
0	-153	1031	S	107	QA	ZG	0.00	825.00	0.76	825.00	0	-153	1031	S	108	QA	ZG	0.00	825.00	0.76	825.00
0	-154	-155	S	107	QA	ZG	0.00	825.00	0.70	825.00	0	-154	-155	S	108	QA	ZG	0.00	825.00	0.70	825.00
0	-239	1123	S	101	QA	ZG	0.00	1065.00	1.28	1065.00	0	-253	2032	S	201	QA	ZG	0.00	550.00	0.76	550.00
0	-253	2032	S	202	QA	ZG	0.00	550.00	0.76	550.00	0	1006	1007	S	108	QA	ZG	0.00	825.00	1.20	825.00
0	1065	1068	S	109	QA	ZG	0.00	967.50	1.44	967.50	0	1068	1069	S	109	QA	ZG	0.00	967.50	0.61	967.50
0	1112	-225	S	102	QA	ZG	0.00	1005.00	1.46	1005.00	0	1031	-154	S	107	QA	ZG	0.00	825.00	0.70	825.00
0	1031	-154	S	108	QA	ZG	0.00	825.00	0.70	825.00	0	1124	1123	S	102	QA	ZG	0.00	1005.00	1.45	1005.00
0	-174	-170	S	109	QA	ZG	0.00	967.50	1.38	967.50	0	2030	2031	S	201	QA	ZG	0.00	550.00	1.15	550.00
0	2030	2031	S	202	QA	ZG	0.00	550.00	1.15	550.00	0	1007	-124	S	108	QA	ZG	0.00	825.00	0.88	825.00
0	2005	2006	S	202	QA	ZG	0.00	550.00	1.45	550.00	0	2031	-253	S	201	QA	ZG	0.00	550.00	0.76	550.00
0	2031	-253	S	202	QA	ZG	0.00	550.00	0.76	550.00	0	-344	1043	S	109	QA	ZG	0.00	967.50	0.05	967.50
0	2032	-254	S	201	QA	ZG	0.00	550.00	0.70	550.00	0	2032	-254	S	202	QA	ZG	0.00	550.00	0.70	550.00
0	-254	-255	S	201	QA	ZG	0.00	550.00	0.70	550.00	0	-254	-255	S	202	QA	ZG	0.00	550.00	0.70	550.00
0	-225	-226	S	102	QA	ZG	0.00	1005.00	1.46	1005.00	0	-226	-227	S	102	QA	ZG	0.00	1005.00	1.46	1005.00
0	2006	2007	S	202	QA	ZG	0.00	550.00	1.20	550.00	0	-124	1008	S	108	QA	ZG	0.00	825.00	0.88	825.00
0	1125	1124	S	102	QA	ZG	0.00	1005.00	0.95	1005.00	0	1069	1084	S	103	QA	ZG	0.00	375.00	1.30	375.00
0	-155	-156	S	107	QA	ZG	0.00	825.00	1.41	825.00	0	-155	-156	S	108	QA	ZG	0.00	825.00	1.41	825.00
0	1043	-174	S	109	QA	ZG	0.00	967.50	1.38	967.50	0	1126	1125	S	102	QA	ZG	0.00	1005.00	1.45	1005.00
0	-214	-219	S	103	QA	ZG	0.00	375.00	1.05	375.00	0	1019	1020	S	108	QA	ZG	0.00	397.50	0.47	397.50
0	2007	2008	S	202	QA	ZG	0.00	550.00	1.45	550.00	0	2007	2008	S	202	QA	ZG	1.45	550.00	1.75	285.00
0	-255	-256	S	201	QA	ZG	0.00	550.00	1.41	550.00	0	-255	-256	S	202	QA	ZG	0.00	550.00	1.41	550.00
0	-256	-257	S	201	QA	ZG	0.00	550.00	1.41	550.00	0	-256	-257	S	202	QA	ZG	0.00	550.00	1.41	550.00
0	1054	-188	S	109	QA	ZG	0.00	967.50	1.00	967.50	0	-227	-228	S	102	QA	ZG	0.00	1005.00	1.46	1005.00
0	1073	1072	S	104	QA	ZG	0.00	570.00	0.90	570.00	0	-188	-344	S	109	QA	ZG	0.00	967.50	0.95	967.50
0	-179	1043	S	106	QA	ZG	0.00	757.50	1.27	757.50	0	-179	1043	S	107	QA	ZG	0.00	825.00	1.27	825.00
0	-156	-157	S	107	QA	ZG	0.00	825.00	1.41	825.00	0	-156	-157	S	108	QA	ZG	0.00	825.00	1.41	825.00
0	1067	1054	S	109	QA	ZG	0.00	967.50	1.50	967.50	0	-157	-158	S	107	QA	ZG	0.00	825.00	1.41	825.00
0	-157	-158	S	108	QA	ZG	0.00	825.00	1.41	825.00	0	1045	1044	S	106	QA	ZG	0.00	757.50	1.45	757.50
0	1045	1044	S	107	QA	ZG	0.00	825.00	1.45	825.00	0	-275	2044	S	200	QA	ZG	0.00	505.00	1.27	505.00
0	-275	2044	S	201	QA	ZG	0.00	550.00	1.27	550.00	0	1072	1071	S	104	QA	ZG	0.00	570.00	0.55	570.00
0	-276	-275	S	200	QA	ZG	0.00	505.00	1.27	505.00	0	-276	-275	S	201	QA	ZG	0.00	550.00	1.27	550.00
0	1071	-211	S	103	QA	ZG	0.00	375.00	1.27	375.00	0	-257	-258	S	201	QA	ZG	0.00	550.00	1.41	550.00
0	-257	-258	S	202	QA	ZG	0.00	550.00	1.41	550.00	0	-219	1102	S	103	QA	ZG	0.00	375.00	1.05	375.00
0	-180	-179	S	106	QA	ZG	0.00	757.50	1.27	757.50	0	-180	-179	S	107	QA	ZG	0.00	825.00	1.27	825.00
0	-211	-215	S	103	QA	ZG	0.00	375.00	1.27	375.00	0	-205	1073	S	104	QA	ZG	0.00	570.00	1.25	570.00
0	1044	-180	S	106	QA	ZG	0.00	757.50	0.97	757.50	0	1044	-180	S	107	QA	ZG	0.00	825.00	0.97	825.00
0	1102	1113	S	103	QA	ZG	0.00	375.00	0.85	375.00	0	-215	1088	S	103	QA	ZG	0.00	375.00	1.27	375.00
0	-158	1032	S	107	QA	ZG	0.00	825.00	1.41	825.00	0	-158	1032	S	108	QA	ZG	0.00	825.00	1.41	825.00
0	1084	-214	S	103	QA	ZG	0.00	375.00	1.05	375.00	0	2045	-276	S	200	QA	ZG	0.00	505.00	0.97	505.00
0	2045	-276	S	201	QA	ZG	0.00	550.00	0.97	550.00	0	1088	1103	S	103	QA	ZG	0.00	375.00	1.12	375.00
0	1089	1088	S	104	QA	ZG	0.00	570.00	1.20	570.00	0	1032	-159	S	107	QA	ZG	0.00	825.00	1.41	825.00
0	1032	-159	S	108	QA	ZG	0.30	397.50	1.41	397.50	0	1032	-159	S	108	QA	ZG	0.00	825.00	0.30	825.00
0	2033	2020	S	202	QA	ZG	0.00	61.87	2.67	32.06	0	-181	1045	S	106	QA	ZG	0.00	757.50	0.65	757.50
0	-181	1045	S	107	QA	ZG	0.00	825.00	0.65	825.00	0	-203	1067	S	109	QA	ZG	0.00	967.50	0.78	967.50
0	1074	-203	S	109	QA	ZG	0.00	967.50	0.78	967.50	0	1127	1126	S	102	QA	ZG	0.00	1005.00	1.05	1005.00
0	1128	1127	S	102	QA	ZG	0.00	1005.00	1.45	1005.00	0	1129	-242	S	102	QA	ZG	0.00	1005.00	1.05	1005.00
0	1020	1021	S	108	QA	ZG	0.00	397.50	1.20	397.50	0	-228	1113	S	102	QA	ZG	0.00	1005.00	1.46	1005.00
0	-242	1128	S	102	QA	ZG	0.00	1005.00	1.05	1005.00	0	2046	2045	S	200	QA	ZG	0.00	505.00	1.45	505.00
0	2046	2045	S	201	QA	ZG	0.00	550.00	1.45	550.00	0	1074	-205	S	104	QA	ZG	0.00	570.00	1.25	570.00
0	-348	-229	S	102	QA	ZG	0.00	1005.00	0.70	1005.00	0	1021	1022	S	108	QA	ZG	0.00	397.50	0.84	397.50
0	2047	2046	S	200	QA	ZG	0.00	505.00	1.50	505.00	0	2047	2046	S	201	QA	ZG	0.00	550.00	1.50	550.00
0	-258	2033	S	201	QA	ZG	0.00	550.00	1.41	550.00	0	-258	2033	S	202	QA	ZG	0.00	550.00	1.41	550.00
0	-206	1074	S	105	QA	ZG	0.00	570.00	1.33	570.00	0	-206	1074	S	106	QA	ZG	0.00	757.50	1.33	757.50
0	-159	-160	S	107	QA	ZG	0.00	825.00	1.41	825.00	0	-159	-160	S	108	QA	ZG	0.00	397.50	1.41	397.50
0	1113	-348	S	102	QA	ZG	0.00	1005.00	0.55	1005.00	0	-207	-206	S	105	QA	ZG	0.00	570.00	1.33	570.00
0	-207	-206	S	106	QA	ZG	0.00	757.50	1.33	757.50	0	-229	1114	S	102	QA	ZG	0.00	1005.00	1.25	1005.00
0	1046	-181	S	106	QA	ZG	0.00	757.50	0.85	757.50	0	1046	-181	S	107	QA	ZG	0.00	825.00	0.85	825.00
0	1103	-353	S	103	QA	ZG	0.00	375.00	0.33	375.00	0	1090	1089	S	104	QA	ZG	0.00	570.00	1.45	570.00
0	-277	2047	S	200	QA	ZG	0.00	505.00	1.47	505.00	0	-277	2047	S	201	QA	ZG	0.00	550.00	1.47	550.00
0	-353	1114	S	103	QA	ZG	0.00	375.00	0.05	375.00	0	1091	1090	S	104	QA	ZG	0.00	570.00	1.30	570.00
0	1078	1077	S	105	QA	ZG	0.00	570													



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0	-271	2037	S	201	QA	ZG	0.00	240.00	1.41	240.00	0	-278	-277	S	200	QA	ZG	0.00	505.00	1.47	505.00
0	-278	-277	S	201	QA	ZG	0.00	550.00	1.47	550.00	0	-182	1046	S	106	QA	ZG	0.00	757.50	1.47	757.50
0	-182	1046	S	107	QA	ZG	0.00	825.00	1.47	825.00	0	1132	1131	S	102	QA	ZG	0.00	1005.00	1.45	1005.00
0	1075	-207	S	105	QA	ZG	0.00	570.00	1.33	570.00	0	1075	-207	S	106	QA	ZG	0.00	757.50	1.33	757.50
0	1133	1132	S	102	QA	ZG	0.00	1005.00	0.60	1005.00	0	-183	-182	S	106	QA	ZG	0.00	757.50	1.47	757.50
0	-183	-182	S	107	QA	ZG	0.00	825.00	1.47	825.00	0	1076	1075	S	105	QA	ZG	0.00	570.00	0.60	570.00
0	1076	1075	S	106	QA	ZG	0.00	757.50	0.60	757.50	0	1047	-183	S	106	QA	ZG	0.00	757.50	1.47	757.50
0	1047	-183	S	107	QA	ZG	0.00	825.00	1.47	825.00	0	2038	-271	S	201	QA	ZG	0.00	240.00	1.41	240.00
0	1077	1076	S	105	QA	ZG	0.00	570.00	0.70	570.00	0	1077	1076	S	106	QA	ZG	0.00	757.50	0.70	757.50
0	2077	2076	S	200	QA	ZG	0.00	505.00	0.60	505.00	0	1093	1092	S	105	QA	ZG	0.00	570.00	1.45	570.00
0	1094	1093	S	105	QA	ZG	0.00	570.00	0.27	570.00	0	1049	1048	S	106	QA	ZG	0.00	757.50	0.75	757.50
0	1049	1048	S	107	QA	ZG	0.00	825.00	0.75	825.00	0	2048	-278	S	200	QA	ZG	0.00	505.00	1.47	505.00
0	2048	-278	S	201	QA	ZG	1.17	550.00	1.47	550.00	0	2048	-278	S	201	QA	ZG	0.00	240.00	1.17	240.00
0	1134	1133	S	102	QA	ZG	0.00	1005.00	1.45	1005.00	0	-208	1078	S	105	QA	ZG	0.00	570.00	1.20	570.00
0	-208	1078	S	106	QA	ZG	0.00	757.50	1.20	757.50	0	1048	1047	S	106	QA	ZG	0.00	757.50	0.90	757.50
0	1048	1047	S	107	QA	ZG	0.00	825.00	0.90	825.00	0	2050	2049	S	200	QA	ZG	0.00	505.00	0.75	505.00
0	2050	2049	S	201	QA	ZG	0.00	240.00	0.75	240.00	0	1095	1094	S	105	QA	ZG	0.00	570.00	1.45	570.00
0	2049	2048	S	200	QA	ZG	0.00	505.00	0.90	505.00	0	2049	2048	S	201	QA	ZG	0.00	240.00	0.90	240.00
0	-243	1134	S	102	QA	ZG	0.00	1005.00	1.05	1005.00	0	1096	1095	S	105	QA	ZG	0.00	570.00	0.27	570.00
0	-209	1079	S	106	QA	ZG	0.00	757.50	1.29	757.50	0	1135	-243	S	102	QA	ZG	0.00	1005.00	1.05	1005.00
0	1079	-208	S	105	QA	ZG	0.00	570.00	1.20	570.00	0	1079	-208	S	106	QA	ZG	0.00	757.50	1.20	757.50
0	2078	2077	S	200	QA	ZG	0.00	505.00	0.70	505.00	0	2079	2078	S	200	QA	ZG	0.00	505.00	0.95	505.00
0	2080	2079	S	200	QA	ZG	0.00	505.00	2.40	505.00	0	1097	1096	S	105	QA	ZG	0.00	570.00	1.45	570.00
0	1098	1097	S	105	QA	ZG	0.00	570.00	0.27	570.00	0	-210	-209	S	106	QA	ZG	0.00	757.50	1.29	757.50
0	1099	1098	S	105	QA	ZG	0.00	570.00	1.45	570.00	0	1080	-210	S	106	QA	ZG	0.00	757.50	1.29	757.50
0	-293	-292	S	200	QA	ZG	0.00	505.00	1.29	505.00	0	1100	1099	S	105	QA	ZG	0.00	570.00	1.15	570.00
0	-292	2080	S	200	QA	ZG	0.00	505.00	1.29	505.00	0	2081	-293	S	200	QA	ZG	0.00	505.00	1.29	505.00

Condizione di carico n. 4: Variabili Neve
Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	-247	2009	S	205	QA2	ZG	0.00	426.00	1.07	426.00	0	-250	-247	S	205	QA2	ZG	0.00	426.00	0.13	426.00
0	-250	-247	S	205	QA2	ZG	0.13	426.00	1.07	426.00	0	2026	-250	S	205	QA2	ZG	0.00	426.00	0.05	426.00
0	2026	-250	S	205	QA2	ZG	0.05	426.00	1.07	426.00	0	2034	2026	S	205	QA2	ZG	0.00	426.00	2.60	426.00
0	-265	2034	S	205	QA2	ZG	0.00	426.00	1.03	426.00	0	-270	-265	S	205	QA2	ZG	0.00	426.00	1.03	426.00
0	2042	-270	S	205	QA2	ZG	0.00	426.00	1.03	426.00	0	2010	2011	S	205	QA2	ZG	0.00	426.00	0.85	426.00
0	-249	2025	S	205	QA2	ZG	0.00	426.00	0.13	426.00	0	-249	2025	S	206	QA2	ZG	0.00	408.00	1.15	408.00
0	-249	2025	S	205	QA2	ZG	0.13	426.00	1.15	426.00	0	2011	-249	S	205	QA2	ZG	0.00	426.00	0.22	426.00
0	2011	-249	S	206	QA2	ZG	1.05	408.00	1.15	408.00	0	2011	-249	S	206	QA2	ZG	0.00	408.00	1.05	408.00
0	2011	-249	S	205	QA2	ZG	0.22	426.00	1.15	426.00	0	2051	2043	S	205	QA2	ZG	0.00	426.00	0.95	426.00
0	2056	2051	S	205	QA2	ZG	0.00	426.00	1.45	426.00	0	2057	2056	S	205	QA2	ZG	0.00	426.00	0.75	426.00
0	2025	2027	S	205	QA2	ZG	0.00	426.00	0.85	426.00	0	2025	2027	S	206	QA2	ZG	0.00	408.00	0.85	408.00
0	2027	-260	S	205	QA2	ZG	0.00	426.00	1.40	426.00	0	2027	-260	S	206	QA2	ZG	0.00	408.00	1.40	408.00
0	-260	-264	S	205	QA2	ZG	0.00	426.00	1.40	426.00	0	-260	-264	S	206	QA2	ZG	0.00	408.00	1.40	408.00
0	-264	2039	S	205	QA2	ZG	0.00	426.00	1.40	426.00	0	-264	2039	S	206	QA2	ZG	0.00	408.00	1.40	408.00
0	2083	-288	S	204	QA2	ZG	0.00	426.00	1.18	426.00	0	2043	2042	S	205	QA2	ZG	0.00	426.00	1.45	426.00
0	2086	2083	S	204	QA2	ZG	0.00	426.00	1.50	426.00	0	2039	2052	S	205	QA2	ZG	0.00	426.00	3.65	426.00
0	2039	2052	S	206	QA2	ZG	0.00	408.00	3.65	408.00	0	2088	2086	S	204	QA2	ZG	0.00	426.00	0.90	426.00
0	2012	2018	S	206	QA2	ZG	0.00	408.00	1.05	408.00	0	2012	2018	S	207	QA2	ZG	0.00	408.00	1.05	408.00
0	2018	2024	S	206	QA2	ZG	0.00	408.00	1.15	408.00	0	2018	2024	S	207	QA2	ZG	0.00	408.00	1.15	408.00
0	-288	2057	S	204	QA2	ZG	0.00	426.00	1.18	426.00	0	2102	2088	S	204	QA2	ZG	0.00	426.00	1.50	426.00
0	-283	2060	S	205	QA2	ZG	0.00	426.00	0.82	426.00	0	-283	2060	S	206	QA2	ZG	0.00	408.00	0.82	408.00
0	2105	2102	S	204	QA2	ZG	0.00	426.00	1.10	426.00	0	2052	-283	S	205	QA2	ZG	0.00	426.00	0.82	426.00
0	2052	-283	S	206	QA2	ZG	0.00	408.00	0.82	408.00	0	2024	2035	S	206	QA2	ZG	0.00	408.00	3.50	408.00
0	2024	2035	S	207	QA2	ZG	1.95	408.00	3.50	408.00	0	2024	2035	S	207	QA2	ZG	0.00	408.00	1.95	408.00
0	2035	-268	S	206	QA2	ZG	0.00	408.00	0.82	408.00	0	2035	-268	S	207	QA2	ZG	0.00	408.00	0.82	408.00
0	-268	2040	S	206	QA2	ZG	0.00	408.00	0.82	408.00	0	-268	2040	S	207	QA2	ZG	0.00	408.00	0.82	408.00
0	-302	2105	S	203	QA2	ZG	0.00	402.00	1.27	402.00	0	2060	2082	S	204	QA2	ZG	0.00	426.00	2.30	426.00
0	2082	-296	S	204	QA2	ZG	0.00	426.00	1.26	426.00	0	2015	2029	S	207	QA2	ZG	0.00	408.00	1.05	408.00
0	2015	2029	S	208	QA2	ZG	1.08	387.00	4.15	387.00	0	2015	2029	S	208	QA2	ZG	0.00	387.00	1.08	387.00
0	2015	2029	S	207	QA2	ZG	2.20	408.00	4.15	408.00	0	2015	2029	S	207	QA2	ZG	1.05	408.00	2.20	408.00
0	-303	-302	S	203	QA2	ZG	0.00	402.00	1.27	402.00	0	-304	-303	S	203	QA2	ZG	0.00	402.00	1.27	402.00
0	2106	-304	S	203	QA2	ZG	0.00	402.00	1.27	402.00	0	2040	2053	S	206	QA2	ZG	0.00	408.00	3.65	408.00
0	2040	2053	S	207	QA2	ZG	0.00	408.00	3.65	408.00	0	-296	-299	S	204	QA2	ZG	0.00	426.00	1.26	426.00
0	2053	-284	S	206	QA2	ZG	0.00	408.00	0.82	408.00	0	2053	-284	S	207	QA2	ZG	0.00	408.00	0.82	408.00
0	-284	2063	S	206	QA2	ZG	0.00	408.00	0.82	408.00	0	-284	2063	S	207	QA2	ZG	0.00	408.00	0.82	408.00
0	2107	2106	S	203	QA2	ZG	0.00	402.00	1.00	402.00	0	-299	-301	S	204	QA2	ZG	0.00	426.00	1.26	426.00
0	2108	2109	S	203	QA2	ZG	0.00	402.00	1.55	402.00	0	-301	2108	S	204	QA2	ZG	0.00	426.00	1.26	426.00



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0	-248	2017	S	208	QA2	ZG	0.00	387.00	1.08	387.00	0	-272	-274	S	207	QA2	ZG	0.00	408.00	1.34	408.00
0	-272	-274	S	208	QA2	ZG	0.00	387.00	1.34	387.00	0	2121	2120	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	2121	2120	S	203	QA2	ZG	2.73	402.00	3.00	402.00	0	02121	2120	S	203	QA2	ZG	1.45	402.00	2.73	402.00
0	2120	2119	S	203	QA2	ZG	0.00	402.00	1.00	402.00	0	02036	-272	S	207	QA2	ZG	0.00	408.00	1.34	408.00
0	2036	-272	S	208	QA2	ZG	0.00	387.00	1.34	387.00	0	02108	2107	S	203	QA2	ZG	0.00	402.00	1.00	402.00
0	2109	2110	S	203	QA2	ZG	0.00	402.00	0.90	402.00	0	03005	3006	S	300	QA2	ZG	0.00	330.00	1.15	330.00
0	3005	3006	S	301	QA2	ZG	0.00	180.00	1.15	180.00	0	02029	2036	S	207	QA2	ZG	0.00	408.00	1.80	408.00
0	2029	2036	S	208	QA2	ZG	0.00	387.00	1.80	387.00	0	0-274	-279	S	207	QA2	ZG	0.00	408.00	1.34	408.00
0	-274	-279	S	208	QA2	ZG	0.00	387.00	1.34	387.00	0	02111	2112	S	203	QA2	ZG	0.00	402.00	0.95	402.00
0	3004	3005	S	300	QA2	ZG	0.00	330.00	1.80	330.00	0	03004	3005	S	301	QA2	ZG	0.00	180.00	1.80	180.00
0	3006	3007	S	300	QA2	ZG	0.00	330.00	1.45	330.00	0	03006	3007	S	301	QA2	ZG	0.00	180.00	1.45	180.00
0	2028	-251	S	208	QA2	ZG	0.00	387.00	1.08	387.00	0	02123	2122	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	-251	-248	S	208	QA2	ZG	0.00	387.00	1.08	387.00	0	03012	3004	S	302	QA2	ZG	0.00	180.00	1.35	180.00
0	3018	-320	S	302	QA2	ZG	0.00	180.00	1.08	180.00	0	02110	2111	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	2030	2028	S	208	QA2	ZG	0.00	387.00	0.90	387.00	0	0-263	2030	S	208	QA2	ZG	0.00	387.00	1.38	387.00
0	-320	-319	S	302	QA2	ZG	0.00	180.00	1.08	180.00	0	03019	3018	S	302	QA2	ZG	0.00	180.00	0.90	180.00
0	3008	3009	S	300	QA2	ZG	0.00	330.00	1.45	330.00	0	03008	3009	S	301	QA2	ZG	0.00	180.00	1.45	180.00
0	2112	2113	S	203	QA2	ZG	0.00	402.00	1.45	402.00	0	02066	2069	S	208	QA2	ZG	0.00	387.00	1.44	387.00
0	-319	3012	S	302	QA2	ZG	0.00	180.00	1.08	180.00	0	0-331	3019	S	302	QA2	ZG	0.00	180.00	1.38	180.00
0	-279	-282	S	207	QA2	ZG	0.00	408.00	1.34	408.00	0	0-279	-282	S	208	QA2	ZG	0.00	387.00	1.34	387.00
0	2124	2123	S	203	QA2	ZG	0.00	402.00	0.70	402.00	0	02122	2121	S	203	QA2	ZG	0.00	402.00	0.95	402.00
0	-334	-331	S	302	QA2	ZG	0.00	180.00	1.38	180.00	0	02125	2124	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	3007	3008	S	300	QA2	ZG	0.00	330.00	1.20	330.00	0	03007	3008	S	301	QA2	ZG	0.00	180.00	1.20	180.00
0	-269	-263	S	208	QA2	ZG	0.00	387.00	1.38	387.00	0	03009	3010	S	300	QA2	ZG	0.00	330.00	1.20	330.00
0	3009	3010	S	301	QA2	ZG	0.00	180.00	1.20	180.00	0	0-305	-306	S	203	QA2	ZG	0.00	402.00	1.46	402.00
0	2113	-305	S	203	QA2	ZG	0.00	402.00	1.46	402.00	0	02069	2070	S	208	QA2	ZG	0.00	387.00	0.61	387.00
0	2127	2126	S	203	QA2	ZG	0.00	402.00	1.45	402.00	0	03019	3020	S	300	QA2	ZG	0.00	330.00	1.15	330.00
0	3019	3020	S	304	QA2	ZG	0.00	330.00	1.15	330.00	0	03020	-322	S	300	QA2	ZG	0.00	330.00	0.76	330.00
0	3020	-322	S	304	QA2	ZG	0.00	330.00	0.76	330.00	0	0-307	-308	S	203	QA2	ZG	0.00	402.00	1.46	402.00
0	-273	-269	S	208	QA2	ZG	0.00	387.00	1.38	387.00	0	03010	3011	S	300	QA2	ZG	0.00	330.00	1.45	330.00
0	3010	3011	S	301	QA2	ZG	0.00	180.00	1.75	180.00	0	03010	3011	S	300	QA2	ZG	1.45	330.00	1.75	171.00
0	-282	2066	S	207	QA2	ZG	0.00	408.00	1.34	408.00	0	0-282	2066	S	208	QA2	ZG	0.00	387.00	1.34	387.00
0	2126	2125	S	203	QA2	ZG	0.00	402.00	0.95	402.00	0	0-306	-307	S	203	QA2	ZG	0.00	402.00	1.46	402.00
0	-345	2044	S	208	QA2	ZG	0.00	387.00	0.05	387.00	0	03021	-323	S	300	QA2	ZG	0.00	330.00	0.70	330.00
0	3021	-323	S	304	QA2	ZG	0.00	330.00	0.70	330.00	0	02055	-281	S	208	QA2	ZG	0.00	387.00	1.00	387.00
0	-336	-334	S	302	QA2	ZG	0.00	180.00	1.38	180.00	0	02128	2127	S	203	QA2	ZG	0.00	402.00	1.05	402.00
0	2085	2103	S	211	QA2	ZG	0.00	150.00	3.15	150.00	0	03027	-336	S	302	QA2	ZG	0.00	180.00	1.38	180.00
0	2129	2128	S	203	QA2	ZG	0.00	402.00	1.45	402.00	0	0-308	2114	S	203	QA2	ZG	0.00	402.00	1.46	402.00
0	2072	-294	S	210	QA2	ZG	0.00	237.00	1.27	237.00	0	02072	-294	S	211	QA2	ZG	0.00	150.00	1.27	150.00
0	2070	2085	S	211	QA2	ZG	0.00	150.00	1.30	150.00	0	0-294	-297	S	210	QA2	ZG	0.00	237.00	1.27	237.00
0	-294	-297	S	211	QA2	ZG	0.00	150.00	1.27	150.00	0	02103	2114	S	211	QA2	ZG	0.00	150.00	0.85	150.00
0	2044	-273	S	208	QA2	ZG	0.00	387.00	1.38	387.00	0	0-325	-326	S	300	QA2	ZG	0.00	330.00	1.41	330.00
0	-325	-326	S	304	QA2	ZG	0.00	330.00	1.41	330.00	0	0-324	-325	S	300	QA2	ZG	0.00	330.00	1.41	330.00
0	-324	-325	S	304	QA2	ZG	0.00	330.00	1.41	330.00	0	0-281	-345	S	208	QA2	ZG	0.00	387.00	0.95	387.00
0	2068	2055	S	208	QA2	ZG	0.00	387.00	1.50	387.00	0	0-322	3021	S	300	QA2	ZG	0.00	330.00	0.76	330.00
0	-322	3021	S	304	QA2	ZG	0.00	330.00	0.76	330.00	0	02132	2131	S	203	QA2	ZG	0.00	402.00	0.60	402.00
0	-323	-324	S	300	QA2	ZG	0.00	330.00	0.70	330.00	0	0-323	-324	S	304	QA2	ZG	0.00	330.00	0.70	330.00
0	-337	3027	S	303	QA2	ZG	0.00	180.00	1.27	180.00	0	0-337	3027	S	304	QA2	ZG	0.00	330.00	1.27	330.00
0	-338	-337	S	303	QA2	ZG	0.00	180.00	1.27	180.00	0	0-338	-337	S	304	QA2	ZG	0.00	330.00	1.27	330.00
0	-290	2068	S	208	QA2	ZG	0.00	387.00	0.78	387.00	0	0-297	2089	S	210	QA2	ZG	0.00	237.00	1.27	237.00
0	-297	2089	S	211	QA2	ZG	0.00	150.00	1.27	150.00	0	0-327	3022	S	300	QA2	ZG	0.00	330.00	1.41	330.00
0	-327	3022	S	304	QA2	ZG	0.00	330.00	1.41	330.00	0	0-316	2129	S	203	QA2	ZG	0.00	402.00	1.05	402.00
0	2075	-290	S	208	QA2	ZG	0.00	387.00	0.78	387.00	0	03016	-321	S	305	QA2	ZG	0.00	151.20	1.32	160.20
0	3016	-321	S	306	QA2	ZG	0.00	180.00	1.32	180.00	0	02131	2130	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	3013	3022	S	300	QA2	ZG	0.00	19.24	2.67	37.12	0	03013	3022	S	305	QA2	ZG	0.00	150.24	2.67	168.13
0	3029	3028	S	303	QA2	ZG	0.00	180.00	1.45	180.00	0	03029	3028	S	304	QA2	ZG	0.00	330.00	1.45	330.00
0	2114	2115	S	203	QA2	ZG	0.00	402.00	2.50	402.00	0	03030	3029	S	303	QA2	ZG	0.00	180.00	1.50	180.00
0	3030	3029	S	304	QA2	ZG	0.00	330.00	1.50	330.00	0	0-298	-295	S	209	QA2	ZG	0.00	519.00	1.27	519.00
0	-298	-295	S	210	QA2	ZG	0.00	237.00	1.27	237.00	0	02089	2104	S	211	QA2	ZG	0.00	150.00	1.12	150.00
0	-326	-327	S	300	QA2	ZG	0.00	330.00	1.41	330.00	0	0-326	-327	S	304	QA2	ZG	0.00	330.00	1.41	330.00
0	-321	-328	S	305	QA2	ZG	0.00	160.20	1.32	169.20	0	0-321	-328	S	306	QA2	ZG	0.00	180.00	1.32	180.00
0	-329	3022	S	305	QA2	ZG	0.00	169.20	1.03	169.20	0	03028	-338	S	303	QA2	ZG	0.00	180.00	0.97	180.00
0	3028	-338	S	304	QA2	ZG	0.00	330.00	0.97	330.00	0	0-332	-329	S	305	QA2	ZG	0.00	169.20	1.03	169.20
0	-354	2115	S	211	QA2	ZG	0.00	150.00	0.05	150.00	0	02134	2133	S	203	QA2	ZG	0.00	402.00	0.60	402.00
0	-328	-330	S	305	QA2	ZG	0.00	169.20	1.03	169.20	0	0-328	-330	S	306	QA2	ZG	0.00	180.00	1.03	180.00
0	-295	2075	S	209	QA2	ZG	0.00	519.00	1.27	519.00	0	0-295	2075	S	210	QA2	ZG	0.00	237.00	1.27	237.00
0	2104	-354	S	211	QA2																



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0	-335	3023	S	304	QA2	ZG	0.00	144.00	1.41	144.00	0	2135	2134	S	203	QA2	ZG	0.00	402.00	1.45	402.00
0	-340	-339	S	303	QA2	ZG	0.00	180.00	1.47	180.00	0	-340	-339	S	304	QA2	ZG	0.00	330.00	1.47	330.00
0	-317	2135	S	203	QA2	ZG	0.00	402.00	1.05	402.00	0	-333	3024	S	305	QA2	ZG	0.00	169.20	1.03	169.20
0	-333	3024	S	306	QA2	ZG	0.00	180.00	1.03	180.00	0	-330	-333	S	305	QA2	ZG	0.00	169.20	1.03	169.20
0	-330	-333	S	306	QA2	ZG	0.00	180.00	1.03	180.00	0	3024	3025	S	306	QA2	ZG	0.00	180.00	0.33	180.00
0	3032	3031	S	303	QA2	ZG	0.00	180.00	0.90	180.00	0	3032	3031	S	304	QA2	ZG	0.00	144.00	0.90	144.00
0	3025	3033	S	306	QA2	ZG	0.00	180.00	2.08	180.00	0	3033	3032	S	303	QA2	ZG	0.00	180.00	0.75	180.00
0	3033	3032	S	304	QA2	ZG	0.00	144.00	0.75	144.00	0	2136	-317	S	203	QA2	ZG	0.00	402.00	1.05	402.00
0	3024	-335	S	304	QA2	ZG	0.00	144.00	1.41	144.00	0	3031	-340	S	303	QA2	ZG	0.00	180.00	1.47	180.00
0	3031	-340	S	304	QA2	ZG	1.17	330.00	1.47	330.00	0	3031	-340	S	304	QA2	ZG	0.00	144.00	1.17	144.00
0	2084	2087	S	209	QA2	ZG	0.00	519.00	1.00	519.00	0	2080	2084	S	209	QA2	ZG	0.00	519.00	0.80	519.00
0	2087	-300	S	209	QA2	ZG	0.00	519.00	1.00	519.00	0	-300	2101	S	209	QA2	ZG	0.00	519.00	1.00	519.00

Elenco carichi elementi bidimensionali

Elenco peso proprio elementi bidimensionali

Simbologia

Comm. = Commento
Mat. = Materiale
P = Peso specifico
PQ = Peso specifico per unità di superficie
Spess. = Spessore
Tb = Numero del tipo muro/elemento bidimensionale

Tb	Comm.	Spess. <cm>	Mat.	P <daN/mc>	PQ <daN/mq>
1	Muratura in Laterizi Forati Pesanti Sp.25	25.00	Muratura 1	1800.00	450.00
2	Muratura in Laterizi Forati Pesanti Sp.25	25.00	Muratura 1	1800.00	450.00
3	Muratura in Laterizio Porizzato Sp.25	25.00	Muratura 2	1800.00	450.00
4	Pareti Cantinato	25.00	Calcestruzzo classe C20/25	2500.00	625.00
5	Muratura in Laterizi Forati Pesanti Sp.25 Con Intonaco Armato	30.00	Muratura 1	1800.00	540.00

Risultati del calcolo

Parametri di calcolo

La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:

ModeSt ver. 8.25, licenza n. 6495, prodotto da Tecnisoft s.a.s. - Prato

La struttura è stata calcolata utilizzando come solutore agli elementi finiti:

Xfinest ver. 9.2.0, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18

Tipo di calcolo: statico

Vincoli esterni: Considera sempre vincoli assegnati in modellazione

Schematizzazione piani rigidi: controventatura solai

Modalità di recupero masse secondarie: trasferire le masse

- All'impalcato più vicino in assoluto: No

- Anche sui nodi degli impalcati non rigidi: No

- Modificare coordinate baricentro impalcati rigidi: XY

Generazione combinazioni

- Lineari: Sì

- Valuta spostamenti e non sollecitazioni: No

- Buckling: No

Opzioni di calcolo

- Sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali con una riduzione del 20%

- Calcolo con offset rigidi dai nodi: No

- Uniformare i carichi variabili: No

- Massimizzare i carichi variabili: No

- Recupero carichi zone rigide: taglio e momento flettente

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46

- Calcolo sforzo nei nodi: No

- Trascura deformabilità a taglio delle aste: No

- Analisi dinamica con metodo di Lanczos: Sì

- Check sequenza di Sturm: Sì



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
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- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No

Dati struttura

- Tipo di opera: Opera ordinaria
- Vita nominale V_N : 50.00
- Classe d'uso: Classe III
- Forze orizzontali convenzionali per stati limite non sismici: No
- Genera stati limite per verifiche di resistenza al fuoco: No

Ambienti di carico

Simbologia

N = Numero

Comm. = Commento

1=Permanenti Strutturali

2=Permanenti Non Strutturali

3=Variabili

4=Variabili Neve

F = azioni orizzontali convenzionali

SLU = Stato limite ultimo

SLR = Stato limite per combinazioni rare

SLF = Stato limite per combinazioni frequenti

SLQ/D = Stato limite per combinazioni quasi permanenti o di danno

S = Sì

N = No

N	Comm.	1	2	3	4	SLU	SLR	SLF	SLQ
1	Calcolo statico	S	S	S	S	S	N	N	N

Elenco combinazioni di carico simboliche

Simbologia

CC = Numero della combinazione delle condizioni di carico elementari

Comm. = Commento

TCC = Tipo di combinazione di carico

SLU = Stato limite ultimo

SLE R = Stato limite d'esercizio, combinazione rara

CC	Comm.	TCC	1	2	3	4
1	Amb. 1 (SLU)	SLU	γ_{max}	γ_{max}	$\psi_0 \cdot \gamma_{max}$	γ_{max}
2	Amb. 1 (SLU)	SLU	γ_{max}	γ_{max}	γ_{max}	$\psi_0 \cdot \gamma_{max}$
3	Amb. 1 (SLE R)	SLE R	1	1	ψ_0	1
4	Amb. 1 (SLE R)	SLE R	1	1	1	ψ_0

Genera le combinazioni con un solo carico di tipo variabile come di base: Sì

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle CCE

Simbologia

An. = Tipo di analisi

L = Lineare

NL = Non lineare

Bk = Buckling

S = Sì

N = No

CC = Numero della combinazione delle condizioni di carico elementari

Comm. = Commento

TCC = Tipo di combinazione di carico

SLU = Stato limite ultimo

SLE R = Stato limite d'esercizio, combinazione rara

CC	Comm.	TCC	An.	Bk	1	2	3	4
1	Amb. 1 (SLU)	SLU	L	N	1.30	1.50	1.05	1.50
2	Amb. 1 (SLU)	SLU	L	N	1.30	1.50	1.50	0.75
3	Amb. 1 (SLE R)	SLE R	L	N	1.00	1.00	0.70	1.00
4	Amb. 1 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.50



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Spostamenti dei nodi

Simbologia

CC = Numero della combinazione delle condizioni di carico elementari
Nodo = Numero del nodo
Rx = Rotazione intorno all'asse X
Ry = Rotazione intorno all'asse Y
Rz = Rotazione intorno all'asse Z
Sx = Spostamento in dir. X
Sy = Spostamento in dir. Y
Sz = Spostamento in dir. Z
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara

I valori degli spostamenti nodali per CC di tipo sismico sono amplificati come da normativa

Nodo		Sx <cm>	CC	TCC	Sy <cm>	CC	TCC	Sz <cm>	CC	TCC	Rx <rad>	CC	TCC	Ry <rad>	CC	TCC	Rz <rad>	CC	TCC
-354	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.00	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
-354	Min.	-0.00	1	SLU	-0.00	1	SLU	-0.01	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
-353	Max	0.00	3	SLE R	0.00	3	SLE R	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU
-353	Min.	0.00	2	SLU	0.00	2	SLU	0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R
-350	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
-350	Min.	-0.00	1	SLU	-0.00	1	SLU	-0.01	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
-349	Max	0.00	3	SLE R	0.00	3	SLE R	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU
-349	Min.	0.00	2	SLU	0.00	2	SLU	-0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R
-348	Max	0.00	3	SLE R	0.00	3	SLE R	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU
-348	Min.	0.00	2	SLU	0.00	2	SLU	0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R
-345	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	4	SLE R	0.00	2	SLU	0.00	4	SLE R
-345	Min.	-0.00	1	SLU	-0.00	1	SLU	-0.04	1	SLU	0.00	1	SLU	0.00	3	SLE R	0.00	1	SLU
-344	Max	0.00	3	SLE R	0.00	3	SLE R	-0.00	3	SLE R	0.00	2	SLU	0.00	4	SLE R	0.00	2	SLU
-344	Min.	0.00	2	SLU	0.00	2	SLU	-0.00	2	SLU	0.00	3	SLE R	0.00	1	SLU	0.00	3	SLE R
-342	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
-342	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.03	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
-341	Max	0.00	3	SLE R	0.00	3	SLE R	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU
-341	Min.	0.00	2	SLU	0.00	2	SLU	-0.00	2	SLU	0.00	3	SLE R	0.00	2	SLU	0.00	3	SLE R
-340	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.04	4	SLE R	0.00	3	SLE R	0.00	4	SLE R	0.00	4	SLE R
-340	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.06	1	SLU	0.00	2	SLU	0.00	1	SLU	0.00	1	SLU
-339	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.05	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	4	SLE R
-339	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.07	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU
-338	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.08	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
-338	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.11	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
-337	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.05	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	4	SLE R
-337	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.08	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU
-336	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	4	SLE R
-336	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU
-335	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
-335	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.04	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
-334	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	4	SLE R
-334	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU
-333	Max	-0.00	4	SLE R	-0.01	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
-333	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.03	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
-332	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
-332	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.04	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
-331	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	4	SLE R
-331	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU
-330	Max	-0.00	4	SLE R	-0.01	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
-330	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.03	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
-329	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
-329	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
-328	Max	-0.00	4	SLE R	-0.01	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
-328	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.03	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
-327	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.04	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
-327	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
-326	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.05	4	SLE R	0.00	1	SLU	0.00	1	SLU	0.00	4	SLE R
-326	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.07	1	SLU	0.00	4	SLE R	0.00	4	SLE R	0.00	1	SLU
-325	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.05	4	SLE R	0.00	1	SLU	0.00	1	SLU	0.00	4	SLE R
-325	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.07	1	SLU	0.00	4	SLE R	0.00	4	SLE R	0.00	1	SLU
-324	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.05	4	SLE R	0.00	1	SLU	0.00	1	SLU	0.00	4	SLE R
-324	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.07	1	SLU	0.00	4	SLE R	0.00	4	SLE R	0.00	1	SLU



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-323Max	-0.00	4SLE R	-0.00	4SLE R	-0.06	4SLE R	0.00	1SLU	0.00	2SLU	0.00	4SLE R
-323Min.	-0.00	1SLU	-0.01	1SLU	-0.09	1SLU	0.00	4SLE R	0.00	3SLE R	0.00	1SLU
-322Max	-0.00	4SLE R	-0.00	4SLE R	-0.06	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	4SLE R
-322Min.	-0.00	1SLU	-0.01	1SLU	-0.09	1SLU	0.00	2SLU	0.00	4SLE R	0.00	1SLU
-321Max	-0.00	4SLE R	-0.01	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-321Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-320Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	4SLE R
-320Min.	-0.00	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	4SLE R	0.00	1SLU
-319Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	4SLE R
-319Min.	-0.00	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	4SLE R	0.00	1SLU
-318Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-318Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-317Max	0.00	3SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-317Min.	0.00	2SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-316Max	0.00	3SLE R	0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
-316Min.	0.00	2SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-315Max	0.00	3SLE R	0.00	1SLU	-0.00	4SLE R	0.00	4SLE R	0.00	1SLU	0.00	4SLE R
-315Min.	0.00	2SLU	0.00	4SLE R	-0.01	1SLU	0.00	1SLU	0.00	4SLE R	0.00	1SLU
-314Max	0.00	3SLE R	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-314Min.	0.00	2SLU	-0.00	1SLU	-0.00	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-313Max	0.00	3SLE R	0.00	1SLU	-0.00	4SLE R	0.00	4SLE R	0.00	1SLU	0.00	4SLE R
-313Min.	0.00	2SLU	0.00	4SLE R	-0.00	1SLU	0.00	1SLU	0.00	4SLE R	0.00	1SLU
-312Max	0.00	3SLE R	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-312Min.	0.00	2SLU	-0.00	1SLU	-0.00	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-311Max	0.00	3SLE R	0.00	1SLU	-0.00	3SLE R	0.00	4SLE R	0.00	1SLU	0.00	4SLE R
-311Min.	-0.00	2SLU	0.00	4SLE R	-0.00	2SLU	0.00	1SLU	0.00	4SLE R	0.00	1SLU
-310Max	0.00	3SLE R	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-310Min.	-0.00	2SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-309Max	0.00	4SLE R	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-309Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-308Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-308Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-307Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-307Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-306Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-306Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-305Max	-0.00	4SLE R	0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-305Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-304Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-304Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-303Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-303Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-302Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-302Min.	-0.00	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-301Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-301Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-300Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-300Min.	-0.00	1SLU	-0.01	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-299Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-299Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-298Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-298Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-297Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-297Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-296Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-296Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-295Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-295Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-294Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-294Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-293Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-293Min.	-0.00	1SLU	-0.01	1SLU	-0.01	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-292Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-292Min.	-0.00	1SLU	-0.01	1SLU	-0.02	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-291Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-291Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-290Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-290Min.	-0.00	1SLU	-0.00	1SLU	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-289Max	-0.00	4SLE R	-0.00	4SLE R	-0.00	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-289Min.	-0.00	1SLU	-0.01	1SLU	-0.01	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU



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-288Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-288Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-287Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-287Min.	-0.00	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-286Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-286Min.	-0.00	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-285Max	-0.00	4SLE R	0.00	1SLU	-0.00	3SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-285Min.	-0.00	1SLU	0.00	4SLE R	-0.01	2SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-284Max	-0.00	4SLE R	0.00	4SLE R	-0.03	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-284Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-283Max	-0.00	4SLE R	0.00	1SLU	-0.03	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-283Min.	-0.00	1SLU	0.00	4SLE R	-0.05	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-282Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-282Min.	-0.00	1SLU	-0.00	1SLU	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-281Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-281Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-280Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
-280Min.	-0.00	1SLU	-0.01	1SLU	-0.01	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-279Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-279Min.	-0.00	1SLU	-0.00	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-278Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
-278Min.	-0.00	1SLU	-0.01	1SLU	-0.04	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-277Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
-277Min.	-0.00	1SLU	-0.01	1SLU	-0.05	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-276Max	-0.00	4SLE R	-0.00	4SLE R	-0.08	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
-276Min.	-0.00	1SLU	-0.00	1SLU	-0.11	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
-275Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-275Min.	-0.00	1SLU	-0.00	1SLU	-0.07	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-274Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-274Min.	-0.00	1SLU	-0.00	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-273Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-273Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-272Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
-272Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
-271Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-271Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-270Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-270Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-269Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-269Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-268Max	-0.00	4SLE R	0.00	4SLE R	-0.04	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-268Min.	-0.00	1SLU	-0.00	1SLU	-0.06	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-267Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-267Min.	-0.00	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-266Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-266Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-265Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-265Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-264Max	-0.00	4SLE R	0.00	1SLU	-0.03	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-264Min.	-0.00	1SLU	0.00	4SLE R	-0.04	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-263Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-263Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-262Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-262Min.	-0.00	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-261Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-261Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-260Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-260Min.	-0.01	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-259Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-259Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-258Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-258Min.	-0.01	1SLU	-0.01	1SLU	-0.04	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-257Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-257Min.	-0.01	1SLU	-0.01	1SLU	-0.04	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-256Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-256Min.	-0.01	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-255Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-255Min.	-0.01	1SLU	-0.00	1SLU	-0.05	2SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-254Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-254Min.	-0.01	1SLU	-0.00	1SLU	-0.05	2SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU



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-253Max	-0.00	4SLE R	-0.00	4SLE R	-0.06	3SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-253Min.	-0.01	1SLU	-0.00	1SLU	-0.09	2SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-252Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
-252Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
-251Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-251Min.	-0.01	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-250Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-250Min.	-0.01	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-249Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-249Min.	-0.01	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-248Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
-248Min.	-0.01	1SLU	-0.00	1SLU	-0.03	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
-247Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
-247Min.	-0.01	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
-246Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	2SLU	0.00	4SLE R	0.00	4SLE R
-246Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	3SLE R	0.00	1SLU	0.00	1SLU
-245Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-245Min.	-0.01	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-244Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
-244Min.	-0.01	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
-243Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-243Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-242Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-242Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-241Max	0.00	3SLE R	0.00	3SLE R	-0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-241Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-240Max	0.00	3SLE R	0.00	3SLE R	-0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-240Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-239Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-239Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-238Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-238Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-237Max	0.00	3SLE R	0.00	3SLE R	-0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-237Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-236Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-236Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-235Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-235Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-234Max	0.00	3SLE R	0.00	3SLE R	-0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-234Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-233Max	0.00	3SLE R	0.00	3SLE R	-0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-233Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-232Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-232Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-231Max	0.00	3SLE R	0.00	3SLE R	-0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-231Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-230Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-230Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-229Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-229Min.	0.00	2SLU	0.00	2SLU	0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-228Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-228Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-227Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-227Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-226Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-226Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-225Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-225Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-224Max	0.00	3SLE R	0.00	3SLE R	-0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-224Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-223Max	0.00	3SLE R	0.00	3SLE R	-0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-223Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-222Max	0.00	3SLE R	0.00	3SLE R	-0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-222Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-221Max	0.00	3SLE R	0.00	3SLE R	-0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-221Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-220Max	0.00	3SLE R	0.00	3SLE R	-0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-220Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R
-219Max	0.00	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	2SLU	0.00	3SLE R	0.00	2SLU
-219Min.	0.00	2SLU	0.00	2SLU	-0.00	2SLU	0.00	3SLE R	0.00	2SLU	0.00	3SLE R



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2015Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2015Min.	-0.01	1SLU	-0.00	1SLU	-0.07	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2016Max	-0.00	4SLE R	-0.00	4SLE R	0.02	1SLU	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2016Min.	-0.01	1SLU	-0.00	1SLU	0.01	4SLE R	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2017Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2017Min.	-0.01	1SLU	-0.00	1SLU	-0.03	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2018Max	-0.00	4SLE R	0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2018Min.	-0.01	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2019Max	-0.00	4SLE R	-0.00	4SLE R	-0.00	3SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2019Min.	-0.00	1SLU	-0.00	1SLU	-0.01	2SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2020Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	2SLU	0.00	4SLE R	0.00	4SLE R
2020Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	3SLE R	0.00	1SLU	0.00	1SLU
2021Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	2SLU	0.00	4SLE R	0.00	4SLE R
2021Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	3SLE R	0.00	1SLU	0.00	1SLU
2022Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2022Min.	-0.01	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2023Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2023Min.	-0.01	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2024Max	-0.00	4SLE R	0.00	4SLE R	-0.04	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2024Min.	-0.01	1SLU	-0.00	1SLU	-0.07	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2025Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2025Min.	-0.01	1SLU	0.00	4SLE R	-0.04	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2026Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2026Min.	-0.01	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2027Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2027Min.	-0.01	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2028Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2028Min.	-0.01	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2029Max	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2029Min.	-0.01	1SLU	-0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2030Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2030Min.	-0.01	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2031Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2031Min.	-0.01	1SLU	-0.00	1SLU	-0.07	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2032Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	3SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2032Min.	-0.01	1SLU	-0.00	1SLU	-0.06	2SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2033Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2033Min.	-0.01	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2034Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2034Min.	-0.01	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2035Max	-0.00	4SLE R	0.00	4SLE R	-0.04	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2035Min.	-0.00	1SLU	-0.00	1SLU	-0.06	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2036Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2036Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2037Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2037Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2038Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2038Min.	-0.00	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2039Max	-0.00	4SLE R	0.00	1SLU	-0.03	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2039Min.	-0.00	1SLU	0.00	4SLE R	-0.05	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2040Max	-0.00	4SLE R	0.00	4SLE R	-0.04	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2040Min.	-0.00	1SLU	-0.00	1SLU	-0.06	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2041Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	3SLE R	0.00	3SLE R	0.00	4SLE R
2041Min.	-0.00	1SLU	-0.01	1SLU	-0.02	1SLU	0.00	2SLU	0.00	2SLU	0.00	1SLU
2042Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2042Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2043Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2043Min.	-0.00	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2044Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2044Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2045Max	-0.00	4SLE R	-0.00	4SLE R	-0.07	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2045Min.	-0.00	1SLU	-0.00	1SLU	-0.09	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2046Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2046Min.	-0.00	1SLU	-0.01	1SLU	-0.06	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2047Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2047Min.	-0.00	1SLU	-0.01	1SLU	-0.05	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2048Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2048Min.	-0.00	1SLU	-0.01	1SLU	-0.04	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2049Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2049Min.	-0.00	1SLU	-0.01	1SLU	-0.03	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU



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2050	Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2050	Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2051	Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2051	Min.	-0.00	1SLU	0.00	4SLE R	-0.03	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2052	Max	-0.00	4SLE R	0.00	1SLU	-0.05	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2052	Min.	-0.00	1SLU	0.00	4SLE R	-0.08	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2053	Max	-0.00	4SLE R	0.00	4SLE R	-0.05	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2053	Min.	-0.00	1SLU	-0.00	1SLU	-0.08	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2054	Max	-0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2054	Min.	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2055	Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	4SLE R	0.00	2SLU	0.00	4SLE R
2055	Min.	-0.00	1SLU	-0.00	1SLU	-0.04	1SLU	0.00	1SLU	0.00	3SLE R	0.00	1SLU
2056	Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2056	Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2057	Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2057	Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2058	Max	-0.00	4SLE R	0.00	1SLU	-0.00	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2058	Min.	-0.00	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2059	Max	-0.00	4SLE R	0.00	1SLU	-0.00	3SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2059	Min.	-0.00	1SLU	0.00	4SLE R	-0.00	2SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2060	Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2060	Min.	-0.00	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2061	Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2061	Min.	-0.00	1SLU	0.00	4SLE R	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2062	Max	-0.00	4SLE R	0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2062	Min.	-0.00	1SLU	0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2063	Max	-0.00	4SLE R	0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2063	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2064	Max	-0.00	4SLE R	0.00	4SLE R	-0.00	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2064	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2065	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2065	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2066	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2066	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2067	Max	-0.00	4SLE R	-0.00	4SLE R	-0.00	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2067	Min.	-0.00	1SLU	-0.01	1SLU	-0.01	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2068	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2068	Min.	-0.00	1SLU	-0.00	1SLU	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2069	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2069	Min.	-0.00	1SLU	-0.00	1SLU	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2070	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2070	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2071	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2071	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2072	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2072	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2073	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2073	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2074	Max	-0.00	4SLE R	-0.00	4SLE R	-0.00	3SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2074	Min.	-0.00	1SLU	-0.00	1SLU	-0.01	2SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2075	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	4SLE R	0.00	1SLU	0.00	1SLU	0.00	4SLE R
2075	Min.	-0.00	1SLU	-0.00	1SLU	-0.02	1SLU	0.00	4SLE R	0.00	4SLE R	0.00	1SLU
2076	Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2076	Min.	-0.00	1SLU	-0.00	1SLU	-0.07	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2077	Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	3SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
2077	Min.	-0.00	1SLU	-0.01	1SLU	-0.03	2SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
2078	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	1SLU	0.00	2SLU	0.00	4SLE R
2078	Min.	-0.00	1SLU	-0.01	1SLU	-0.02	2SLU	0.00	4SLE R	0.00	3SLE R	0.00	1SLU
2079	Max	-0.00	4SLE R	-0.00	4SLE R	-0.02	3SLE R	0.00	1SLU	0.00	2SLU	0.00	4SLE R
2079	Min.	-0.00	1SLU	-0.01	1SLU	-0.03	2SLU	0.00	4SLE R	0.00	3SLE R	0.00	1SLU
2080	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2080	Min.	-0.00	1SLU	-0.01	1SLU	-0.02	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2081	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2081	Min.	-0.00	1SLU	-0.01	1SLU	-0.01	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2082	Max	-0.00	4SLE R	0.00	1SLU	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
2082	Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
2083	Max	-0.00	4SLE R	0.00	1SLU	-0.01	4SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2083	Min.	-0.00	1SLU	0.00	4SLE R	-0.02	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
2084	Max	-0.00	4SLE R	-0.00	4SLE R	-0.01	3SLE R	0.00	4SLE R	0.00	4SLE R	0.00	4SLE R
2084	Min.	-0.00	1SLU	-0.01	1SLU	-0.02	2SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU



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2085	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2085	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2086	Max	-0.00	4 SLE R	0.00	1 SLU	-0.02	4 SLE R	0.00	4 SLE R	0.00	4 SLE R	0.00	4 SLE R
2086	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.03	1 SLU	0.00	1 SLU	0.00	1 SLU	0.00	1 SLU
2087	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2087	Min.	-0.00	1 SLU	-0.01	1 SLU	-0.02	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2088	Max	-0.00	4 SLE R	0.00	1 SLU	-0.02	4 SLE R	0.00	4 SLE R	0.00	4 SLE R	0.00	4 SLE R
2088	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.03	1 SLU	0.00	1 SLU	0.00	1 SLU	0.00	1 SLU
2089	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2089	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2090	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2090	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2091	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2091	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2092	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2092	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2093	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2093	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2094	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2094	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2095	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2095	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2096	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2096	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2097	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2097	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2098	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2098	Min.	-0.00	1 SLU	-0.01	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2099	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	3 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2099	Min.	-0.00	1 SLU	-0.01	1 SLU	-0.00	2 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2100	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2100	Min.	-0.00	1 SLU	-0.01	1 SLU	-0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2101	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2101	Min.	-0.00	1 SLU	-0.01	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2102	Max	-0.00	4 SLE R	0.00	1 SLU	-0.02	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2102	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.03	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2103	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2103	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	2 SLU	0.00	1 SLU
2104	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2104	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2105	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2105	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.01	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2106	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2106	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.02	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2107	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2107	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.02	1 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2108	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2108	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.01	1 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2109	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	4 SLE R	0.00	4 SLE R	0.00	4 SLE R
2109	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.02	1 SLU	0.00	1 SLU	0.00	1 SLU	0.00	1 SLU
2110	Max	-0.00	4 SLE R	0.00	3 SLE R	-0.01	4 SLE R	0.00	4 SLE R	0.00	4 SLE R	0.00	4 SLE R
2110	Min.	-0.00	1 SLU	0.00	2 SLU	-0.02	1 SLU	0.00	1 SLU	0.00	1 SLU	0.00	1 SLU
2111	Max	-0.00	4 SLE R	0.00	3 SLE R	-0.01	4 SLE R	0.00	2 SLU	0.00	4 SLE R	0.00	4 SLE R
2111	Min.	-0.00	1 SLU	0.00	2 SLU	-0.02	1 SLU	0.00	3 SLE R	0.00	1 SLU	0.00	1 SLU
2112	Max	-0.00	4 SLE R	0.00	4 SLE R	-0.01	4 SLE R	0.00	2 SLU	0.00	4 SLE R	0.00	4 SLE R
2112	Min.	-0.00	1 SLU	0.00	1 SLU	-0.02	1 SLU	0.00	3 SLE R	0.00	1 SLU	0.00	1 SLU
2113	Max	-0.00	4 SLE R	0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2113	Min.	-0.00	1 SLU	0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	2 SLU	0.00	1 SLU
2114	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2114	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	2 SLU	0.00	1 SLU
2115	Max	-0.00	4 SLE R	-0.00	4 SLE R	-0.00	4 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2115	Min.	-0.00	1 SLU	-0.00	1 SLU	-0.01	1 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2116	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	1 SLU	0.00	1 SLU	0.00	4 SLE R
2116	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.01	1 SLU	0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU
2117	Max	-0.00	4 SLE R	0.00	1 SLU	-0.01	4 SLE R	0.00	1 SLU	0.00	4 SLE R	0.00	4 SLE R
2117	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.01	1 SLU	0.00	4 SLE R	0.00	1 SLU	0.00	1 SLU
2118	Max	0.00	4 SLE R	0.00	1 SLU	-0.00	3 SLE R	0.00	4 SLE R	0.00	1 SLU	0.00	4 SLE R
2118	Min.	-0.00	1 SLU	0.00	4 SLE R	-0.00	2 SLU	0.00	1 SLU	0.00	4 SLE R	0.00	1 SLU
2119	Max	0.00	3 SLE R	0.00	1 SLU	-0.00	4 SLE R	0.00	4 SLE R	0.00	1 SLU	0.00	4 SLE R
2119	Min.	0.00	2 SLU	0.00	4 SLE R	-0.01	1 SLU	0.00	1 SLU	0.00	4 SLE R	0.00	1 SLU



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2120	Max	0.00	3	SLE R	0.00	1	SLU	-0.01	4	SLE R	0.00	4	SLE R	0.00	1	SLU	0.00	4	SLE R
2120	Min.	0.00	2	SLU	0.00	4	SLE R	-0.02	1	SLU	0.00	1	SLU	0.00	4	SLE R	0.00	1	SLU
2121	Max	0.00	3	SLE R	0.00	1	SLU	-0.02	4	SLE R	0.00	4	SLE R	0.00	4	SLE R	0.00	4	SLE R
2121	Min.	0.00	2	SLU	0.00	4	SLE R	-0.03	1	SLU	0.00	1	SLU	0.00	2	SLU	0.00	1	SLU
2122	Max	0.00	3	SLE R	0.00	1	SLU	-0.01	4	SLE R	0.00	4	SLE R	0.00	4	SLE R	0.00	4	SLE R
2122	Min.	0.00	2	SLU	0.00	4	SLE R	-0.02	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
2123	Max	0.00	3	SLE R	0.00	1	SLU	-0.01	4	SLE R	0.00	4	SLE R	0.00	3	SLE R	0.00	4	SLE R
2123	Min.	0.00	2	SLU	0.00	4	SLE R	-0.02	1	SLU	0.00	1	SLU	0.00	2	SLU	0.00	1	SLU
2124	Max	0.00	3	SLE R	0.00	1	SLU	-0.01	4	SLE R	0.00	4	SLE R	0.00	3	SLE R	0.00	4	SLE R
2124	Min.	0.00	2	SLU	0.00	4	SLE R	-0.02	1	SLU	0.00	1	SLU	0.00	2	SLU	0.00	1	SLU
2125	Max	0.00	3	SLE R	0.00	1	SLU	-0.01	4	SLE R	0.00	4	SLE R	0.00	3	SLE R	0.00	4	SLE R
2125	Min.	0.00	2	SLU	0.00	4	SLE R	-0.02	1	SLU	0.00	1	SLU	0.00	2	SLU	0.00	1	SLU
2126	Max	0.00	3	SLE R	0.00	3	SLE R	-0.01	4	SLE R	0.00	4	SLE R	0.00	3	SLE R	0.00	4	SLE R
2126	Min.	0.00	2	SLU	0.00	2	SLU	-0.02	1	SLU	0.00	1	SLU	0.00	2	SLU	0.00	1	SLU
2127	Max	0.00	3	SLE R	0.00	3	SLE R	-0.01	4	SLE R	0.00	2	SLU	0.00	3	SLE R	0.00	4	SLE R
2127	Min.	0.00	2	SLU	0.00	2	SLU	-0.02	1	SLU	0.00	3	SLE R	0.00	2	SLU	0.00	1	SLU
2128	Max	0.00	3	SLE R	0.00	4	SLE R	-0.01	4	SLE R	0.00	2	SLU	0.00	3	SLE R	0.00	4	SLE R
2128	Min.	0.00	2	SLU	0.00	1	SLU	-0.02	1	SLU	0.00	3	SLE R	0.00	2	SLU	0.00	1	SLU
2129	Max	0.00	3	SLE R	0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
2129	Min.	0.00	2	SLU	0.00	1	SLU	-0.01	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
2130	Max	0.00	3	SLE R	0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
2130	Min.	0.00	2	SLU	-0.00	1	SLU	-0.01	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
2131	Max	0.00	3	SLE R	-0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
2131	Min.	0.00	2	SLU	-0.00	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
2132	Max	0.00	3	SLE R	-0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
2132	Min.	0.00	2	SLU	-0.00	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
2133	Max	0.00	3	SLE R	-0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
2133	Min.	0.00	2	SLU	-0.00	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
2134	Max	0.00	3	SLE R	-0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	3	SLE R	0.00	4	SLE R
2134	Min.	0.00	2	SLU	-0.00	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	2	SLU	0.00	1	SLU
2135	Max	0.00	3	SLE R	-0.00	4	SLE R	-0.01	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
2135	Min.	0.00	2	SLU	-0.00	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
2136	Max	0.00	3	SLE R	-0.00	4	SLE R	-0.00	3	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
2136	Min.	0.00	2	SLU	-0.00	1	SLU	-0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
3001	Max	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3001	Min.	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3002	Max	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3002	Min.	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3003	Max	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3003	Min.	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3004	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	4	SLE R
3004	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU
3005	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.05	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
3005	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.08	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
3006	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.05	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
3006	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.08	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
3007	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.05	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
3007	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.07	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
3008	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.05	4	SLE R	0.00	1	SLU	0.00	1	SLU	0.00	4	SLE R
3008	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.07	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU
3009	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.05	4	SLE R	0.00	1	SLU	0.00	1	SLU	0.00	4	SLE R
3009	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.07	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU
3010	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.05	4	SLE R	0.00	1	SLU	0.00	1	SLU	0.00	4	SLE R
3010	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.08	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU
3011	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
3011	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.03	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
3012	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	4	SLE R
3012	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU
3013	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
3013	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
3014	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
3014	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.02	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
3015	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
3015	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.04	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
3016	Max	-0.00	4	SLE R	-0.01	4	SLE R	-0.02	4	SLE R	0.00	1	SLU	0.00	4	SLE R	0.00	4	SLE R
3016	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.04	1	SLU	0.00	4	SLE R	0.00	1	SLU	0.00	1	SLU
3017	Max	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3017	Min.	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU	0.00	1	SLU
3018	Max	-0.00	4	SLE R	-0.00	4	SLE R	-0.03	4	SLE R	0.00	3	SLE R	0.00	1	SLU	0.00	4	SLE R
3018	Min.	-0.00	1	SLU	-0.01	1	SLU	-0.05	1	SLU	0.00	2	SLU	0.00	4	SLE R	0.00	1	SLU



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3019Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	4SLE R
3019Min.	-0.00	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	4SLE R	0.00	1SLU
3020Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	4SLE R
3020Min.	-0.00	1SLU	-0.01	1SLU	-0.07	1SLU	0.00	2SLU	0.00	4SLE R	0.00	1SLU
3021Max	-0.00	4SLE R	-0.00	4SLE R	-0.06	4SLE R	0.00	1SLU	0.00	2SLU	0.00	4SLE R
3021Min.	-0.00	1SLU	-0.01	1SLU	-0.09	1SLU	0.00	4SLE R	0.00	3SLE R	0.00	1SLU
3022Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
3022Min.	-0.00	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
3023Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
3023Min.	-0.00	1SLU	-0.01	1SLU	-0.04	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
3024Max	-0.00	4SLE R	-0.01	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
3024Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
3025Max	-0.00	4SLE R	-0.01	4SLE R	-0.02	4SLE R	0.00	1SLU	0.00	4SLE R	0.00	4SLE R
3025Min.	-0.00	1SLU	-0.01	1SLU	-0.03	1SLU	0.00	4SLE R	0.00	1SLU	0.00	1SLU
3026Max	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3026Min.	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3027Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	4SLE R
3027Min.	-0.00	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	4SLE R	0.00	1SLU
3028Max	-0.00	4SLE R	-0.00	4SLE R	-0.08	4SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
3028Min.	-0.00	1SLU	-0.01	1SLU	-0.11	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
3029Max	-0.00	4SLE R	-0.00	4SLE R	-0.07	4SLE R	0.00	1SLU	0.00	3SLE R	0.00	4SLE R
3029Min.	-0.00	1SLU	-0.01	1SLU	-0.10	1SLU	0.00	4SLE R	0.00	2SLU	0.00	1SLU
3030Max	-0.00	4SLE R	-0.00	4SLE R	-0.05	4SLE R	0.00	3SLE R	0.00	1SLU	0.00	4SLE R
3030Min.	-0.00	1SLU	-0.01	1SLU	-0.07	1SLU	0.00	2SLU	0.00	4SLE R	0.00	1SLU
3031Max	-0.00	4SLE R	-0.00	4SLE R	-0.04	4SLE R	0.00	3SLE R	0.00	4SLE R	0.00	4SLE R
3031Min.	-0.00	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	1SLU	0.00	1SLU
3032Max	-0.00	4SLE R	-0.00	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	4SLE R	0.00	4SLE R
3032Min.	-0.00	1SLU	-0.01	1SLU	-0.05	1SLU	0.00	2SLU	0.00	1SLU	0.00	1SLU
3033Max	-0.00	4SLE R	-0.01	4SLE R	-0.03	4SLE R	0.00	3SLE R	0.00	4SLE R	0.00	4SLE R
3033Min.	-0.00	1SLU	-0.01	1SLU	-0.04	1SLU	0.00	2SLU	0.00	1SLU	0.00	1SLU
3034Max	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3034Min.	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3035Max	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3035Min.	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3036Max	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU
3036Min.	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU	0.00	1SLU

Min = -0.11
Max = 0.02

Sollecitazioni muri

Simbologia

CC = Numero della combinazione delle condizioni di carico elementari
Muro = Muro
Mx = Momento flettente intorno all'asse X
N = Sforzo normale
Nodo = Numero del nodo
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLE R = Stato limite d'esercizio, combinazione rara
Tx = Taglio in dir. X
Ty = Taglio in dir. Y

Muro	Nodo	N <daN>	CC	TCC	Tx <daN/m>	CC	TCC	Mx <daNm>	CC	TCC	Ty <daN>	CC	TCC
192Max	-6	-5213.54	3SLE R		-5.86	3SLE R		-0.36	3SLE R		-0.10	4SLE R	
192Max	10	-5211.87	3SLE R		-5.86	3SLE R		-0.31	3SLE R		-0.16	3SLE R	
192Max	1010	-4222.73	3SLE R		-5.86	3SLE R		-0.66	3SLE R		-0.16	3SLE R	
192Max	-128	-4250.17	3SLE R		-5.86	3SLE R		-0.59	3SLE R		-0.10	4SLE R	
192Min.	-6	-7268.19	2SLU		-8.17	2SLU		-0.51	2SLU		-0.15	1SLU	
192Min.	10	-7266.08	2SLU		-8.17	2SLU		-0.44	2SLU		-0.22	2SLU	
192Min.	1010	-5978.99	2SLU		-8.17	2SLU		-0.93	2SLU		-0.22	2SLU	
192Min.	-128	-6017.03	2SLU		-8.17	2SLU		-0.83	2SLU		-0.15	1SLU	
192Max	-5	-5256.98	3SLE R		-6.07	3SLE R		-0.41	3SLE R		-0.05	4SLE R	
192Max	-6	-5255.46	3SLE R		-6.07	3SLE R		-0.36	3SLE R		-0.10	4SLE R	
192Max	-128	-4265.85	3SLE R		-6.07	3SLE R		-0.59	3SLE R		-0.10	4SLE R	
192Max	-127	-4294.09	3SLE R		-6.07	3SLE R		-0.52	3SLE R		-0.05	4SLE R	
192Min.	-5	-7328.08	2SLU		-8.46	2SLU		-0.57	2SLU		-0.08	1SLU	
192Min.	-6	-7326.17	2SLU		-8.46	2SLU		-0.51	2SLU		-0.15	1SLU	
192Min.	-128	-6038.43	2SLU		-8.46	2SLU		-0.83	2SLU		-0.15	1SLU	



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192Min.	-127	-6077.56	2SLU	-8.46	2SLU	-0.74	2SLU	-0.08	1SLU
192Max	9	-5397.06	3SLE R	-7.13	3SLE R	-0.55	3SLE R	0.14	2SLU
192Max	-3	-5396.23	3SLE R	-7.13	3SLE R	-0.50	3SLE R	0.07	2SLU
192Max	-125	-4404.31	3SLE R	-7.13	3SLE R	-0.39	3SLE R	0.07	2SLU
192Max	1009	-4436.48	3SLE R	-7.13	3SLE R	-0.32	3SLE R	0.14	2SLU
192Min.	9	-7521.21	2SLU	-9.92	2SLU	-0.77	2SLU	0.10	3SLE R
192Min.	-3	-7520.28	2SLU	-9.92	2SLU	-0.70	2SLU	0.05	3SLE R
192Min.	-125	-6229.33	2SLU	-9.92	2SLU	-0.55	2SLU	0.05	3SLE R
192Min.	1009	-6273.92	2SLU	-9.92	2SLU	-0.45	2SLU	0.10	3SLE R
192Max	-4	-5301.84	3SLE R	-6.38	3SLE R	-0.45	3SLE R	0.00	4SLE R
192Max	-5	-5300.53	3SLE R	-6.38	3SLE R	-0.41	3SLE R	-0.05	4SLE R
192Max	-127	-4310.23	3SLE R	-6.38	3SLE R	-0.52	3SLE R	-0.05	4SLE R
192Max	-126	-4339.64	3SLE R	-6.38	3SLE R	-0.45	3SLE R	0.00	4SLE R
192Min.	-4	-7389.91	2SLU	-8.89	2SLU	-0.64	2SLU	-0.01	1SLU
192Min.	-5	-7388.29	2SLU	-8.89	2SLU	-0.57	2SLU	-0.08	1SLU
192Min.	-127	-6099.60	2SLU	-8.89	2SLU	-0.74	2SLU	-0.08	1SLU
192Min.	-126	-6140.35	2SLU	-8.89	2SLU	-0.64	2SLU	-0.01	1SLU
192Max	-3	-5348.48	3SLE R	-6.75	3SLE R	-0.50	3SLE R	0.07	2SLU
192Max	-4	-5347.41	3SLE R	-6.75	3SLE R	-0.45	3SLE R	0.00	4SLE R
192Max	-126	-4356.31	3SLE R	-6.75	3SLE R	-0.45	3SLE R	0.00	4SLE R
192Max	-125	-4387.08	3SLE R	-6.75	3SLE R	-0.39	3SLE R	0.07	2SLU
192Min.	-3	-7454.21	2SLU	-9.40	2SLU	-0.70	2SLU	0.05	3SLE R
192Min.	-4	-7452.93	2SLU	-9.40	2SLU	-0.64	2SLU	-0.01	1SLU
192Min.	-126	-6163.12	2SLU	-9.40	2SLU	-0.64	2SLU	-0.01	1SLU
192Min.	-125	-6205.77	2SLU	-9.40	2SLU	-0.55	2SLU	0.05	3SLE R
193Max	-40	-4577.65	3SLE R	-0.05	3SLE R	-0.14	3SLE R	0.44	2SLU
193Max	-44	-4534.20	3SLE R	-0.05	3SLE R	-0.15	3SLE R	0.47	2SLU
193Max	-166	-3571.59	3SLE R	-0.05	3SLE R	0.83	2SLU	0.47	2SLU
193Max	-162	-3615.26	3SLE R	-0.05	3SLE R	0.77	2SLU	0.44	2SLU
193Min.	-40	-6372.69	2SLU	-0.80	2SLU	-0.19	2SLU	0.32	3SLE R
193Min.	-44	-6312.98	2SLU	-0.80	2SLU	-0.20	2SLU	0.34	3SLE R
193Min.	-166	-5059.97	2SLU	-0.80	2SLU	0.60	3SLE R	0.34	3SLE R
193Min.	-162	-5123.20	2SLU	-0.80	2SLU	0.56	3SLE R	0.32	3SLE R
193Max	-53	-3649.85	3SLE R	-3.85	3SLE R	-0.14	3SLE R	0.46	2SLU
193Max	-62	-3624.77	3SLE R	-3.85	3SLE R	-0.15	3SLE R	0.48	2SLU
193Max	-184	-2779.85	3SLE R	-3.85	3SLE R	0.86	2SLU	0.48	2SLU
193Max	-175	-2821.86	3SLE R	-3.85	3SLE R	0.81	2SLU	0.46	2SLU
193Min.	-53	-5075.34	2SLU	-5.49	2SLU	-0.20	2SLU	0.33	3SLE R
193Min.	-62	-5040.05	2SLU	-5.49	2SLU	-0.20	2SLU	0.35	3SLE R
193Min.	-184	-3940.58	2SLU	-5.49	2SLU	0.62	3SLE R	0.35	3SLE R
193Min.	-175	-4000.03	2SLU	-5.49	2SLU	0.59	3SLE R	0.33	3SLE R
193Max	-62	-3548.80	3SLE R	-3.94	3SLE R	-0.15	3SLE R	0.48	2SLU
193Max	51	-3523.81	3SLE R	-3.94	3SLE R	-0.15	3SLE R	0.50	2SLU
193Max	1051	-2678.68	3SLE R	-3.94	3SLE R	0.90	2SLU	0.50	2SLU
193Max	-184	-2721.02	3SLE R	-3.94	3SLE R	0.86	2SLU	0.48	2SLU
193Min.	-62	-4932.58	2SLU	-5.64	2SLU	-0.20	2SLU	0.35	3SLE R
193Min.	51	-4897.42	2SLU	-5.64	2SLU	-0.21	2SLU	0.37	3SLE R
193Min.	1051	-3797.62	2SLU	-5.64	2SLU	0.65	3SLE R	0.37	3SLE R
193Min.	-184	-3857.58	2SLU	-5.64	2SLU	0.62	3SLE R	0.35	3SLE R
193Max	26	-4707.66	3SLE R	0.19	1SLU	-0.13	3SLE R	0.41	2SLU
193Max	-40	-4664.06	3SLE R	0.19	1SLU	-0.14	3SLE R	0.44	2SLU
193Max	-162	-3701.87	3SLE R	0.19	1SLU	0.77	2SLU	0.44	2SLU
193Max	1026	-3744.85	3SLE R	0.19	1SLU	0.72	2SLU	0.41	2SLU
193Min.	26	-6556.11	2SLU	-0.52	2SLU	-0.18	2SLU	0.29	3SLE R
193Min.	-40	-6496.19	2SLU	-0.52	2SLU	-0.19	2SLU	0.32	3SLE R
193Min.	-162	-5243.80	2SLU	-0.52	2SLU	0.56	3SLE R	0.32	3SLE R
193Min.	1026	-5305.99	2SLU	-0.52	2SLU	0.52	3SLE R	0.29	3SLE R
193Max	38	-3750.47	3SLE R	-3.72	3SLE R	-0.14	3SLE R	0.44	2SLU
193Max	-53	-3725.28	3SLE R	-3.72	3SLE R	-0.14	3SLE R	0.46	2SLU
193Max	-175	-2880.63	3SLE R	-3.72	3SLE R	0.81	2SLU	0.46	2SLU
193Max	1038	-2922.20	3SLE R	-3.72	3SLE R	0.77	2SLU	0.44	2SLU
193Min.	38	-5217.44	2SLU	-5.30	2SLU	-0.19	2SLU	0.31	3SLE R
193Min.	-53	-5181.97	2SLU	-5.30	2SLU	-0.20	2SLU	0.33	3SLE R
193Min.	-175	-4082.92	2SLU	-5.30	2SLU	0.59	3SLE R	0.33	3SLE R
193Min.	1038	-4141.70	2SLU	-5.30	2SLU	0.56	3SLE R	0.31	3SLE R
193Max	51	-2343.43	3SLE R	-4.04	4SLE R	-0.10	3SLE R	0.34	2SLU
193Max	-68	-2337.15	3SLE R	-4.04	4SLE R	-0.11	3SLE R	0.35	2SLU
193Max	-190	-1760.73	3SLE R	-4.04	4SLE R	0.63	2SLU	0.35	2SLU
193Max	1051	-1785.48	3SLE R	-4.04	4SLE R	0.61	2SLU	0.34	2SLU
193Min.	51	-3256.07	2SLU	-5.91	1SLU	-0.14	2SLU	0.25	3SLE R



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193Min.	-68	-3246.61	2SLU	-5.91	1SLU	-0.15	2SLU	0.26	3SLE R
193Min.	-190	-2496.80	2SLU	-5.91	1SLU	0.46	3SLE R	0.26	3SLE R
193Min.	1051	-2531.19	2SLU	-5.91	1SLU	0.44	3SLE R	0.25	3SLE R
193Max	-118	-2376.82	3SLE R	-3.72	3SLE R	-0.15	4SLE R	0.65	2SLU
193Max	122	-2348.32	3SLE R	-3.72	3SLE R	-0.14	4SLE R	0.65	2SLU
193Max	1123	-1460.15	3SLE R	-3.72	3SLE R	1.25	2SLU	0.65	2SLU
193Max	-239	-1504.99	3SLE R	-3.72	3SLE R	1.24	2SLU	0.65	2SLU
193Min.	-118	-3272.05	2SLU	-5.34	2SLU	-0.20	1SLU	0.48	3SLE R
193Min.	122	-3231.95	2SLU	-5.34	2SLU	-0.19	1SLU	0.48	3SLE R
193Min.	1123	-2076.21	2SLU	-5.34	2SLU	0.91	3SLE R	0.48	3SLE R
193Min.	-239	-2139.79	2SLU	-5.34	2SLU	0.90	3SLE R	0.48	3SLE R
193Max	10	-3090.02	3SLE R	-1.65	3SLE R	-0.08	3SLE R	0.22	2SLU
193Max	11	-3077.78	3SLE R	-1.65	3SLE R	-0.07	3SLE R	0.21	2SLU
193Max	1011	-2489.78	3SLE R	-1.65	3SLE R	0.36	2SLU	0.21	2SLU
193Max	1010	-2509.28	3SLE R	-1.65	3SLE R	0.38	2SLU	0.22	2SLU
193Min.	10	-4307.73	2SLU	-2.38	2SLU	-0.11	2SLU	0.16	3SLE R
193Min.	11	-4290.59	2SLU	-2.38	2SLU	-0.10	2SLU	0.15	3SLE R
193Min.	1011	-3525.67	2SLU	-2.38	2SLU	0.26	3SLE R	0.15	3SLE R
193Min.	1010	-3553.27	2SLU	-2.38	2SLU	0.27	3SLE R	0.16	3SLE R
193Max	11	-4109.64	3SLE R	-1.56	3SLE R	-0.09	3SLE R	0.28	2SLU
193Max	-23	-4083.96	3SLE R	-1.56	3SLE R	-0.10	3SLE R	0.30	2SLU
193Max	-145	-3289.91	3SLE R	-1.56	3SLE R	0.52	2SLU	0.30	2SLU
193Max	1011	-3322.45	3SLE R	-1.56	3SLE R	0.48	2SLU	0.28	2SLU
193Min.	11	-5727.86	2SLU	-2.45	2SLU	-0.13	2SLU	0.20	3SLE R
193Min.	-23	-5692.21	2SLU	-2.45	2SLU	-0.14	2SLU	0.22	3SLE R
193Min.	-145	-4659.01	2SLU	-2.45	2SLU	0.38	3SLE R	0.22	3SLE R
193Min.	1011	-4705.43	2SLU	-2.45	2SLU	0.35	3SLE R	0.20	3SLE R
193Max	24	-2913.79	3SLE R	-1.98	3SLE R	-0.08	3SLE R	0.24	2SLU
193Max	26	-2902.25	3SLE R	-1.98	3SLE R	-0.08	3SLE R	0.25	2SLU
193Max	1026	-2313.51	3SLE R	-1.98	3SLE R	0.44	2SLU	0.25	2SLU
193Max	1024	-2333.78	3SLE R	-1.98	3SLE R	0.41	2SLU	0.24	2SLU
193Min.	24	-4059.34	2SLU	-2.80	2SLU	-0.11	2SLU	0.17	3SLE R
193Min.	26	-4043.08	2SLU	-2.80	2SLU	-0.11	2SLU	0.18	3SLE R
193Min.	1026	-3277.23	2SLU	-2.80	2SLU	0.31	3SLE R	0.18	3SLE R
193Min.	1024	-3305.82	2SLU	-2.80	2SLU	0.30	3SLE R	0.17	3SLE R
193Max	-92	-3127.51	3SLE R	-4.66	4SLE R	-0.17	3SLE R	0.60	2SLU
193Max	-96	-3101.78	3SLE R	-4.66	4SLE R	-0.18	3SLE R	0.62	2SLU
193Max	-217	-2223.52	3SLE R	-4.66	4SLE R	1.12	2SLU	0.62	2SLU
193Max	-213	-2269.83	3SLE R	-4.66	4SLE R	1.09	2SLU	0.60	2SLU
193Min.	-92	-4334.15	2SLU	-6.59	1SLU	-0.24	2SLU	0.44	3SLE R
193Min.	-96	-4297.72	2SLU	-6.59	1SLU	-0.24	2SLU	0.45	3SLE R
193Min.	-217	-3154.90	2SLU	-6.59	1SLU	0.81	3SLE R	0.45	3SLE R
193Min.	-213	-3220.26	2SLU	-6.59	1SLU	0.79	3SLE R	0.44	3SLE R
193Max	-96	-3019.58	3SLE R	-4.66	4SLE R	-0.18	3SLE R	0.62	2SLU
193Max	-99	-2993.85	3SLE R	-4.66	4SLE R	-0.18	3SLE R	0.64	2SLU
193Max	-220	-2115.60	3SLE R	-4.66	4SLE R	1.16	2SLU	0.64	2SLU
193Max	-217	-2161.89	3SLE R	-4.66	4SLE R	1.12	2SLU	0.62	2SLU
193Min.	-96	-4181.63	2SLU	-6.59	1SLU	-0.24	2SLU	0.45	3SLE R
193Min.	-99	-4145.19	2SLU	-6.59	1SLU	-0.24	2SLU	0.46	3SLE R
193Min.	-220	-3002.38	2SLU	-6.59	1SLU	0.84	3SLE R	0.46	3SLE R
193Min.	-217	-3067.72	2SLU	-6.59	1SLU	0.81	3SLE R	0.45	3SLE R
193Max	-99	-2911.54	3SLE R	-4.67	4SLE R	-0.18	3SLE R	0.64	2SLU
193Max	106	-2885.82	3SLE R	-4.67	4SLE R	-0.18	3SLE R	0.65	2SLU
193Max	1107	-2007.55	3SLE R	-4.67	4SLE R	1.19	2SLU	0.65	2SLU
193Max	-220	-2053.87	3SLE R	-4.67	4SLE R	1.16	2SLU	0.64	2SLU
193Min.	-99	-4028.97	2SLU	-6.59	1SLU	-0.24	2SLU	0.46	3SLE R
193Min.	106	-3992.53	2SLU	-6.59	1SLU	-0.25	2SLU	0.47	3SLE R
193Min.	1107	-2849.71	2SLU	-6.59	1SLU	0.86	3SLE R	0.47	3SLE R
193Min.	-220	-2915.07	2SLU	-6.59	1SLU	0.84	3SLE R	0.46	3SLE R
193Max	115	-2816.87	3SLE R	-3.90	3SLE R	-0.18	3SLE R	0.66	2SLU
193Max	-110	-2788.53	3SLE R	-3.90	3SLE R	-0.17	3SLE R	0.66	2SLU
193Max	-231	-1899.96	3SLE R	-3.90	3SLE R	1.22	2SLU	0.66	2SLU
193Max	1116	-1945.45	3SLE R	-3.90	3SLE R	1.21	2SLU	0.66	2SLU
193Min.	115	-3893.94	2SLU	-5.58	2SLU	-0.25	2SLU	0.48	3SLE R
193Min.	-110	-3854.05	2SLU	-5.58	2SLU	-0.24	2SLU	0.48	3SLE R
193Min.	-231	-2697.78	2SLU	-5.58	2SLU	0.88	3SLE R	0.48	3SLE R
193Min.	1116	-2762.21	2SLU	-5.58	2SLU	0.88	3SLE R	0.48	3SLE R
193Max	-44	-4446.46	3SLE R	-0.28	3SLE R	-0.15	3SLE R	0.47	2SLU
193Max	38	-4403.17	3SLE R	-0.28	3SLE R	-0.16	3SLE R	0.50	2SLU
193Max	1038	-3440.06	3SLE R	-0.28	3SLE R	0.89	2SLU	0.50	2SLU



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193Max	-166	-3484.57	3SLE R	-0.28	3SLE R	0.83	2SLU	0.47	2SLU
193Min.	-44	-6187.55	2SLU	-1.13	2SLU	-0.20	2SLU	0.34	3SLE R
193Min.	38	-6128.08	2SLU	-1.13	2SLU	-0.21	2SLU	0.36	3SLE R
193Min.	1038	-4874.34	2SLU	-1.13	2SLU	0.64	3SLE R	0.36	3SLE R
193Min.	-166	-4938.79	2SLU	-1.13	2SLU	0.60	3SLE R	0.34	3SLE R
193Max	-112	-2596.49	3SLE R	-3.74	3SLE R	-0.17	4SLE R	0.66	2SLU
193Max	-115	-2568.02	3SLE R	-3.74	3SLE R	-0.16	4SLE R	0.66	2SLU
193Max	-236	-1679.78	3SLE R	-3.74	3SLE R	1.23	2SLU	0.66	2SLU
193Max	-233	-1724.72	3SLE R	-3.74	3SLE R	1.22	2SLU	0.66	2SLU
193Min.	-112	-3582.56	2SLU	-5.37	2SLU	-0.22	1SLU	0.48	3SLE R
193Min.	-115	-3542.49	2SLU	-5.37	2SLU	-0.21	1SLU	0.48	3SLE R
193Min.	-236	-2386.68	2SLU	-5.37	2SLU	0.89	3SLE R	0.48	3SLE R
193Min.	-233	-2450.36	2SLU	-5.37	2SLU	0.89	3SLE R	0.48	3SLE R
193Max	59	-3130.27	3SLE R	-3.73	3SLE R	-0.15	3SLE R	0.51	2SLU
193Max	-78	-3108.39	3SLE R	-3.73	3SLE R	-0.16	3SLE R	0.52	2SLU
193Max	-200	-2309.55	3SLE R	-3.73	3SLE R	0.93	2SLU	0.52	2SLU
193Max	1059	-2347.86	3SLE R	-3.73	3SLE R	0.90	2SLU	0.51	2SLU
193Min.	59	-4345.62	2SLU	-5.34	2SLU	-0.21	2SLU	0.37	3SLE R
193Min.	-78	-4314.84	2SLU	-5.34	2SLU	-0.21	2SLU	0.38	3SLE R
193Min.	-200	-3275.28	2SLU	-5.34	2SLU	0.68	3SLE R	0.38	3SLE R
193Min.	1059	-3329.55	2SLU	-5.34	2SLU	0.65	3SLE R	0.37	3SLE R
193Max	80	-3235.42	3SLE R	-4.69	4SLE R	-0.17	3SLE R	0.59	2SLU
193Max	-92	-3209.71	3SLE R	-4.69	4SLE R	-0.17	3SLE R	0.60	2SLU
193Max	-213	-2331.40	3SLE R	-4.69	4SLE R	1.09	2SLU	0.60	2SLU
193Max	1081	-2377.80	3SLE R	-4.69	4SLE R	1.05	2SLU	0.59	2SLU
193Min.	80	-4486.67	2SLU	-6.63	1SLU	-0.23	2SLU	0.43	3SLE R
193Min.	-92	-4450.26	2SLU	-6.63	1SLU	-0.24	2SLU	0.44	3SLE R
193Min.	-213	-3307.35	2SLU	-6.63	1SLU	0.79	3SLE R	0.44	3SLE R
193Min.	1081	-3372.86	2SLU	-6.63	1SLU	0.76	3SLE R	0.43	3SLE R
193Max	-23	-4022.82	3SLE R	-1.53	3SLE R	-0.10	3SLE R	0.30	2SLU
193Max	24	-3997.12	3SLE R	-1.53	3SLE R	-0.10	3SLE R	0.32	2SLU
193Max	1024	-3203.12	3SLE R	-1.53	3SLE R	0.56	2SLU	0.32	2SLU
193Max	-145	-3235.57	3SLE R	-1.53	3SLE R	0.52	2SLU	0.30	2SLU
193Min.	-23	-5605.47	2SLU	-2.42	2SLU	-0.14	2SLU	0.22	3SLE R
193Min.	24	-5569.79	2SLU	-2.42	2SLU	-0.15	2SLU	0.23	3SLE R
193Min.	1024	-4536.66	2SLU	-2.42	2SLU	0.40	3SLE R	0.23	3SLE R
193Min.	-145	-4582.97	2SLU	-2.42	2SLU	0.38	3SLE R	0.22	3SLE R
193Max	-115	-2486.63	3SLE R	-3.71	3SLE R	-0.16	4SLE R	0.66	2SLU
193Max	-118	-2458.14	3SLE R	-3.71	3SLE R	-0.15	4SLE R	0.65	2SLU
193Max	-239	-1569.97	3SLE R	-3.71	3SLE R	1.24	2SLU	0.65	2SLU
193Max	-236	-1614.80	3SLE R	-3.71	3SLE R	1.23	2SLU	0.66	2SLU
193Min.	-115	-3427.29	2SLU	-5.33	2SLU	-0.21	1SLU	0.48	3SLE R
193Min.	-118	-3387.19	2SLU	-5.33	2SLU	-0.20	1SLU	0.48	3SLE R
193Min.	-239	-2231.46	2SLU	-5.33	2SLU	0.90	3SLE R	0.48	3SLE R
193Min.	-236	-2295.01	2SLU	-5.33	2SLU	0.89	3SLE R	0.48	3SLE R
193Max	-110	-2706.52	3SLE R	-3.80	3SLE R	-0.17	3SLE R	0.66	2SLU
193Max	-112	-2678.10	3SLE R	-3.80	3SLE R	-0.17	4SLE R	0.66	2SLU
193Max	-233	-1789.73	3SLE R	-3.80	3SLE R	1.22	2SLU	0.66	2SLU
193Max	-231	-1834.90	3SLE R	-3.80	3SLE R	1.22	2SLU	0.66	2SLU
193Min.	-110	-3738.04	2SLU	-5.45	2SLU	-0.24	2SLU	0.48	3SLE R
193Min.	-112	-3698.04	2SLU	-5.45	2SLU	-0.22	1SLU	0.48	3SLE R
193Min.	-233	-2542.06	2SLU	-5.45	2SLU	0.89	3SLE R	0.48	3SLE R
193Min.	-231	-2606.03	2SLU	-5.45	2SLU	0.88	3SLE R	0.48	3SLE R
193Max	-68	-2296.68	3SLE R	-4.05	4SLE R	-0.11	3SLE R	0.35	2SLU
193Max	59	-2290.42	3SLE R	-4.05	4SLE R	-0.11	3SLE R	0.36	2SLU
193Max	1059	-1713.97	3SLE R	-4.05	4SLE R	0.65	2SLU	0.36	2SLU
193Max	-190	-1738.76	3SLE R	-4.05	4SLE R	0.63	2SLU	0.35	2SLU
193Min.	-68	-3190.00	2SLU	-5.93	1SLU	-0.15	2SLU	0.26	3SLE R
193Min.	59	-3180.57	2SLU	-5.93	1SLU	-0.15	2SLU	0.26	3SLE R
193Min.	1059	-2430.72	2SLU	-5.93	1SLU	0.47	3SLE R	0.26	3SLE R
193Min.	-190	-2465.16	2SLU	-5.93	1SLU	0.46	3SLE R	0.26	3SLE R
193Max	-78	-3040.40	3SLE R	-3.64	3SLE R	-0.16	3SLE R	0.52	2SLU
193Max	80	-3018.42	3SLE R	-3.64	3SLE R	-0.16	3SLE R	0.53	2SLU
193Max	1081	-2219.79	3SLE R	-3.64	3SLE R	0.96	2SLU	0.53	2SLU
193Max	-200	-2257.78	3SLE R	-3.64	3SLE R	0.93	2SLU	0.52	2SLU
193Min.	-78	-4218.60	2SLU	-5.22	2SLU	-0.21	2SLU	0.38	3SLE R
193Min.	80	-4187.70	2SLU	-5.22	2SLU	-0.21	2SLU	0.39	3SLE R
193Min.	1081	-3148.41	2SLU	-5.22	2SLU	0.70	3SLE R	0.39	3SLE R
193Min.	-200	-3202.26	2SLU	-5.22	2SLU	0.68	3SLE R	0.38	3SLE R
193Max	106	-673.50	3SLE R	-0.39	3SLE R	-0.04	3SLE R	0.16	2SLU



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193Max	115	-672.32	3SLE R	-0.39	3SLE R	-0.04	3SLE R	0.16	2SLU
193Max	1116	-465.21	3SLE R	-0.39	3SLE R	0.28	2SLU	0.16	2SLU
193Max	1107	-468.11	3SLE R	-0.39	3SLE R	0.28	2SLU	0.16	2SLU
193Min.	106	-931.43	2SLU	-0.56	2SLU	-0.06	2SLU	0.11	3SLE R
193Min.	115	-929.78	2SLU	-0.56	2SLU	-0.06	2SLU	0.11	3SLE R
193Min.	1116	-660.43	2SLU	-0.56	2SLU	0.21	3SLE R	0.11	3SLE R
193Min.	1107	-664.53	2SLU	-0.56	2SLU	0.21	3SLE R	0.11	3SLE R
194Max	61	-3041.34	3SLE R	12.02	2SLU	0.01	2SLU	0.62	2SLU
194Max	-75	-3042.57	3SLE R	12.02	2SLU	0.08	2SLU	0.55	2SLU
194Max	-197	-2236.70	3SLE R	12.02	2SLU	1.28	2SLU	0.55	2SLU
194Max	1061	-2197.22	3SLE R	12.02	2SLU	1.39	2SLU	0.62	2SLU
194Min.	61	-4223.75	2SLU	8.69	3SLE R	0.01	3SLE R	0.44	3SLE R
194Min.	-75	-4225.54	2SLU	8.69	3SLE R	0.06	3SLE R	0.39	3SLE R
194Min.	-197	-3179.48	2SLU	8.69	3SLE R	0.91	3SLE R	0.39	3SLE R
194Min.	1061	-3124.82	2SLU	8.69	3SLE R	0.98	3SLE R	0.44	3SLE R
194Max	58	-2824.08	3SLE R	8.62	2SLU	0.43	2SLU	0.00	1SLU
194Max	57	-2822.73	3SLE R	8.62	2SLU	0.46	2SLU	-0.03	3SLE R
194Max	1057	-2183.38	3SLE R	8.62	2SLU	0.38	2SLU	-0.03	3SLE R
194Max	1058	-2157.18	3SLE R	8.62	2SLU	0.44	2SLU	0.00	1SLU
194Min.	58	-3920.35	2SLU	6.26	3SLE R	0.31	3SLE R	0.00	4SLE R
194Min.	57	-3918.58	2SLU	6.26	3SLE R	0.33	3SLE R	-0.04	2SLU
194Min.	1057	-3088.49	2SLU	6.26	3SLE R	0.27	3SLE R	-0.04	2SLU
194Min.	1058	-3052.32	2SLU	6.26	3SLE R	0.31	3SLE R	0.00	4SLE R
194Max	57	-3925.18	3SLE R	15.98	1SLU	0.63	2SLU	-0.04	3SLE R
194Max	56	-3922.86	3SLE R	15.98	1SLU	0.70	2SLU	-0.09	3SLE R
194Max	1056	-3054.69	3SLE R	15.98	1SLU	0.43	2SLU	-0.09	3SLE R
194Max	1057	-3005.86	3SLE R	15.98	1SLU	0.53	2SLU	-0.04	3SLE R
194Min.	57	-5448.18	2SLU	11.38	4SLE R	0.45	3SLE R	-0.05	2SLU
194Min.	56	-5446.02	2SLU	11.38	4SLE R	0.50	3SLE R	-0.12	2SLU
194Min.	1056	-4318.50	2SLU	11.38	4SLE R	0.30	3SLE R	-0.12	2SLU
194Min.	1057	-4251.96	2SLU	11.38	4SLE R	0.37	3SLE R	-0.05	2SLU
194Max	63	-2683.41	3SLE R	10.96	2SLU	-0.07	3SLE R	0.70	2SLU
194Max	62	-2683.21	3SLE R	10.96	2SLU	-0.03	4SLE R	0.64	2SLU
194Max	1062	-1944.38	3SLE R	10.96	2SLU	1.36	2SLU	0.64	2SLU
194Max	1063	-1909.74	3SLE R	10.96	2SLU	1.45	2SLU	0.70	2SLU
194Min.	63	-3726.85	2SLU	7.92	3SLE R	-0.10	2SLU	0.50	3SLE R
194Min.	62	-3726.63	2SLU	7.92	3SLE R	-0.05	1SLU	0.45	3SLE R
194Min.	1062	-2767.63	2SLU	7.92	3SLE R	0.96	3SLE R	0.45	3SLE R
194Min.	1063	-2719.61	2SLU	7.92	3SLE R	1.03	3SLE R	0.50	3SLE R
194Max	64	-3232.39	3SLE R	15.51	2SLU	-0.29	3SLE R	1.25	2SLU
194Max	-77	-3238.30	3SLE R	15.51	2SLU	-0.23	3SLE R	1.14	2SLU
194Max	-199	-2277.50	3SLE R	15.51	2SLU	2.19	2SLU	1.14	2SLU
194Max	1064	-2222.35	3SLE R	15.51	2SLU	2.35	2SLU	1.25	2SLU
194Min.	64	-4489.43	2SLU	11.19	3SLE R	-0.41	2SLU	0.89	3SLE R
194Min.	-77	-4497.71	2SLU	11.19	3SLE R	-0.32	2SLU	0.81	3SLE R
194Min.	-199	-3250.78	2SLU	11.19	3SLE R	1.56	3SLE R	0.81	3SLE R
194Min.	1064	-3174.27	2SLU	11.19	3SLE R	1.67	3SLE R	0.89	3SLE R
194Max	-74	-3163.91	3SLE R	12.01	2SLU	0.14	2SLU	0.47	2SLU
194Max	-73	-3165.13	3SLE R	12.01	2SLU	0.21	2SLU	0.39	2SLU
194Max	-195	-2359.27	3SLE R	12.01	2SLU	1.07	2SLU	0.39	2SLU
194Max	-196	-2319.77	3SLE R	12.01	2SLU	1.18	2SLU	0.47	2SLU
194Min.	-74	-4393.64	2SLU	8.70	3SLE R	0.10	3SLE R	0.33	3SLE R
194Min.	-73	-4395.43	2SLU	8.70	3SLE R	0.15	3SLE R	0.28	3SLE R
194Min.	-195	-3349.35	2SLU	8.70	3SLE R	0.76	3SLE R	0.28	3SLE R
194Min.	-196	-3294.72	2SLU	8.70	3SLE R	0.83	3SLE R	0.33	3SLE R
194Max	-73	-3225.16	3SLE R	11.92	2SLU	0.21	2SLU	0.39	2SLU
194Max	60	-3226.44	3SLE R	11.92	2SLU	0.27	2SLU	0.31	2SLU
194Max	1060	-2420.45	3SLE R	11.92	2SLU	0.96	2SLU	0.31	2SLU
194Max	-195	-2381.15	3SLE R	11.92	2SLU	1.07	2SLU	0.39	2SLU
194Min.	-73	-4478.50	2SLU	8.64	3SLE R	0.15	3SLE R	0.28	3SLE R
194Min.	60	-4480.38	2SLU	8.64	3SLE R	0.20	3SLE R	0.22	3SLE R
194Min.	1060	-3434.10	2SLU	8.64	3SLE R	0.68	3SLE R	0.22	3SLE R
194Min.	-195	-3379.78	2SLU	8.64	3SLE R	0.76	3SLE R	0.28	3SLE R
194Max	62	-2734.85	3SLE R	10.78	2SLU	-0.03	4SLE R	0.64	2SLU
194Max	61	-2734.80	3SLE R	10.78	2SLU	0.01	2SLU	0.57	2SLU
194Max	1061	-1995.67	3SLE R	10.78	2SLU	1.27	2SLU	0.57	2SLU
194Max	1062	-1961.48	3SLE R	10.78	2SLU	1.36	2SLU	0.64	2SLU
194Min.	62	-3798.23	2SLU	7.79	3SLE R	-0.05	1SLU	0.45	3SLE R
194Min.	61	-3798.20	2SLU	7.79	3SLE R	0.01	3SLE R	0.41	3SLE R
194Min.	1061	-2838.78	2SLU	7.79	3SLE R	0.90	3SLE R	0.41	3SLE R



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194Min.	1062	-2791.40	2SLU	7.79	3SLE R	0.96	3SLE R	0.45	3SLE R
194Max	-72	-3426.28	3SLE R	10.71	2SLU	0.38	2SLU	0.20	2SLU
194Max	-71	-3429.64	3SLE R	10.71	2SLU	0.44	2SLU	0.13	2SLU
194Max	-193	-2613.03	3SLE R	10.71	2SLU	0.73	2SLU	0.13	2SLU
194Max	-194	-2575.70	3SLE R	10.71	2SLU	0.81	2SLU	0.20	2SLU
194Min.	-72	-4757.17	2SLU	7.72	3SLE R	0.27	3SLE R	0.14	3SLE R
194Min.	-71	-4761.76	2SLU	7.72	3SLE R	0.31	3SLE R	0.09	3SLE R
194Min.	-193	-3701.65	2SLU	7.72	3SLE R	0.51	3SLE R	0.09	3SLE R
194Min.	-194	-3649.93	2SLU	7.72	3SLE R	0.57	3SLE R	0.14	3SLE R
194Max	-71	-3487.03	3SLE R	10.65	2SLU	0.44	2SLU	0.13	2SLU
194Max	-70	-3490.42	3SLE R	10.65	2SLU	0.49	2SLU	0.07	1SLU
194Max	-192	-2673.71	3SLE R	10.65	2SLU	0.64	2SLU	0.07	1SLU
194Max	-193	-2636.54	3SLE R	10.65	2SLU	0.73	2SLU	0.13	2SLU
194Min.	-71	-4841.22	2SLU	7.68	3SLE R	0.31	3SLE R	0.09	3SLE R
194Min.	-70	-4845.87	2SLU	7.68	3SLE R	0.35	3SLE R	0.04	4SLE R
194Min.	-192	-3785.62	2SLU	7.68	3SLE R	0.45	3SLE R	0.04	4SLE R
194Min.	-193	-3734.13	2SLU	7.68	3SLE R	0.51	3SLE R	0.09	3SLE R
194Max	59	-3365.37	3SLE R	10.82	2SLU	0.33	2SLU	0.26	2SLU
194Max	-72	-3368.65	3SLE R	10.82	2SLU	0.38	2SLU	0.20	2SLU
194Max	-194	-2552.21	3SLE R	10.82	2SLU	0.81	2SLU	0.20	2SLU
194Max	1059	-2514.62	3SLE R	10.82	2SLU	0.90	2SLU	0.26	2SLU
194Min.	59	-4672.87	2SLU	7.80	3SLE R	0.23	3SLE R	0.18	3SLE R
194Min.	-72	-4677.36	2SLU	7.80	3SLE R	0.27	3SLE R	0.14	3SLE R
194Min.	-194	-3617.50	2SLU	7.80	3SLE R	0.57	3SLE R	0.14	3SLE R
194Min.	1059	-3565.39	2SLU	7.80	3SLE R	0.63	3SLE R	0.18	3SLE R
194Max	-75	-3102.59	3SLE R	12.03	2SLU	0.08	2SLU	0.55	2SLU
194Max	-74	-3103.80	3SLE R	12.03	2SLU	0.14	2SLU	0.47	2SLU
194Max	-196	-2297.96	3SLE R	12.03	2SLU	1.18	2SLU	0.47	2SLU
194Max	-197	-2258.42	3SLE R	12.03	2SLU	1.28	2SLU	0.55	2SLU
194Min.	-75	-4308.65	2SLU	8.71	3SLE R	0.06	3SLE R	0.39	3SLE R
194Min.	-74	-4310.42	2SLU	8.71	3SLE R	0.10	3SLE R	0.33	3SLE R
194Min.	-196	-3264.39	2SLU	8.71	3SLE R	0.83	3SLE R	0.33	3SLE R
194Min.	-197	-3209.68	2SLU	8.71	3SLE R	0.91	3SLE R	0.39	3SLE R
194Max	-76	-3414.43	3SLE R	14.83	2SLU	-0.16	3SLE R	1.03	2SLU
194Max	63	-3420.66	3SLE R	14.83	2SLU	-0.09	3SLE R	0.92	2SLU
194Max	1063	-2458.80	3SLE R	14.83	2SLU	1.89	2SLU	0.92	2SLU
194Max	-198	-2405.45	3SLE R	14.83	2SLU	2.04	2SLU	1.03	2SLU
194Min.	-76	-4742.20	2SLU	10.71	3SLE R	-0.22	2SLU	0.73	3SLE R
194Min.	63	-4750.91	2SLU	10.71	3SLE R	-0.13	2SLU	0.65	3SLE R
194Min.	1063	-3502.50	2SLU	10.71	3SLE R	1.34	3SLE R	0.65	3SLE R
194Min.	-198	-3428.52	2SLU	10.71	3SLE R	1.45	3SLE R	0.73	3SLE R
194Max	60	-2460.19	3SLE R	8.07	2SLU	0.20	2SLU	0.24	2SLU
194Max	59	-2458.69	3SLE R	8.07	2SLU	0.24	2SLU	0.19	2SLU
194Max	1059	-1852.78	3SLE R	8.07	2SLU	0.66	2SLU	0.19	2SLU
194Max	1060	-1828.60	3SLE R	8.07	2SLU	0.72	2SLU	0.24	2SLU
194Min.	60	-3416.13	2SLU	5.84	3SLE R	0.15	3SLE R	0.17	3SLE R
194Min.	59	-3414.09	2SLU	5.84	3SLE R	0.17	3SLE R	0.13	3SLE R
194Min.	1059	-2627.46	2SLU	5.84	3SLE R	0.47	3SLE R	0.13	3SLE R
194Min.	1060	-2594.01	2SLU	5.84	3SLE R	0.51	3SLE R	0.17	3SLE R
194Max	65	-3065.08	3SLE R	11.36	2SLU	-0.35	3SLE R	1.33	2SLU
194Max	64	-3077.14	3SLE R	11.36	2SLU	-0.29	3SLE R	1.22	2SLU
194Max	1064	-2131.88	3SLE R	11.36	2SLU	2.29	2SLU	1.22	2SLU
194Max	1065	-2085.33	3SLE R	11.36	2SLU	2.44	2SLU	1.33	2SLU
194Min.	65	-4257.64	2SLU	7.84	3SLE R	-0.49	2SLU	0.95	3SLE R
194Min.	64	-4273.33	2SLU	7.84	3SLE R	-0.40	2SLU	0.87	3SLE R
194Min.	1064	-3047.07	2SLU	7.84	3SLE R	1.63	3SLE R	0.87	3SLE R
194Min.	1065	-2981.39	2SLU	7.84	3SLE R	1.73	3SLE R	0.95	3SLE R
194Max	-70	-3547.71	3SLE R	10.62	2SLU	0.49	2SLU	0.07	1SLU
194Max	58	-3551.12	3SLE R	10.62	2SLU	0.55	2SLU	0.01	1SLU
194Max	1058	-2734.37	3SLE R	10.62	2SLU	0.56	2SLU	0.01	1SLU
194Max	-192	-2697.28	3SLE R	10.62	2SLU	0.64	2SLU	0.07	1SLU
194Min.	-70	-4925.20	2SLU	7.65	3SLE R	0.35	3SLE R	0.04	4SLE R
194Min.	58	-4929.88	2SLU	7.65	3SLE R	0.39	3SLE R	-0.00	4SLE R
194Min.	1058	-3869.56	2SLU	7.65	3SLE R	0.39	3SLE R	-0.00	4SLE R
194Min.	-192	-3818.17	2SLU	7.65	3SLE R	0.45	3SLE R	0.04	4SLE R
194Max	-77	-3323.92	3SLE R	15.24	2SLU	-0.23	3SLE R	1.14	2SLU
194Max	-76	-3329.96	3SLE R	15.24	2SLU	-0.16	3SLE R	1.03	2SLU
194Max	-198	-2368.74	3SLE R	15.24	2SLU	2.04	2SLU	1.03	2SLU
194Max	-199	-2314.31	3SLE R	15.24	2SLU	2.19	2SLU	1.14	2SLU
194Min.	-77	-4616.54	2SLU	11.00	3SLE R	-0.32	2SLU	0.81	3SLE R



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194	Min.	-76	-4624.99	2	SLU	11.00	3	SLE R	-0.22	2	SLU	0.73	3	SLE R
194	Min.	-198	-3377.47	2	SLU	11.00	3	SLE R	1.45	3	SLE R	0.73	3	SLE R
194	Min.	-199	-3301.97	2	SLU	11.00	3	SLE R	1.56	3	SLE R	0.81	3	SLE R
195	Max	25	-3894.43	3	SLE R	-2.82	4	SLE R	0.19	2	SLU	-0.27	3	SLE R
195	Max	-24	-3922.44	3	SLE R	-2.82	4	SLE R	0.19	2	SLU	-0.26	3	SLE R
195	Max	-146	-3182.88	3	SLE R	-2.82	4	SLE R	-0.44	3	SLE R	-0.26	3	SLE R
195	Max	1025	-3167.32	3	SLE R	-2.82	4	SLE R	-0.46	3	SLE R	-0.27	3	SLE R
195	Min.	25	-5423.65	2	SLU	-3.80	1	SLU	0.14	3	SLE R	-0.38	2	SLU
195	Min.	-24	-5462.77	2	SLU	-3.80	1	SLU	0.14	3	SLE R	-0.37	2	SLU
195	Min.	-146	-4501.11	2	SLU	-3.80	1	SLU	-0.61	2	SLU	-0.37	2	SLU
195	Min.	1025	-4478.64	2	SLU	-3.80	1	SLU	-0.63	2	SLU	-0.38	2	SLU
195	Max	56	-2293.82	3	SLE R	-1.05	3	SLE R	0.13	2	SLU	-0.23	3	SLE R
195	Max	55	-2307.11	3	SLE R	-1.05	3	SLE R	0.13	2	SLU	-0.23	3	SLE R
195	Max	1055	-1789.17	3	SLE R	-1.05	3	SLE R	-0.41	3	SLE R	-0.23	3	SLE R
195	Max	1056	-1780.51	3	SLE R	-1.05	3	SLE R	-0.42	3	SLE R	-0.23	3	SLE R
195	Min.	56	-3184.41	2	SLU	-1.42	2	SLU	0.10	3	SLE R	-0.32	2	SLU
195	Min.	55	-3203.08	2	SLU	-1.42	2	SLU	0.10	3	SLE R	-0.32	2	SLU
195	Min.	1055	-2529.64	2	SLU	-1.42	2	SLU	-0.57	2	SLU	-0.32	2	SLU
195	Min.	1056	-2517.23	2	SLU	-1.42	2	SLU	-0.58	2	SLU	-0.32	2	SLU
195	Max	33	-4560.39	3	SLE R	-2.74	3	SLE R	0.23	2	SLU	-0.35	3	SLE R
195	Max	-30	-4598.47	3	SLE R	-2.74	3	SLE R	0.23	2	SLU	-0.34	3	SLE R
195	Max	-152	-3698.69	3	SLE R	-2.74	3	SLE R	-0.58	3	SLE R	-0.34	3	SLE R
195	Max	1033	-3672.68	3	SLE R	-2.74	3	SLE R	-0.60	3	SLE R	-0.35	3	SLE R
195	Min.	33	-6346.89	2	SLU	-3.78	2	SLU	0.17	3	SLE R	-0.48	2	SLU
195	Min.	-30	-6400.53	2	SLU	-3.78	2	SLU	0.17	3	SLE R	-0.47	2	SLU
195	Min.	-152	-5230.34	2	SLU	-3.78	2	SLU	-0.80	2	SLU	-0.47	2	SLU
195	Min.	1033	-5193.33	2	SLU	-3.78	2	SLU	-0.83	2	SLU	-0.48	2	SLU
195	Max	42	-4716.61	3	SLE R	-2.87	3	SLE R	0.25	2	SLU	-0.43	3	SLE R
195	Max	41	-4763.01	3	SLE R	-2.87	3	SLE R	0.26	2	SLU	-0.41	3	SLE R
195	Max	1041	-3759.82	3	SLE R	-2.87	3	SLE R	-0.72	3	SLE R	-0.41	3	SLE R
195	Max	1042	-3726.06	3	SLE R	-2.87	3	SLE R	-0.75	3	SLE R	-0.43	3	SLE R
195	Min.	42	-6555.62	2	SLU	-3.93	2	SLU	0.18	3	SLE R	-0.59	2	SLU
195	Min.	41	-6621.00	2	SLU	-3.93	2	SLU	0.18	3	SLE R	-0.57	2	SLU
195	Min.	1041	-5316.41	2	SLU	-3.93	2	SLU	-1.00	2	SLU	-0.57	2	SLU
195	Min.	1042	-5268.33	2	SLU	-3.93	2	SLU	-1.04	2	SLU	-0.59	2	SLU
195	Max	-24	-3959.86	3	SLE R	-2.70	4	SLE R	0.19	2	SLU	-0.26	3	SLE R
195	Max	-20	-3987.75	3	SLE R	-2.70	4	SLE R	0.19	2	SLU	-0.26	3	SLE R
195	Max	-142	-3248.44	3	SLE R	-2.70	4	SLE R	-0.43	3	SLE R	-0.26	3	SLE R
195	Max	-146	-3232.50	3	SLE R	-2.70	4	SLE R	-0.44	3	SLE R	-0.26	3	SLE R
195	Min.	-24	-5516.16	2	SLU	-3.65	1	SLU	0.14	3	SLE R	-0.37	2	SLU
195	Min.	-20	-5555.12	2	SLU	-3.65	1	SLU	0.14	3	SLE R	-0.36	2	SLU
195	Min.	-142	-4593.80	2	SLU	-3.65	1	SLU	-0.60	2	SLU	-0.36	2	SLU
195	Min.	-146	-4570.81	2	SLU	-3.65	1	SLU	-0.61	2	SLU	-0.37	2	SLU
195	Max	-20	-4025.73	3	SLE R	-2.56	4	SLE R	0.19	2	SLU	-0.26	3	SLE R
195	Max	9	-4053.47	3	SLE R	-2.56	4	SLE R	0.19	2	SLU	-0.25	3	SLE R
195	Max	1009	-3314.47	3	SLE R	-2.56	4	SLE R	-0.42	3	SLE R	-0.25	3	SLE R
195	Max	-142	-3298.06	3	SLE R	-2.56	4	SLE R	-0.43	3	SLE R	-0.26	3	SLE R
195	Min.	-20	-5609.28	2	SLU	-3.46	1	SLU	0.14	3	SLE R	-0.36	2	SLU
195	Min.	9	-5648.03	2	SLU	-3.46	1	SLU	0.14	3	SLE R	-0.35	2	SLU
195	Min.	1009	-4687.14	2	SLU	-3.46	1	SLU	-0.58	2	SLU	-0.35	2	SLU
195	Min.	-142	-4663.50	2	SLU	-3.46	1	SLU	-0.60	2	SLU	-0.36	2	SLU
195	Max	-79	-3522.13	3	SLE R	-2.06	3	SLE R	0.20	2	SLU	-0.37	3	SLE R
195	Max	56	-3553.68	3	SLE R	-2.06	3	SLE R	0.20	2	SLU	-0.37	3	SLE R
195	Max	1056	-2741.34	3	SLE R	-2.06	3	SLE R	-0.65	3	SLE R	-0.37	3	SLE R
195	Max	-201	-2718.84	3	SLE R	-2.06	3	SLE R	-0.67	3	SLE R	-0.37	3	SLE R
195	Min.	-79	-4887.74	2	SLU	-2.74	2	SLU	0.15	3	SLE R	-0.51	2	SLU
195	Min.	56	-4932.03	2	SLU	-2.74	2	SLU	0.15	3	SLE R	-0.50	2	SLU
195	Min.	1056	-3875.85	2	SLU	-2.74	2	SLU	-0.90	2	SLU	-0.50	2	SLU
195	Min.	-201	-3843.62	2	SLU	-2.74	2	SLU	-0.92	2	SLU	-0.51	2	SLU
195	Max	41	-3438.89	3	SLE R	-1.65	3	SLE R	0.18	2	SLU	-0.30	3	SLE R
195	Max	-49	-3462.78	3	SLE R	-1.65	3	SLE R	0.18	2	SLU	-0.29	3	SLE R
195	Max	-171	-2748.74	3	SLE R	-1.65	3	SLE R	-0.50	3	SLE R	-0.29	3	SLE R
195	Max	1041	-2732.10	3	SLE R	-1.65	3	SLE R	-0.52	3	SLE R	-0.30	3	SLE R
195	Min.	41	-4781.59	2	SLU	-2.32	2	SLU	0.13	3	SLE R	-0.41	2	SLU
195	Min.	-49	-4815.39	2	SLU	-2.32	2	SLU	0.13	3	SLE R	-0.40	2	SLU
195	Min.	-171	-3886.74	2	SLU	-2.32	2	SLU	-0.70	2	SLU	-0.40	2	SLU
195	Min.	1041	-3863.17	2	SLU	-2.32	2	SLU	-0.71	2	SLU	-0.41	2	SLU
195	Max	50	-3029.73	3	SLE R	-1.71	3	SLE R	0.17	2	SLU	-0.28	3	SLE R
195	Max	42	-3050.81	3	SLE R	-1.71	3	SLE R	0.17	2	SLU	-0.28	3	SLE R
195	Max	1042	-2393.91	3	SLE R	-1.71	3	SLE R	-0.49	3	SLE R	-0.28	3	SLE R



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195Max	1050	-2380.37	3SLE R	-1.71	3SLE R	-0.50	3SLE R	-0.28	3SLE R
195Min.	50	-4209.45	2SLU	-2.34	2SLU	0.12	3SLE R	-0.39	2SLU
195Min.	42	-4239.11	2SLU	-2.34	2SLU	0.12	3SLE R	-0.39	2SLU
195Min.	1042	-3384.89	2SLU	-2.34	2SLU	-0.68	2SLU	-0.39	2SLU
195Min.	1050	-3365.55	2SLU	-2.34	2SLU	-0.70	2SLU	-0.39	2SLU
195Max	-49	-3499.42	3SLE R	-1.69	3SLE R	0.18	2SLU	-0.29	3SLE R
195Max	-45	-3523.36	3SLE R	-1.69	3SLE R	0.18	2SLU	-0.28	3SLE R
195Max	-167	-2809.23	3SLE R	-1.69	3SLE R	-0.49	3SLE R	-0.28	3SLE R
195Max	-171	-2792.71	3SLE R	-1.69	3SLE R	-0.50	3SLE R	-0.29	3SLE R
195Min.	-49	-4867.26	2SLU	-2.38	2SLU	0.13	3SLE R	-0.40	2SLU
195Min.	-45	-4901.12	2SLU	-2.38	2SLU	0.13	3SLE R	-0.39	2SLU
195Min.	-167	-3972.34	2SLU	-2.38	2SLU	-0.68	2SLU	-0.39	2SLU
195Min.	-171	-3948.96	2SLU	-2.38	2SLU	-0.70	2SLU	-0.40	2SLU
195Max	100	-4057.87	3SLE R	-1.71	3SLE R	0.24	2SLU	-0.51	3SLE R
195Max	86	-4106.54	3SLE R	-1.71	3SLE R	0.25	2SLU	-0.50	3SLE R
195Max	1087	-3071.53	3SLE R	-1.71	3SLE R	-0.91	3SLE R	-0.50	3SLE R
195Max	1101	-3030.38	3SLE R	-1.71	3SLE R	-0.93	3SLE R	-0.51	3SLE R
195Min.	100	-5618.86	2SLU	-2.28	2SLU	0.18	3SLE R	-0.69	2SLU
195Min.	86	-5687.45	2SLU	-2.28	2SLU	0.18	3SLE R	-0.68	2SLU
195Min.	1087	-4341.81	2SLU	-2.28	2SLU	-1.25	2SLU	-0.68	2SLU
195Min.	1101	-4283.25	2SLU	-2.28	2SLU	-1.29	2SLU	-0.69	2SLU
195Max	86	-2504.35	3SLE R	-1.10	3SLE R	0.15	2SLU	-0.30	3SLE R
195Max	84	-2522.81	3SLE R	-1.10	3SLE R	0.15	2SLU	-0.29	3SLE R
195Max	1085	-1901.64	3SLE R	-1.10	3SLE R	-0.54	3SLE R	-0.29	3SLE R
195Max	1087	-1888.02	3SLE R	-1.10	3SLE R	-0.55	3SLE R	-0.30	3SLE R
195Min.	86	-3469.88	2SLU	-1.48	2SLU	0.11	3SLE R	-0.41	2SLU
195Min.	84	-3495.84	2SLU	-1.48	2SLU	0.11	3SLE R	-0.41	2SLU
195Min.	1085	-2688.21	2SLU	-1.48	2SLU	-0.74	2SLU	-0.41	2SLU
195Min.	1087	-2668.76	2SLU	-1.48	2SLU	-0.75	2SLU	-0.41	2SLU
195Max	114	-649.93	3SLE R	-0.07	3SLE R	0.04	2SLU	-0.09	3SLE R
195Max	103	-651.37	3SLE R	-0.07	3SLE R	0.04	2SLU	-0.09	3SLE R
195Max	1104	-479.33	3SLE R	-0.07	3SLE R	-0.16	3SLE R	-0.09	3SLE R
195Max	1115	-478.22	3SLE R	-0.07	3SLE R	-0.16	3SLE R	-0.09	3SLE R
195Min.	114	-899.12	2SLU	-0.10	2SLU	0.03	3SLE R	-0.12	2SLU
195Min.	103	-901.13	2SLU	-0.10	2SLU	0.03	3SLE R	-0.12	2SLU
195Min.	1104	-677.48	2SLU	-0.10	2SLU	-0.22	2SLU	-0.12	2SLU
195Min.	1115	-675.90	2SLU	-0.10	2SLU	-0.22	2SLU	-0.12	2SLU
195Max	81	-3441.32	3SLE R	-2.03	3SLE R	0.20	2SLU	-0.38	3SLE R
195Max	-79	-3472.85	3SLE R	-2.03	3SLE R	0.20	2SLU	-0.37	3SLE R
195Max	-201	-2660.57	3SLE R	-2.03	3SLE R	-0.67	3SLE R	-0.37	3SLE R
195Max	1082	-2637.97	3SLE R	-2.03	3SLE R	-0.68	3SLE R	-0.38	3SLE R
195Min.	81	-4773.35	2SLU	-2.70	2SLU	0.15	3SLE R	-0.52	2SLU
195Min.	-79	-4817.60	2SLU	-2.70	2SLU	0.15	3SLE R	-0.51	2SLU
195Min.	-201	-3761.51	2SLU	-2.70	2SLU	-0.92	2SLU	-0.51	2SLU
195Min.	1082	-3729.14	2SLU	-2.70	2SLU	-0.94	2SLU	-0.52	2SLU
195Max	55	-4517.04	3SLE R	-2.51	3SLE R	0.25	2SLU	-0.44	3SLE R
195Max	50	-4563.20	3SLE R	-2.51	3SLE R	0.25	2SLU	-0.43	3SLE R
195Max	1050	-3560.82	3SLE R	-2.51	3SLE R	-0.77	3SLE R	-0.43	3SLE R
195Max	1055	-3525.68	3SLE R	-2.51	3SLE R	-0.79	3SLE R	-0.44	3SLE R
195Min.	55	-6273.10	2SLU	-3.41	2SLU	0.18	3SLE R	-0.61	2SLU
195Min.	50	-6338.15	2SLU	-3.41	2SLU	0.18	3SLE R	-0.60	2SLU
195Min.	1050	-5034.71	2SLU	-3.41	2SLU	-1.06	2SLU	-0.60	2SLU
195Min.	1055	-4984.67	2SLU	-3.41	2SLU	-1.10	2SLU	-0.61	2SLU
195Max	-113	-3068.58	3SLE R	-0.79	3SLE R	0.17	1SLU	-0.42	3SLE R
195Max	116	-3102.23	3SLE R	-0.79	3SLE R	0.18	1SLU	-0.43	3SLE R
195Max	1117	-2241.13	3SLE R	-0.79	3SLE R	-0.80	3SLE R	-0.43	3SLE R
195Max	-234	-2210.93	3SLE R	-0.79	3SLE R	-0.80	3SLE R	-0.42	3SLE R
195Min.	-113	-4239.42	2SLU	-0.98	2SLU	0.13	4SLE R	-0.58	2SLU
195Min.	116	-4286.77	2SLU	-0.98	2SLU	0.14	4SLE R	-0.58	2SLU
195Min.	1117	-3167.42	2SLU	-0.98	2SLU	-1.10	2SLU	-0.58	2SLU
195Min.	-234	-3124.40	2SLU	-0.98	2SLU	-1.11	2SLU	-0.58	2SLU
195Max	116	-3675.98	3SLE R	-1.16	3SLE R	0.21	1SLU	-0.49	3SLE R
195Max	114	-3721.30	3SLE R	-1.16	3SLE R	0.23	2SLU	-0.49	3SLE R
195Max	1115	-2721.88	3SLE R	-1.16	3SLE R	-0.92	3SLE R	-0.49	3SLE R
195Max	1117	-2681.65	3SLE R	-1.16	3SLE R	-0.93	3SLE R	-0.49	3SLE R
195Min.	116	-5082.48	2SLU	-1.51	2SLU	0.16	4SLE R	-0.68	2SLU
195Min.	114	-5146.34	2SLU	-1.51	2SLU	0.17	3SLE R	-0.68	2SLU
195Min.	1115	-3847.08	2SLU	-1.51	2SLU	-1.27	2SLU	-0.68	2SLU
195Min.	1117	-3789.87	2SLU	-1.51	2SLU	-1.27	2SLU	-0.68	2SLU
195Max	-45	-3559.86	3SLE R	-1.70	3SLE R	0.18	2SLU	-0.28	3SLE R



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195Max	33	-3583.81	3SLE R	-1.70	3SLE R	0.18	2SLU	-0.28	3SLE R
195Max	1033	-2869.66	3SLE R	-1.70	3SLE R	-0.48	3SLE R	-0.28	3SLE R
195Max	-167	-2853.18	3SLE R	-1.70	3SLE R	-0.49	3SLE R	-0.28	3SLE R
195Min.	-45	-4952.79	2SLU	-2.40	2SLU	0.13	3SLE R	-0.39	2SLU
195Min.	33	-4986.67	2SLU	-2.40	2SLU	0.13	3SLE R	-0.38	2SLU
195Min.	1033	-4057.86	2SLU	-2.40	2SLU	-0.66	2SLU	-0.38	2SLU
195Min.	-167	-4034.53	2SLU	-2.40	2SLU	-0.68	2SLU	-0.39	2SLU
195Max	-30	-4656.46	3SLE R	-2.65	3SLE R	0.23	2SLU	-0.34	3SLE R
195Max	25	-4694.46	3SLE R	-2.65	3SLE R	0.23	2SLU	-0.33	3SLE R
195Max	1025	-3794.88	3SLE R	-2.65	3SLE R	-0.56	3SLE R	-0.33	3SLE R
195Max	-152	-3768.53	3SLE R	-2.65	3SLE R	-0.58	3SLE R	-0.34	3SLE R
195Min.	-30	-6482.77	2SLU	-3.65	2SLU	0.17	3SLE R	-0.47	2SLU
195Min.	25	-6536.32	2SLU	-3.65	2SLU	0.17	3SLE R	-0.46	2SLU
195Min.	1025	-5366.41	2SLU	-3.65	2SLU	-0.77	2SLU	-0.46	2SLU
195Min.	-152	-5328.94	2SLU	-3.65	2SLU	-0.80	2SLU	-0.47	2SLU
195Max	-116	-2972.72	3SLE R	-0.67	3SLE R	0.16	1SLU	-0.42	3SLE R
195Max	-113	-3006.27	3SLE R	-0.67	3SLE R	0.17	1SLU	-0.42	3SLE R
195Max	-234	-2145.43	3SLE R	-0.67	3SLE R	-0.80	3SLE R	-0.42	3SLE R
195Max	-237	-2114.82	3SLE R	-0.67	3SLE R	-0.81	3SLE R	-0.42	3SLE R
195Min.	-116	-4103.75	2SLU	-0.82	2SLU	0.12	4SLE R	-0.58	2SLU
195Min.	-113	-4150.95	2SLU	-0.82	2SLU	0.13	4SLE R	-0.58	2SLU
195Min.	-234	-3031.97	2SLU	-0.82	2SLU	-1.11	2SLU	-0.58	2SLU
195Min.	-237	-2988.36	2SLU	-0.82	2SLU	-1.11	2SLU	-0.58	2SLU
195Max	84	-4271.00	3SLE R	-2.09	3SLE R	0.25	2SLU	-0.49	3SLE R
195Max	81	-4319.89	3SLE R	-2.09	3SLE R	0.25	2SLU	-0.48	3SLE R
195Max	1082	-3284.04	3SLE R	-2.09	3SLE R	-0.87	3SLE R	-0.48	3SLE R
195Max	1085	-3244.35	3SLE R	-2.09	3SLE R	-0.89	3SLE R	-0.49	3SLE R
195Min.	84	-5920.59	2SLU	-2.82	2SLU	0.18	3SLE R	-0.67	2SLU
195Min.	81	-5989.49	2SLU	-2.82	2SLU	0.19	3SLE R	-0.66	2SLU
195Min.	1082	-4642.66	2SLU	-2.82	2SLU	-1.20	2SLU	-0.66	2SLU
195Min.	1085	-4586.17	2SLU	-2.82	2SLU	-1.23	2SLU	-0.67	2SLU
195Max	117	-2779.43	3SLE R	-0.39	1SLU	0.14	1SLU	-0.42	3SLE R
195Max	-119	-2812.73	3SLE R	-0.39	1SLU	0.15	1SLU	-0.42	3SLE R
195Max	-240	-1952.50	3SLE R	-0.39	1SLU	-0.81	3SLE R	-0.42	3SLE R
195Max	1118	-1920.91	3SLE R	-0.39	1SLU	-0.82	3SLE R	-0.42	3SLE R
195Min.	117	-3830.13	2SLU	-0.42	2SLU	0.11	4SLE R	-0.57	2SLU
195Min.	-119	-3876.98	2SLU	-0.42	2SLU	0.11	4SLE R	-0.58	2SLU
195Min.	-240	-2758.87	2SLU	-0.42	2SLU	-1.12	2SLU	-0.58	2SLU
195Min.	1118	-2713.87	2SLU	-0.42	2SLU	-1.12	2SLU	-0.57	2SLU
195Max	-119	-2876.36	3SLE R	-0.53	3SLE R	0.15	1SLU	-0.42	3SLE R
195Max	-116	-2909.79	3SLE R	-0.53	3SLE R	0.16	1SLU	-0.42	3SLE R
195Max	-237	-2049.24	3SLE R	-0.53	3SLE R	-0.81	3SLE R	-0.42	3SLE R
195Max	-240	-2018.16	3SLE R	-0.53	3SLE R	-0.81	3SLE R	-0.42	3SLE R
195Min.	-119	-3967.35	2SLU	-0.63	2SLU	0.11	4SLE R	-0.58	2SLU
195Min.	-116	-4014.38	2SLU	-0.63	2SLU	0.12	4SLE R	-0.58	2SLU
195Min.	-237	-2895.82	2SLU	-0.63	2SLU	-1.11	2SLU	-0.58	2SLU
195Min.	-240	-2851.54	2SLU	-0.63	2SLU	-1.12	2SLU	-0.58	2SLU
195Max	103	-2896.92	3SLE R	1.81	1SLU	0.18	2SLU	-0.38	3SLE R
195Max	100	-2918.75	3SLE R	1.81	1SLU	0.18	2SLU	-0.37	3SLE R
195Max	1101	-2165.09	3SLE R	1.81	1SLU	-0.68	3SLE R	-0.37	3SLE R
195Max	1104	-2138.08	3SLE R	1.81	1SLU	-0.70	3SLE R	-0.38	3SLE R
195Min.	103	-4008.43	2SLU	0.88	4SLE R	0.13	3SLE R	-0.52	2SLU
195Min.	100	-4039.98	2SLU	0.88	4SLE R	0.13	3SLE R	-0.51	2SLU
195Min.	1101	-3059.86	2SLU	0.88	4SLE R	-0.94	2SLU	-0.51	2SLU
195Min.	1104	-3022.29	2SLU	0.88	4SLE R	-0.96	2SLU	-0.52	2SLU
196Max	-107	-2234.26	3SLE R	-14.60	3SLE R	0.31	2SLU	-0.80	3SLE R
196Max	112	-2224.63	3SLE R	-14.60	3SLE R	0.39	2SLU	-0.87	3SLE R
196Max	1113	-1188.76	3SLE R	-14.60	3SLE R	-1.63	3SLE R	-0.87	3SLE R
196Max	-228	-1262.63	3SLE R	-14.60	3SLE R	-1.54	3SLE R	-0.80	3SLE R
196Min.	-107	-3084.39	2SLU	-20.20	2SLU	0.22	3SLE R	-1.12	2SLU
196Min.	112	-3070.82	2SLU	-20.20	2SLU	0.28	3SLE R	-1.23	2SLU
196Min.	1113	-1721.50	2SLU	-20.20	2SLU	-2.30	2SLU	-1.23	2SLU
196Min.	-228	-1823.96	2SLU	-20.20	2SLU	-2.17	2SLU	-1.12	2SLU
196Max	107	-1932.07	3SLE R	-7.53	3SLE R	-0.14	3SLE R	-0.17	3SLE R
196Max	108	-1934.21	3SLE R	-7.53	3SLE R	-0.12	3SLE R	-0.20	3SLE R
196Max	1109	-1298.90	3SLE R	-7.53	3SLE R	-0.56	3SLE R	-0.20	3SLE R
196Max	1108	-1329.88	3SLE R	-7.53	3SLE R	-0.52	3SLE R	-0.17	3SLE R
196Min.	107	-2671.96	2SLU	-10.36	2SLU	-0.19	2SLU	-0.25	2SLU
196Min.	108	-2674.73	2SLU	-10.36	2SLU	-0.16	2SLU	-0.28	2SLU
196Min.	1109	-1847.57	2SLU	-10.36	2SLU	-0.79	2SLU	-0.28	2SLU



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196Min.	1108	-1890.37	2SLU	-10.36	2SLU	-0.74	2SLU	-0.25	2SLU
196Max	110	-2834.48	3SLE R	-13.78	3SLE R	-0.09	3SLE R	-0.44	3SLE R
196Max	111	-2825.46	3SLE R	-13.78	3SLE R	-0.03	3SLE R	-0.51	3SLE R
196Max	1112	-1798.27	3SLE R	-13.78	3SLE R	-1.15	3SLE R	-0.51	3SLE R
196Max	1111	-1867.92	3SLE R	-13.78	3SLE R	-1.05	3SLE R	-0.44	3SLE R
196Min.	110	-3918.48	2SLU	-19.02	2SLU	-0.12	2SLU	-0.62	2SLU
196Min.	111	-3905.70	2SLU	-19.02	2SLU	-0.04	2SLU	-0.72	2SLU
196Min.	1112	-2567.91	2SLU	-19.02	2SLU	-1.62	2SLU	-0.72	2SLU
196Min.	1111	-2664.39	2SLU	-19.02	2SLU	-1.49	2SLU	-0.62	2SLU
196Max	-100	-3284.65	3SLE R	12.79	2SLU	0.59	2SLU	-0.01	1SLU
196Max	103	-3291.08	3SLE R	12.79	2SLU	0.64	2SLU	-0.05	3SLE R
196Max	1104	-2434.92	3SLE R	12.79	2SLU	0.50	2SLU	-0.05	3SLE R
196Max	-221	-2387.68	3SLE R	12.79	2SLU	0.58	2SLU	-0.01	1SLU
196Min.	-100	-4544.15	2SLU	9.28	3SLE R	0.42	3SLE R	-0.01	4SLE R
196Min.	103	-4553.21	2SLU	9.28	3SLE R	0.46	3SLE R	-0.07	2SLU
196Min.	1104	-3441.82	2SLU	9.28	3SLE R	0.35	3SLE R	-0.07	2SLU
196Min.	-221	-3376.48	2SLU	9.28	3SLE R	0.40	3SLE R	-0.01	4SLE R
196Max	-102	-3123.17	3SLE R	13.15	2SLU	0.49	2SLU	0.11	2SLU
196Max	-101	-3129.36	3SLE R	13.15	2SLU	0.54	2SLU	0.05	1SLU
196Max	-222	-2273.79	3SLE R	13.15	2SLU	0.65	2SLU	0.05	1SLU
196Max	-223	-2225.61	3SLE R	13.15	2SLU	0.73	2SLU	0.11	2SLU
196Min.	-102	-4320.24	2SLU	9.54	3SLE R	0.35	3SLE R	0.07	3SLE R
196Min.	-101	-4328.99	2SLU	9.54	3SLE R	0.39	3SLE R	0.03	4SLE R
196Min.	-222	-3218.40	2SLU	9.54	3SLE R	0.46	3SLE R	0.03	4SLE R
196Min.	-223	-3151.77	2SLU	9.54	3SLE R	0.51	3SLE R	0.07	3SLE R
196Max	106	-1729.55	3SLE R	-5.70	3SLE R	-0.15	3SLE R	-0.11	3SLE R
196Max	-103	-1731.66	3SLE R	-5.70	3SLE R	-0.14	3SLE R	-0.13	3SLE R
196Max	-224	-1186.30	3SLE R	-5.70	3SLE R	-0.42	3SLE R	-0.13	3SLE R
196Max	1107	-1209.29	3SLE R	-5.70	3SLE R	-0.39	3SLE R	-0.11	3SLE R
196Min.	106	-2392.14	2SLU	-7.85	2SLU	-0.22	2SLU	-0.16	2SLU
196Min.	-103	-2394.92	2SLU	-7.85	2SLU	-0.19	2SLU	-0.18	2SLU
196Min.	-224	-1685.01	2SLU	-7.85	2SLU	-0.60	2SLU	-0.18	2SLU
196Min.	1107	-1716.74	2SLU	-7.85	2SLU	-0.56	2SLU	-0.16	2SLU
196Max	-103	-1697.97	3SLE R	-5.84	3SLE R	-0.14	3SLE R	-0.13	3SLE R
196Max	107	-1700.24	3SLE R	-5.84	3SLE R	-0.12	3SLE R	-0.15	3SLE R
196Max	1108	-1154.59	3SLE R	-5.84	3SLE R	-0.45	3SLE R	-0.15	3SLE R
196Max	-224	-1177.99	3SLE R	-5.84	3SLE R	-0.42	3SLE R	-0.13	3SLE R
196Min.	-103	-2348.34	2SLU	-8.03	2SLU	-0.19	2SLU	-0.18	2SLU
196Min.	107	-2351.36	2SLU	-8.03	2SLU	-0.17	2SLU	-0.21	2SLU
196Min.	1108	-1641.03	2SLU	-8.03	2SLU	-0.63	2SLU	-0.21	2SLU
196Min.	-224	-1673.35	2SLU	-8.03	2SLU	-0.60	2SLU	-0.18	2SLU
196Max	106	-2280.12	3SLE R	12.14	1SLU	0.28	2SLU	0.20	2SLU
196Max	105	-2277.80	3SLE R	12.14	1SLU	0.31	2SLU	0.17	2SLU
196Max	1106	-1609.81	3SLE R	12.14	1SLU	0.67	2SLU	0.17	2SLU
196Max	1107	-1573.11	3SLE R	12.14	1SLU	0.72	2SLU	0.20	2SLU
196Min.	106	-3153.45	2SLU	8.83	4SLE R	0.20	3SLE R	0.14	3SLE R
196Min.	105	-3150.72	2SLU	8.83	4SLE R	0.22	3SLE R	0.12	3SLE R
196Min.	1106	-2283.53	2SLU	8.83	4SLE R	0.47	3SLE R	0.12	3SLE R
196Min.	1107	-2233.14	2SLU	8.83	4SLE R	0.51	3SLE R	0.14	3SLE R
196Max	-106	-2360.49	3SLE R	-14.62	3SLE R	0.22	2SLU	-0.73	3SLE R
196Max	-107	-2350.87	3SLE R	-14.62	3SLE R	0.31	2SLU	-0.80	3SLE R
196Max	-228	-1314.96	3SLE R	-14.62	3SLE R	-1.54	3SLE R	-0.80	3SLE R
196Max	-227	-1388.90	3SLE R	-14.62	3SLE R	-1.44	3SLE R	-0.73	3SLE R
196Min.	-106	-3259.79	2SLU	-20.23	2SLU	0.16	3SLE R	-1.02	2SLU
196Min.	-107	-3246.23	2SLU	-20.23	2SLU	0.22	3SLE R	-1.12	2SLU
196Min.	-228	-1896.86	2SLU	-20.23	2SLU	-2.17	2SLU	-1.12	2SLU
196Min.	-227	-1999.41	2SLU	-20.23	2SLU	-2.03	2SLU	-1.02	2SLU
196Max	109	-1916.66	3SLE R	-8.57	3SLE R	-0.08	3SLE R	-0.26	3SLE R
196Max	110	-1918.88	3SLE R	-8.57	3SLE R	-0.06	3SLE R	-0.29	3SLE R
196Max	1111	-1246.91	3SLE R	-8.57	3SLE R	-0.69	3SLE R	-0.29	3SLE R
196Max	1110	-1282.39	3SLE R	-8.57	3SLE R	-0.65	3SLE R	-0.26	3SLE R
196Min.	109	-2650.02	2SLU	-11.82	2SLU	-0.11	2SLU	-0.37	2SLU
196Min.	110	-2652.94	2SLU	-11.82	2SLU	-0.08	2SLU	-0.41	2SLU
196Min.	1111	-1777.88	2SLU	-11.82	2SLU	-0.97	2SLU	-0.41	2SLU
196Min.	1110	-1826.96	2SLU	-11.82	2SLU	-0.92	2SLU	-0.37	2SLU
196Max	-101	-3204.17	3SLE R	12.95	2SLU	0.54	2SLU	0.05	1SLU
196Max	-100	-3210.49	3SLE R	12.95	2SLU	0.59	2SLU	-0.01	1SLU
196Max	-221	-2354.59	3SLE R	12.95	2SLU	0.58	2SLU	-0.01	1SLU
196Max	-222	-2306.94	3SLE R	12.95	2SLU	0.65	2SLU	0.05	1SLU
196Min.	-101	-4432.54	2SLU	9.39	3SLE R	0.39	3SLE R	0.03	4SLE R



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196Min.	-100	-4441.46	2SLU	9.39	3SLE R	0.42	3SLE R	-0.01	4SLE R
196Min.	-221	-3330.42	2SLU	9.39	3SLE R	0.40	3SLE R	-0.01	4SLE R
196Min.	-222	-3264.52	2SLU	9.39	3SLE R	0.46	3SLE R	0.03	4SLE R
196Max	-108	-1716.94	3SLE R	-13.25	3SLE R	0.37	2SLU	-0.76	3SLE R
196Max	113	-1715.33	3SLE R	-13.25	3SLE R	0.40	2SLU	-0.78	3SLE R
196Max	1114	-826.80	3SLE R	-13.25	3SLE R	-1.44	3SLE R	-0.78	3SLE R
196Max	-229	-886.72	3SLE R	-13.25	3SLE R	-1.42	3SLE R	-0.76	3SLE R
196Min.	-108	-2368.48	2SLU	-18.32	2SLU	0.26	3SLE R	-1.08	2SLU
196Min.	113	-2366.05	2SLU	-18.32	2SLU	0.28	3SLE R	-1.10	2SLU
196Min.	1114	-1208.55	2SLU	-18.32	2SLU	-2.03	2SLU	-1.10	2SLU
196Min.	-229	-1291.60	2SLU	-18.32	2SLU	-2.00	2SLU	-1.08	2SLU
196Max	112	-805.73	3SLE R	-4.03	3SLE R	0.15	2SLU	-0.33	3SLE R
196Max	-347	-808.68	3SLE R	-4.03	3SLE R	0.16	2SLU	-0.33	3SLE R
196Max	-348	-421.68	3SLE R	-4.03	3SLE R	-0.62	3SLE R	-0.33	3SLE R
196Max	1113	-436.47	3SLE R	-4.03	3SLE R	-0.62	3SLE R	-0.33	3SLE R
196Min.	112	-1111.97	2SLU	-5.58	2SLU	0.11	3SLE R	-0.46	2SLU
196Min.	-347	-1116.02	2SLU	-5.58	2SLU	0.11	3SLE R	-0.47	2SLU
196Min.	-348	-612.19	2SLU	-5.58	2SLU	-0.87	2SLU	-0.47	2SLU
196Min.	1113	-632.68	2SLU	-5.58	2SLU	-0.87	2SLU	-0.46	2SLU
196Max	104	-3041.51	3SLE R	13.41	2SLU	0.44	2SLU	0.17	2SLU
196Max	-102	-3047.54	3SLE R	13.41	2SLU	0.49	2SLU	0.11	2SLU
196Max	-223	-2192.38	3SLE R	13.41	2SLU	0.73	2SLU	0.11	2SLU
196Max	1105	-2143.55	3SLE R	13.41	2SLU	0.80	2SLU	0.17	2SLU
196Min.	104	-4207.06	2SLU	9.73	3SLE R	0.31	3SLE R	0.11	3SLE R
196Min.	-102	-4215.59	2SLU	9.73	3SLE R	0.35	3SLE R	0.07	3SLE R
196Min.	-223	-3105.56	2SLU	9.73	3SLE R	0.51	3SLE R	0.07	3SLE R
196Min.	1105	-3038.04	2SLU	9.73	3SLE R	0.56	3SLE R	0.11	3SLE R
196Max	-104	-2611.00	3SLE R	-14.19	3SLE R	0.05	1SLU	-0.58	3SLE R
196Max	-105	-2601.09	3SLE R	-14.19	3SLE R	0.14	2SLU	-0.65	3SLE R
196Max	-226	-1566.12	3SLE R	-14.19	3SLE R	-1.35	3SLE R	-0.65	3SLE R
196Max	-225	-1638.47	3SLE R	-14.19	3SLE R	-1.25	3SLE R	-0.58	3SLE R
196Min.	-104	-3607.86	2SLU	-19.63	2SLU	0.03	4SLE R	-0.82	2SLU
196Min.	-105	-3593.91	2SLU	-19.63	2SLU	0.10	3SLE R	-0.92	2SLU
196Min.	-226	-2245.85	2SLU	-19.63	2SLU	-1.90	2SLU	-0.92	2SLU
196Min.	-225	-2346.18	2SLU	-19.63	2SLU	-1.76	2SLU	-0.82	2SLU
196Max	108	-3027.32	3SLE R	-12.99	3SLE R	-0.19	3SLE R	-0.32	3SLE R
196Max	109	-3017.80	3SLE R	-12.99	3SLE R	-0.13	3SLE R	-0.39	3SLE R
196Max	1110	-1992.35	3SLE R	-12.99	3SLE R	-0.99	3SLE R	-0.39	3SLE R
196Max	1109	-2059.01	3SLE R	-12.99	3SLE R	-0.90	3SLE R	-0.32	3SLE R
196Min.	108	-4186.21	2SLU	-17.90	2SLU	-0.26	2SLU	-0.46	2SLU
196Min.	109	-4172.73	2SLU	-17.90	2SLU	-0.18	2SLU	-0.56	2SLU
196Min.	1110	-2837.40	2SLU	-17.90	2SLU	-1.40	2SLU	-0.56	2SLU
196Min.	1109	-2929.66	2SLU	-17.90	2SLU	-1.27	2SLU	-0.46	2SLU
196Max	-347	-999.62	3SLE R	-6.08	3SLE R	0.20	2SLU	-0.42	3SLE R
196Max	-108	-1003.38	3SLE R	-6.08	3SLE R	0.21	2SLU	-0.43	3SLE R
196Max	-229	-508.75	3SLE R	-6.08	3SLE R	-0.80	3SLE R	-0.43	3SLE R
196Max	-348	-531.75	3SLE R	-6.08	3SLE R	-0.79	3SLE R	-0.42	3SLE R
196Min.	-347	-1379.33	2SLU	-8.41	2SLU	0.14	3SLE R	-0.60	2SLU
196Min.	-108	-1384.47	2SLU	-8.41	2SLU	0.15	3SLE R	-0.60	2SLU
196Min.	-229	-740.35	2SLU	-8.41	2SLU	-1.12	2SLU	-0.60	2SLU
196Min.	-348	-772.20	2SLU	-8.41	2SLU	-1.11	2SLU	-0.60	2SLU
196Max	105	-2330.27	3SLE R	10.79	2SLU	0.31	2SLU	0.17	2SLU
196Max	104	-2330.02	3SLE R	10.79	2SLU	0.34	2SLU	0.13	2SLU
196Max	1105	-1659.80	3SLE R	10.79	2SLU	0.63	2SLU	0.13	2SLU
196Max	1106	-1625.48	3SLE R	10.79	2SLU	0.67	2SLU	0.17	2SLU
196Min.	105	-3223.08	2SLU	7.86	3SLE R	0.22	3SLE R	0.12	3SLE R
196Min.	104	-3222.94	2SLU	7.86	3SLE R	0.24	3SLE R	0.09	3SLE R
196Min.	1105	-2352.94	2SLU	7.86	3SLE R	0.44	3SLE R	0.09	3SLE R
196Min.	1106	-2305.59	2SLU	7.86	3SLE R	0.47	3SLE R	0.12	3SLE R
196Max	111	-2734.06	3SLE R	-13.82	3SLE R	-0.03	3SLE R	-0.51	3SLE R
196Max	-104	-2723.91	3SLE R	-13.82	3SLE R	0.05	1SLU	-0.58	3SLE R
196Max	-225	-1689.75	3SLE R	-13.82	3SLE R	-1.25	3SLE R	-0.58	3SLE R
196Max	1112	-1760.72	3SLE R	-13.82	3SLE R	-1.15	3SLE R	-0.51	3SLE R
196Min.	111	-3778.84	2SLU	-19.11	2SLU	-0.04	2SLU	-0.72	2SLU
196Min.	-104	-3764.54	2SLU	-19.11	2SLU	0.03	4SLE R	-0.82	2SLU
196Min.	-225	-2417.63	2SLU	-19.11	2SLU	-1.76	2SLU	-0.82	2SLU
196Min.	1112	-2516.00	2SLU	-19.11	2SLU	-1.63	2SLU	-0.72	2SLU
196Max	-105	-2486.30	3SLE R	-14.47	3SLE R	0.14	2SLU	-0.65	3SLE R
196Max	-106	-2476.58	3SLE R	-14.47	3SLE R	0.22	2SLU	-0.73	3SLE R
196Max	-227	-1440.99	3SLE R	-14.47	3SLE R	-1.44	3SLE R	-0.73	3SLE R



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196	Max	-226	-1514.38	3	SLE R	-14.47	3	SLE R	-1.35	3	SLE R	-0.65	3	SLE R
196	Min.	-105	-3434.60	2	SLU	-20.02	2	SLU	0.10	3	SLE R	-0.92	2	SLU
196	Min.	-106	-3420.91	2	SLU	-20.02	2	SLU	0.16	3	SLE R	-1.02	2	SLU
196	Min.	-227	-2071.98	2	SLU	-20.02	2	SLU	-2.03	2	SLU	-1.02	2	SLU
196	Min.	-226	-2173.77	2	SLU	-20.02	2	SLU	-1.90	2	SLU	-0.92	2	SLU
197	Max	121	-2724.10	3	SLE R	15.72	2	SLU	0.44	2	SLU	0.24	2	SLU
197	Max	120	-2738.37	3	SLE R	15.72	2	SLU	0.50	2	SLU	0.18	2	SLU
197	Max	1121	-1766.78	3	SLE R	15.72	2	SLU	0.90	2	SLU	0.18	2	SLU
197	Max	1122	-1701.95	3	SLE R	15.72	2	SLU	0.98	2	SLU	0.24	2	SLU
197	Min.	121	-3748.15	2	SLU	11.49	3	SLE R	0.32	3	SLE R	0.17	3	SLE R
197	Min.	120	-3768.42	2	SLU	11.49	3	SLE R	0.36	3	SLE R	0.13	3	SLE R
197	Min.	1121	-2507.05	2	SLU	11.49	3	SLE R	0.63	3	SLE R	0.13	3	SLE R
197	Min.	1122	-2417.64	2	SLU	11.49	3	SLE R	0.69	3	SLE R	0.17	3	SLE R
197	Max	120	-1854.32	3	SLE R	11.49	1	SLU	0.33	2	SLU	0.12	2	SLU
197	Max	119	-1852.67	3	SLE R	11.49	1	SLU	0.35	2	SLU	0.09	2	SLU
197	Max	1120	-1218.03	3	SLE R	11.49	1	SLU	0.56	2	SLU	0.09	2	SLU
197	Max	1121	-1182.71	3	SLE R	11.49	1	SLU	0.59	2	SLU	0.12	2	SLU
197	Min.	120	-2551.92	2	SLU	8.30	4	SLE R	0.23	3	SLE R	0.08	3	SLE R
197	Min.	119	-2550.34	2	SLU	8.30	4	SLE R	0.25	3	SLE R	0.06	3	SLE R
197	Min.	1120	-1726.20	2	SLU	8.30	4	SLE R	0.39	3	SLE R	0.06	3	SLE R
197	Min.	1121	-1677.93	2	SLU	8.30	4	SLE R	0.42	3	SLE R	0.08	3	SLE R
197	Max	129	-1795.37	3	SLE R	21.13	2	SLU	-0.00	3	SLE R	0.74	2	SLU
197	Max	128	-1807.23	3	SLE R	21.13	2	SLU	0.05	2	SLU	0.67	2	SLU
197	Max	1129	-844.07	3	SLE R	21.13	2	SLU	1.53	2	SLU	0.67	2	SLU
197	Max	1130	-764.78	3	SLE R	21.13	2	SLU	1.61	2	SLU	0.74	2	SLU
197	Min.	129	-2458.94	2	SLU	15.32	3	SLE R	-0.01	2	SLU	0.52	3	SLE R
197	Min.	128	-2475.80	2	SLU	15.32	3	SLE R	0.04	3	SLE R	0.47	3	SLE R
197	Min.	1129	-1226.36	2	SLU	15.32	3	SLE R	1.08	3	SLE R	0.47	3	SLE R
197	Min.	1130	-1116.51	2	SLU	15.32	3	SLE R	1.14	3	SLE R	0.52	3	SLE R
197	Max	132	-624.76	3	SLE R	6.96	2	SLU	-0.04	3	SLE R	0.36	2	SLU
197	Max	131	-621.66	3	SLE R	6.96	2	SLU	-0.03	3	SLE R	0.35	2	SLU
197	Max	1132	-220.26	3	SLE R	6.96	2	SLU	0.72	2	SLU	0.35	2	SLU
197	Max	1133	-201.17	3	SLE R	6.96	2	SLU	0.73	2	SLU	0.36	2	SLU
197	Min.	132	-853.22	2	SLU	5.04	3	SLE R	-0.05	2	SLU	0.25	3	SLE R
197	Min.	131	-849.02	2	SLU	5.04	3	SLE R	-0.04	2	SLU	0.24	3	SLE R
197	Min.	1132	-328.09	2	SLU	5.04	3	SLE R	0.51	3	SLE R	0.24	3	SLE R
197	Min.	1133	-301.65	2	SLU	5.04	3	SLE R	0.52	3	SLE R	0.25	3	SLE R
197	Max	118	-2166.53	3	SLE R	6.59	2	SLU	0.45	2	SLU	0.01	1	SLU
197	Max	117	-2174.72	3	SLE R	6.59	2	SLU	0.48	2	SLU	-0.02	3	SLE R
197	Max	1118	-1497.23	3	SLE R	6.59	2	SLU	0.44	2	SLU	-0.02	3	SLE R
197	Max	1119	-1469.02	3	SLE R	6.59	2	SLU	0.48	2	SLU	0.01	1	SLU
197	Min.	118	-2984.49	2	SLU	4.55	3	SLE R	0.32	3	SLE R	0.00	4	SLE R
197	Min.	117	-2995.24	2	SLU	4.55	3	SLE R	0.34	3	SLE R	-0.02	2	SLU
197	Min.	1118	-2115.98	2	SLU	4.55	3	SLE R	0.31	3	SLE R	-0.02	2	SLU
197	Min.	1119	-2076.25	2	SLU	4.55	3	SLE R	0.33	3	SLE R	0.00	4	SLE R
197	Max	122	-1276.54	3	SLE R	6.50	2	SLU	0.20	2	SLU	0.13	2	SLU
197	Max	121	-1275.37	3	SLE R	6.50	2	SLU	0.21	2	SLU	0.12	2	SLU
197	Max	1122	-804.58	3	SLE R	6.50	2	SLU	0.47	2	SLU	0.12	2	SLU
197	Max	1123	-784.83	3	SLE R	6.50	2	SLU	0.49	2	SLU	0.13	2	SLU
197	Min.	122	-1756.03	2	SLU	4.75	3	SLE R	0.14	3	SLE R	0.09	3	SLE R
197	Min.	121	-1754.62	2	SLU	4.75	3	SLE R	0.15	3	SLE R	0.08	3	SLE R
197	Min.	1122	-1143.29	2	SLU	4.75	3	SLE R	0.33	3	SLE R	0.08	3	SLE R
197	Min.	1123	-1116.11	2	SLU	4.75	3	SLE R	0.35	3	SLE R	0.09	3	SLE R
197	Max	125	-2343.50	3	SLE R	17.79	2	SLU	0.25	2	SLU	0.45	2	SLU
197	Max	124	-2356.84	3	SLE R	17.79	2	SLU	0.31	2	SLU	0.39	2	SLU
197	Max	1125	-1388.49	3	SLE R	17.79	2	SLU	1.16	2	SLU	0.39	2	SLU
197	Max	1126	-1318.11	3	SLE R	17.79	2	SLU	1.25	2	SLU	0.45	2	SLU
197	Min.	125	-3220.29	2	SLU	12.96	3	SLE R	0.18	3	SLE R	0.32	3	SLE R
197	Min.	124	-3239.25	2	SLU	12.96	3	SLE R	0.22	3	SLE R	0.27	3	SLE R
197	Min.	1125	-1982.46	2	SLU	12.96	3	SLE R	0.82	3	SLE R	0.27	3	SLE R
197	Min.	1126	-1885.21	2	SLU	12.96	3	SLE R	0.88	3	SLE R	0.32	3	SLE R
197	Max	124	-1607.19	3	SLE R	10.98	2	SLU	0.20	2	SLU	0.25	2	SLU
197	Max	123	-1607.21	3	SLE R	10.98	2	SLU	0.23	2	SLU	0.22	2	SLU
197	Max	1124	-971.71	3	SLE R	10.98	2	SLU	0.72	2	SLU	0.22	2	SLU
197	Max	1125	-936.45	3	SLE R	10.98	2	SLU	0.76	2	SLU	0.25	2	SLU
197	Min.	124	-2209.47	2	SLU	8.01	3	SLE R	0.15	3	SLE R	0.18	3	SLE R
197	Min.	123	-2209.79	2	SLU	8.01	3	SLE R	0.17	3	SLE R	0.16	3	SLE R
197	Min.	1124	-1384.88	2	SLU	8.01	3	SLE R	0.51	3	SLE R	0.16	3	SLE R
197	Min.	1125	-1336.25	2	SLU	8.01	3	SLE R	0.54	3	SLE R	0.18	3	SLE R
197	Max	130	-706.50	3	SLE R	6.78	2	SLU	-0.01	3	SLE R	0.32	2	SLU



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197	Max	129	-703.57	3	SLE R	6.78	2	SLU	-0.00	3	SLE R	0.31	2	SLU
197	Max	1130	-301.88	3	SLE R	6.78	2	SLU	0.67	2	SLU	0.31	2	SLU
197	Max	1131	-283.19	3	SLE R	6.78	2	SLU	0.68	2	SLU	0.32	2	SLU
197	Min.	130	-966.88	2	SLU	4.91	3	SLE R	-0.02	2	SLU	0.22	3	SLE R
197	Min.	129	-962.93	2	SLU	4.91	3	SLE R	-0.00	2	SLU	0.22	3	SLE R
197	Min.	1130	-441.60	2	SLU	4.91	3	SLE R	0.47	3	SLE R	0.22	3	SLE R
197	Min.	1131	-415.72	2	SLU	4.91	3	SLE R	0.48	3	SLE R	0.22	3	SLE R
197	Max	128	-1389.65	3	SLE R	15.02	2	SLU	0.04	2	SLU	0.49	2	SLU
197	Max	-121	-1389.19	3	SLE R	15.02	2	SLU	0.07	2	SLU	0.45	2	SLU
197	Max	-242	-691.32	3	SLE R	15.02	2	SLU	1.06	2	SLU	0.45	2	SLU
197	Max	1129	-643.77	3	SLE R	15.02	2	SLU	1.11	2	SLU	0.49	2	SLU
197	Min.	128	-1905.06	2	SLU	10.91	3	SLE R	0.03	3	SLE R	0.34	3	SLE R
197	Min.	-121	-1904.73	2	SLU	10.91	3	SLE R	0.05	3	SLE R	0.32	3	SLE R
197	Min.	-242	-999.34	2	SLU	10.91	3	SLE R	0.75	3	SLE R	0.32	3	SLE R
197	Min.	1129	-933.57	2	SLU	10.91	3	SLE R	0.78	3	SLE R	0.34	3	SLE R
197	Max	119	-3020.49	3	SLE R	15.53	2	SLU	0.56	2	SLU	0.15	2	SLU
197	Max	-120	-3037.14	3	SLE R	15.53	2	SLU	0.62	2	SLU	0.08	2	SLU
197	Max	-241	-2030.88	3	SLE R	15.53	2	SLU	0.80	2	SLU	0.08	2	SLU
197	Max	1120	-1964.25	3	SLE R	15.53	2	SLU	0.88	2	SLU	0.15	2	SLU
197	Min.	119	-4158.07	2	SLU	11.36	3	SLE R	0.40	3	SLE R	0.10	3	SLE R
197	Min.	-120	-4181.64	2	SLU	11.36	3	SLE R	0.44	3	SLE R	0.05	3	SLE R
197	Min.	-241	-2875.18	2	SLU	11.36	3	SLE R	0.56	3	SLE R	0.05	3	SLE R
197	Min.	1120	-2783.28	2	SLU	11.36	3	SLE R	0.62	3	SLE R	0.10	3	SLE R
197	Max	-121	-1459.79	3	SLE R	14.61	2	SLU	0.07	2	SLU	0.45	2	SLU
197	Max	127	-1459.66	3	SLE R	14.61	2	SLU	0.10	2	SLU	0.41	2	SLU
197	Max	1128	-761.14	3	SLE R	14.61	2	SLU	1.01	2	SLU	0.41	2	SLU
197	Max	-242	-714.56	3	SLE R	14.61	2	SLU	1.06	2	SLU	0.45	2	SLU
197	Min.	-121	-2002.52	2	SLU	10.62	3	SLE R	0.05	3	SLE R	0.32	3	SLE R
197	Min.	127	-2002.64	2	SLU	10.62	3	SLE R	0.07	3	SLE R	0.29	3	SLE R
197	Min.	1128	-1096.35	2	SLU	10.62	3	SLE R	0.72	3	SLE R	0.29	3	SLE R
197	Min.	-242	-1031.95	2	SLU	10.62	3	SLE R	0.75	3	SLE R	0.32	3	SLE R
197	Max	126	-1622.42	3	SLE R	13.55	2	SLU	0.15	2	SLU	0.36	2	SLU
197	Max	125	-1623.09	3	SLE R	13.55	2	SLU	0.18	2	SLU	0.33	2	SLU
197	Max	1126	-922.92	3	SLE R	13.55	2	SLU	0.91	2	SLU	0.33	2	SLU
197	Max	1127	-878.83	3	SLE R	13.55	2	SLU	0.95	2	SLU	0.36	2	SLU
197	Min.	126	-2228.38	2	SLU	9.87	3	SLE R	0.11	3	SLE R	0.26	3	SLE R
197	Min.	125	-2229.63	2	SLU	9.87	3	SLE R	0.13	3	SLE R	0.23	3	SLE R
197	Min.	1126	-1321.02	2	SLU	9.87	3	SLE R	0.64	3	SLE R	0.23	3	SLE R
197	Min.	1127	-1260.12	2	SLU	9.87	3	SLE R	0.67	3	SLE R	0.26	3	SLE R
197	Max	131	-1599.54	3	SLE R	21.90	2	SLU	-0.07	3	SLE R	0.83	2	SLU
197	Max	130	-1611.06	3	SLE R	21.90	2	SLU	-0.02	3	SLE R	0.77	2	SLU
197	Max	1131	-649.09	3	SLE R	21.90	2	SLU	1.65	2	SLU	0.77	2	SLU
197	Max	1132	-567.77	3	SLE R	21.90	2	SLU	1.74	2	SLU	0.83	2	SLU
197	Min.	131	-2186.66	2	SLU	15.86	3	SLE R	-0.10	2	SLU	0.59	3	SLE R
197	Min.	130	-2203.05	2	SLU	15.86	3	SLE R	-0.03	2	SLU	0.54	3	SLE R
197	Min.	1131	-955.28	2	SLU	15.86	3	SLE R	1.17	3	SLE R	0.54	3	SLE R
197	Min.	1132	-842.56	2	SLU	15.86	3	SLE R	1.23	3	SLE R	0.59	3	SLE R
197	Max	134	-858.07	3	SLE R	18.03	1	SLU	-0.14	3	SLE R	0.75	2	SLU
197	Max	-122	-853.67	3	SLE R	18.03	1	SLU	-0.12	3	SLE R	0.71	2	SLU
197	Max	-243	-160.67	3	SLE R	18.03	1	SLU	1.39	2	SLU	0.71	2	SLU
197	Max	1135	-107.32	3	SLE R	18.03	1	SLU	1.44	2	SLU	0.75	2	SLU
197	Min.	134	-1165.57	2	SLU	13.05	4	SLE R	-0.20	2	SLU	0.53	3	SLE R
197	Min.	-122	-1160.21	2	SLU	13.05	4	SLE R	-0.17	2	SLU	0.50	3	SLE R
197	Min.	-243	-261.18	2	SLU	13.05	4	SLE R	0.99	3	SLE R	0.50	3	SLE R
197	Min.	1135	-187.73	2	SLU	13.05	4	SLE R	1.02	3	SLE R	0.53	3	SLE R
197	Max	123	-2547.02	3	SLE R	16.46	2	SLU	0.35	2	SLU	0.34	2	SLU
197	Max	122	-2560.96	3	SLE R	16.46	2	SLU	0.42	2	SLU	0.27	2	SLU
197	Max	1123	-1590.53	3	SLE R	16.46	2	SLU	1.02	2	SLU	0.27	2	SLU
197	Max	1124	-1523.71	3	SLE R	16.46	2	SLU	1.11	2	SLU	0.34	2	SLU
197	Min.	123	-3502.65	2	SLU	12.02	3	SLE R	0.25	3	SLE R	0.24	3	SLE R
197	Min.	122	-3522.44	2	SLU	12.02	3	SLE R	0.30	3	SLE R	0.19	3	SLE R
197	Min.	1123	-2262.71	2	SLU	12.02	3	SLE R	0.72	3	SLE R	0.19	3	SLE R
197	Min.	1124	-2170.50	2	SLU	12.02	3	SLE R	0.78	3	SLE R	0.24	3	SLE R
197	Max	-122	-932.26	3	SLE R	18.14	1	SLU	-0.12	3	SLE R	0.71	2	SLU
197	Max	133	-927.78	3	SLE R	18.14	1	SLU	-0.09	3	SLE R	0.67	2	SLU
197	Max	1134	-234.95	3	SLE R	18.14	1	SLU	1.35	2	SLU	0.67	2	SLU
197	Max	-243	-181.33	3	SLE R	18.14	1	SLU	1.39	2	SLU	0.71	2	SLU
197	Min.	-122	-1268.79	2	SLU	13.13	4	SLE R	-0.17	2	SLU	0.50	3	SLE R
197	Min.	133	-1263.31	2	SLU	13.13	4	SLE R	-0.14	2	SLU	0.48	3	SLE R
197	Min.	1134	-364.52	2	SLU	13.13	4	SLE R	0.95	3	SLE R	0.48	3	SLE R



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197	Min.	-243	-290.69	2	SLU	13.13	4	SLE R	0.99	3	SLE R	0.50	3	SLE R
197	Max	-120	-3144.71	3	SLE R	15.21	2	SLU	0.62	2	SLU	0.08	2	SLU
197	Max	118	-3161.48	3	SLE R	15.21	2	SLU	0.68	2	SLU	0.02	1	SLU
197	Max	1119	-2154.72	3	SLE R	15.21	2	SLU	0.72	2	SLU	0.02	1	SLU
197	Max	-241	-2088.97	3	SLE R	15.21	2	SLU	0.80	2	SLU	0.08	2	SLU
197	Min.	-120	-4330.31	2	SLU	11.13	3	SLE R	0.44	3	SLE R	0.05	3	SLE R
197	Min.	118	-4354.06	2	SLU	11.13	3	SLE R	0.49	3	SLE R	0.01	4	SLE R
197	Min.	1119	-3046.90	2	SLU	11.13	3	SLE R	0.50	3	SLE R	0.01	4	SLE R
197	Min.	-241	-2956.22	2	SLU	11.13	3	SLE R	0.56	3	SLE R	0.05	3	SLE R
197	Max	127	-2123.06	3	SLE R	19.26	2	SLU	0.14	2	SLU	0.57	2	SLU
197	Max	126	-2135.76	3	SLE R	19.26	2	SLU	0.21	2	SLU	0.50	2	SLU
197	Max	1127	-1169.68	3	SLE R	19.26	2	SLU	1.31	2	SLU	0.50	2	SLU
197	Max	1128	-1095.39	3	SLE R	19.26	2	SLU	1.40	2	SLU	0.57	2	SLU
197	Min.	127	-2914.26	2	SLU	14.00	3	SLE R	0.10	3	SLE R	0.40	3	SLE R
197	Min.	126	-2932.29	2	SLU	14.00	3	SLE R	0.15	3	SLE R	0.35	3	SLE R
197	Min.	1127	-1678.73	2	SLU	14.00	3	SLE R	0.93	3	SLE R	0.35	3	SLE R
197	Min.	1128	-1575.95	2	SLU	14.00	3	SLE R	0.99	3	SLE R	0.40	3	SLE R
197	Max	133	-1400.60	3	SLE R	22.29	2	SLU	-0.13	3	SLE R	0.93	2	SLU
197	Max	132	-1411.95	3	SLE R	22.29	2	SLU	-0.08	3	SLE R	0.86	2	SLU
197	Max	1133	-450.57	3	SLE R	22.29	2	SLU	1.77	2	SLU	0.86	2	SLU
197	Max	1134	-368.23	3	SLE R	22.29	2	SLU	1.86	2	SLU	0.93	2	SLU
197	Min.	133	-1909.96	2	SLU	16.14	3	SLE R	-0.18	2	SLU	0.66	3	SLE R
197	Min.	132	-1926.10	2	SLU	16.14	3	SLE R	-0.12	2	SLU	0.61	3	SLE R
197	Min.	1133	-679.19	2	SLU	16.14	3	SLE R	1.25	3	SLE R	0.61	3	SLE R
197	Min.	1134	-564.99	2	SLU	16.14	3	SLE R	1.32	3	SLE R	0.66	3	SLE R
198	Max	-9	-4773.17	3	SLE R	-3.75	3	SLE R	-0.12	3	SLE R	-0.37	3	SLE R
198	Max	-10	-4770.42	3	SLE R	-3.75	3	SLE R	-0.06	3	SLE R	-0.44	3	SLE R
198	Max	-132	-3827.17	3	SLE R	-3.75	3	SLE R	-1.03	3	SLE R	-0.44	3	SLE R
198	Max	-131	-3846.42	3	SLE R	-3.75	3	SLE R	-0.93	3	SLE R	-0.37	3	SLE R
198	Min.	-9	-6654.88	2	SLU	-5.28	2	SLU	-0.17	2	SLU	-0.52	2	SLU
198	Min.	-10	-6651.27	2	SLU	-5.28	2	SLU	-0.08	2	SLU	-0.62	2	SLU
198	Min.	-132	-5424.15	2	SLU	-5.28	2	SLU	-1.44	2	SLU	-0.62	2	SLU
198	Min.	-131	-5451.00	2	SLU	-5.28	2	SLU	-1.31	2	SLU	-0.52	2	SLU
198	Max	13	-3585.84	3	SLE R	-1.68	4	SLE R	0.18	2	SLU	-0.55	3	SLE R
198	Max	-13	-3584.35	3	SLE R	-1.68	4	SLE R	0.24	2	SLU	-0.60	3	SLE R
198	Max	-135	-2858.73	3	SLE R	-1.68	4	SLE R	-1.15	3	SLE R	-0.60	3	SLE R
198	Max	1013	-2867.72	3	SLE R	-1.68	4	SLE R	-1.08	3	SLE R	-0.55	3	SLE R
198	Min.	13	-5000.05	2	SLU	-2.50	1	SLU	0.13	3	SLE R	-0.77	2	SLU
198	Min.	-13	-4998.19	2	SLU	-2.50	1	SLU	0.17	3	SLE R	-0.84	2	SLU
198	Min.	-135	-4054.31	2	SLU	-2.50	1	SLU	-1.61	2	SLU	-0.84	2	SLU
198	Min.	1013	-4067.05	2	SLU	-2.50	1	SLU	-1.52	2	SLU	-0.77	2	SLU
198	Max	12	-3869.17	3	SLE R	-2.69	4	SLE R	0.00	1	SLU	-0.42	3	SLE R
198	Max	-11	-3868.13	3	SLE R	-2.69	4	SLE R	0.07	1	SLU	-0.48	3	SLE R
198	Max	-133	-3094.50	3	SLE R	-2.69	4	SLE R	-1.00	3	SLE R	-0.48	3	SLE R
198	Max	1012	-3107.38	3	SLE R	-2.69	4	SLE R	-0.92	3	SLE R	-0.42	3	SLE R
198	Min.	12	-5394.92	2	SLU	-3.83	1	SLU	0.00	4	SLE R	-0.59	2	SLU
198	Min.	-11	-5393.68	2	SLU	-3.83	1	SLU	0.05	4	SLE R	-0.67	2	SLU
198	Min.	-133	-4387.24	2	SLU	-3.83	1	SLU	-1.40	2	SLU	-0.67	2	SLU
198	Min.	1012	-4405.31	2	SLU	-3.83	1	SLU	-1.29	2	SLU	-0.59	2	SLU
198	Max	16	-3496.68	3	SLE R	-1.01	4	SLE R	0.53	2	SLU	-0.85	3	SLE R
198	Max	-17	-3494.49	3	SLE R	-1.01	4	SLE R	0.58	2	SLU	-0.89	3	SLE R
198	Max	-139	-2770.30	3	SLE R	-1.01	4	SLE R	-1.55	3	SLE R	-0.89	3	SLE R
198	Max	1016	-2777.11	3	SLE R	-1.01	4	SLE R	-1.49	3	SLE R	-0.85	3	SLE R
198	Min.	16	-4875.15	2	SLU	-1.68	1	SLU	0.38	3	SLE R	-1.19	2	SLU
198	Min.	-17	-4872.37	2	SLU	-1.68	1	SLU	0.42	3	SLE R	-1.24	2	SLU
198	Min.	-139	-3930.39	2	SLU	-1.68	1	SLU	-2.16	2	SLU	-1.24	2	SLU
198	Min.	1016	-3940.26	2	SLU	-1.68	1	SLU	-2.08	2	SLU	-1.19	2	SLU
198	Max	-10	-4741.47	3	SLE R	-3.55	3	SLE R	-0.06	3	SLE R	-0.44	3	SLE R
198	Max	12	-4738.57	3	SLE R	-3.55	3	SLE R	0.00	1	SLU	-0.51	3	SLE R
198	Max	1012	-3795.76	3	SLE R	-3.55	3	SLE R	-1.12	3	SLE R	-0.51	3	SLE R
198	Max	-132	-3814.28	3	SLE R	-3.55	3	SLE R	-1.03	3	SLE R	-0.44	3	SLE R
198	Min.	-10	-6610.99	2	SLU	-5.02	2	SLU	-0.08	2	SLU	-0.62	2	SLU
198	Min.	12	-6607.19	2	SLU	-5.02	2	SLU	0.00	4	SLE R	-0.72	2	SLU
198	Min.	1012	-5380.64	2	SLU	-5.02	2	SLU	-1.57	2	SLU	-0.72	2	SLU
198	Min.	-132	-5406.53	2	SLU	-5.02	2	SLU	-1.44	2	SLU	-0.62	2	SLU
198	Max	-18	-3470.36	3	SLE R	-1.31	4	SLE R	0.63	2	SLU	-0.94	3	SLE R
198	Max	17	-3468.49	3	SLE R	-1.31	4	SLE R	0.68	2	SLU	-0.98	3	SLE R
198	Max	1017	-2743.64	3	SLE R	-1.31	4	SLE R	-1.66	3	SLE R	-0.98	3	SLE R
198	Max	-140	-2751.46	3	SLE R	-1.31	4	SLE R	-1.61	3	SLE R	-0.94	3	SLE R
198	Min.	-18	-4838.08	2	SLU	-2.11	1	SLU	0.45	3	SLE R	-1.30	2	SLU



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198Min.	17	-4835.76	2SLU	-2.11	1SLU	0.49	3SLE R	-1.36	2SLU
198Min.	1017	-3892.81	2SLU	-2.11	1SLU	-2.32	2SLU	-1.36	2SLU
198Min.	-140	-3904.14	2SLU	-2.11	1SLU	-2.24	2SLU	-1.30	2SLU
198Max	-12	-3830.72	3SLE R	-2.04	4SLE R	0.13	1SLU	-0.53	3SLE R
198Max	13	-3829.05	3SLE R	-2.04	4SLE R	0.20	2SLU	-0.59	3SLE R
198Max	1013	-3056.82	3SLE R	-2.04	4SLE R	-1.15	3SLE R	-0.59	3SLE R
198Max	-134	-3067.54	3SLE R	-2.04	4SLE R	-1.08	3SLE R	-0.53	3SLE R
198Min.	-12	-5341.48	2SLU	-2.98	1SLU	0.10	4SLE R	-0.74	2SLU
198Min.	13	-5339.37	2SLU	-2.98	1SLU	0.14	3SLE R	-0.82	2SLU
198Min.	1013	-4334.83	2SLU	-2.98	1SLU	-1.61	2SLU	-0.82	2SLU
198Min.	-134	-4349.97	2SLU	-2.98	1SLU	-1.51	2SLU	-0.74	2SLU
198Max	-13	-3570.96	3SLE R	-1.55	4SLE R	0.24	2SLU	-0.60	3SLE R
198Max	-14	-3569.33	3SLE R	-1.55	4SLE R	0.30	2SLU	-0.65	3SLE R
198Max	-136	-2844.00	3SLE R	-1.55	4SLE R	-1.22	3SLE R	-0.65	3SLE R
198Max	-135	-2852.55	3SLE R	-1.55	4SLE R	-1.15	3SLE R	-0.60	3SLE R
198Min.	-13	-4979.31	2SLU	-2.33	1SLU	0.17	3SLE R	-0.84	2SLU
198Min.	-14	-4977.25	2SLU	-2.33	1SLU	0.21	3SLE R	-0.91	2SLU
198Min.	-136	-4033.77	2SLU	-2.33	1SLU	-1.71	2SLU	-0.91	2SLU
198Min.	-135	-4045.92	2SLU	-2.33	1SLU	-1.61	2SLU	-0.84	2SLU
198Max	15	-3701.93	3SLE R	-4.89	4SLE R	0.39	2SLU	-0.75	3SLE R
198Max	-15	-3708.42	3SLE R	-4.89	4SLE R	0.44	2SLU	-0.80	3SLE R
198Max	-137	-2940.31	3SLE R	-4.89	4SLE R	-1.43	3SLE R	-0.80	3SLE R
198Max	1015	-2957.55	3SLE R	-4.89	4SLE R	-1.37	3SLE R	-0.75	3SLE R
198Min.	15	-5162.53	2SLU	-7.74	1SLU	0.28	3SLE R	-1.05	2SLU
198Min.	-15	-5170.37	2SLU	-7.74	1SLU	0.32	3SLE R	-1.11	2SLU
198Min.	-137	-4171.88	2SLU	-7.74	1SLU	-2.00	2SLU	-1.11	2SLU
198Min.	1015	-4194.77	2SLU	-7.74	1SLU	-1.91	2SLU	-1.05	2SLU
198Max	-17	-3483.77	3SLE R	-1.10	4SLE R	0.58	2SLU	-0.89	3SLE R
198Max	-18	-3481.68	3SLE R	-1.10	4SLE R	0.63	2SLU	-0.94	3SLE R
198Max	-140	-2757.29	3SLE R	-1.10	4SLE R	-1.61	3SLE R	-0.94	3SLE R
198Max	-139	-2764.41	3SLE R	-1.10	4SLE R	-1.55	3SLE R	-0.89	3SLE R
198Min.	-17	-4856.98	2SLU	-1.81	1SLU	0.42	3SLE R	-1.24	2SLU
198Min.	-18	-4854.34	2SLU	-1.81	1SLU	0.45	3SLE R	-1.30	2SLU
198Min.	-140	-3912.05	2SLU	-1.81	1SLU	-2.24	2SLU	-1.30	2SLU
198Min.	-139	-3922.38	2SLU	-1.81	1SLU	-2.16	2SLU	-1.24	2SLU
198Max	-7	-4840.92	3SLE R	-4.49	3SLE R	-0.23	3SLE R	-0.23	3SLE R
198Max	-8	-4838.72	3SLE R	-4.49	3SLE R	-0.18	3SLE R	-0.30	3SLE R
198Max	-130	-3893.84	3SLE R	-4.49	3SLE R	-0.83	3SLE R	-0.30	3SLE R
198Max	-129	-3915.80	3SLE R	-4.49	3SLE R	-0.74	3SLE R	-0.23	3SLE R
198Min.	-7	-6748.57	2SLU	-6.29	2SLU	-0.33	2SLU	-0.32	2SLU
198Min.	-8	-6745.71	2SLU	-6.29	2SLU	-0.25	2SLU	-0.42	2SLU
198Min.	-130	-5516.37	2SLU	-6.29	2SLU	-1.17	2SLU	-0.42	2SLU
198Min.	-129	-5546.90	2SLU	-6.29	2SLU	-1.04	2SLU	-0.32	2SLU
198Max	-8	-4806.16	3SLE R	-4.07	3SLE R	-0.18	3SLE R	-0.30	3SLE R
198Max	-9	-4803.65	3SLE R	-4.07	3SLE R	-0.12	3SLE R	-0.37	3SLE R
198Max	-131	-3859.68	3SLE R	-4.07	3SLE R	-0.93	3SLE R	-0.37	3SLE R
198Max	-130	-3880.12	3SLE R	-4.07	3SLE R	-0.83	3SLE R	-0.30	3SLE R
198Min.	-8	-6700.51	2SLU	-5.72	2SLU	-0.25	2SLU	-0.42	2SLU
198Min.	-9	-6697.23	2SLU	-5.72	2SLU	-0.17	2SLU	-0.52	2SLU
198Min.	-131	-5469.14	2SLU	-5.72	2SLU	-1.31	2SLU	-0.52	2SLU
198Min.	-130	-5497.60	2SLU	-5.72	2SLU	-1.17	2SLU	-0.42	2SLU
198Max	-11	-3849.33	3SLE R	-2.34	4SLE R	0.07	1SLU	-0.48	3SLE R
198Max	-12	-3847.96	3SLE R	-2.34	4SLE R	0.13	1SLU	-0.53	3SLE R
198Max	-134	-3075.08	3SLE R	-2.34	4SLE R	-1.08	3SLE R	-0.53	3SLE R
198Max	-133	-3086.80	3SLE R	-2.34	4SLE R	-1.00	3SLE R	-0.48	3SLE R
198Min.	-11	-5367.37	2SLU	-3.38	1SLU	0.05	4SLE R	-0.67	2SLU
198Min.	-12	-5365.66	2SLU	-3.38	1SLU	0.10	4SLE R	-0.74	2SLU
198Min.	-134	-4360.24	2SLU	-3.38	1SLU	-1.51	2SLU	-0.74	2SLU
198Min.	-133	-4376.74	2SLU	-3.38	1SLU	-1.40	2SLU	-0.67	2SLU
198Max	11	-4877.80	3SLE R	-4.96	3SLE R	-0.29	3SLE R	-0.16	3SLE R
198Max	-7	-4875.95	3SLE R	-4.96	3SLE R	-0.23	3SLE R	-0.23	3SLE R
198Max	-129	-3930.03	3SLE R	-4.96	3SLE R	-0.74	3SLE R	-0.23	3SLE R
198Max	1011	-3953.71	3SLE R	-4.96	3SLE R	-0.64	3SLE R	-0.16	3SLE R
198Min.	11	-6799.52	2SLU	-6.94	2SLU	-0.41	2SLU	-0.22	2SLU
198Min.	-7	-6797.14	2SLU	-6.94	2SLU	-0.33	2SLU	-0.32	2SLU
198Min.	-129	-5566.38	2SLU	-6.94	2SLU	-1.04	2SLU	-0.32	2SLU
198Min.	1011	-5599.28	2SLU	-6.94	2SLU	-0.91	2SLU	-0.22	2SLU
198Max	14	-1013.24	3SLE R	-0.19	4SLE R	0.10	2SLU	-0.20	3SLE R
198Max	15	-1013.24	3SLE R	-0.19	4SLE R	0.11	2SLU	-0.20	3SLE R
198Max	1015	-806.57	3SLE R	-0.19	4SLE R	-0.37	3SLE R	-0.20	3SLE R



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198Max	1014	-807.41	3SLE R	-0.19	4SLE R	-0.37	3SLE R	-0.20	3SLE R
198Min.	14	-1412.85	2SLU	-0.28	1SLU	0.07	3SLE R	-0.28	2SLU
198Min.	15	-1412.89	2SLU	-0.28	1SLU	0.08	3SLE R	-0.29	2SLU
198Min.	1015	-1144.15	2SLU	-0.28	1SLU	-0.52	2SLU	-0.29	2SLU
198Min.	1014	-1145.34	2SLU	-0.28	1SLU	-0.52	2SLU	-0.28	2SLU
198Max	-14	-3556.43	3SLE R	-1.50	4SLE R	0.30	2SLU	-0.65	3SLE R
198Max	14	-3554.75	3SLE R	-1.50	4SLE R	0.35	2SLU	-0.70	3SLE R
198Max	1014	-2829.52	3SLE R	-1.50	4SLE R	-1.29	3SLE R	-0.70	3SLE R
198Max	-136	-2837.91	3SLE R	-1.50	4SLE R	-1.22	3SLE R	-0.65	3SLE R
198Min.	-14	-4959.02	2SLU	-2.27	1SLU	0.21	3SLE R	-0.91	2SLU
198Min.	14	-4956.90	2SLU	-2.27	1SLU	0.26	3SLE R	-0.98	2SLU
198Min.	1014	-4013.55	2SLU	-2.27	1SLU	-1.80	2SLU	-0.98	2SLU
198Min.	-136	-4025.50	2SLU	-2.27	1SLU	-1.71	2SLU	-0.91	2SLU
198Max	-16	-3672.70	3SLE R	-4.52	4SLE R	0.50	2SLU	-0.84	3SLE R
198Max	16	-3678.82	3SLE R	-4.52	4SLE R	0.55	2SLU	-0.89	3SLE R
198Max	1016	-2911.50	3SLE R	-4.52	4SLE R	-1.56	3SLE R	-0.89	3SLE R
198Max	-138	-2927.52	3SLE R	-4.52	4SLE R	-1.50	3SLE R	-0.84	3SLE R
198Min.	-16	-5121.49	2SLU	-7.27	1SLU	0.36	3SLE R	-1.18	2SLU
198Min.	16	-5128.82	2SLU	-7.27	1SLU	0.40	3SLE R	-1.24	2SLU
198Min.	1016	-4131.40	2SLU	-7.27	1SLU	-2.18	2SLU	-1.24	2SLU
198Min.	-138	-4152.66	2SLU	-7.27	1SLU	-2.09	2SLU	-1.18	2SLU
198Max	-15	-3687.03	3SLE R	-4.65	4SLE R	0.44	2SLU	-0.80	3SLE R
198Max	-16	-3693.27	3SLE R	-4.65	4SLE R	0.50	2SLU	-0.84	3SLE R
198Max	-138	-2925.67	3SLE R	-4.65	4SLE R	-1.50	3SLE R	-0.84	3SLE R
198Max	-137	-2942.13	3SLE R	-4.65	4SLE R	-1.43	3SLE R	-0.80	3SLE R
198Min.	-15	-5141.61	2SLU	-7.44	1SLU	0.32	3SLE R	-1.11	2SLU
198Min.	-16	-5149.12	2SLU	-7.44	1SLU	0.36	3SLE R	-1.18	2SLU
198Min.	-138	-4151.33	2SLU	-7.44	1SLU	-2.09	2SLU	-1.18	2SLU
198Min.	-137	-4173.16	2SLU	-7.44	1SLU	-2.00	2SLU	-1.11	2SLU
199Max	39	-3468.19	3SLE R	-10.69	3SLE R	-0.12	3SLE R	0.40	2SLU
199Max	-54	-3452.02	3SLE R	-10.69	3SLE R	-0.13	3SLE R	0.44	2SLU
199Max	-176	-2592.04	3SLE R	-10.69	3SLE R	0.78	2SLU	0.44	2SLU
199Max	1039	-2655.24	3SLE R	-10.69	3SLE R	0.72	2SLU	0.40	2SLU
199Min.	39	-4826.45	2SLU	-15.05	2SLU	-0.16	2SLU	0.29	3SLE R
199Min.	-54	-4803.66	2SLU	-15.05	2SLU	-0.18	2SLU	0.31	3SLE R
199Min.	-176	-3683.17	2SLU	-15.05	2SLU	0.56	3SLE R	0.31	3SLE R
199Min.	1039	-3772.15	2SLU	-15.05	2SLU	0.52	3SLE R	0.29	3SLE R
199Max	-54	-3348.62	3SLE R	-10.84	3SLE R	-0.13	3SLE R	0.44	2SLU
199Max	-63	-3332.59	3SLE R	-10.84	3SLE R	-0.14	3SLE R	0.47	2SLU
199Max	-185	-2472.29	3SLE R	-10.84	3SLE R	0.84	2SLU	0.47	2SLU
199Max	-176	-2536.01	3SLE R	-10.84	3SLE R	0.78	2SLU	0.44	2SLU
199Min.	-54	-4658.02	2SLU	-15.27	2SLU	-0.18	2SLU	0.31	3SLE R
199Min.	-63	-4635.44	2SLU	-15.27	2SLU	-0.19	2SLU	0.34	3SLE R
199Min.	-185	-3514.45	2SLU	-15.27	2SLU	0.60	3SLE R	0.34	3SLE R
199Min.	-176	-3604.22	2SLU	-15.27	2SLU	0.56	3SLE R	0.31	3SLE R
199Max	-69	-2059.44	3SLE R	-8.58	4SLE R	-0.11	3SLE R	0.36	2SLU
199Max	62	-2060.05	3SLE R	-8.58	4SLE R	-0.11	3SLE R	0.37	2SLU
199Max	1062	-1473.78	3SLE R	-8.58	4SLE R	0.66	2SLU	0.37	2SLU
199Max	-191	-1511.34	3SLE R	-8.58	4SLE R	0.63	2SLU	0.36	2SLU
199Min.	-69	-2861.19	2SLU	-12.05	1SLU	-0.15	2SLU	0.26	3SLE R
199Min.	62	-2861.34	2SLU	-12.05	1SLU	-0.16	2SLU	0.27	3SLE R
199Min.	1062	-2097.81	2SLU	-12.05	1SLU	0.48	3SLE R	0.27	3SLE R
199Min.	-191	-2150.04	2SLU	-12.05	1SLU	0.46	3SLE R	0.26	3SLE R
199Max	-39	-3589.82	3SLE R	-9.85	3SLE R	-0.09	3SLE R	0.31	2SLU
199Max	34	-3575.47	3SLE R	-9.85	3SLE R	-0.10	3SLE R	0.34	2SLU
199Max	1034	-2751.72	3SLE R	-9.85	3SLE R	0.62	2SLU	0.34	2SLU
199Max	-161	-2809.41	3SLE R	-9.85	3SLE R	0.56	2SLU	0.31	2SLU
199Min.	-39	-5000.02	2SLU	-13.83	2SLU	-0.12	2SLU	0.22	3SLE R
199Min.	34	-4979.76	2SLU	-13.83	2SLU	-0.14	2SLU	0.25	3SLE R
199Min.	1034	-3906.62	2SLU	-13.83	2SLU	0.44	3SLE R	0.25	3SLE R
199Min.	-161	-3987.75	2SLU	-13.83	2SLU	0.41	3SLE R	0.22	3SLE R
199Max	-47	-2415.95	3SLE R	-6.39	3SLE R	-0.07	3SLE R	0.26	2SLU
199Max	39	-2411.86	3SLE R	-6.39	3SLE R	-0.08	3SLE R	0.27	2SLU
199Max	1039	-1830.61	3SLE R	-6.39	3SLE R	0.49	2SLU	0.27	2SLU
199Max	-169	-1862.83	3SLE R	-6.39	3SLE R	0.46	2SLU	0.26	2SLU
199Min.	-47	-3363.17	2SLU	-9.01	2SLU	-0.10	2SLU	0.19	3SLE R
199Min.	39	-3357.41	2SLU	-9.01	2SLU	-0.11	2SLU	0.20	3SLE R
199Min.	1039	-2600.25	2SLU	-9.01	2SLU	0.35	3SLE R	0.20	3SLE R
199Min.	-169	-2645.63	2SLU	-9.01	2SLU	0.33	3SLE R	0.19	3SLE R
199Max	52	-2115.03	3SLE R	-8.56	4SLE R	-0.10	3SLE R	0.34	2SLU



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199Max	-69	-2115.61	3SLE R	-8.56	4SLE R	-0.11	3SLE R	0.36	2SLU
199Max	-191	-1529.39	3SLE R	-8.56	4SLE R	0.63	2SLU	0.36	2SLU
199Max	1052	-1566.87	3SLE R	-8.56	4SLE R	0.61	2SLU	0.34	2SLU
199Min.	52	-2939.55	2SLU	-12.01	1SLU	-0.14	2SLU	0.25	3SLE R
199Min.	-69	-2939.66	2SLU	-12.01	1SLU	-0.15	2SLU	0.26	3SLE R
199Min.	-191	-2176.20	2SLU	-12.01	1SLU	0.46	3SLE R	0.26	3SLE R
199Min.	1052	-2228.32	2SLU	-12.01	1SLU	0.44	3SLE R	0.25	3SLE R
199Max	-63	-3228.54	3SLE R	-10.96	3SLE R	-0.14	3SLE R	0.47	2SLU
199Max	52	-3212.62	3SLE R	-10.96	3SLE R	-0.15	3SLE R	0.50	2SLU
199Max	1052	-2352.05	3SLE R	-10.96	3SLE R	0.90	2SLU	0.50	2SLU
199Max	-185	-2416.19	3SLE R	-10.96	3SLE R	0.84	2SLU	0.47	2SLU
199Min.	-63	-4488.79	2SLU	-15.45	2SLU	-0.19	2SLU	0.34	3SLE R
199Min.	52	-4466.37	2SLU	-15.45	2SLU	-0.21	2SLU	0.36	3SLE R
199Min.	1052	-3344.98	2SLU	-15.45	2SLU	0.65	3SLE R	0.36	3SLE R
199Min.	-185	-3435.38	2SLU	-15.45	2SLU	0.60	3SLE R	0.34	3SLE R
199Max	12	-3613.26	3SLE R	-5.00	3SLE R	-0.04	3SLE R	0.17	2SLU
199Max	-21	-3595.26	3SLE R	-5.00	3SLE R	-0.05	3SLE R	0.20	2SLU
199Max	-143	-2862.38	3SLE R	-5.00	3SLE R	0.37	1SLU	0.20	2SLU
199Max	1012	-2902.38	3SLE R	-5.00	3SLE R	0.32	1SLU	0.17	2SLU
199Min.	12	-5037.11	2SLU	-7.60	2SLU	-0.06	2SLU	0.12	3SLE R
199Min.	-21	-5013.07	2SLU	-7.60	2SLU	-0.07	2SLU	0.14	3SLE R
199Min.	-143	-4057.91	2SLU	-7.60	2SLU	0.26	4SLE R	0.14	3SLE R
199Min.	1012	-4115.40	2SLU	-7.60	2SLU	0.23	4SLE R	0.12	3SLE R
199Max	-21	-3861.18	3SLE R	-3.95	3SLE R	-0.05	3SLE R	0.22	2SLU
199Max	23	-3835.11	3SLE R	-3.95	3SLE R	-0.06	3SLE R	0.25	2SLU
199Max	1023	-3035.79	3SLE R	-3.95	3SLE R	0.45	1SLU	0.25	2SLU
199Max	-143	-3079.24	3SLE R	-3.95	3SLE R	0.40	1SLU	0.22	2SLU
199Min.	-21	-5381.29	2SLU	-6.48	2SLU	-0.08	2SLU	0.15	3SLE R
199Min.	23	-5346.67	2SLU	-6.48	2SLU	-0.09	2SLU	0.18	3SLE R
199Min.	1023	-4304.61	2SLU	-6.48	2SLU	0.32	4SLE R	0.18	3SLE R
199Min.	-143	-4367.73	2SLU	-6.48	2SLU	0.29	4SLE R	0.15	3SLE R
199Max	-29	-3697.48	3SLE R	-9.74	3SLE R	-0.08	3SLE R	0.28	2SLU
199Max	-39	-3683.03	3SLE R	-9.74	3SLE R	-0.09	3SLE R	0.31	2SLU
199Max	-161	-2859.51	3SLE R	-9.74	3SLE R	0.56	2SLU	0.31	2SLU
199Max	-151	-2916.83	3SLE R	-9.74	3SLE R	0.51	2SLU	0.28	2SLU
199Min.	-29	-5151.51	2SLU	-13.67	2SLU	-0.11	2SLU	0.20	3SLE R
199Min.	-39	-5131.10	2SLU	-13.67	2SLU	-0.12	2SLU	0.22	3SLE R
199Min.	-161	-4058.31	2SLU	-13.67	2SLU	0.41	3SLE R	0.22	3SLE R
199Min.	-151	-4138.87	2SLU	-13.67	2SLU	0.37	3SLE R	0.20	3SLE R
199Max	34	-2470.34	3SLE R	-6.32	3SLE R	-0.07	3SLE R	0.24	2SLU
199Max	-47	-2466.15	3SLE R	-6.32	3SLE R	-0.07	3SLE R	0.26	2SLU
199Max	-169	-1885.07	3SLE R	-6.32	3SLE R	0.46	2SLU	0.26	2SLU
199Max	1034	-1917.05	3SLE R	-6.32	3SLE R	0.44	2SLU	0.24	2SLU
199Min.	34	-3439.74	2SLU	-8.90	2SLU	-0.10	2SLU	0.17	3SLE R
199Min.	-47	-3433.85	2SLU	-8.90	2SLU	-0.10	2SLU	0.19	3SLE R
199Min.	-169	-2676.93	2SLU	-8.90	2SLU	0.33	3SLE R	0.19	3SLE R
199Min.	1034	-2721.96	2SLU	-8.90	2SLU	0.31	3SLE R	0.17	3SLE R
199Max	23	-3804.81	3SLE R	-9.68	3SLE R	-0.07	3SLE R	0.25	2SLU
199Max	-29	-3790.29	3SLE R	-9.68	3SLE R	-0.08	3SLE R	0.28	2SLU
199Max	-151	-2966.92	3SLE R	-9.68	3SLE R	0.51	2SLU	0.28	2SLU
199Max	1023	-3024.02	3SLE R	-9.68	3SLE R	0.46	1SLU	0.25	2SLU
199Min.	23	-5302.46	2SLU	-13.56	2SLU	-0.09	2SLU	0.18	3SLE R
199Min.	-29	-5281.94	2SLU	-13.56	2SLU	-0.11	2SLU	0.20	3SLE R
199Min.	-151	-4209.39	2SLU	-13.56	2SLU	0.37	3SLE R	0.20	3SLE R
199Min.	1023	-4289.59	2SLU	-13.56	2SLU	0.33	4SLE R	0.18	3SLE R
200Max	13	-3547.62	3SLE R	-12.02	3SLE R	-0.01	3SLE R	0.12	1SLU
200Max	18	-3542.12	3SLE R	-12.02	3SLE R	0.00	4SLE R	0.10	1SLU
200Max	1018	-2793.80	3SLE R	-12.02	3SLE R	0.23	1SLU	0.10	1SLU
200Max	1013	-2852.19	3SLE R	-12.02	3SLE R	0.25	1SLU	0.12	1SLU
200Min.	13	-4946.51	2SLU	-16.80	2SLU	-0.02	2SLU	0.08	4SLE R
200Min.	18	-4938.63	2SLU	-16.80	2SLU	0.00	1SLU	0.07	4SLE R
200Min.	1018	-3963.23	2SLU	-16.80	2SLU	0.15	4SLE R	0.07	4SLE R
200Min.	1013	-4045.04	2SLU	-16.80	2SLU	0.17	4SLE R	0.08	4SLE R
201Max	-25	-4403.57	3SLE R	-20.83	3SLE R	-0.03	3SLE R	0.20	1SLU
201Max	-27	-4388.57	3SLE R	-20.83	3SLE R	-0.05	3SLE R	0.26	1SLU
201Max	-149	-3391.70	3SLE R	-20.83	3SLE R	0.50	1SLU	0.26	1SLU
201Max	-147	-3498.36	3SLE R	-20.83	3SLE R	0.40	1SLU	0.20	1SLU
201Min.	-25	-6138.62	2SLU	-29.10	2SLU	-0.05	2SLU	0.14	4SLE R
201Min.	-27	-6117.34	2SLU	-29.10	2SLU	-0.08	2SLU	0.18	4SLE R
201Min.	-149	-4816.97	2SLU	-29.10	2SLU	0.35	4SLE R	0.18	4SLE R



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201Min.	-147	-4966.28	2SLU	-29.10	2SLU	0.27	4SLE R	0.14	4SLE R
201Max	101	-1292.61	3SLE R	-10.49	3SLE R	-0.18	3SLE R	0.54	2SLU
201Max	112	-1294.18	3SLE R	-10.49	3SLE R	-0.18	3SLE R	0.56	2SLU
201Max	1113	-686.73	3SLE R	-10.49	3SLE R	0.97	2SLU	0.56	2SLU
201Max	1102	-731.31	3SLE R	-10.49	3SLE R	0.95	2SLU	0.54	2SLU
201Min.	101	-1784.93	2SLU	-14.77	2SLU	-0.25	2SLU	0.39	3SLE R
201Min.	112	-1787.12	2SLU	-14.77	2SLU	-0.25	2SLU	0.40	3SLE R
201Min.	1113	-994.95	2SLU	-14.77	2SLU	0.70	3SLE R	0.40	3SLE R
201Min.	1102	-1057.73	2SLU	-14.77	2SLU	0.69	3SLE R	0.39	3SLE R
201Max	65	-3023.85	3SLE R	-21.21	3SLE R	-0.24	3SLE R	0.72	2SLU
201Max	-82	-3005.07	3SLE R	-21.21	3SLE R	-0.27	3SLE R	0.80	2SLU
201Max	1068	-1968.40	3SLE R	-21.21	3SLE R	1.39	2SLU	0.80	2SLU
201Max	1065	-2080.52	3SLE R	-21.21	3SLE R	1.26	2SLU	0.72	2SLU
201Min.	65	-4198.23	2SLU	-29.85	2SLU	-0.33	2SLU	0.52	3SLE R
201Min.	-82	-4171.79	2SLU	-29.85	2SLU	-0.37	2SLU	0.58	3SLE R
201Min.	1068	-2819.13	2SLU	-29.85	2SLU	1.00	3SLE R	0.58	3SLE R
201Min.	1065	-2976.90	2SLU	-29.85	2SLU	0.91	3SLE R	0.52	3SLE R
201Max	-27	-4220.82	3SLE R	-20.93	3SLE R	-0.05	3SLE R	0.26	1SLU
201Max	28	-4205.89	3SLE R	-20.93	3SLE R	-0.08	3SLE R	0.32	1SLU
201Max	1028	-3208.81	3SLE R	-20.93	3SLE R	0.60	1SLU	0.32	1SLU
201Max	-149	-3315.82	3SLE R	-20.93	3SLE R	0.50	1SLU	0.26	1SLU
201Min.	-27	-5882.35	2SLU	-29.26	2SLU	-0.08	2SLU	0.18	4SLE R
201Min.	28	-5861.20	2SLU	-29.26	2SLU	-0.11	2SLU	0.23	4SLE R
201Min.	1028	-4560.46	2SLU	-29.26	2SLU	0.42	4SLE R	0.23	4SLE R
201Min.	-149	-4710.38	2SLU	-29.26	2SLU	0.35	4SLE R	0.18	4SLE R
201Max	-93	-1787.53	3SLE R	-14.25	3SLE R	-0.21	3SLE R	0.64	2SLU
201Max	-98	-1785.43	3SLE R	-14.25	3SLE R	-0.22	3SLE R	0.66	2SLU
201Max	-219	-1032.21	3SLE R	-14.25	3SLE R	1.15	2SLU	0.66	2SLU
201Max	-214	-1097.00	3SLE R	-14.25	3SLE R	1.12	2SLU	0.64	2SLU
201Min.	-93	-2473.61	2SLU	-20.08	2SLU	-0.30	2SLU	0.46	3SLE R
201Min.	-98	-2470.69	2SLU	-20.08	2SLU	-0.30	2SLU	0.47	3SLE R
201Min.	-219	-1488.07	2SLU	-20.08	2SLU	0.83	3SLE R	0.47	3SLE R
201Min.	-214	-1579.35	2SLU	-20.08	2SLU	0.81	3SLE R	0.46	3SLE R
201Max	-51	-3506.35	3SLE R	-22.51	3SLE R	-0.13	3SLE R	0.44	2SLU
201Max	-56	-3498.25	3SLE R	-22.51	3SLE R	-0.15	3SLE R	0.50	2SLU
201Max	-178	-2527.49	3SLE R	-22.51	3SLE R	0.89	2SLU	0.50	2SLU
201Max	-173	-2634.61	3SLE R	-22.51	3SLE R	0.80	2SLU	0.44	2SLU
201Min.	-51	-4880.83	2SLU	-31.31	2SLU	-0.18	2SLU	0.32	3SLE R
201Min.	-56	-4868.76	2SLU	-31.31	2SLU	-0.21	2SLU	0.36	3SLE R
201Min.	-178	-3602.26	2SLU	-31.31	2SLU	0.64	3SLE R	0.36	3SLE R
201Min.	-173	-3752.08	2SLU	-31.31	2SLU	0.57	3SLE R	0.32	3SLE R
201Max	-56	-3333.00	3SLE R	-22.50	3SLE R	-0.15	3SLE R	0.50	2SLU
201Max	-64	-3324.89	3SLE R	-22.50	3SLE R	-0.18	3SLE R	0.56	2SLU
201Max	-186	-2354.16	3SLE R	-22.50	3SLE R	0.99	2SLU	0.56	2SLU
201Max	-178	-2461.24	3SLE R	-22.50	3SLE R	0.89	2SLU	0.50	2SLU
201Min.	-56	-4637.20	2SLU	-31.31	2SLU	-0.21	2SLU	0.36	3SLE R
201Min.	-64	-4625.13	2SLU	-31.31	2SLU	-0.24	2SLU	0.40	3SLE R
201Min.	-186	-3358.61	2SLU	-31.31	2SLU	0.71	3SLE R	0.40	3SLE R
201Min.	-178	-3508.46	2SLU	-31.31	2SLU	0.64	3SLE R	0.36	3SLE R
201Max	-64	-3159.77	3SLE R	-22.36	3SLE R	-0.18	3SLE R	0.56	2SLU
201Max	-67	-3151.56	3SLE R	-22.36	3SLE R	-0.20	3SLE R	0.62	2SLU
201Max	-189	-2181.11	3SLE R	-22.36	3SLE R	1.08	2SLU	0.62	2SLU
201Max	-186	-2287.72	3SLE R	-22.36	3SLE R	0.99	2SLU	0.56	2SLU
201Min.	-64	-4393.63	2SLU	-31.15	2SLU	-0.24	2SLU	0.40	3SLE R
201Min.	-67	-4381.43	2SLU	-31.15	2SLU	-0.27	2SLU	0.44	3SLE R
201Min.	-189	-3115.27	2SLU	-31.15	2SLU	0.78	3SLE R	0.44	3SLE R
201Min.	-186	-3264.54	2SLU	-31.15	2SLU	0.71	3SLE R	0.40	3SLE R
201Max	-82	-1215.71	3SLE R	-6.87	3SLE R	-0.11	3SLE R	0.34	2SLU
201Max	68	-1219.11	3SLE R	-6.87	3SLE R	-0.12	3SLE R	0.35	2SLU
201Max	1069	-784.63	3SLE R	-6.87	3SLE R	0.61	2SLU	0.35	2SLU
201Max	1068	-811.44	3SLE R	-6.87	3SLE R	0.59	2SLU	0.34	2SLU
201Min.	-82	-1686.62	2SLU	-9.66	2SLU	-0.16	2SLU	0.25	3SLE R
201Min.	68	-1691.40	2SLU	-9.66	2SLU	-0.17	2SLU	0.25	3SLE R
201Min.	1069	-1124.96	2SLU	-9.66	2SLU	0.44	3SLE R	0.25	3SLE R
201Min.	1068	-1162.68	2SLU	-9.66	2SLU	0.42	3SLE R	0.25	3SLE R
201Max	-98	-1688.14	3SLE R	-13.95	3SLE R	-0.22	3SLE R	0.66	2SLU
201Max	101	-1685.72	3SLE R	-13.95	3SLE R	-0.22	3SLE R	0.67	2SLU
201Max	1102	-933.17	3SLE R	-13.95	3SLE R	1.17	2SLU	0.67	2SLU
201Max	-219	-996.94	3SLE R	-13.95	3SLE R	1.15	2SLU	0.66	2SLU
201Min.	-98	-2333.62	2SLU	-19.66	2SLU	-0.30	2SLU	0.47	3SLE R



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201Min.	101	-2330.25	2SLU	-19.66	2SLU	-0.30	2SLU	0.49	3SLE R
201Min.	1102	-1348.56	2SLU	-19.66	2SLU	0.85	3SLE R	0.49	3SLE R
201Min.	-219	-1438.43	2SLU	-19.66	2SLU	0.83	3SLE R	0.47	3SLE R
201Max	68	-2481.06	3SLE R	-20.92	3SLE R	-0.25	3SLE R	0.75	2SLU
201Max	83	-2474.49	3SLE R	-20.92	3SLE R	-0.26	3SLE R	0.77	2SLU
201Max	1084	-1534.71	3SLE R	-20.92	3SLE R	1.34	2SLU	0.77	2SLU
201Max	1069	-1633.33	3SLE R	-20.92	3SLE R	1.30	2SLU	0.75	2SLU
201Min.	68	-3440.16	2SLU	-29.18	2SLU	-0.35	2SLU	0.54	3SLE R
201Min.	83	-3430.30	2SLU	-29.18	2SLU	-0.36	2SLU	0.56	3SLE R
201Min.	1084	-2204.24	2SLU	-29.18	2SLU	0.97	3SLE R	0.56	3SLE R
201Min.	1069	-2342.47	2SLU	-29.18	2SLU	0.94	3SLE R	0.54	3SLE R
201Max	-41	-2564.00	3SLE R	-12.94	3SLE R	-0.06	3SLE R	0.23	2SLU
201Max	35	-2566.58	3SLE R	-12.94	3SLE R	-0.07	3SLE R	0.26	2SLU
201Max	1035	-1919.35	3SLE R	-12.94	3SLE R	0.47	2SLU	0.26	2SLU
201Max	-163	-1973.73	3SLE R	-12.94	3SLE R	0.43	1SLU	0.23	2SLU
201Min.	-41	-3571.54	2SLU	-18.13	2SLU	-0.09	2SLU	0.17	3SLE R
201Min.	35	-3575.06	2SLU	-18.13	2SLU	-0.10	2SLU	0.19	3SLE R
201Min.	1035	-2730.81	2SLU	-18.13	2SLU	0.34	3SLE R	0.19	3SLE R
201Min.	-163	-2807.05	2SLU	-18.13	2SLU	0.31	4SLE R	0.17	3SLE R
201Max	35	-3679.36	3SLE R	-22.44	3SLE R	-0.11	3SLE R	0.39	2SLU
201Max	-51	-3671.22	3SLE R	-22.44	3SLE R	-0.13	3SLE R	0.44	2SLU
201Max	-173	-2700.59	3SLE R	-22.44	3SLE R	0.80	2SLU	0.44	2SLU
201Max	1035	-2807.49	3SLE R	-22.44	3SLE R	0.70	2SLU	0.39	2SLU
201Min.	35	-5123.91	2SLU	-31.19	2SLU	-0.15	2SLU	0.28	3SLE R
201Min.	-51	-5111.74	2SLU	-31.19	2SLU	-0.18	2SLU	0.32	3SLE R
201Min.	-173	-3845.49	2SLU	-31.19	2SLU	0.57	3SLE R	0.32	3SLE R
201Min.	1035	-3994.90	2SLU	-31.19	2SLU	0.50	3SLE R	0.28	3SLE R
201Max	28	-2641.67	3SLE R	-12.90	3SLE R	-0.05	3SLE R	0.21	1SLU
201Max	-41	-2644.20	3SLE R	-12.90	3SLE R	-0.06	3SLE R	0.23	2SLU
201Max	-163	-1997.06	3SLE R	-12.90	3SLE R	0.43	1SLU	0.23	2SLU
201Max	1028	-2051.31	3SLE R	-12.90	3SLE R	0.39	1SLU	0.21	1SLU
201Min.	28	-3680.57	2SLU	-18.06	2SLU	-0.07	2SLU	0.15	4SLE R
201Min.	-41	-3684.01	2SLU	-18.06	2SLU	-0.09	2SLU	0.17	3SLE R
201Min.	-163	-2839.90	2SLU	-18.06	2SLU	0.31	4SLE R	0.17	3SLE R
201Min.	1028	-2915.93	2SLU	-18.06	2SLU	0.28	4SLE R	0.15	4SLE R
201Max	15	-4585.89	3SLE R	-20.73	3SLE R	-0.00	3SLE R	0.14	1SLU
201Max	-25	-4570.82	3SLE R	-20.73	3SLE R	-0.03	3SLE R	0.20	1SLU
201Max	-147	-3574.17	3SLE R	-20.73	3SLE R	0.40	1SLU	0.20	1SLU
201Max	1015	-3680.45	3SLE R	-20.73	3SLE R	0.30	1SLU	0.14	1SLU
201Min.	15	-6394.15	2SLU	-28.94	2SLU	-0.01	2SLU	0.09	4SLE R
201Min.	-25	-6372.76	2SLU	-28.94	2SLU	-0.05	2SLU	0.14	4SLE R
201Min.	-147	-5072.74	2SLU	-28.94	2SLU	0.27	4SLE R	0.14	4SLE R
201Min.	1015	-5221.46	2SLU	-28.94	2SLU	0.20	4SLE R	0.09	4SLE R
201Max	83	-1888.02	3SLE R	-14.59	3SLE R	-0.21	3SLE R	0.63	2SLU
201Max	-93	-1886.29	3SLE R	-14.59	3SLE R	-0.21	3SLE R	0.64	2SLU
201Max	-214	-1132.31	3SLE R	-14.59	3SLE R	1.12	2SLU	0.64	2SLU
201Max	1084	-1198.25	3SLE R	-14.59	3SLE R	1.09	2SLU	0.63	2SLU
201Min.	83	-2615.13	2SLU	-20.56	2SLU	-0.29	2SLU	0.45	3SLE R
201Min.	-93	-2612.71	2SLU	-20.56	2SLU	-0.30	2SLU	0.46	3SLE R
201Min.	-214	-1629.05	2SLU	-20.56	2SLU	0.81	3SLE R	0.46	3SLE R
201Min.	1084	-1721.91	2SLU	-20.56	2SLU	0.78	3SLE R	0.45	3SLE R
201Max	-67	-2987.29	3SLE R	-22.07	3SLE R	-0.20	3SLE R	0.62	2SLU
201Max	65	-2978.84	3SLE R	-22.07	3SLE R	-0.22	3SLE R	0.67	2SLU
201Max	1065	-2009.03	3SLE R	-22.07	3SLE R	1.18	2SLU	0.67	2SLU
201Max	-189	-2114.60	3SLE R	-22.07	3SLE R	1.08	2SLU	0.62	2SLU
201Min.	-67	-4151.02	2SLU	-30.77	2SLU	-0.27	2SLU	0.44	3SLE R
201Min.	65	-4138.51	2SLU	-30.77	2SLU	-0.31	2SLU	0.49	3SLE R
201Min.	1065	-2873.19	2SLU	-30.77	2SLU	0.85	3SLE R	0.49	3SLE R
201Min.	-189	-3021.08	2SLU	-30.77	2SLU	0.78	3SLE R	0.44	3SLE R
202Max	73	-4592.49	3SLE R	-40.35	3SLE R	-3.09	3SLE R	12.69	2SLU
202Max	-81	-4709.53	3SLE R	-40.35	3SLE R	-3.03	3SLE R	12.51	2SLU
202Max	-203	-4568.27	3SLE R	-40.35	3SLE R	2.03	2SLU	12.51	2SLU
202Max	1074	-4491.57	3SLE R	-40.35	3SLE R	2.02	2SLU	12.69	2SLU
202Min.	73	-6467.92	2SLU	-56.75	2SLU	-4.32	2SLU	9.06	3SLE R
202Min.	-81	-6632.42	2SLU	-56.75	2SLU	-4.23	2SLU	8.94	3SLE R
202Min.	-203	-6446.62	2SLU	-56.75	2SLU	1.44	3SLE R	8.94	3SLE R
202Min.	1074	-6338.88	2SLU	-56.75	2SLU	1.43	3SLE R	9.06	3SLE R
202Max	29	-2612.80	3SLE R	25.37	2SLU	0.03	1SLU	-0.11	4SLE R
202Max	27	-2602.65	3SLE R	25.37	2SLU	0.03	1SLU	-0.10	4SLE R
202Max	1027	-2023.91	3SLE R	25.37	2SLU	-0.19	4SLE R	-0.10	4SLE R



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202Max	1029	-1954.05	3SLE R	25.37	2SLU	-0.21	4SLE R	-0.11	4SLE R
202Min.	29	-3640.91	2SLU	18.18	3SLE R	0.02	4SLE R	-0.16	1SLU
202Min.	27	-3626.87	2SLU	18.18	3SLE R	0.02	4SLE R	-0.14	1SLU
202Min.	1027	-2878.30	2SLU	18.18	3SLE R	-0.29	1SLU	-0.14	1SLU
202Min.	1029	-2780.73	2SLU	18.18	3SLE R	-0.31	1SLU	-0.16	1SLU
202Max	54	-7483.17	3SLE R	-34.53	3SLE R	-3.60	3SLE R	15.20	2SLU
202Max	-66	-7668.42	3SLE R	-34.53	3SLE R	-3.49	3SLE R	14.90	2SLU
202Max	-188	-7494.90	3SLE R	-34.53	3SLE R	2.60	2SLU	14.90	2SLU
202Max	1054	-7344.19	3SLE R	-34.53	3SLE R	2.59	2SLU	15.20	2SLU
202Min.	54	-10533.20	2SLU	-48.50	2SLU	-5.01	2SLU	10.91	3SLE R
202Min.	-66	-10793.20	2SLU	-48.50	2SLU	-4.85	2SLU	10.73	3SLE R
202Min.	-188	-10565.80	2SLU	-48.50	2SLU	1.87	3SLE R	10.73	3SLE R
202Min.	1054	-10354.30	2SLU	-48.50	2SLU	1.86	3SLE R	10.91	3SLE R
202Max	43	-3162.75	3SLE R	43.59	2SLU	0.12	1SLU	-0.28	4SLE R
202Max	-52	-3166.94	3SLE R	43.59	2SLU	0.11	1SLU	-0.25	4SLE R
202Max	-174	-2290.04	3SLE R	43.59	2SLU	-0.48	4SLE R	-0.25	4SLE R
202Max	1043	-2149.03	3SLE R	43.59	2SLU	-0.53	4SLE R	-0.28	4SLE R
202Min.	43	-4401.77	2SLU	31.09	3SLE R	0.08	4SLE R	-0.40	1SLU
202Min.	-52	-4407.64	2SLU	31.09	3SLE R	0.07	4SLE R	-0.36	1SLU
202Min.	-174	-3274.62	2SLU	31.09	3SLE R	-0.68	1SLU	-0.36	1SLU
202Min.	1043	-3076.97	2SLU	31.09	3SLE R	-0.75	1SLU	-0.40	1SLU
202Max	17	-4547.47	3SLE R	38.37	2SLU	0.01	1SLU	-0.09	4SLE R
202Max	1	-4552.55	3SLE R	38.37	2SLU	0.06	2SLU	-0.12	4SLE R
202Max	1001	-3684.87	3SLE R	38.37	2SLU	-0.23	4SLE R	-0.12	4SLE R
202Max	1017	-3558.90	3SLE R	38.37	2SLU	-0.19	4SLE R	-0.09	4SLE R
202Min.	17	-6340.09	2SLU	27.48	3SLE R	0.00	4SLE R	-0.14	1SLU
202Min.	1	-6347.31	2SLU	27.48	3SLE R	0.03	3SLE R	-0.18	1SLU
202Min.	1001	-5225.17	2SLU	27.48	3SLE R	-0.35	1SLU	-0.18	1SLU
202Min.	1017	-5049.11	2SLU	27.48	3SLE R	-0.29	1SLU	-0.14	1SLU
202Max	-22	-3512.84	3SLE R	30.75	2SLU	0.02	1SLU	-0.08	4SLE R
202Max	17	-3506.50	3SLE R	30.75	2SLU	0.01	1SLU	-0.07	4SLE R
202Max	1017	-2810.19	3SLE R	30.75	2SLU	-0.15	4SLE R	-0.07	4SLE R
202Max	-144	-2719.57	3SLE R	30.75	2SLU	-0.18	4SLE R	-0.08	4SLE R
202Min.	-22	-4896.99	2SLU	22.04	3SLE R	0.01	4SLE R	-0.13	1SLU
202Min.	17	-4888.28	2SLU	22.04	3SLE R	0.00	4SLE R	-0.11	1SLU
202Min.	1017	-3987.69	2SLU	22.04	3SLE R	-0.23	1SLU	-0.11	1SLU
202Min.	-144	-3861.11	2SLU	22.04	3SLE R	-0.27	1SLU	-0.13	1SLU
202Max	-66	-7583.83	3SLE R	-35.23	3SLE R	-3.33	3SLE R	14.21	2SLU
202Max	-346	-7753.99	3SLE R	-35.23	3SLE R	-3.23	3SLE R	13.95	2SLU
202Max	-344	-7587.94	3SLE R	-35.23	3SLE R	2.50	2SLU	13.95	2SLU
202Max	-188	-7453.01	3SLE R	-35.23	3SLE R	2.49	2SLU	14.21	2SLU
202Min.	-66	-10672.80	2SLU	-49.55	2SLU	-4.62	2SLU	10.23	3SLE R
202Min.	-346	-10911.60	2SLU	-49.55	2SLU	-4.47	2SLU	10.06	3SLE R
202Min.	-344	-10693.80	2SLU	-49.55	2SLU	1.81	3SLE R	10.06	3SLE R
202Min.	-188	-10504.60	2SLU	-49.55	2SLU	1.79	3SLE R	10.23	3SLE R
202Max	-26	-3386.92	3SLE R	31.07	2SLU	0.03	1SLU	-0.10	4SLE R
202Max	-22	-3380.34	3SLE R	31.07	2SLU	0.02	1SLU	-0.08	4SLE R
202Max	-144	-2684.54	3SLE R	31.07	2SLU	-0.18	4SLE R	-0.08	4SLE R
202Max	-148	-2593.14	3SLE R	31.07	2SLU	-0.21	4SLE R	-0.10	4SLE R
202Min.	-26	-4720.89	2SLU	22.27	3SLE R	0.01	4SLE R	-0.15	1SLU
202Min.	-22	-4711.84	2SLU	22.27	3SLE R	0.01	4SLE R	-0.13	1SLU
202Min.	-144	-3811.97	2SLU	22.27	3SLE R	-0.27	1SLU	-0.13	1SLU
202Min.	-148	-3684.30	2SLU	22.27	3SLE R	-0.31	1SLU	-0.15	1SLU
202Max	67	-10227.30	3SLE R	-13.62	3SLE R	-5.50	3SLE R	22.59	2SLU
202Max	54	-10607.30	3SLE R	-13.62	3SLE R	-5.25	3SLE R	21.96	2SLU
202Max	1054	-10366.20	3SLE R	-13.62	3SLE R	3.67	2SLU	21.96	2SLU
202Max	1067	-9999.77	3SLE R	-13.62	3SLE R	3.63	2SLU	22.59	2SLU
202Min.	67	-14399.40	2SLU	-19.18	2SLU	-7.67	2SLU	16.18	3SLE R
202Min.	54	-14933.00	2SLU	-19.18	2SLU	-7.31	2SLU	15.77	3SLE R
202Min.	1054	-14618.70	2SLU	-19.18	2SLU	2.63	3SLE R	15.77	3SLE R
202Min.	1067	-14104.30	2SLU	-19.18	2SLU	2.59	3SLE R	16.18	3SLE R
202Max	-48	-3595.12	3SLE R	42.22	2SLU	0.09	1SLU	-0.22	4SLE R
202Max	-43	-3600.02	3SLE R	42.22	2SLU	0.07	1SLU	-0.19	4SLE R
202Max	-165	-2721.08	3SLE R	42.22	2SLU	-0.38	4SLE R	-0.19	4SLE R
202Max	-170	-2583.44	3SLE R	42.22	2SLU	-0.43	4SLE R	-0.22	4SLE R
202Min.	-48	-5007.42	2SLU	30.17	3SLE R	0.06	4SLE R	-0.32	1SLU
202Min.	-43	-5014.33	2SLU	30.17	3SLE R	0.04	4SLE R	-0.28	1SLU
202Min.	-165	-3878.31	2SLU	30.17	3SLE R	-0.54	1SLU	-0.28	1SLU
202Min.	-170	-3685.63	2SLU	30.17	3SLE R	-0.61	1SLU	-0.32	1SLU
202Max	-43	-3807.67	3SLE R	41.41	2SLU	0.07	1SLU	-0.19	4SLE R



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202Max	29	-3813.00	3SLE R	41.41	2SLU	0.05	1SLU	-0.16	4SLE R
202Max	1029	-2932.83	3SLE R	41.41	2SLU	-0.32	4SLE R	-0.16	4SLE R
202Max	-165	-2797.21	3SLE R	41.41	2SLU	-0.38	4SLE R	-0.19	4SLE R
202Min.	-43	-5304.96	2SLU	29.61	3SLE R	0.04	4SLE R	-0.28	1SLU
202Min.	29	-5312.49	2SLU	29.61	3SLE R	0.03	4SLE R	-0.24	1SLU
202Min.	1029	-4174.69	2SLU	29.61	3SLE R	-0.47	1SLU	-0.24	1SLU
202Min.	-165	-3984.95	2SLU	29.61	3SLE R	-0.54	1SLU	-0.28	1SLU
202Max	-91	-6847.30	3SLE R	-25.66	3SLE R	-5.14	3SLE R	20.81	2SLU
202Max	73	-7115.09	3SLE R	-25.66	3SLE R	-4.92	3SLE R	19.98	2SLU
202Max	1074	-6904.34	3SLE R	-25.66	3SLE R	3.11	2SLU	19.98	2SLU
202Max	-212	-6662.21	3SLE R	-25.66	3SLE R	3.21	2SLU	20.81	2SLU
202Min.	-91	-9645.21	2SLU	-36.01	2SLU	-7.19	2SLU	14.83	3SLE R
202Min.	73	-10021.60	2SLU	-36.01	2SLU	-6.88	2SLU	14.26	3SLE R
202Min.	1074	-9746.32	2SLU	-36.01	2SLU	2.21	3SLE R	14.26	3SLE R
202Min.	-212	-9405.92	2SLU	-36.01	2SLU	2.27	3SLE R	14.83	3SLE R
202Max	-52	-3380.06	3SLE R	42.96	2SLU	0.11	1SLU	-0.25	4SLE R
202Max	-48	-3384.58	3SLE R	42.96	2SLU	0.09	1SLU	-0.22	4SLE R
202Max	-170	-2506.75	3SLE R	42.96	2SLU	-0.43	4SLE R	-0.22	4SLE R
202Max	-174	-2367.26	3SLE R	42.96	2SLU	-0.48	4SLE R	-0.25	4SLE R
202Min.	-52	-4706.24	2SLU	30.67	3SLE R	0.07	4SLE R	-0.36	1SLU
202Min.	-48	-4712.58	2SLU	30.67	3SLE R	0.06	4SLE R	-0.32	1SLU
202Min.	-170	-3578.19	2SLU	30.67	3SLE R	-0.61	1SLU	-0.32	1SLU
202Min.	-174	-3382.81	2SLU	30.67	3SLE R	-0.68	1SLU	-0.36	1SLU
202Max	-81	-4885.95	3SLE R	-39.58	3SLE R	-3.03	3SLE R	12.51	2SLU
202Max	67	-5003.83	3SLE R	-39.58	3SLE R	-2.96	3SLE R	12.33	2SLU
202Max	1067	-4862.94	3SLE R	-39.58	3SLE R	2.04	2SLU	12.33	2SLU
202Max	-203	-4784.65	3SLE R	-39.58	3SLE R	2.03	2SLU	12.51	2SLU
202Min.	-81	-6880.31	2SLU	-55.70	2SLU	-4.23	2SLU	8.94	3SLE R
202Min.	67	-7045.96	2SLU	-55.70	2SLU	-4.13	2SLU	8.83	3SLE R
202Min.	1067	-6860.68	2SLU	-55.70	2SLU	1.45	3SLE R	8.83	3SLE R
202Min.	-203	-6750.74	2SLU	-55.70	2SLU	1.44	3SLE R	8.94	3SLE R
202Max	90	-5347.91	3SLE R	-26.64	3SLE R	-5.58	3SLE R	22.46	2SLU
202Max	-95	-5610.04	3SLE R	-26.64	3SLE R	-5.36	3SLE R	21.63	2SLU
202Max	-216	-5398.80	3SLE R	-26.64	3SLE R	3.31	2SLU	21.63	2SLU
202Max	1091	-5163.31	3SLE R	-26.64	3SLE R	3.40	2SLU	22.46	2SLU
202Min.	90	-7536.58	2SLU	-37.36	2SLU	-7.83	2SLU	15.96	3SLE R
202Min.	-95	-7905.14	2SLU	-37.36	2SLU	-7.51	2SLU	15.39	3SLE R
202Min.	-216	-7629.16	2SLU	-37.36	2SLU	2.33	3SLE R	15.39	3SLE R
202Min.	1091	-7297.97	2SLU	-37.36	2SLU	2.40	3SLE R	15.96	3SLE R
202Max	27	-3259.99	3SLE R	31.56	2SLU	0.03	1SLU	-0.11	4SLE R
202Max	-26	-3253.05	3SLE R	31.56	2SLU	0.03	1SLU	-0.10	4SLE R
202Max	-148	-2558.00	3SLE R	31.56	2SLU	-0.21	4SLE R	-0.10	4SLE R
202Max	1027	-2465.46	3SLE R	31.56	2SLU	-0.23	4SLE R	-0.11	4SLE R
202Min.	27	-4543.38	2SLU	22.61	3SLE R	0.02	4SLE R	-0.17	1SLU
202Min.	-26	-4533.82	2SLU	22.61	3SLE R	0.01	4SLE R	-0.15	1SLU
202Min.	-148	-3635.02	2SLU	22.61	3SLE R	-0.31	1SLU	-0.15	1SLU
202Min.	1027	-3505.72	2SLU	22.61	3SLE R	-0.34	1SLU	-0.17	1SLU
202Max	-95	-6092.89	3SLE R	-26.22	3SLE R	-5.36	3SLE R	21.63	2SLU
202Max	-91	-6357.44	3SLE R	-26.22	3SLE R	-5.14	3SLE R	20.81	2SLU
202Max	-212	-6146.41	3SLE R	-26.22	3SLE R	3.21	2SLU	20.81	2SLU
202Max	-216	-5908.08	3SLE R	-26.22	3SLE R	3.31	2SLU	21.63	2SLU
202Min.	-95	-8584.31	2SLU	-36.78	2SLU	-7.51	2SLU	15.39	3SLE R
202Min.	-91	-8956.24	2SLU	-36.78	2SLU	-7.19	2SLU	14.83	3SLE R
202Min.	-212	-8680.56	2SLU	-36.78	2SLU	2.27	3SLE R	14.83	3SLE R
202Min.	-216	-8345.41	2SLU	-36.78	2SLU	2.33	3SLE R	15.39	3SLE R
203Max	79	-4522.80	3SLE R	-16.40	3SLE R	5.99	2SLU	-1.04	4SLE R
203Max	-89	-4627.97	3SLE R	-16.40	3SLE R	6.77	2SLU	-3.73	3SLE R
203Max	-210	-4418.20	3SLE R	-16.40	3SLE R	4.11	2SLU	-3.73	3SLE R
203Max	1080	-4329.44	3SLE R	-16.40	3SLE R	5.20	2SLU	-1.04	4SLE R
203Min.	79	-6421.43	2SLU	-22.72	2SLU	4.26	3SLE R	-1.60	1SLU
203Min.	-89	-6568.09	2SLU	-22.72	2SLU	4.82	3SLE R	-5.31	2SLU
203Min.	-210	-6294.70	2SLU	-22.72	2SLU	2.95	3SLE R	-5.31	2SLU
203Min.	1080	-6170.75	2SLU	-22.72	2SLU	3.73	3SLE R	-1.60	1SLU
203Max	76	-3351.55	3SLE R	-22.52	3SLE R	5.60	2SLU	-8.37	3SLE R
203Max	75	-3394.54	3SLE R	-22.52	3SLE R	5.81	2SLU	-9.04	3SLE R
203Max	1076	-3273.90	3SLE R	-22.52	3SLE R	-0.38	3SLE R	-9.04	3SLE R
203Max	1077	-3253.44	3SLE R	-22.52	3SLE R	-0.19	4SLE R	-8.37	3SLE R
203Min.	76	-4734.83	2SLU	-31.48	2SLU	3.99	3SLE R	-11.77	2SLU
203Min.	75	-4794.68	2SLU	-31.48	2SLU	4.14	3SLE R	-12.71	2SLU
203Min.	1076	-4636.75	2SLU	-31.48	2SLU	-0.54	2SLU	-12.71	2SLU



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203Min.	1077	-4608.38	2SLU	-31.48	2SLU	-0.28	1SLU	-11.77	2SLU
203Max	-87	-5296.65	3SLE R	-13.22	3SLE R	8.36	2SLU	-10.41	3SLE R
203Max	77	-5394.21	3SLE R	-13.22	3SLE R	8.95	2SLU	-12.31	3SLE R
203Max	1078	-5200.10	3SLE R	-13.22	3SLE R	0.30	2SLU	-12.31	3SLE R
203Max	-208	-5115.76	3SLE R	-13.22	3SLE R	1.05	2SLU	-10.41	3SLE R
203Min.	-87	-7492.17	2SLU	-18.46	2SLU	5.95	3SLE R	-14.63	2SLU
203Min.	77	-7628.02	2SLU	-18.46	2SLU	6.37	3SLE R	-17.30	2SLU
203Min.	1078	-7375.04	2SLU	-18.46	2SLU	0.22	3SLE R	-17.30	2SLU
203Min.	-208	-7257.65	2SLU	-18.46	2SLU	0.75	3SLE R	-14.63	2SLU
203Max	-83	-6768.18	3SLE R	-14.44	3SLE R	12.12	2SLU	-25.82	3SLE R
203Max	69	-6846.31	3SLE R	-14.44	3SLE R	12.50	2SLU	-27.00	3SLE R
203Max	1070	-6686.75	3SLE R	-14.44	3SLE R	-4.62	3SLE R	-27.00	3SLE R
203Max	-204	-6623.06	3SLE R	-14.44	3SLE R	-4.29	3SLE R	-25.82	3SLE R
203Min.	-83	-9509.33	2SLU	-20.24	2SLU	8.61	3SLE R	-36.32	2SLU
203Min.	69	-9617.88	2SLU	-20.24	2SLU	8.88	3SLE R	-37.99	2SLU
203Min.	1070	-9409.72	2SLU	-20.24	2SLU	-6.50	2SLU	-37.99	2SLU
203Min.	-204	-9321.40	2SLU	-20.24	2SLU	-6.04	2SLU	-36.32	2SLU
203Max	77	-4388.81	3SLE R	-34.96	3SLE R	7.15	2SLU	-9.93	3SLE R
203Max	76	-4464.09	3SLE R	-34.96	3SLE R	7.53	2SLU	-11.14	3SLE R
203Max	1077	-4298.17	3SLE R	-34.96	3SLE R	-0.21	4SLE R	-11.14	3SLE R
203Max	1078	-4257.85	3SLE R	-34.96	3SLE R	0.17	2SLU	-9.93	3SLE R
203Min.	77	-6203.17	2SLU	-50.71	2SLU	5.09	3SLE R	-13.96	2SLU
203Min.	76	-6308.94	2SLU	-50.71	2SLU	5.36	3SLE R	-15.66	2SLU
203Min.	1077	-6090.61	2SLU	-50.71	2SLU	-0.31	1SLU	-15.66	2SLU
203Min.	1078	-6035.56	2SLU	-50.71	2SLU	0.13	3SLE R	-13.96	2SLU
203Max	73	-7365.42	3SLE R	-27.28	4SLE R	12.49	2SLU	-23.02	3SLE R
203Max	-84	-7487.49	3SLE R	-27.28	4SLE R	13.23	2SLU	-25.53	3SLE R
203Max	-205	-7278.23	3SLE R	-27.28	4SLE R	-3.36	3SLE R	-25.53	3SLE R
203Max	1074	-7184.04	3SLE R	-27.28	4SLE R	-2.63	3SLE R	-23.02	3SLE R
203Min.	73	-10371.60	2SLU	-38.92	1SLU	8.88	3SLE R	-32.38	2SLU
203Min.	-84	-10540.70	2SLU	-38.92	1SLU	9.41	3SLE R	-35.90	2SLU
203Min.	-205	-10267.80	2SLU	-38.92	1SLU	-4.72	2SLU	-35.90	2SLU
203Min.	1074	-10136.80	2SLU	-38.92	1SLU	-3.70	2SLU	-32.38	2SLU
203Max	70	-6552.48	3SLE R	-14.47	3SLE R	11.74	2SLU	-24.64	3SLE R
203Max	-83	-6630.50	3SLE R	-14.47	3SLE R	12.12	2SLU	-25.82	3SLE R
203Max	-204	-6470.92	3SLE R	-14.47	3SLE R	-4.29	3SLE R	-25.82	3SLE R
203Max	1071	-6407.37	3SLE R	-14.47	3SLE R	-3.97	3SLE R	-24.64	3SLE R
203Min.	70	-9209.88	2SLU	-20.28	2SLU	8.35	3SLE R	-34.65	2SLU
203Min.	-83	-9318.27	2SLU	-20.28	2SLU	8.61	3SLE R	-36.32	2SLU
203Min.	-204	-9110.08	2SLU	-20.28	2SLU	-6.04	2SLU	-36.32	2SLU
203Min.	1071	-9021.97	2SLU	-20.28	2SLU	-5.58	2SLU	-34.65	2SLU
203Max	78	-5027.28	3SLE R	-13.39	3SLE R	7.77	2SLU	-8.51	3SLE R
203Max	-87	-5123.66	3SLE R	-13.39	3SLE R	8.36	2SLU	-10.41	3SLE R
203Max	-208	-4929.47	3SLE R	-13.39	3SLE R	1.05	2SLU	-10.41	3SLE R
203Max	1079	-4846.47	3SLE R	-13.39	3SLE R	1.79	2SLU	-8.51	3SLE R
203Min.	78	-7116.89	2SLU	-18.68	2SLU	5.54	3SLE R	-11.96	2SLU
203Min.	-87	-7251.15	2SLU	-18.68	2SLU	5.95	3SLE R	-14.63	2SLU
203Min.	-208	-6998.06	2SLU	-18.68	2SLU	0.75	3SLE R	-14.63	2SLU
203Min.	1079	-6882.48	2SLU	-18.68	2SLU	1.28	3SLE R	-11.96	2SLU
203Max	-88	-5106.50	3SLE R	-15.75	3SLE R	7.55	2SLU	-6.41	3SLE R
203Max	78	-5215.73	3SLE R	-15.75	3SLE R	8.33	2SLU	-9.09	3SLE R
203Max	1079	-5006.29	3SLE R	-15.75	3SLE R	1.95	2SLU	-9.09	3SLE R
203Max	-209	-4912.81	3SLE R	-15.75	3SLE R	3.03	2SLU	-6.41	3SLE R
203Min.	-88	-7235.60	2SLU	-21.83	2SLU	5.38	3SLE R	-9.04	2SLU
203Min.	78	-7387.76	2SLU	-21.83	2SLU	5.94	3SLE R	-12.77	2SLU
203Min.	1079	-7114.82	2SLU	-21.83	2SLU	1.39	3SLE R	-12.77	2SLU
203Min.	-209	-6984.48	2SLU	-21.83	2SLU	2.17	3SLE R	-9.04	2SLU
203Max	-89	-4811.42	3SLE R	-16.15	3SLE R	6.77	2SLU	-3.73	3SLE R
203Max	-88	-4918.18	3SLE R	-16.15	3SLE R	7.55	2SLU	-6.41	3SLE R
203Max	-209	-4708.55	3SLE R	-16.15	3SLE R	3.03	2SLU	-6.41	3SLE R
203Max	-210	-4617.93	3SLE R	-16.15	3SLE R	4.11	2SLU	-3.73	3SLE R
203Min.	-89	-6824.13	2SLU	-22.37	2SLU	4.82	3SLE R	-5.31	2SLU
203Min.	-88	-6972.95	2SLU	-22.37	2SLU	5.38	3SLE R	-9.04	2SLU
203Min.	-209	-6699.74	2SLU	-22.37	2SLU	2.17	3SLE R	-9.04	2SLU
203Min.	-210	-6573.29	2SLU	-22.37	2SLU	2.95	3SLE R	-5.31	2SLU
203Max	-84	-7689.38	3SLE R	-26.85	4SLE R	13.23	2SLU	-25.53	3SLE R
203Max	72	-7813.77	3SLE R	-26.85	4SLE R	13.97	2SLU	-28.03	3SLE R
203Max	1073	-7604.73	3SLE R	-26.85	4SLE R	-4.08	3SLE R	-28.03	3SLE R
203Max	-205	-7507.80	3SLE R	-26.85	4SLE R	-3.36	3SLE R	-25.53	3SLE R
203Min.	-84	-10821.00	2SLU	-38.36	1SLU	9.41	3SLE R	-35.90	2SLU



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203Min.	72	-10993.20	2SLU	-38.36	1SLU	9.93	3SLE R	-39.42	2SLU
203Min.	1073	-10720.60	2SLU	-38.36	1SLU	-5.74	2SLU	-39.42	2SLU
203Min.	-205	-10585.80	2SLU	-38.36	1SLU	-4.72	2SLU	-35.90	2SLU
203Max	-85	-7504.13	3SLE R	-10.58	3SLE R	12.55	2SLU	-22.09	3SLE R
203Max	73	-7630.69	3SLE R	-10.58	3SLE R	13.27	2SLU	-24.41	3SLE R
203Max	1074	-7417.07	3SLE R	-10.58	3SLE R	-2.76	3SLE R	-24.41	3SLE R
203Max	-206	-7301.08	3SLE R	-10.58	3SLE R	-2.12	3SLE R	-22.09	3SLE R
203Min.	-85	-10574.20	2SLU	-14.82	2SLU	8.93	3SLE R	-31.07	2SLU
203Min.	73	-10749.90	2SLU	-14.82	2SLU	9.44	3SLE R	-34.33	2SLU
203Min.	1074	-10471.70	2SLU	-14.82	2SLU	-3.89	2SLU	-34.33	2SLU
203Min.	-206	-10310.80	2SLU	-14.82	2SLU	-2.98	2SLU	-31.07	2SLU
203Max	71	-3607.07	3SLE R	-24.48	3SLE R	6.63	2SLU	-13.85	3SLE R
203Max	70	-3641.61	3SLE R	-24.48	3SLE R	6.79	2SLU	-14.36	3SLE R
203Max	1071	-3543.44	3SLE R	-24.48	3SLE R	-2.36	3SLE R	-14.36	3SLE R
203Max	1072	-3533.37	3SLE R	-24.48	3SLE R	-2.21	3SLE R	-13.85	3SLE R
203Min.	71	-5071.45	2SLU	-34.38	2SLU	4.72	3SLE R	-19.48	2SLU
203Min.	70	-5119.59	2SLU	-34.38	2SLU	4.82	3SLE R	-20.20	2SLU
203Min.	1071	-4990.69	2SLU	-34.38	2SLU	-3.31	2SLU	-20.20	2SLU
203Min.	1072	-4976.92	2SLU	-34.38	2SLU	-3.11	2SLU	-19.48	2SLU
203Max	74	-6786.13	3SLE R	-10.91	3SLE R	11.11	2SLU	-17.45	3SLE R
203Max	-86	-6909.20	3SLE R	-10.91	3SLE R	11.83	2SLU	-19.77	3SLE R
203Max	-207	-6695.41	3SLE R	-10.91	3SLE R	-1.47	3SLE R	-19.77	3SLE R
203Max	1075	-6583.25	3SLE R	-10.91	3SLE R	-0.82	3SLE R	-17.45	3SLE R
203Min.	74	-9577.75	2SLU	-15.26	2SLU	7.91	3SLE R	-24.54	2SLU
203Min.	-86	-9748.74	2SLU	-15.26	2SLU	8.42	3SLE R	-27.80	2SLU
203Min.	-207	-9470.28	2SLU	-15.26	2SLU	-2.07	2SLU	-27.80	2SLU
203Min.	1075	-9314.54	2SLU	-15.26	2SLU	-1.16	2SLU	-24.54	2SLU
203Max	72	-5754.55	3SLE R	-16.28	3SLE R	10.25	2SLU	-20.72	3SLE R
203Max	71	-5821.42	3SLE R	-16.28	3SLE R	10.64	2SLU	-22.06	3SLE R
203Max	1072	-5672.65	3SLE R	-16.28	3SLE R	-3.46	3SLE R	-22.06	3SLE R
203Max	1073	-5622.06	3SLE R	-16.28	3SLE R	-3.08	3SLE R	-20.72	3SLE R
203Min.	72	-8093.61	2SLU	-22.82	2SLU	7.29	3SLE R	-29.15	2SLU
203Min.	71	-8186.52	2SLU	-22.82	2SLU	7.57	3SLE R	-31.02	2SLU
203Min.	1072	-7992.29	2SLU	-22.82	2SLU	-4.87	2SLU	-31.02	2SLU
203Min.	1073	-7922.21	2SLU	-22.82	2SLU	-4.33	2SLU	-29.15	2SLU
203Max	75	-2951.08	3SLE R	-16.91	4SLE R	5.00	2SLU	-7.81	3SLE R
203Max	74	-2983.46	3SLE R	-16.91	4SLE R	5.16	2SLU	-8.31	3SLE R
203Max	1075	-2880.84	3SLE R	-16.91	4SLE R	-0.48	3SLE R	-8.31	3SLE R
203Max	1076	-2866.20	3SLE R	-16.91	4SLE R	-0.34	3SLE R	-7.81	3SLE R
203Min.	75	-4167.76	2SLU	-24.21	1SLU	3.56	3SLE R	-10.98	2SLU
203Min.	74	-4211.93	2SLU	-24.21	1SLU	3.67	3SLE R	-11.68	2SLU
203Min.	1075	-4078.57	2SLU	-24.21	1SLU	-0.68	2SLU	-11.68	2SLU
203Min.	1076	-4057.38	2SLU	-24.21	1SLU	-0.49	2SLU	-10.98	2SLU
203Max	-86	-7141.78	3SLE R	-10.73	3SLE R	11.83	2SLU	-19.77	3SLE R
203Max	-85	-7266.76	3SLE R	-10.73	3SLE R	12.55	2SLU	-22.09	3SLE R
203Max	-206	-7053.06	3SLE R	-10.73	3SLE R	-2.12	3SLE R	-22.09	3SLE R
203Max	-207	-6938.81	3SLE R	-10.73	3SLE R	-1.47	3SLE R	-19.77	3SLE R
203Min.	-86	-10071.50	2SLU	-15.02	2SLU	8.42	3SLE R	-27.80	2SLU
203Min.	-85	-10245.00	2SLU	-15.02	2SLU	8.93	3SLE R	-31.07	2SLU
203Min.	-206	-9966.70	2SLU	-15.02	2SLU	-2.98	2SLU	-31.07	2SLU
203Min.	-207	-9808.17	2SLU	-15.02	2SLU	-2.07	2SLU	-27.80	2SLU
203Max	69	-3559.69	3SLE R	-23.51	3SLE R	6.59	2SLU	-14.36	3SLE R
203Max	-351	-3590.03	3SLE R	-23.51	3SLE R	6.69	2SLU	-14.69	3SLE R
203Max	-349	-3500.15	3SLE R	-23.51	3SLE R	-2.59	3SLE R	-14.69	3SLE R
203Max	1070	-3493.31	3SLE R	-23.51	3SLE R	-2.50	3SLE R	-14.36	3SLE R
203Min.	69	-4999.82	2SLU	-33.06	2SLU	4.68	3SLE R	-20.21	2SLU
203Min.	-351	-5042.16	2SLU	-33.06	2SLU	4.76	3SLE R	-20.67	2SLU
203Min.	-349	-4924.07	2SLU	-33.06	2SLU	-3.64	2SLU	-20.67	2SLU
203Min.	1070	-4914.79	2SLU	-33.06	2SLU	-3.52	2SLU	-20.21	2SLU
204Max	-109	-1564.90	3SLE R	-16.54	3SLE R	-0.29	3SLE R	0.90	2SLU
204Max	-111	-1550.38	3SLE R	-16.54	3SLE R	-0.29	3SLE R	0.91	2SLU
204Max	-232	-592.75	3SLE R	-16.54	3SLE R	1.60	2SLU	0.91	2SLU
204Max	-230	-680.03	3SLE R	-16.54	3SLE R	1.57	2SLU	0.90	2SLU
204Min.	-109	-2151.27	2SLU	-23.41	2SLU	-0.40	2SLU	0.65	3SLE R
204Min.	-111	-2131.02	2SLU	-23.41	2SLU	-0.39	2SLU	0.66	3SLE R
204Min.	-232	-881.90	2SLU	-23.41	2SLU	1.15	3SLE R	0.66	3SLE R
204Min.	-230	-1005.14	2SLU	-23.41	2SLU	1.14	3SLE R	0.65	3SLE R
204Max	102	-1489.88	3SLE R	69.06	2SLU	2.17	2SLU	-4.44	3SLE R
204Max	-352	-1451.38	3SLE R	69.06	2SLU	2.20	2SLU	-4.52	3SLE R
204Max	-353	-1425.17	3SLE R	69.06	2SLU	-0.69	3SLE R	-4.52	3SLE R



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204Max	1103	-1414.53	3SLE R	69.06	2SLU	-0.67	3SLE R	-4.44	3SLE R
204Min.	102	-2092.96	2SLU	49.14	3SLE R	1.55	3SLE R	-6.26	2SLU
204Min.	-352	-2038.80	2SLU	49.14	3SLE R	1.57	3SLE R	-6.36	2SLU
204Min.	-353	-2007.32	2SLU	49.14	3SLE R	-0.98	2SLU	-6.36	2SLU
204Min.	1103	-1992.42	2SLU	49.14	3SLE R	-0.96	2SLU	-6.26	2SLU
204Max	-90	-7513.05	3SLE R	57.27	2SLU	6.96	2SLU	-13.76	3SLE R
204Max	-94	-7266.54	3SLE R	57.27	2SLU	7.31	2SLU	-14.47	3SLE R
204Max	-215	-7089.10	3SLE R	57.27	2SLU	-2.02	3SLE R	-14.47	3SLE R
204Max	-211	-7294.65	3SLE R	57.27	2SLU	-1.90	3SLE R	-13.76	3SLE R
204Min.	-90	-10559.80	2SLU	40.97	3SLE R	4.97	3SLE R	-19.32	2SLU
204Min.	-94	-10213.00	2SLU	40.97	3SLE R	5.22	3SLE R	-20.34	2SLU
204Min.	-215	-9984.37	2SLU	40.97	3SLE R	-2.86	2SLU	-20.34	2SLU
204Min.	-211	-10273.90	2SLU	40.97	3SLE R	-2.70	2SLU	-19.32	2SLU
204Max	-111	-1415.55	3SLE R	-15.69	3SLE R	-0.29	3SLE R	0.91	2SLU
204Max	-114	-1400.35	3SLE R	-15.69	3SLE R	-0.29	3SLE R	0.92	2SLU
204Max	-235	-444.58	3SLE R	-15.69	3SLE R	1.62	2SLU	0.92	2SLU
204Max	-232	-528.82	3SLE R	-15.69	3SLE R	1.60	2SLU	0.91	2SLU
204Min.	-111	-1940.71	2SLU	-22.22	2SLU	-0.39	2SLU	0.66	3SLE R
204Min.	-114	-1919.51	2SLU	-22.22	2SLU	-0.39	2SLU	0.66	3SLE R
204Min.	-235	-673.00	2SLU	-22.22	2SLU	1.17	3SLE R	0.66	3SLE R
204Min.	-232	-791.97	2SLU	-22.22	2SLU	1.15	3SLE R	0.66	3SLE R
204Max	-117	-1124.82	3SLE R	-14.65	3SLE R	-0.28	3SLE R	0.92	2SLU
204Max	134	-1108.78	3SLE R	-14.65	3SLE R	-0.28	3SLE R	0.93	2SLU
204Max	1135	-155.31	3SLE R	-14.65	3SLE R	1.67	2SLU	0.93	2SLU
204Max	-238	-235.79	3SLE R	-14.65	3SLE R	1.65	2SLU	0.92	2SLU
204Min.	-117	-1530.77	2SLU	-20.76	2SLU	-0.39	2SLU	0.67	3SLE R
204Min.	134	-1508.39	2SLU	-20.76	2SLU	-0.38	2SLU	0.68	3SLE R
204Min.	1135	-265.10	2SLU	-20.76	2SLU	1.21	3SLE R	0.68	3SLE R
204Min.	-238	-378.81	2SLU	-20.76	2SLU	1.19	3SLE R	0.67	3SLE R
204Max	87	-5505.90	3SLE R	43.69	2SLU	6.85	2SLU	-13.62	3SLE R
204Max	102	-5319.97	3SLE R	43.69	2SLU	7.19	2SLU	-14.45	3SLE R
204Max	1103	-5159.73	3SLE R	43.69	2SLU	-2.10	3SLE R	-14.45	3SLE R
204Max	1088	-5314.58	3SLE R	43.69	2SLU	-1.93	3SLE R	-13.62	3SLE R
204Min.	87	-7736.09	2SLU	31.08	3SLE R	4.89	3SLE R	-19.18	2SLU
204Min.	102	-7474.28	2SLU	31.08	3SLE R	5.12	3SLE R	-20.36	2SLU
204Min.	1103	-7267.60	2SLU	31.08	3SLE R	-2.99	2SLU	-20.36	2SLU
204Min.	1088	-7485.73	2SLU	31.08	3SLE R	-2.74	2SLU	-19.18	2SLU
204Max	-114	-1269.16	3SLE R	-15.06	3SLE R	-0.29	3SLE R	0.92	2SLU
204Max	-117	-1253.46	3SLE R	-15.06	3SLE R	-0.28	3SLE R	0.92	2SLU
204Max	-238	-299.07	3SLE R	-15.06	3SLE R	1.65	2SLU	0.92	2SLU
204Max	-235	-381.05	3SLE R	-15.06	3SLE R	1.62	2SLU	0.92	2SLU
204Min.	-114	-1734.30	2SLU	-21.34	2SLU	-0.39	2SLU	0.66	3SLE R
204Min.	-117	-1712.39	2SLU	-21.34	2SLU	-0.39	2SLU	0.67	3SLE R
204Min.	-238	-467.81	2SLU	-21.34	2SLU	1.19	3SLE R	0.67	3SLE R
204Min.	-235	-583.62	2SLU	-21.34	2SLU	1.17	3SLE R	0.66	3SLE R
204Max	-94	-6835.89	3SLE R	58.15	2SLU	7.31	2SLU	-14.47	3SLE R
204Max	87	-6593.08	3SLE R	58.15	2SLU	7.66	2SLU	-15.18	3SLE R
204Max	1088	-6415.96	3SLE R	58.15	2SLU	-2.13	3SLE R	-15.18	3SLE R
204Max	-215	-6617.18	3SLE R	58.15	2SLU	-2.02	3SLE R	-14.47	3SLE R
204Min.	-94	-9606.62	2SLU	41.60	3SLE R	5.22	3SLE R	-20.34	2SLU
204Min.	87	-9264.97	2SLU	41.60	3SLE R	5.46	3SLE R	-21.37	2SLU
204Min.	1088	-9036.75	2SLU	41.60	3SLE R	-3.03	2SLU	-21.37	2SLU
204Min.	-215	-9320.25	2SLU	41.60	3SLE R	-2.86	2SLU	-20.34	2SLU
204Max	113	-1718.14	3SLE R	-17.61	3SLE R	-0.29	3SLE R	0.89	2SLU
204Max	-109	-1704.49	3SLE R	-17.61	3SLE R	-0.29	3SLE R	0.90	2SLU
204Max	-230	-744.49	3SLE R	-17.61	3SLE R	1.57	2SLU	0.90	2SLU
204Max	1114	-835.64	3SLE R	-17.61	3SLE R	1.55	2SLU	0.89	2SLU
204Min.	113	-2367.29	2SLU	-24.91	2SLU	-0.40	2SLU	0.64	3SLE R
204Min.	-109	-2348.24	2SLU	-24.91	2SLU	-0.40	2SLU	0.65	3SLE R
204Min.	-230	-1095.82	2SLU	-24.91	2SLU	1.14	3SLE R	0.65	3SLE R
204Min.	1114	-1224.46	2SLU	-24.91	2SLU	1.12	3SLE R	0.64	3SLE R
204Max	70	-8201.44	3SLE R	56.57	2SLU	6.61	2SLU	-13.05	3SLE R
204Max	-90	-7952.02	3SLE R	56.57	2SLU	6.96	2SLU	-13.76	3SLE R
204Max	-211	-7774.33	3SLE R	56.57	2SLU	-1.90	3SLE R	-13.76	3SLE R
204Max	1071	-7983.29	3SLE R	56.57	2SLU	-1.79	3SLE R	-13.05	3SLE R
204Min.	70	-11528.70	2SLU	40.46	3SLE R	4.73	3SLE R	-18.29	2SLU
204Min.	-90	-11177.90	2SLU	40.46	3SLE R	4.97	3SLE R	-19.32	2SLU
204Min.	-211	-10948.90	2SLU	40.46	3SLE R	-2.70	2SLU	-19.32	2SLU
204Min.	1071	-11243.10	2SLU	40.46	3SLE R	-2.53	2SLU	-18.29	2SLU
205Max	78	-3183.08	3SLE R	26.99	1SLU	4.66	2SLU	-10.27	3SLE R



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205Max	82	-3057.25	3SLE R	26.99	1SLU	4.81	2SLU	-10.60	3SLE R
205Max	1083	-2941.96	3SLE R	26.99	1SLU	-1.85	3SLE R	-10.60	3SLE R
205Max	1079	-3048.36	3SLE R	26.99	1SLU	-1.79	3SLE R	-10.27	3SLE R
205Min.	78	-4508.67	2SLU	19.27	4SLE R	3.34	3SLE R	-14.32	2SLU
205Min.	82	-4332.44	2SLU	19.27	4SLE R	3.45	3SLE R	-14.80	2SLU
205Min.	1083	-4183.31	2SLU	19.27	4SLE R	-2.59	2SLU	-14.80	2SLU
205Min.	1079	-4332.80	2SLU	19.27	4SLE R	-2.50	2SLU	-14.32	2SLU
205Max	85	-2961.75	3SLE R	13.28	2SLU	6.18	2SLU	-13.55	3SLE R
205Max	-97	-2777.89	3SLE R	13.28	2SLU	6.41	2SLU	-14.05	3SLE R
205Max	-218	-2625.97	3SLE R	13.28	2SLU	-2.44	3SLE R	-14.05	3SLE R
205Max	1086	-2801.17	3SLE R	13.28	2SLU	-2.35	3SLE R	-13.55	3SLE R
205Min.	85	-4209.34	2SLU	8.67	3SLE R	4.42	3SLE R	-18.96	2SLU
205Min.	-97	-3950.82	2SLU	8.67	3SLE R	4.58	3SLE R	-19.70	2SLU
205Min.	-218	-3754.34	2SLU	8.67	3SLE R	-3.44	2SLU	-19.70	2SLU
205Min.	1086	-3999.58	2SLU	8.67	3SLE R	-3.30	2SLU	-18.96	2SLU
205Max	-97	-2423.81	3SLE R	13.79	2SLU	6.41	2SLU	-14.05	3SLE R
205Max	99	-2240.91	3SLE R	13.79	2SLU	6.64	2SLU	-14.56	3SLE R
205Max	1100	-2089.17	3SLE R	13.79	2SLU	-2.53	3SLE R	-14.56	3SLE R
205Max	-218	-2263.04	3SLE R	13.79	2SLU	-2.44	3SLE R	-14.05	3SLE R
205Min.	-97	-3454.54	2SLU	9.03	3SLE R	4.58	3SLE R	-19.70	2SLU
205Min.	99	-3197.34	2SLU	9.03	3SLE R	4.74	3SLE R	-20.43	2SLU
205Min.	1100	-3001.11	2SLU	9.03	3SLE R	-3.57	2SLU	-20.43	2SLU
205Min.	-218	-3244.52	2SLU	9.03	3SLE R	-3.44	2SLU	-19.70	2SLU
205Max	82	-3503.36	3SLE R	13.95	2SLU	5.94	2SLU	-13.04	3SLE R
205Max	85	-3317.81	3SLE R	13.95	2SLU	6.18	2SLU	-13.55	3SLE R
205Max	1086	-3166.53	3SLE R	13.95	2SLU	-2.35	3SLE R	-13.55	3SLE R
205Max	1083	-3342.14	3SLE R	13.95	2SLU	-2.26	3SLE R	-13.04	3SLE R
205Min.	82	-4968.97	2SLU	9.94	3SLE R	4.26	3SLE R	-18.22	2SLU
205Min.	85	-4708.67	2SLU	9.94	3SLE R	4.42	3SLE R	-18.96	2SLU
205Min.	1086	-4512.52	2SLU	9.94	3SLE R	-3.30	2SLU	-18.96	2SLU
205Min.	1083	-4758.86	2SLU	9.94	3SLE R	-3.17	2SLU	-18.22	2SLU
206Max	98	-3498.47	3SLE R	-11.46	3SLE R	10.21	2SLU	-13.27	3SLE R
206Max	97	-3657.32	3SLE R	-11.46	3SLE R	11.07	2SLU	-16.06	3SLE R
206Max	1098	-3425.03	3SLE R	-11.46	3SLE R	-0.13	4SLE R	-16.06	3SLE R
206Max	1099	-3277.63	3SLE R	-11.46	3SLE R	0.90	2SLU	-13.27	3SLE R
206Min.	98	-4979.35	2SLU	-16.09	2SLU	7.27	3SLE R	-18.61	2SLU
206Min.	97	-5200.16	2SLU	-16.09	2SLU	7.88	3SLE R	-22.54	2SLU
206Min.	1098	-4897.58	2SLU	-16.09	2SLU	-0.22	1SLU	-22.54	2SLU
206Min.	1099	-4692.86	2SLU	-16.09	2SLU	0.64	3SLE R	-18.61	2SLU
206Max	91	-3453.79	3SLE R	-32.51	4SLE R	8.91	2SLU	-16.64	3SLE R
206Max	90	-3533.61	3SLE R	-32.51	4SLE R	9.25	2SLU	-17.73	3SLE R
206Max	1091	-3378.24	3SLE R	-32.51	4SLE R	-2.28	3SLE R	-17.73	3SLE R
206Max	1092	-3331.03	3SLE R	-32.51	4SLE R	-1.98	3SLE R	-16.64	3SLE R
206Min.	91	-4870.60	2SLU	-45.42	1SLU	6.34	3SLE R	-23.38	2SLU
206Min.	90	-4981.40	2SLU	-45.42	1SLU	6.58	3SLE R	-24.92	2SLU
206Min.	1091	-4777.99	2SLU	-45.42	1SLU	-3.21	2SLU	-24.92	2SLU
206Min.	1092	-4712.45	2SLU	-45.42	1SLU	-2.78	2SLU	-23.38	2SLU
206Max	90	-5374.30	3SLE R	-34.94	4SLE R	13.23	2SLU	-25.11	3SLE R
206Max	89	-5530.68	3SLE R	-34.94	4SLE R	14.04	2SLU	-27.87	3SLE R
206Max	1090	-5309.56	3SLE R	-34.94	4SLE R	-3.95	3SLE R	-27.87	3SLE R
206Max	1091	-5189.17	3SLE R	-34.94	4SLE R	-3.14	3SLE R	-25.11	3SLE R
206Min.	90	-7571.92	2SLU	-50.42	1SLU	9.42	3SLE R	-35.29	2SLU
206Min.	89	-7788.43	2SLU	-50.42	1SLU	9.99	3SLE R	-39.18	2SLU
206Min.	1090	-7499.95	2SLU	-50.42	1SLU	-5.54	2SLU	-39.18	2SLU
206Min.	1091	-7332.28	2SLU	-50.42	1SLU	-4.41	2SLU	-35.29	2SLU
206Max	99	-2460.69	3SLE R	-29.05	4SLE R	7.63	2SLU	-8.97	3SLE R
206Max	98	-2569.73	3SLE R	-29.05	4SLE R	8.18	2SLU	-10.76	3SLE R
206Max	1099	-2375.34	3SLE R	-29.05	4SLE R	0.63	2SLU	-10.76	3SLE R
206Max	1100	-2295.70	3SLE R	-29.05	4SLE R	1.34	2SLU	-8.97	3SLE R
206Min.	99	-3512.98	2SLU	-40.81	1SLU	5.44	3SLE R	-12.57	2SLU
206Min.	98	-3664.26	2SLU	-40.81	1SLU	5.83	3SLE R	-15.10	2SLU
206Min.	1099	-3410.51	2SLU	-40.81	1SLU	0.45	3SLE R	-15.10	2SLU
206Min.	1100	-3299.54	2SLU	-40.81	1SLU	0.95	3SLE R	-12.57	2SLU
206Max	88	-5796.57	3SLE R	-11.44	3SLE R	13.87	2SLU	-28.79	3SLE R
206Max	87	-5923.80	3SLE R	-11.44	3SLE R	14.57	2SLU	-31.17	3SLE R
206Max	1088	-5730.58	3SLE R	-11.44	3SLE R	-5.22	3SLE R	-31.17	3SLE R
206Max	1089	-5614.79	3SLE R	-11.44	3SLE R	-4.53	3SLE R	-28.79	3SLE R
206Min.	88	-8148.81	2SLU	-17.67	2SLU	9.87	3SLE R	-40.47	2SLU
206Min.	87	-8326.35	2SLU	-17.67	2SLU	10.36	3SLE R	-43.82	2SLU
206Min.	1088	-8073.76	2SLU	-17.67	2SLU	-7.34	2SLU	-43.82	2SLU



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206Min.	1089	-7913.90	2SLU	-17.67	2SLU	-6.36	2SLU	-40.47	2SLU
206Max	94	-4615.38	3SLE R	-10.86	3SLE R	12.25	2SLU	-19.89	3SLE R
206Max	93	-4782.85	3SLE R	-10.86	3SLE R	13.11	2SLU	-22.68	3SLE R
206Max	1094	-4550.86	3SLE R	-10.86	3SLE R	-2.01	3SLE R	-22.68	3SLE R
206Max	1095	-4394.25	3SLE R	-10.86	3SLE R	-1.22	3SLE R	-19.89	3SLE R
206Min.	94	-6530.79	2SLU	-15.27	2SLU	8.72	3SLE R	-27.94	2SLU
206Min.	93	-6763.44	2SLU	-15.27	2SLU	9.33	3SLE R	-31.86	2SLU
206Min.	1094	-6461.27	2SLU	-15.27	2SLU	-2.82	2SLU	-31.86	2SLU
206Min.	1095	-6243.90	2SLU	-15.27	2SLU	-1.72	2SLU	-27.94	2SLU
206Max	93	-921.43	3SLE R	-19.86	3SLE R	2.58	2SLU	-4.63	3SLE R
206Max	92	-937.05	3SLE R	-19.86	3SLE R	2.62	2SLU	-4.73	3SLE R
206Max	1093	-884.93	3SLE R	-19.86	3SLE R	-0.50	3SLE R	-4.73	3SLE R
206Max	1094	-889.17	3SLE R	-19.86	3SLE R	-0.47	3SLE R	-4.63	3SLE R
206Min.	93	-1302.10	2SLU	-27.93	2SLU	1.84	3SLE R	-6.50	2SLU
206Min.	92	-1323.97	2SLU	-27.93	2SLU	1.86	3SLE R	-6.65	2SLU
206Min.	1093	-1255.16	2SLU	-27.93	2SLU	-0.71	2SLU	-6.65	2SLU
206Min.	1094	-1261.22	2SLU	-27.93	2SLU	-0.67	2SLU	-6.50	2SLU
206Max	95	-813.84	3SLE R	-20.40	3SLE R	2.37	2SLU	-3.95	3SLE R
206Max	94	-829.57	3SLE R	-20.40	3SLE R	2.40	2SLU	-4.06	3SLE R
206Max	1095	-777.19	3SLE R	-20.40	3SLE R	-0.32	3SLE R	-4.06	3SLE R
206Max	1096	-781.85	3SLE R	-20.40	3SLE R	-0.29	3SLE R	-3.95	3SLE R
206Min.	95	-1152.71	2SLU	-28.67	2SLU	1.69	3SLE R	-5.55	2SLU
206Min.	94	-1174.74	2SLU	-28.67	2SLU	1.71	3SLE R	-5.70	2SLU
206Min.	1095	-1105.56	2SLU	-28.67	2SLU	-0.44	2SLU	-5.70	2SLU
206Min.	1096	-1112.20	2SLU	-28.67	2SLU	-0.40	2SLU	-5.55	2SLU
206Max	92	-5198.96	3SLE R	-10.59	3SLE R	13.27	2SLU	-23.20	3SLE R
206Max	91	-5370.44	3SLE R	-10.59	3SLE R	14.13	2SLU	-25.99	3SLE R
206Max	1092	-5138.59	3SLE R	-10.59	3SLE R	-2.94	3SLE R	-25.99	3SLE R
206Max	1093	-4977.69	3SLE R	-10.59	3SLE R	-2.16	3SLE R	-23.20	3SLE R
206Min.	92	-7341.05	2SLU	-14.90	2SLU	9.44	3SLE R	-32.59	2SLU
206Min.	91	-7579.21	2SLU	-14.90	2SLU	10.05	3SLE R	-36.52	2SLU
206Min.	1092	-7277.24	2SLU	-14.90	2SLU	-4.13	2SLU	-36.52	2SLU
206Min.	1093	-7053.97	2SLU	-14.90	2SLU	-3.03	2SLU	-32.59	2SLU
206Max	97	-709.38	3SLE R	-20.95	3SLE R	2.16	2SLU	-3.28	3SLE R
206Max	96	-725.24	3SLE R	-20.95	3SLE R	2.19	2SLU	-3.38	3SLE R
206Max	1097	-672.58	3SLE R	-20.95	3SLE R	-0.13	4SLE R	-3.38	3SLE R
206Max	1098	-677.67	3SLE R	-20.95	3SLE R	-0.10	4SLE R	-3.28	3SLE R
206Min.	97	-1007.63	2SLU	-29.43	2SLU	1.54	3SLE R	-4.60	2SLU
206Min.	96	-1029.82	2SLU	-29.43	2SLU	1.56	3SLE R	-4.75	2SLU
206Min.	1097	-960.26	2SLU	-29.43	2SLU	-0.18	1SLU	-4.75	2SLU
206Min.	1098	-967.50	2SLU	-29.43	2SLU	-0.14	1SLU	-4.60	2SLU
206Max	96	-4048.50	3SLE R	-11.16	3SLE R	11.23	2SLU	-16.58	3SLE R
206Max	95	-4211.64	3SLE R	-11.16	3SLE R	12.09	2SLU	-19.37	3SLE R
206Max	1096	-3979.50	3SLE R	-11.16	3SLE R	-1.08	3SLE R	-19.37	3SLE R
206Max	1097	-3827.52	3SLE R	-11.16	3SLE R	-0.28	4SLE R	-16.58	3SLE R
206Min.	96	-5743.50	2SLU	-15.68	2SLU	8.00	3SLE R	-23.28	2SLU
206Min.	95	-5970.20	2SLU	-15.68	2SLU	8.61	3SLE R	-27.20	2SLU
206Min.	1096	-5667.83	2SLU	-15.68	2SLU	-1.51	2SLU	-27.20	2SLU
206Min.	1097	-5456.81	2SLU	-15.68	2SLU	-0.42	1SLU	-23.28	2SLU
206Max	89	-6495.65	3SLE R	-9.92	3SLE R	15.54	2SLU	-30.75	3SLE R
206Max	88	-6676.78	3SLE R	-9.92	3SLE R	16.54	2SLU	-34.15	3SLE R
206Max	1089	-6445.26	3SLE R	-9.92	3SLE R	-5.31	3SLE R	-34.15	3SLE R
206Max	1090	-6274.05	3SLE R	-9.92	3SLE R	-4.32	3SLE R	-30.75	3SLE R
206Min.	89	-9141.01	2SLU	-13.98	2SLU	11.06	3SLE R	-43.22	2SLU
206Min.	88	-9392.57	2SLU	-13.98	2SLU	11.76	3SLE R	-48.01	2SLU
206Min.	1089	-9091.05	2SLU	-13.98	2SLU	-7.46	2SLU	-48.01	2SLU
206Min.	1090	-8853.47	2SLU	-13.98	2SLU	-6.06	2SLU	-43.22	2SLU
207Max	5	-4853.68	3SLE R	-3.99	3SLE R	1.22	2SLU	-1.58	3SLE R
207Max	6	-4850.63	3SLE R	-3.99	3SLE R	1.29	2SLU	-1.63	3SLE R
207Max	1006	-3844.98	3SLE R	-3.99	3SLE R	-2.67	3SLE R	-1.63	3SLE R
207Max	1005	-3865.58	3SLE R	-3.99	3SLE R	-2.60	3SLE R	-1.58	3SLE R
207Min.	5	-6763.83	2SLU	-5.91	2SLU	0.87	3SLE R	-2.20	2SLU
207Min.	6	-6760.04	2SLU	-5.91	2SLU	0.92	3SLE R	-2.28	2SLU
207Min.	1006	-5451.11	2SLU	-5.91	2SLU	-3.73	2SLU	-2.28	2SLU
207Min.	1005	-5480.89	2SLU	-5.91	2SLU	-3.63	2SLU	-2.20	2SLU
207Max	-1	-3081.65	3SLE R	-1.77	4SLE R	0.62	2SLU	-0.87	3SLE R
207Max	2	-3081.61	3SLE R	-1.77	4SLE R	0.64	2SLU	-0.89	3SLE R
207Max	1002	-2458.94	3SLE R	-1.77	4SLE R	-1.50	3SLE R	-0.89	3SLE R
207Max	-123	-2466.82	3SLE R	-1.77	4SLE R	-1.47	3SLE R	-0.87	3SLE R
207Min.	-1	-4296.23	2SLU	-2.68	1SLU	0.44	3SLE R	-1.21	2SLU



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207	Min.	2	-4296.48	2	SLU	-2.68	1	SLU	0.46	3	SLE R	-1.24	2	SLU
207	Min.	1002	-3486.24	2	SLU	-2.68	1	SLU	-2.09	2	SLU	-1.24	2	SLU
207	Min.	-123	-3497.72	2	SLU	-2.68	1	SLU	-2.05	2	SLU	-1.21	2	SLU
207	Max	4	-4043.34	3	SLE R	-2.26	3	SLE R	0.96	2	SLU	-1.27	3	SLE R
207	Max	5	-4040.53	3	SLE R	-2.26	3	SLE R	1.01	2	SLU	-1.31	3	SLE R
207	Max	1005	-3210.56	3	SLE R	-2.26	3	SLE R	-2.15	3	SLE R	-1.31	3	SLE R
207	Max	1004	-3223.31	3	SLE R	-2.26	3	SLE R	-2.10	3	SLE R	-1.27	3	SLE R
207	Min.	4	-5635.19	2	SLU	-3.50	2	SLU	0.69	3	SLE R	-1.77	2	SLU
207	Min.	5	-5631.85	2	SLU	-3.50	2	SLU	0.72	3	SLE R	-1.82	2	SLU
207	Min.	1005	-4551.64	2	SLU	-3.50	2	SLU	-3.00	2	SLU	-1.82	2	SLU
207	Min.	1004	-4570.39	2	SLU	-3.50	2	SLU	-2.93	2	SLU	-1.77	2	SLU
207	Max	3	-4915.98	3	SLE R	-3.41	4	SLE R	1.09	2	SLU	-1.48	3	SLE R
207	Max	4	-4912.58	3	SLE R	-3.41	4	SLE R	1.16	2	SLU	-1.53	3	SLE R
207	Max	1004	-3908.18	3	SLE R	-3.41	4	SLE R	-2.54	3	SLE R	-1.53	3	SLE R
207	Max	1003	-3926.62	3	SLE R	-3.41	4	SLE R	-2.47	3	SLE R	-1.48	3	SLE R
207	Min.	3	-6852.31	2	SLU	-5.10	1	SLU	0.78	3	SLE R	-2.06	2	SLU
207	Min.	4	-6848.00	2	SLU	-5.10	1	SLU	0.83	3	SLE R	-2.14	2	SLU
207	Min.	1004	-5540.87	2	SLU	-5.10	1	SLU	-3.54	2	SLU	-2.14	2	SLU
207	Min.	1003	-5567.57	2	SLU	-5.10	1	SLU	-3.44	2	SLU	-2.06	2	SLU
207	Max	-2	-2877.29	3	SLE R	-2.67	3	SLE R	0.84	2	SLU	-1.04	3	SLE R
207	Max	8	-2878.45	3	SLE R	-2.67	3	SLE R	0.86	2	SLU	-1.06	3	SLE R
207	Max	1008	-2271.02	3	SLE R	-2.67	3	SLE R	-1.70	3	SLE R	-1.06	3	SLE R
207	Max	-124	-2281.59	3	SLE R	-2.67	3	SLE R	-1.68	3	SLE R	-1.04	3	SLE R
207	Min.	-2	-4008.31	2	SLU	-3.92	2	SLU	0.60	3	SLE R	-1.45	2	SLU
207	Min.	8	-4010.25	2	SLU	-3.92	2	SLU	0.62	3	SLE R	-1.47	2	SLU
207	Min.	1008	-3219.60	2	SLU	-3.92	2	SLU	-2.38	2	SLU	-1.47	2	SLU
207	Min.	-124	-3234.90	2	SLU	-3.92	2	SLU	-2.34	2	SLU	-1.45	2	SLU
207	Max	7	-2891.37	3	SLE R	-2.57	3	SLE R	0.81	2	SLU	-1.02	3	SLE R
207	Max	-2	-2892.42	3	SLE R	-2.57	3	SLE R	0.84	2	SLU	-1.04	3	SLE R
207	Max	-124	-2285.20	3	SLE R	-2.57	3	SLE R	-1.68	3	SLE R	-1.04	3	SLE R
207	Max	1007	-2295.46	3	SLE R	-2.57	3	SLE R	-1.65	3	SLE R	-1.02	3	SLE R
207	Min.	7	-4028.29	2	SLU	-3.78	2	SLU	0.58	3	SLE R	-1.42	2	SLU
207	Min.	-2	-4030.07	2	SLU	-3.78	2	SLU	0.60	3	SLE R	-1.45	2	SLU
207	Min.	-124	-3239.73	2	SLU	-3.78	2	SLU	-2.34	2	SLU	-1.45	2	SLU
207	Min.	1007	-3254.58	2	SLU	-3.78	2	SLU	-2.30	2	SLU	-1.42	2	SLU
207	Max	1	-3093.34	3	SLE R	-1.70	4	SLE R	0.59	2	SLU	-0.85	3	SLE R
207	Max	-1	-3093.23	3	SLE R	-1.70	4	SLE R	0.62	2	SLU	-0.87	3	SLE R
207	Max	-123	-2470.70	3	SLE R	-1.70	4	SLE R	-1.47	3	SLE R	-0.87	3	SLE R
207	Max	1001	-2478.37	3	SLE R	-1.70	4	SLE R	-1.44	3	SLE R	-0.85	3	SLE R
207	Min.	1	-4312.81	2	SLU	-2.59	1	SLU	0.43	3	SLE R	-1.18	2	SLU
207	Min.	-1	-4312.94	2	SLU	-2.59	1	SLU	0.44	3	SLE R	-1.21	2	SLU
207	Min.	-123	-3502.92	2	SLU	-2.59	1	SLU	-2.05	2	SLU	-1.21	2	SLU
207	Min.	1001	-3514.08	2	SLU	-2.59	1	SLU	-2.01	2	SLU	-1.18	2	SLU
207	Max	2	-3921.63	3	SLE R	-1.85	3	SLE R	0.82	2	SLU	-1.14	3	SLE R
207	Max	3	-3919.07	3	SLE R	-1.85	3	SLE R	0.87	2	SLU	-1.17	3	SLE R
207	Max	1003	-3124.38	3	SLE R	-1.85	3	SLE R	-1.96	3	SLE R	-1.17	3	SLE R
207	Max	1002	-3135.08	3	SLE R	-1.85	3	SLE R	-1.91	3	SLE R	-1.14	3	SLE R
207	Min.	2	-5466.79	2	SLU	-2.89	2	SLU	0.59	3	SLE R	-1.59	2	SLU
207	Min.	3	-5463.75	2	SLU	-2.89	2	SLU	0.62	3	SLE R	-1.63	2	SLU
207	Min.	1003	-4429.58	2	SLU	-2.89	2	SLU	-2.73	2	SLU	-1.63	2	SLU
207	Min.	1002	-4445.34	2	SLU	-2.89	2	SLU	-2.67	2	SLU	-1.59	2	SLU
207	Max	6	-3989.47	3	SLE R	-2.76	3	SLE R	1.07	2	SLU	-1.35	3	SLE R
207	Max	7	-3987.13	3	SLE R	-2.76	3	SLE R	1.11	2	SLU	-1.39	3	SLE R
207	Max	1007	-3156.05	3	SLE R	-2.76	3	SLE R	-2.26	3	SLE R	-1.39	3	SLE R
207	Max	1006	-3170.55	3	SLE R	-2.76	3	SLE R	-2.21	3	SLE R	-1.35	3	SLE R
207	Min.	6	-5558.68	2	SLU	-4.22	2	SLU	0.77	3	SLE R	-1.89	2	SLU
207	Min.	7	-5556.02	2	SLU	-4.22	2	SLU	0.80	3	SLE R	-1.94	2	SLU
207	Min.	1007	-4474.23	2	SLU	-4.22	2	SLU	-3.16	2	SLU	-1.94	2	SLU
207	Min.	1006	-4495.47	2	SLU	-4.22	2	SLU	-3.09	2	SLU	-1.89	2	SLU
208	Max	-19	-4309.37	3	SLE R	-38.73	3	SLE R	-0.09	3	SLE R	0.32	2	SLU
208	Max	19	-4313.41	3	SLE R	-38.73	3	SLE R	-0.09	3	SLE R	0.33	2	SLU
208	Max	1019	-3248.52	3	SLE R	-38.73	3	SLE R	0.58	2	SLU	0.33	2	SLU
208	Max	-141	-3414.88	3	SLE R	-38.73	3	SLE R	0.56	1	SLU	0.32	2	SLU
208	Min.	-19	-6001.76	2	SLU	-54.22	2	SLU	-0.14	2	SLU	0.22	3	SLE R
208	Min.	19	-6007.70	2	SLU	-54.22	2	SLU	-0.14	2	SLU	0.22	3	SLE R
208	Min.	1019	-4614.81	2	SLU	-54.22	2	SLU	0.40	3	SLE R	0.22	3	SLE R
208	Min.	-141	-4847.46	2	SLU	-54.22	2	SLU	0.39	4	SLE R	0.22	3	SLE R
208	Max	8	-4552.35	3	SLE R	-38.43	3	SLE R	-0.10	3	SLE R	0.32	2	SLU
208	Max	-19	-4556.18	3	SLE R	-38.43	3	SLE R	-0.09	3	SLE R	0.32	2	SLU
208	Max	-141	-3491.95	3	SLE R	-38.43	3	SLE R	0.56	1	SLU	0.32	2	SLU



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208Max	1008	-3657.21	3SLE R	-38.43	3SLE R	0.54	1SLU	0.32	2SLU
208Min.	8	-6341.16	2SLU	-53.81	2SLU	-0.15	2SLU	0.22	3SLE R
208Min.	-19	-6346.81	2SLU	-53.81	2SLU	-0.14	2SLU	0.22	3SLE R
208Min.	-141	-4954.82	2SLU	-53.81	2SLU	0.39	4SLE R	0.22	3SLE R
208Min.	1008	-5185.96	2SLU	-53.81	2SLU	0.38	4SLE R	0.22	3SLE R
209Max	21	-2445.07	3SLE R	-2.93	3SLE R	0.90	2SLU	-1.07	3SLE R
209Max	22	-2446.22	3SLE R	-2.93	3SLE R	0.92	2SLU	-1.09	3SLE R
209Max	1022	-1858.84	3SLE R	-2.93	3SLE R	-1.74	3SLE R	-1.09	3SLE R
209Max	1021	-1870.58	3SLE R	-2.93	3SLE R	-1.72	3SLE R	-1.07	3SLE R
209Min.	21	-3404.14	2SLU	-4.28	2SLU	0.64	3SLE R	-1.50	2SLU
209Min.	22	-3406.06	2SLU	-4.28	2SLU	0.66	3SLE R	-1.52	2SLU
209Min.	1022	-2641.44	2SLU	-4.28	2SLU	-2.43	2SLU	-1.52	2SLU
209Min.	1021	-2658.33	2SLU	-4.28	2SLU	-2.39	2SLU	-1.50	2SLU
209Max	20	-3500.54	3SLE R	-4.35	3SLE R	1.22	2SLU	-1.48	3SLE R
209Max	21	-3499.65	3SLE R	-4.35	3SLE R	1.27	2SLU	-1.52	3SLE R
209Max	1021	-2665.08	3SLE R	-4.35	3SLE R	-2.43	3SLE R	-1.52	3SLE R
209Max	1020	-2685.12	3SLE R	-4.35	3SLE R	-2.39	3SLE R	-1.48	3SLE R
209Min.	20	-4874.24	2SLU	-6.34	2SLU	0.88	3SLE R	-2.07	2SLU
209Min.	21	-4873.38	2SLU	-6.34	2SLU	0.91	3SLE R	-2.12	2SLU
209Min.	1021	-3786.93	2SLU	-6.34	2SLU	-3.40	2SLU	-2.12	2SLU
209Min.	1020	-3815.69	2SLU	-6.34	2SLU	-3.33	2SLU	-2.07	2SLU
209Max	19	-1393.75	3SLE R	-1.04	3SLE R	0.48	2SLU	-0.58	3SLE R
209Max	20	-1394.42	3SLE R	-1.04	3SLE R	0.49	2SLU	-0.59	3SLE R
209Max	1020	-1065.57	3SLE R	-1.04	3SLE R	-0.95	3SLE R	-0.59	3SLE R
209Max	1019	-1069.47	3SLE R	-1.04	3SLE R	-0.94	3SLE R	-0.58	3SLE R
209Min.	19	-1940.89	2SLU	-1.52	2SLU	0.34	3SLE R	-0.81	2SLU
209Min.	20	-1941.94	2SLU	-1.52	2SLU	0.35	3SLE R	-0.82	2SLU
209Min.	1020	-1514.08	2SLU	-1.52	2SLU	-1.32	2SLU	-0.82	2SLU
209Min.	1019	-1519.69	2SLU	-1.52	2SLU	-1.31	2SLU	-0.81	2SLU
210Max	22	-3709.57	3SLE R	-37.25	3SLE R	-0.10	3SLE R	0.33	2SLU
210Max	-28	-3719.53	3SLE R	-37.25	3SLE R	-0.09	3SLE R	0.34	2SLU
210Max	-150	-2726.65	3SLE R	-37.25	3SLE R	0.60	2SLU	0.34	2SLU
210Max	1022	-2880.57	3SLE R	-37.25	3SLE R	0.58	2SLU	0.33	2SLU
210Min.	22	-5164.10	2SLU	-52.08	2SLU	-0.15	2SLU	0.23	3SLE R
210Min.	-28	-5178.18	2SLU	-52.08	2SLU	-0.14	2SLU	0.23	3SLE R
210Min.	-150	-3879.39	2SLU	-52.08	2SLU	0.42	3SLE R	0.23	3SLE R
210Min.	1022	-4094.45	2SLU	-52.08	2SLU	0.41	3SLE R	0.23	3SLE R
210Max	40	-2083.57	3SLE R	-33.86	3SLE R	-0.14	3SLE R	0.44	2SLU
210Max	-55	-2108.56	3SLE R	-33.86	3SLE R	-0.13	3SLE R	0.43	2SLU
210Max	-177	-1320.78	3SLE R	-33.86	3SLE R	0.74	2SLU	0.43	2SLU
210Max	1040	-1444.79	3SLE R	-33.86	3SLE R	0.76	2SLU	0.44	2SLU
210Min.	40	-2897.48	2SLU	-47.25	2SLU	-0.21	2SLU	0.31	3SLE R
210Min.	-55	-2932.28	2SLU	-47.25	2SLU	-0.19	2SLU	0.30	3SLE R
210Min.	-177	-1901.06	2SLU	-47.25	2SLU	0.53	3SLE R	0.30	3SLE R
210Min.	1040	-2074.17	2SLU	-47.25	2SLU	0.54	3SLE R	0.31	3SLE R
210Max	-55	-1934.46	3SLE R	-33.84	3SLE R	-0.13	3SLE R	0.43	2SLU
210Max	49	-1959.43	3SLE R	-33.84	3SLE R	-0.12	3SLE R	0.41	2SLU
210Max	1049	-1171.70	3SLE R	-33.84	3SLE R	0.73	2SLU	0.41	2SLU
210Max	-177	-1295.63	3SLE R	-33.84	3SLE R	0.74	2SLU	0.43	2SLU
210Min.	-55	-2689.24	2SLU	-47.23	2SLU	-0.19	2SLU	0.30	3SLE R
210Min.	49	-2724.02	2SLU	-47.23	2SLU	-0.18	2SLU	0.29	3SLE R
210Min.	1049	-1692.85	2SLU	-47.23	2SLU	0.52	3SLE R	0.29	3SLE R
210Min.	-177	-1865.88	2SLU	-47.23	2SLU	0.53	3SLE R	0.30	3SLE R
210Max	37	-684.35	3SLE R	-4.87	3SLE R	-0.05	3SLE R	0.14	2SLU
210Max	40	-690.21	3SLE R	-4.87	3SLE R	-0.05	3SLE R	0.14	2SLU
210Max	1040	-456.05	3SLE R	-4.87	3SLE R	0.24	2SLU	0.14	2SLU
210Max	1037	-471.63	3SLE R	-4.87	3SLE R	0.24	2SLU	0.14	2SLU
210Min.	37	-951.85	2SLU	-6.80	2SLU	-0.07	2SLU	0.10	3SLE R
210Min.	40	-960.02	2SLU	-6.80	2SLU	-0.07	2SLU	0.10	3SLE R
210Min.	1040	-654.60	2SLU	-6.80	2SLU	0.17	3SLE R	0.10	3SLE R
210Min.	1037	-676.34	2SLU	-6.80	2SLU	0.17	3SLE R	0.10	3SLE R
210Max	-28	-3493.01	3SLE R	-37.48	3SLE R	-0.09	3SLE R	0.34	2SLU
210Max	-38	-3503.14	3SLE R	-37.48	3SLE R	-0.09	3SLE R	0.34	2SLU
210Max	-160	-2509.75	3SLE R	-37.48	3SLE R	0.62	2SLU	0.34	2SLU
210Max	-150	-2664.53	3SLE R	-37.48	3SLE R	0.60	2SLU	0.34	2SLU
210Min.	-28	-4861.82	2SLU	-52.40	2SLU	-0.14	2SLU	0.23	3SLE R
210Min.	-38	-4876.13	2SLU	-52.40	2SLU	-0.13	2SLU	0.24	3SLE R
210Min.	-160	-3576.63	2SLU	-52.40	2SLU	0.43	3SLE R	0.24	3SLE R
210Min.	-150	-3792.89	2SLU	-52.40	2SLU	0.42	3SLE R	0.23	3SLE R
210Max	66	-3453.95	3SLE R	5.48	1SLU	4.46	2SLU	-9.94	3SLE R



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210	Max	-80	-3319.76	3	SLE R	5.48	1	SLU	4.65	2	SLU	-10.46	3	SLE R
210	Max	-202	-3194.67	3	SLE R	5.48	1	SLU	-1.89	3	SLE R	-10.46	3	SLE R
210	Max	1066	-3325.13	3	SLE R	5.48	1	SLU	-1.76	3	SLE R	-9.94	3	SLE R
210	Min.	66	-4891.09	2	SLU	3.44	4	SLE R	3.20	3	SLE R	-13.79	2	SLU
210	Min.	-80	-4703.52	2	SLU	3.44	4	SLE R	3.34	3	SLE R	-14.54	2	SLU
210	Min.	-202	-4541.01	2	SLU	3.44	4	SLE R	-2.62	2	SLU	-14.54	2	SLU
210	Min.	1066	-4723.52	2	SLU	3.44	4	SLE R	-2.44	2	SLU	-13.79	2	SLU
210	Max	-42	-2424.84	3	SLE R	-27.78	3	SLE R	-0.09	3	SLE R	0.32	2	SLU
210	Max	-46	-2438.73	3	SLE R	-27.78	3	SLE R	-0.12	3	SLE R	0.38	2	SLU
210	Max	-168	-1667.21	3	SLE R	-27.78	3	SLE R	0.67	2	SLU	0.38	2	SLU
210	Max	-164	-1775.53	3	SLE R	-27.78	3	SLE R	0.57	2	SLU	0.32	2	SLU
210	Min.	-42	-3373.53	2	SLU	-39.08	2	SLU	-0.14	2	SLU	0.23	3	SLE R
210	Min.	-46	-3393.58	2	SLU	-39.08	2	SLU	-0.18	2	SLU	0.27	3	SLE R
210	Min.	-168	-2384.06	2	SLU	-39.08	2	SLU	0.47	3	SLE R	0.27	3	SLE R
210	Min.	-164	-2535.95	2	SLU	-39.08	2	SLU	0.40	3	SLE R	0.23	3	SLE R
210	Max	-46	-2276.37	3	SLE R	-28.89	3	SLE R	-0.12	3	SLE R	0.38	2	SLU
210	Max	37	-2291.34	3	SLE R	-28.89	3	SLE R	-0.15	3	SLE R	0.44	2	SLU
210	Max	1037	-1517.36	3	SLE R	-28.89	3	SLE R	0.76	2	SLU	0.44	2	SLU
210	Max	-168	-1629.52	3	SLE R	-28.89	3	SLE R	0.67	2	SLU	0.38	2	SLU
210	Min.	-46	-3166.30	2	SLU	-40.65	2	SLU	-0.18	2	SLU	0.27	3	SLE R
210	Min.	37	-3187.88	2	SLU	-40.65	2	SLU	-0.21	2	SLU	0.31	3	SLE R
210	Min.	1037	-2174.90	2	SLU	-40.65	2	SLU	0.54	3	SLE R	0.31	3	SLE R
210	Min.	-168	-2332.19	2	SLU	-40.65	2	SLU	0.47	3	SLE R	0.27	3	SLE R
210	Max	-80	-3056.18	3	SLE R	6.14	1	SLU	4.65	2	SLU	-10.46	3	SLE R
210	Max	79	-2922.62	3	SLE R	6.14	1	SLU	4.85	2	SLU	-10.98	3	SLE R
210	Max	1080	-2797.78	3	SLE R	6.14	1	SLU	-2.01	3	SLE R	-10.98	3	SLE R
210	Max	-202	-2927.11	3	SLE R	6.14	1	SLU	-1.89	3	SLE R	-10.46	3	SLE R
210	Min.	-80	-4334.83	2	SLU	3.94	4	SLE R	3.34	3	SLE R	-14.54	2	SLU
210	Min.	79	-4148.12	2	SLU	3.94	4	SLE R	3.48	3	SLE R	-15.29	2	SLU
210	Min.	1080	-3985.94	2	SLU	3.94	4	SLE R	-2.79	2	SLU	-15.29	2	SLU
210	Min.	-202	-4166.93	2	SLU	3.94	4	SLE R	-2.62	2	SLU	-14.54	2	SLU
210	Max	-343	-5887.14	3	SLE R	-10.52	3	SLE R	4.17	2	SLU	-8.89	4	SLE R
210	Max	-65	-5714.39	3	SLE R	-10.52	3	SLE R	4.43	2	SLU	-9.58	3	SLE R
210	Max	-187	-5562.65	3	SLE R	-10.52	3	SLE R	-1.59	3	SLE R	-9.58	3	SLE R
210	Max	-341	-5745.92	3	SLE R	-10.52	3	SLE R	-1.42	4	SLE R	-8.89	4	SLE R
210	Min.	-343	-8302.13	2	SLU	-14.38	2	SLU	3.02	3	SLE R	-12.23	1	SLU
210	Min.	-65	-8060.56	2	SLU	-14.38	2	SLU	3.20	3	SLE R	-13.21	2	SLU
210	Min.	-187	-7862.94	2	SLU	-14.38	2	SLU	-2.17	2	SLU	-13.21	2	SLU
210	Min.	-341	-8118.89	2	SLU	-14.38	2	SLU	-1.95	1	SLU	-12.23	1	SLU
210	Max	-65	-5624.15	3	SLE R	-12.30	3	SLE R	4.65	2	SLU	-10.05	3	SLE R
210	Max	53	-5432.77	3	SLE R	-12.30	3	SLE R	4.94	2	SLU	-10.81	3	SLE R
210	Max	1053	-5272.32	3	SLE R	-12.30	3	SLE R	-1.84	3	SLE R	-10.81	3	SLE R
210	Max	-187	-5476.00	3	SLE R	-12.30	3	SLE R	-1.66	3	SLE R	-10.05	3	SLE R
210	Min.	-65	-7938.56	2	SLU	-16.88	2	SLU	3.36	3	SLE R	-13.86	2	SLU
210	Min.	53	-7670.91	2	SLU	-16.88	2	SLU	3.56	3	SLE R	-14.95	2	SLU
210	Min.	1053	-7461.88	2	SLU	-16.88	2	SLU	-2.53	2	SLU	-14.95	2	SLU
210	Min.	-187	-7746.42	2	SLU	-16.88	2	SLU	-2.28	2	SLU	-13.86	2	SLU
210	Max	-38	-2568.34	3	SLE R	-26.16	3	SLE R	-0.07	3	SLE R	0.27	2	SLU
210	Max	-42	-2580.62	3	SLE R	-26.16	3	SLE R	-0.09	3	SLE R	0.32	2	SLU
210	Max	-164	-1812.66	3	SLE R	-26.16	3	SLE R	0.57	2	SLU	0.32	2	SLU
210	Max	-160	-1915.47	3	SLE R	-26.16	3	SLE R	0.48	2	SLU	0.27	2	SLU
210	Min.	-38	-3573.88	2	SLU	-36.81	2	SLU	-0.10	2	SLU	0.18	3	SLE R
210	Min.	-42	-3591.66	2	SLU	-36.81	2	SLU	-0.14	2	SLU	0.23	3	SLE R
210	Min.	-164	-2587.14	2	SLU	-36.81	2	SLU	0.40	3	SLE R	0.23	3	SLE R
210	Min.	-160	-2731.32	2	SLU	-36.81	2	SLU	0.34	3	SLE R	0.18	3	SLE R
210	Max	53	-7250.97	3	SLE R	0.37	1	SLU	7.06	2	SLU	-15.33	3	SLE R
210	Max	66	-6826.57	3	SLE R	0.37	1	SLU	7.66	2	SLU	-16.90	3	SLE R
210	Max	1066	-6600.10	3	SLE R	0.37	1	SLU	-2.94	3	SLE R	-16.90	3	SLE R
210	Max	1053	-7024.31	3	SLE R	0.37	1	SLU	-2.57	3	SLE R	-15.33	3	SLE R
210	Min.	53	-10248.60	2	SLU	0.18	4	SLE R	5.09	3	SLE R	-21.20	2	SLU
210	Min.	66	-9655.19	2	SLU	0.18	4	SLE R	5.51	3	SLE R	-23.46	2	SLU
210	Min.	1066	-9360.83	2	SLU	0.18	4	SLE R	-4.07	2	SLU	-23.46	2	SLU
210	Min.	1053	-9953.86	2	SLU	0.18	4	SLE R	-3.53	2	SLU	-21.20	2	SLU
211	Max	30	-2126.66	3	SLE R	-1.71	4	SLE R	0.56	2	SLU	-0.77	3	SLE R
211	Max	-31	-2126.51	3	SLE R	-1.71	4	SLE R	0.58	2	SLU	-0.78	3	SLE R
211	Max	-153	-1603.63	3	SLE R	-1.71	4	SLE R	-1.30	3	SLE R	-0.78	3	SLE R
211	Max	1030	-1611.42	3	SLE R	-1.71	4	SLE R	-1.28	3	SLE R	-0.77	3	SLE R
211	Min.	30	-2963.15	2	SLU	-2.54	1	SLU	0.40	3	SLE R	-1.07	2	SLU
211	Min.	-31	-2963.07	2	SLU	-2.54	1	SLU	0.41	3	SLE R	-1.09	2	SLU
211	Min.	-153	-2282.81	2	SLU	-2.54	1	SLU	-1.82	2	SLU	-1.09	2	SLU



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211Min.	1030	-2293.85	2SLU	-2.54	1SLU	-1.79	2SLU	-1.07	2SLU
211Max	-34	-3825.87	3SLE R	-5.17	3SLE R	1.23	2SLU	-1.58	3SLE R
211Max	-35	-3821.91	3SLE R	-5.17	3SLE R	1.29	2SLU	-1.63	3SLE R
211Max	-157	-2842.53	3SLE R	-5.17	3SLE R	-2.66	3SLE R	-1.63	3SLE R
211Max	-156	-2869.26	3SLE R	-5.17	3SLE R	-2.60	3SLE R	-1.58	3SLE R
211Min.	-34	-5328.98	2SLU	-7.68	2SLU	0.88	3SLE R	-2.21	2SLU
211Min.	-35	-5324.27	2SLU	-7.68	2SLU	0.93	3SLE R	-2.28	2SLU
211Min.	-157	-4048.97	2SLU	-7.68	2SLU	-3.72	2SLU	-2.28	2SLU
211Min.	-156	-4087.47	2SLU	-7.68	2SLU	-3.62	2SLU	-2.21	2SLU
211Max	-37	-3634.30	3SLE R	-5.55	3SLE R	1.49	2SLU	-1.79	3SLE R
211Max	-38	-3629.88	3SLE R	-5.55	3SLE R	1.55	2SLU	-1.84	3SLE R
211Max	-160	-2648.31	3SLE R	-5.55	3SLE R	-2.93	3SLE R	-1.84	3SLE R
211Max	-159	-2677.13	3SLE R	-5.55	3SLE R	-2.87	3SLE R	-1.79	3SLE R
211Min.	-37	-5058.54	2SLU	-8.04	2SLU	1.07	3SLE R	-2.49	2SLU
211Min.	-38	-5052.74	2SLU	-8.04	2SLU	1.11	3SLE R	-2.56	2SLU
211Min.	-160	-3774.86	2SLU	-8.04	2SLU	-4.09	2SLU	-2.56	2SLU
211Min.	-159	-3816.05	2SLU	-8.04	2SLU	-4.00	2SLU	-2.49	2SLU
211Max	-31	-2114.89	3SLE R	-1.75	4SLE R	0.58	2SLU	-0.78	3SLE R
211Max	31	-2114.79	3SLE R	-1.75	4SLE R	0.59	2SLU	-0.80	3SLE R
211Max	1031	-1591.82	3SLE R	-1.75	4SLE R	-1.32	3SLE R	-0.80	3SLE R
211Max	-153	-1599.73	3SLE R	-1.75	4SLE R	-1.30	3SLE R	-0.78	3SLE R
211Min.	-31	-2946.67	2SLU	-2.59	1SLU	0.41	3SLE R	-1.09	2SLU
211Min.	31	-2946.66	2SLU	-2.59	1SLU	0.43	3SLE R	-1.11	2SLU
211Min.	1031	-2266.27	2SLU	-2.59	1SLU	-1.85	2SLU	-1.11	2SLU
211Min.	-153	-2277.50	2SLU	-2.59	1SLU	-1.82	2SLU	-1.09	2SLU
211Max	32	-3684.98	3SLE R	-5.55	3SLE R	1.42	2SLU	-1.74	3SLE R
211Max	-37	-3680.56	3SLE R	-5.55	3SLE R	1.49	2SLU	-1.79	3SLE R
211Max	-159	-2698.99	3SLE R	-5.55	3SLE R	-2.87	3SLE R	-1.79	3SLE R
211Max	1032	-2727.81	3SLE R	-5.55	3SLE R	-2.80	3SLE R	-1.74	3SLE R
211Min.	32	-5130.24	2SLU	-8.04	2SLU	1.02	3SLE R	-2.42	2SLU
211Min.	-37	-5124.43	2SLU	-8.04	2SLU	1.07	3SLE R	-2.49	2SLU
211Min.	-159	-3846.56	2SLU	-8.04	2SLU	-4.00	2SLU	-2.49	2SLU
211Min.	1032	-3887.73	2SLU	-8.04	2SLU	-3.91	2SLU	-2.42	2SLU
211Max	-35	-3778.58	3SLE R	-5.54	3SLE R	1.29	2SLU	-1.63	3SLE R
211Max	-36	-3774.88	3SLE R	-5.54	3SLE R	1.36	2SLU	-1.68	3SLE R
211Max	-158	-2794.68	3SLE R	-5.54	3SLE R	-2.73	3SLE R	-1.68	3SLE R
211Max	-157	-2822.78	3SLE R	-5.54	3SLE R	-2.66	3SLE R	-1.63	3SLE R
211Min.	-35	-5262.32	2SLU	-8.22	2SLU	0.93	3SLE R	-2.28	2SLU
211Min.	-36	-5257.98	2SLU	-8.22	2SLU	0.97	3SLE R	-2.35	2SLU
211Min.	-158	-3981.50	2SLU	-8.22	2SLU	-3.81	2SLU	-2.35	2SLU
211Min.	-157	-4022.01	2SLU	-8.22	2SLU	-3.72	2SLU	-2.28	2SLU
211Max	29	-3269.87	3SLE R	4.86	2SLU	0.80	2SLU	-1.13	3SLE R
211Max	30	-3253.26	3SLE R	4.86	2SLU	0.85	2SLU	-1.16	3SLE R
211Max	1030	-2470.08	3SLE R	4.86	2SLU	-1.95	3SLE R	-1.16	3SLE R
211Max	1029	-2471.80	3SLE R	4.86	2SLU	-1.91	3SLE R	-1.13	3SLE R
211Min.	29	-4556.41	2SLU	3.39	3SLE R	0.58	3SLE R	-1.58	2SLU
211Min.	30	-4532.89	2SLU	3.39	3SLE R	0.61	3SLE R	-1.63	2SLU
211Min.	1030	-3515.77	2SLU	3.39	3SLE R	-2.73	2SLU	-1.63	2SLU
211Min.	1029	-3517.90	2SLU	3.39	3SLE R	-2.67	2SLU	-1.58	2SLU
211Max	-36	-3729.52	3SLE R	-5.86	3SLE R	1.36	2SLU	-1.68	3SLE R
211Max	32	-3726.08	3SLE R	-5.86	3SLE R	1.42	2SLU	-1.73	3SLE R
211Max	1032	-2745.19	3SLE R	-5.86	3SLE R	-2.80	3SLE R	-1.73	3SLE R
211Max	-158	-2774.42	3SLE R	-5.86	3SLE R	-2.73	3SLE R	-1.68	3SLE R
211Min.	-36	-5193.06	2SLU	-8.69	2SLU	0.97	3SLE R	-2.35	2SLU
211Min.	32	-5189.10	2SLU	-8.69	2SLU	1.02	3SLE R	-2.42	2SLU
211Min.	1032	-3911.59	2SLU	-8.69	2SLU	-3.90	2SLU	-2.42	2SLU
211Min.	-158	-3953.77	2SLU	-8.69	2SLU	-3.81	2SLU	-2.35	2SLU
211Max	-32	-1950.64	3SLE R	-1.71	4SLE R	0.57	2SLU	-0.75	3SLE R
211Max	-33	-1950.84	3SLE R	-1.71	4SLE R	0.59	2SLU	-0.77	3SLE R
211Max	-155	-1463.06	3SLE R	-1.71	4SLE R	-1.27	3SLE R	-0.77	3SLE R
211Max	-154	-1470.43	3SLE R	-1.71	4SLE R	-1.25	3SLE R	-0.75	3SLE R
211Min.	-32	-2717.64	2SLU	-2.50	1SLU	0.41	3SLE R	-1.05	2SLU
211Min.	-33	-2718.06	2SLU	-2.50	1SLU	0.42	3SLE R	-1.07	2SLU
211Min.	-155	-2083.40	2SLU	-2.50	1SLU	-1.77	2SLU	-1.07	2SLU
211Min.	-154	-2093.90	2SLU	-2.50	1SLU	-1.75	2SLU	-1.05	2SLU
211Max	31	-1961.22	3SLE R	-1.64	4SLE R	0.55	2SLU	-0.74	3SLE R
211Max	-32	-1961.33	3SLE R	-1.64	4SLE R	0.57	2SLU	-0.75	3SLE R
211Max	-154	-1473.69	3SLE R	-1.64	4SLE R	-1.25	3SLE R	-0.75	3SLE R
211Max	1031	-1480.86	3SLE R	-1.64	4SLE R	-1.23	3SLE R	-0.74	3SLE R
211Min.	31	-2732.47	2SLU	-2.42	1SLU	0.40	3SLE R	-1.04	2SLU



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211Min.	-32	-2732.78	2SLU	-2.42	1SLU	0.41	3SLE R	-1.05	2SLU
211Min.	-154	-2098.32	2SLU	-2.42	1SLU	-1.75	2SLU	-1.05	2SLU
211Min.	1031	-2108.53	2SLU	-2.42	1SLU	-1.72	2SLU	-1.04	2SLU
211Max	-33	-3871.12	3SLE R	-4.77	3SLE R	1.17	2SLU	-1.53	3SLE R
211Max	-34	-3866.87	3SLE R	-4.77	3SLE R	1.23	2SLU	-1.58	3SLE R
211Max	-156	-2888.36	3SLE R	-4.77	3SLE R	-2.60	3SLE R	-1.58	3SLE R
211Max	-155	-2913.62	3SLE R	-4.77	3SLE R	-2.53	3SLE R	-1.53	3SLE R
211Min.	-33	-5392.64	2SLU	-7.09	2SLU	0.84	3SLE R	-2.13	2SLU
211Min.	-34	-5387.50	2SLU	-7.09	2SLU	0.88	3SLE R	-2.21	2SLU
211Min.	-156	-4113.50	2SLU	-7.09	2SLU	-3.62	2SLU	-2.21	2SLU
211Min.	-155	-4149.84	2SLU	-7.09	2SLU	-3.53	2SLU	-2.13	2SLU
212Max	37	-3049.79	3SLE R	16.51	2SLU	-1.32	3SLE R	2.95	2SLU
212Max	-50	-3049.18	3SLE R	16.51	2SLU	-1.29	3SLE R	2.92	2SLU
212Max	-172	-2104.40	3SLE R	16.51	2SLU	4.63	2SLU	2.92	2SLU
212Max	1037	-2055.82	3SLE R	16.51	2SLU	4.66	2SLU	2.95	2SLU
212Min.	37	-4243.40	2SLU	11.18	3SLE R	-1.84	2SLU	2.12	3SLE R
212Min.	-50	-4240.68	2SLU	11.18	3SLE R	-1.80	2SLU	2.09	3SLE R
212Min.	-172	-3016.81	2SLU	11.18	3SLE R	3.32	3SLE R	2.09	3SLE R
212Min.	1037	-2946.90	2SLU	11.18	3SLE R	3.34	3SLE R	2.12	3SLE R
212Max	-50	-3123.50	3SLE R	19.25	2SLU	-1.29	3SLE R	2.92	2SLU
212Max	36	-3119.71	3SLE R	19.25	2SLU	-1.27	3SLE R	2.89	2SLU
212Max	1036	-2178.13	3SLE R	19.25	2SLU	4.59	2SLU	2.89	2SLU
212Max	-172	-2126.33	3SLE R	19.25	2SLU	4.63	2SLU	2.92	2SLU
212Min.	-50	-4347.39	2SLU	12.63	3SLE R	-1.80	2SLU	2.09	3SLE R
212Min.	36	-4338.66	2SLU	12.63	3SLE R	-1.76	2SLU	2.07	3SLE R
212Min.	1036	-3120.82	2SLU	12.63	3SLE R	3.29	3SLE R	2.07	3SLE R
212Min.	-172	-3044.85	2SLU	12.63	3SLE R	3.32	3SLE R	2.09	3SLE R
213Max	-57	-2787.94	3SLE R	8.02	1SLU	-0.74	3SLE R	1.93	2SLU
213Max	43	-2792.09	3SLE R	8.02	1SLU	-0.69	3SLE R	1.85	2SLU
213Max	1043	-1933.77	3SLE R	8.02	1SLU	3.11	2SLU	1.85	2SLU
213Max	-179	-1904.59	3SLE R	8.02	1SLU	3.22	2SLU	1.93	2SLU
213Min.	-57	-3879.24	2SLU	5.63	4SLE R	-1.04	2SLU	1.38	3SLE R
213Min.	43	-3884.97	2SLU	5.63	4SLE R	-0.97	2SLU	1.32	3SLE R
213Min.	1043	-2770.33	2SLU	5.63	4SLE R	2.22	3SLE R	1.32	3SLE R
213Min.	-179	-2729.71	2SLU	5.63	4SLE R	2.30	3SLE R	1.38	3SLE R
213Max	48	-1665.14	3SLE R	7.33	2SLU	-0.82	3SLE R	1.86	2SLU
213Max	47	-1663.58	3SLE R	7.33	2SLU	-0.80	3SLE R	1.81	2SLU
213Max	1047	-1056.23	3SLE R	7.33	2SLU	2.88	2SLU	1.81	2SLU
213Max	1048	-1034.98	3SLE R	7.33	2SLU	2.93	2SLU	1.86	2SLU
213Min.	48	-2315.05	2SLU	5.18	3SLE R	-1.15	2SLU	1.33	3SLE R
213Min.	47	-2312.72	2SLU	5.18	3SLE R	-1.11	2SLU	1.30	3SLE R
213Min.	1047	-1524.49	2SLU	5.18	3SLE R	2.06	3SLE R	1.30	3SLE R
213Min.	1048	-1494.54	2SLU	5.18	3SLE R	2.10	3SLE R	1.33	3SLE R
213Max	47	-2786.60	3SLE R	14.34	2SLU	-1.30	3SLE R	2.96	2SLU
213Max	-61	-2790.63	3SLE R	14.34	2SLU	-1.23	3SLE R	2.85	2SLU
213Max	-183	-1799.66	3SLE R	14.34	2SLU	4.56	2SLU	2.85	2SLU
213Max	1047	-1751.74	3SLE R	14.34	2SLU	4.71	2SLU	2.96	2SLU
213Min.	47	-3875.30	2SLU	9.97	3SLE R	-1.81	2SLU	2.12	3SLE R
213Min.	-61	-3880.18	2SLU	9.97	3SLE R	-1.72	2SLU	2.04	3SLE R
213Min.	-183	-2594.94	2SLU	9.97	3SLE R	3.26	3SLE R	2.04	3SLE R
213Min.	1047	-2526.96	2SLU	9.97	3SLE R	3.37	3SLE R	2.12	3SLE R
213Max	-58	-2738.94	3SLE R	7.95	1SLU	-0.79	3SLE R	2.02	2SLU
213Max	-57	-2743.13	3SLE R	7.95	1SLU	-0.74	3SLE R	1.93	2SLU
213Max	-179	-1884.69	3SLE R	7.95	1SLU	3.22	2SLU	1.93	2SLU
213Max	-180	-1855.71	3SLE R	7.95	1SLU	3.33	2SLU	2.02	2SLU
213Min.	-58	-3811.15	2SLU	5.58	4SLE R	-1.11	2SLU	1.44	3SLE R
213Min.	-57	-3816.93	2SLU	5.58	4SLE R	-1.04	2SLU	1.38	3SLE R
213Min.	-179	-2702.14	2SLU	5.58	4SLE R	2.30	3SLE R	1.38	3SLE R
213Min.	-180	-2661.76	2SLU	5.58	4SLE R	2.38	3SLE R	1.44	3SLE R
213Max	45	-3044.35	3SLE R	27.44	2SLU	-1.01	3SLE R	2.48	2SLU
213Max	44	-3023.71	3SLE R	27.44	2SLU	-0.95	3SLE R	2.38	2SLU
213Max	1044	-2069.72	3SLE R	27.44	2SLU	3.90	2SLU	2.38	2SLU
213Max	1045	-2004.59	3SLE R	27.44	2SLU	4.05	2SLU	2.48	2SLU
213Min.	45	-4236.32	2SLU	19.49	3SLE R	-1.42	2SLU	1.78	3SLE R
213Min.	44	-4206.98	2SLU	19.49	3SLE R	-1.33	2SLU	1.70	3SLE R
213Min.	1044	-2971.41	2SLU	19.49	3SLE R	2.79	3SLE R	1.70	3SLE R
213Min.	1045	-2880.02	2SLU	19.49	3SLE R	2.89	3SLE R	1.78	3SLE R
213Max	44	-2058.59	3SLE R	5.91	1SLU	-0.64	3SLE R	1.59	2SLU
213Max	-58	-2059.10	3SLE R	5.91	1SLU	-0.61	3SLE R	1.54	2SLU
213Max	-180	-1403.73	3SLE R	5.91	1SLU	2.54	2SLU	1.54	2SLU



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213Max	1044	-1384.80	3SLE R	5.91	1SLU	2.60	2SLU	1.59	2SLU
213Min.	44	-2864.48	2SLU	4.15	4SLE R	-0.89	2SLU	1.13	3SLE R
213Min.	-58	-2865.14	2SLU	4.15	4SLE R	-0.85	2SLU	1.10	3SLE R
213Min.	-180	-2014.06	2SLU	4.15	4SLE R	1.82	3SLE R	1.10	3SLE R
213Min.	1044	-1987.64	2SLU	4.15	4SLE R	1.86	3SLE R	1.13	3SLE R
213Max	49	-1365.09	3SLE R	5.75	2SLU	-0.70	3SLE R	1.58	2SLU
213Max	48	-1363.04	3SLE R	5.75	2SLU	-0.69	3SLE R	1.55	2SLU
213Max	1048	-856.35	3SLE R	5.75	2SLU	2.45	2SLU	1.55	2SLU
213Max	1049	-840.54	3SLE R	5.75	2SLU	2.49	2SLU	1.58	2SLU
213Min.	49	-1897.60	2SLU	4.06	3SLE R	-0.98	2SLU	1.13	3SLE R
213Min.	48	-1894.60	2SLU	4.06	3SLE R	-0.96	2SLU	1.11	3SLE R
213Min.	1048	-1236.94	2SLU	4.06	3SLE R	1.75	3SLE R	1.11	3SLE R
213Min.	1049	-1214.64	2SLU	4.06	3SLE R	1.78	3SLE R	1.13	3SLE R
213Max	-60	-2938.41	3SLE R	12.89	2SLU	-1.17	3SLE R	2.74	2SLU
213Max	46	-2943.12	3SLE R	12.89	2SLU	-1.10	3SLE R	2.63	2SLU
213Max	1046	-1949.94	3SLE R	12.89	2SLU	4.26	2SLU	2.63	2SLU
213Max	-182	-1905.75	3SLE R	12.89	2SLU	4.41	2SLU	2.74	2SLU
213Min.	-60	-4088.12	2SLU	8.97	3SLE R	-1.63	2SLU	1.96	3SLE R
213Min.	46	-4093.97	2SLU	8.97	3SLE R	-1.53	2SLU	1.88	3SLE R
213Min.	1046	-2805.54	2SLU	8.97	3SLE R	3.05	3SLE R	1.88	3SLE R
213Min.	-182	-2742.96	2SLU	8.97	3SLE R	3.15	3SLE R	1.96	3SLE R
213Max	-59	-1338.80	3SLE R	3.52	1SLU	-0.47	3SLE R	1.14	2SLU
213Max	45	-1337.87	3SLE R	3.52	1SLU	-0.46	3SLE R	1.12	2SLU
213Max	1045	-896.48	3SLE R	3.52	1SLU	1.82	2SLU	1.12	2SLU
213Max	-181	-886.43	3SLE R	3.52	1SLU	1.85	2SLU	1.14	2SLU
213Min.	-59	-1862.79	2SLU	2.49	4SLE R	-0.66	2SLU	0.81	3SLE R
213Min.	45	-1861.44	2SLU	2.49	4SLE R	-0.64	2SLU	0.80	3SLE R
213Min.	1045	-1288.22	2SLU	2.49	4SLE R	1.30	3SLE R	0.80	3SLE R
213Min.	-181	-1274.13	2SLU	2.49	4SLE R	1.32	3SLE R	0.81	3SLE R
213Max	-61	-2863.85	3SLE R	13.64	2SLU	-1.23	3SLE R	2.85	2SLU
213Max	-60	-2868.25	3SLE R	13.64	2SLU	-1.17	3SLE R	2.74	2SLU
213Max	-182	-1876.20	3SLE R	13.64	2SLU	4.41	2SLU	2.74	2SLU
213Max	-183	-1830.06	3SLE R	13.64	2SLU	4.56	2SLU	2.85	2SLU
213Min.	-61	-3983.66	2SLU	9.49	3SLE R	-1.72	2SLU	2.04	3SLE R
213Min.	-60	-3989.06	2SLU	9.49	3SLE R	-1.63	2SLU	1.96	3SLE R
213Min.	-182	-2702.28	2SLU	9.49	3SLE R	3.15	3SLE R	1.96	3SLE R
213Min.	-183	-2636.86	2SLU	9.49	3SLE R	3.26	3SLE R	2.04	3SLE R
213Max	46	-1729.74	3SLE R	5.52	1SLU	-0.64	3SLE R	1.52	2SLU
213Max	-59	-1729.05	3SLE R	5.52	1SLU	-0.61	3SLE R	1.49	2SLU
213Max	-181	-1153.30	3SLE R	5.52	1SLU	2.41	2SLU	1.49	2SLU
213Max	1046	-1136.75	3SLE R	5.52	1SLU	2.46	2SLU	1.52	2SLU
213Min.	46	-2406.64	2SLU	3.91	4SLE R	-0.89	2SLU	1.09	3SLE R
213Min.	-59	-2405.58	2SLU	3.91	4SLE R	-0.86	2SLU	1.06	3SLE R
213Min.	-181	-1658.03	2SLU	3.91	4SLE R	1.73	3SLE R	1.06	3SLE R
213Min.	1046	-1634.82	2SLU	3.91	4SLE R	1.76	3SLE R	1.09	3SLE R
268Max	1056	-1250.81	4SLE R	-10.11	4SLE R	5.68	1SLU	-3.24	4SLE R
268Max	1055	-1255.70	4SLE R	-10.11	4SLE R	5.54	1SLU	-3.19	4SLE R
268Max	2056	-579.60	4SLE R	-10.11	4SLE R	-8.66	4SLE R	-3.19	4SLE R
268Max	2057	-651.16	4SLE R	-10.11	4SLE R	-8.75	4SLE R	-3.24	4SLE R
268Min.	1056	-1799.17	1SLU	-16.73	1SLU	3.50	4SLE R	-5.20	1SLU
268Min.	1055	-1809.57	1SLU	-16.73	1SLU	3.41	4SLE R	-5.12	1SLU
268Min.	2056	-917.10	1SLU	-16.73	1SLU	-13.82	1SLU	-5.12	1SLU
268Min.	2057	-1033.17	1SLU	-16.73	1SLU	-13.96	1SLU	-5.20	1SLU
268Max	-201	-2164.03	4SLE R	-21.88	4SLE R	9.23	1SLU	-5.19	4SLE R
268Max	1056	-2164.93	4SLE R	-21.88	4SLE R	8.89	1SLU	-5.07	4SLE R
268Max	2057	-1082.87	4SLE R	-21.88	4SLE R	-13.70	4SLE R	-5.07	4SLE R
268Max	-288	-1247.41	4SLE R	-21.88	4SLE R	-13.93	4SLE R	-5.19	4SLE R
268Min.	-201	-3141.91	1SLU	-36.20	1SLU	5.70	4SLE R	-8.31	1SLU
268Min.	1056	-3149.07	1SLU	-36.20	1SLU	5.47	4SLE R	-8.13	1SLU
268Min.	2057	-1713.09	1SLU	-36.20	1SLU	-21.86	1SLU	-8.13	1SLU
268Min.	-288	-1979.62	1SLU	-36.20	1SLU	-22.20	1SLU	-8.31	1SLU
268Max	1082	-2409.48	4SLE R	-21.88	4SLE R	9.57	1SLU	-5.31	4SLE R
268Max	-201	-2410.37	4SLE R	-21.88	4SLE R	9.23	1SLU	-5.19	4SLE R
268Max	-288	-1328.32	4SLE R	-21.88	4SLE R	-13.93	4SLE R	-5.19	4SLE R
268Max	2083	-1492.86	4SLE R	-21.88	4SLE R	-14.15	4SLE R	-5.31	4SLE R
268Min.	1082	-3530.95	1SLU	-36.20	1SLU	5.92	4SLE R	-8.49	1SLU
268Min.	-201	-3538.10	1SLU	-36.20	1SLU	5.70	4SLE R	-8.31	1SLU
268Min.	-288	-2102.12	1SLU	-36.20	1SLU	-22.20	1SLU	-8.31	1SLU
268Min.	2083	-2368.65	1SLU	-36.20	1SLU	-22.53	1SLU	-8.49	1SLU
269Max	1050	-2811.20	4SLE R	9.07	1SLU	-1.24	4SLE R	0.46	1SLU



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269Max	1042	-2766.55	4SLE R	9.07	1SLU	-1.39	4SLE R	0.58	1SLU
269Max	2043	-1980.90	4SLE R	9.07	1SLU	0.11	1SLU	0.58	1SLU
269Max	2051	-1980.90	4SLE R	9.07	1SLU	-0.07	4SLE R	0.46	1SLU
269Min.	1050	-4226.39	1SLU	5.91	4SLE R	-1.84	1SLU	0.31	4SLE R
269Min.	1042	-4157.84	1SLU	5.91	4SLE R	-2.06	1SLU	0.39	4SLE R
269Min.	2043	-3141.75	1SLU	5.91	4SLE R	0.07	4SLE R	0.39	4SLE R
269Min.	2051	-3141.75	1SLU	5.91	4SLE R	-0.11	1SLU	0.31	4SLE R
270Max	-167	-2614.71	4SLE R	116.42	1SLU	-1.82	4SLE R	0.75	1SLU
270Max	1033	-2409.31	4SLE R	116.42	1SLU	-1.99	4SLE R	0.89	1SLU
270Max	2034	-1810.23	4SLE R	116.42	1SLU	0.39	1SLU	0.89	1SLU
270Max	-265	-1456.08	4SLE R	116.42	1SLU	0.13	1SLU	0.75	1SLU
270Min.	-167	-3894.80	1SLU	74.01	4SLE R	-2.70	1SLU	0.50	4SLE R
270Min.	1033	-3573.09	1SLU	74.01	4SLE R	-2.96	1SLU	0.60	4SLE R
270Min.	2034	-2870.66	1SLU	74.01	4SLE R	0.26	4SLE R	0.60	4SLE R
270Min.	-265	-2312.21	1SLU	74.01	4SLE R	0.09	4SLE R	0.50	4SLE R
270Max	1041	-2168.44	4SLE R	116.42	1SLU	-1.47	4SLE R	0.47	1SLU
270Max	-171	-1963.03	4SLE R	116.42	1SLU	-1.64	4SLE R	0.61	1SLU
270Max	-270	-1363.96	4SLE R	116.42	1SLU	-0.09	4SLE R	0.61	1SLU
270Max	2042	-1009.81	4SLE R	116.42	1SLU	-0.26	4SLE R	0.47	1SLU
270Min.	1041	-3184.57	1SLU	74.02	4SLE R	-2.18	1SLU	0.32	4SLE R
270Min.	-171	-2862.85	1SLU	74.02	4SLE R	-2.44	1SLU	0.41	4SLE R
270Min.	-270	-2160.42	1SLU	74.02	4SLE R	-0.13	1SLU	0.41	4SLE R
270Min.	2042	-1601.98	1SLU	74.02	4SLE R	-0.39	1SLU	0.32	4SLE R
270Max	-171	-2391.56	4SLE R	116.42	1SLU	-1.64	4SLE R	0.61	1SLU
270Max	-167	-2186.16	4SLE R	116.42	1SLU	-1.82	4SLE R	0.75	1SLU
270Max	-265	-1587.08	4SLE R	116.42	1SLU	0.13	1SLU	0.75	1SLU
270Max	-270	-1232.93	4SLE R	116.42	1SLU	-0.09	4SLE R	0.61	1SLU
270Min.	-171	-3539.66	1SLU	74.01	4SLE R	-2.44	1SLU	0.41	4SLE R
270Min.	-167	-3217.96	1SLU	74.01	4SLE R	-2.70	1SLU	0.50	4SLE R
270Min.	-265	-2515.52	1SLU	74.01	4SLE R	0.09	4SLE R	0.50	4SLE R
270Min.	-270	-1957.08	1SLU	74.01	4SLE R	-0.13	1SLU	0.41	4SLE R
271Max	1025	-2633.56	4SLE R	-103.05	4SLE R	-2.01	4SLE R	0.68	1SLU
271Max	-146	-2827.93	4SLE R	-103.05	4SLE R	-2.20	4SLE R	0.83	1SLU
271Max	-250	-1531.21	4SLE R	-103.05	4SLE R	-0.09	4SLE R	0.83	1SLU
271Max	2026	-2115.89	4SLE R	-103.05	4SLE R	-0.28	4SLE R	0.68	1SLU
271Min.	1025	-3913.96	1SLU	-164.47	1SLU	-2.99	1SLU	0.46	4SLE R
271Min.	-146	-4226.54	1SLU	-164.47	1SLU	-3.27	1SLU	0.56	4SLE R
271Min.	-250	-2425.51	1SLU	-164.47	1SLU	-0.14	1SLU	0.56	4SLE R
271Min.	2026	-3356.28	1SLU	-164.47	1SLU	-0.42	1SLU	0.46	4SLE R
271Max	-146	-2048.10	4SLE R	-103.04	4SLE R	-2.20	4SLE R	0.83	1SLU
271Max	-142	-2242.43	4SLE R	-103.04	4SLE R	-2.38	4SLE R	0.98	1SLU
271Max	-247	-945.74	4SLE R	-103.04	4SLE R	0.14	1SLU	0.98	1SLU
271Max	-250	-1530.40	4SLE R	-103.04	4SLE R	-0.09	4SLE R	0.83	1SLU
271Min.	-146	-2986.70	1SLU	-164.46	1SLU	-3.27	1SLU	0.56	4SLE R
271Min.	-142	-3299.23	1SLU	-164.46	1SLU	-3.55	1SLU	0.65	4SLE R
271Min.	-247	-1498.23	1SLU	-164.46	1SLU	0.09	4SLE R	0.65	4SLE R
271Min.	-250	-2428.97	1SLU	-164.46	1SLU	-0.14	1SLU	0.56	4SLE R
271Max	-142	-1462.63	4SLE R	-103.03	4SLE R	-2.38	4SLE R	0.98	1SLU
271Max	1009	-1656.91	4SLE R	-103.03	4SLE R	-2.57	4SLE R	1.12	1SLU
271Max	2009	-360.25	4SLE R	-103.03	4SLE R	0.42	1SLU	1.12	1SLU
271Max	-247	-944.89	4SLE R	-103.03	4SLE R	0.14	1SLU	0.98	1SLU
271Min.	-142	-2059.41	1SLU	-164.44	1SLU	-3.55	1SLU	0.65	4SLE R
271Min.	1009	-2371.88	1SLU	-164.44	1SLU	-3.83	1SLU	0.75	4SLE R
271Min.	2009	-570.93	1SLU	-164.44	1SLU	0.28	4SLE R	0.75	4SLE R
271Min.	-247	-1501.64	1SLU	-164.44	1SLU	0.09	4SLE R	0.65	4SLE R
272Max	1065	-1559.30	4SLE R	-210.36	4SLE R	-2.92	4SLE R	4.77	1SLU
272Max	1064	-2092.99	4SLE R	-210.36	4SLE R	-3.23	4SLE R	5.01	1SLU
272Max	2065	-107.12	4SLE R	-210.36	4SLE R	13.63	1SLU	5.01	1SLU
272Max	2066	-1163.77	4SLE R	-210.36	4SLE R	13.16	1SLU	4.77	1SLU
272Min.	1065	-2137.59	1SLU	-331.10	1SLU	-4.85	1SLU	2.94	4SLE R
272Min.	1064	-2968.40	1SLU	-331.10	1SLU	-5.32	1SLU	3.10	4SLE R
272Min.	2065	-168.93	1SLU	-331.10	1SLU	8.49	4SLE R	3.10	4SLE R
272Min.	2066	-1841.24	1SLU	-331.10	1SLU	8.17	4SLE R	2.94	4SLE R
273Max	-191	-1352.46	4SLE R	-603.97	4SLE R	2.27	1SLU	-0.68	4SLE R
273Max	1062	-2774.42	4SLE R	-603.97	4SLE R	2.10	1SLU	-0.62	4SLE R
273Max	2063	334.67	1SLU	-603.97	4SLE R	-0.92	4SLE R	-0.62	4SLE R
273Max	-284	-2933.81	4SLE R	-603.97	4SLE R	-1.03	4SLE R	-0.68	4SLE R
273Min.	-191	-1942.86	1SLU	-958.60	1SLU	1.53	4SLE R	-1.00	1SLU
273Min.	1062	-4200.98	1SLU	-958.60	1SLU	1.42	4SLE R	-0.91	1SLU
273Min.	2063	210.24	4SLE R	-958.60	1SLU	-1.36	1SLU	-0.91	1SLU



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273Min.	-284	-4654.19	1SLU	-958.60	1SLU	-1.53	1SLU	-1.00	1SLU
273Max	1052	-3935.60	4SLE R	-603.97	4SLE R	2.44	1SLU	-0.74	4SLE R
273Max	-191	-5357.56	4SLE R	-603.97	4SLE R	2.27	1SLU	-0.68	4SLE R
273Max	-284	-2372.89	4SLE R	-603.97	4SLE R	-1.03	4SLE R	-0.68	4SLE R
273Max	2053	-5516.94	4SLE R	-603.97	4SLE R	-1.14	4SLE R	-0.74	4SLE R
273Min.	1052	-6038.96	1SLU	-958.59	1SLU	1.64	4SLE R	-1.09	1SLU
273Min.	-191	-8297.08	1SLU	-958.59	1SLU	1.53	4SLE R	-1.00	1SLU
273Min.	-284	-3761.43	1SLU	-958.59	1SLU	-1.53	1SLU	-1.00	1SLU
273Min.	2053	-8750.29	1SLU	-958.59	1SLU	-1.69	1SLU	-1.09	1SLU
274Max	1063	-936.97	4SLE R	-23.90	4SLE R	-42.54	4SLE R	53.99	1SLU
274Max	1062	-1050.83	4SLE R	-23.90	4SLE R	-42.73	4SLE R	54.14	1SLU
274Max	2063	-24.94	4SLE R	-23.90	4SLE R	136.81	1SLU	54.14	1SLU
274Max	2064	-91.76	4SLE R	-23.90	4SLE R	136.51	1SLU	53.99	1SLU
274Min.	1063	-1228.78	1SLU	-35.35	1SLU	-67.56	1SLU	34.01	4SLE R
274Min.	1062	-1397.20	1SLU	-35.35	1SLU	-67.85	1SLU	34.11	4SLE R
274Min.	2063	-47.36	1SLU	-35.35	1SLU	86.22	4SLE R	34.11	4SLE R
274Min.	2064	-146.19	1SLU	-35.35	1SLU	86.02	4SLE R	34.01	4SLE R
274Max	1062	-1007.52	4SLE R	-23.91	4SLE R	-42.73	4SLE R	54.14	1SLU
274Max	1061	-1121.43	4SLE R	-23.91	4SLE R	-42.92	4SLE R	54.30	1SLU
274Max	2062	-95.50	4SLE R	-23.91	4SLE R	137.10	1SLU	54.30	1SLU
274Max	2063	-162.35	4SLE R	-23.91	4SLE R	136.81	1SLU	54.14	1SLU
274Min.	1062	-1333.14	1SLU	-35.36	1SLU	-67.85	1SLU	34.11	4SLE R
274Min.	1061	-1501.62	1SLU	-35.36	1SLU	-68.14	1SLU	34.21	4SLE R
274Min.	2062	-151.74	1SLU	-35.36	1SLU	86.41	4SLE R	34.21	4SLE R
274Min.	2063	-250.60	1SLU	-35.36	1SLU	86.22	4SLE R	34.11	4SLE R
275Max	-194	-1168.20	4SLE R	-81.59	4SLE R	-44.46	4SLE R	55.65	1SLU
275Max	-193	-1419.91	4SLE R	-81.59	4SLE R	-44.69	4SLE R	55.83	1SLU
275Max	-286	-80.29	4SLE R	-81.59	4SLE R	140.23	1SLU	55.83	1SLU
275Max	-287	-445.37	4SLE R	-81.59	4SLE R	139.87	1SLU	55.65	1SLU
275Min.	-194	-1566.61	1SLU	-124.88	1SLU	-70.48	1SLU	35.10	4SLE R
275Min.	-193	-1948.13	1SLU	-124.88	1SLU	-70.83	1SLU	35.23	4SLE R
275Min.	-286	-135.48	1SLU	-124.88	1SLU	88.46	4SLE R	35.23	4SLE R
275Min.	-287	-698.06	1SLU	-124.88	1SLU	88.22	4SLE R	35.10	4SLE R
275Max	-192	-805.77	3SLE R	-81.59	4SLE R	-44.93	4SLE R	56.02	1SLU
275Max	1058	-1076.45	3SLE R	-81.59	4SLE R	-45.16	4SLE R	56.21	1SLU
275Max	2059	407.63	1SLU	-81.59	4SLE R	140.94	1SLU	56.21	1SLU
275Max	-285	-105.32	4SLE R	-81.59	4SLE R	140.58	1SLU	56.02	1SLU
275Min.	-192	-1057.04	2SLU	-124.89	1SLU	-71.18	1SLU	35.35	4SLE R
275Min.	1058	-1410.17	2SLU	-124.89	1SLU	-71.54	1SLU	35.47	4SLE R
275Min.	2059	259.76	4SLE R	-124.89	1SLU	88.93	4SLE R	35.47	4SLE R
275Min.	-285	-154.95	1SLU	-124.89	1SLU	88.70	4SLE R	35.35	4SLE R
275Max	1060	-1118.55	4SLE R	-49.64	4SLE R	-32.72	4SLE R	41.08	1SLU
275Max	1059	-1274.96	4SLE R	-49.64	4SLE R	-32.85	4SLE R	41.19	1SLU
275Max	2060	-321.86	4SLE R	-49.64	4SLE R	103.60	1SLU	41.19	1SLU
275Max	2061	-540.75	4SLE R	-49.64	4SLE R	103.40	1SLU	41.08	1SLU
275Min.	1060	-1563.04	1SLU	-75.99	1SLU	-51.90	1SLU	25.91	4SLE R
275Min.	1059	-1800.37	1SLU	-75.99	1SLU	-52.09	1SLU	25.98	4SLE R
275Min.	2060	-518.06	1SLU	-75.99	1SLU	65.34	4SLE R	25.98	4SLE R
275Min.	2061	-855.18	1SLU	-75.99	1SLU	65.21	4SLE R	25.91	4SLE R
275Max	-193	-998.17	4SLE R	-81.59	4SLE R	-44.69	4SLE R	55.83	1SLU
275Max	-192	-1249.89	4SLE R	-81.59	4SLE R	-44.93	4SLE R	56.02	1SLU
275Max	-285	136.09	1SLU	-81.59	4SLE R	140.58	1SLU	56.02	1SLU
275Max	-286	-275.34	4SLE R	-81.59	4SLE R	140.23	1SLU	55.83	1SLU
275Min.	-193	-1295.04	1SLU	-124.88	1SLU	-70.83	1SLU	35.23	4SLE R
275Min.	-192	-1676.58	1SLU	-124.88	1SLU	-71.18	1SLU	35.35	4SLE R
275Min.	-285	89.74	4SLE R	-124.88	1SLU	88.70	4SLE R	35.35	4SLE R
275Min.	-286	-426.50	1SLU	-124.88	1SLU	88.46	4SLE R	35.23	4SLE R
275Max	1059	-1338.27	4SLE R	-81.58	4SLE R	-44.22	4SLE R	55.46	1SLU
275Max	-194	-1589.95	4SLE R	-81.58	4SLE R	-44.46	4SLE R	55.65	1SLU
275Max	-287	-250.34	4SLE R	-81.58	4SLE R	139.87	1SLU	55.65	1SLU
275Max	2060	-615.41	4SLE R	-81.58	4SLE R	139.52	1SLU	55.46	1SLU
275Min.	1059	-1838.23	1SLU	-124.88	1SLU	-70.12	1SLU	34.98	4SLE R
275Min.	-194	-2219.71	1SLU	-124.88	1SLU	-70.48	1SLU	35.10	4SLE R
275Min.	-287	-407.08	1SLU	-124.88	1SLU	88.22	4SLE R	35.10	4SLE R
275Min.	2060	-969.66	1SLU	-124.88	1SLU	87.99	4SLE R	34.98	4SLE R
276Max	-190	-1564.35	4SLE R	-561.92	4SLE R	4.59	1SLU	-1.86	4SLE R
276Max	1059	-2902.25	4SLE R	-561.92	4SLE R	4.43	1SLU	-1.80	4SLE R
276Max	2060	-76.53	4SLE R	-561.92	4SLE R	-3.91	4SLE R	-1.80	4SLE R
276Max	-283	-2986.75	4SLE R	-561.92	4SLE R	-4.02	4SLE R	-1.86	4SLE R
276Min.	-190	-2281.96	1SLU	-891.00	1SLU	3.03	4SLE R	-2.85	1SLU



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276Min.	1059	-4403.44	1SLU	-891.00	1SLU	2.91	4SLE R	-2.76	1SLU
276Min.	2060	-123.30	1SLU	-891.00	1SLU	-6.01	1SLU	-2.76	1SLU
276Min.	-283	-4737.78	1SLU	-891.00	1SLU	-6.18	1SLU	-2.85	1SLU
276Max	1051	-3922.84	4SLE R	-561.92	4SLE R	4.76	1SLU	-1.92	4SLE R
276Max	-190	-5260.74	4SLE R	-561.92	4SLE R	4.59	1SLU	-1.86	4SLE R
276Max	-283	-2435.02	4SLE R	-561.92	4SLE R	-4.02	4SLE R	-1.86	4SLE R
276Max	2052	-5345.24	4SLE R	-561.92	4SLE R	-4.13	4SLE R	-1.92	4SLE R
276Min.	1051	-6021.47	1SLU	-891.00	1SLU	3.14	4SLE R	-2.94	1SLU
276Min.	-190	-8142.94	1SLU	-891.00	1SLU	3.03	4SLE R	-2.85	1SLU
276Min.	-283	-3862.80	1SLU	-891.00	1SLU	-6.18	1SLU	-2.85	1SLU
276Min.	2052	-8477.29	1SLU	-891.00	1SLU	-6.35	1SLU	-2.94	1SLU
277Max	1057	-1840.47	4SLE R	287.79	1SLU	1.00	1SLU	-0.94	4SLE R
277Max	1056	-1540.79	4SLE R	287.79	1SLU	0.60	1SLU	-0.80	4SLE R
277Max	2057	-1113.71	4SLE R	287.79	1SLU	-2.72	4SLE R	-0.80	4SLE R
277Max	2058	-56.25	4SLE R	287.79	1SLU	-2.99	4SLE R	-0.94	4SLE R
277Min.	1057	-2614.86	1SLU	179.52	4SLE R	0.58	4SLE R	-1.54	1SLU
277Min.	1056	-2124.00	1SLU	179.52	4SLE R	0.31	4SLE R	-1.33	1SLU
277Min.	2057	-1774.51	1SLU	179.52	4SLE R	-4.41	1SLU	-1.33	1SLU
277Min.	2058	-89.66	1SLU	179.52	4SLE R	-4.82	1SLU	-1.54	1SLU
278Max	-145	-3644.63	4SLE R	237.30	1SLU	3.57	1SLU	-0.61	4SLE R
278Max	1024	-3325.47	4SLE R	237.30	1SLU	3.24	1SLU	-0.50	4SLE R
278Max	2025	-2913.16	4SLE R	237.30	1SLU	0.44	1SLU	-0.50	4SLE R
278Max	-249	-2100.79	4SLE R	237.30	1SLU	0.12	1SLU	-0.61	4SLE R
278Min.	-145	-5500.63	1SLU	149.67	4SLE R	2.40	4SLE R	-0.91	1SLU
278Min.	1024	-4994.78	1SLU	149.67	4SLE R	2.18	4SLE R	-0.74	1SLU
278Min.	2025	-4620.30	1SLU	149.67	4SLE R	0.30	4SLE R	-0.74	1SLU
278Min.	-249	-3332.12	1SLU	149.67	4SLE R	0.08	4SLE R	-0.91	1SLU
278Max	1010	-1655.62	4SLE R	142.09	1SLU	3.06	1SLU	-0.60	4SLE R
278Max	1011	-1451.60	4SLE R	142.09	1SLU	2.88	1SLU	-0.54	4SLE R
278Max	2011	-1067.42	4SLE R	142.09	1SLU	-0.10	4SLE R	-0.54	4SLE R
278Max	2010	-593.95	4SLE R	142.09	1SLU	-0.22	4SLE R	-0.60	4SLE R
278Min.	1010	-2418.90	1SLU	89.62	4SLE R	2.05	4SLE R	-0.89	1SLU
278Min.	1011	-2095.51	1SLU	89.62	4SLE R	1.93	4SLE R	-0.80	1SLU
278Min.	2011	-1692.79	1SLU	89.62	4SLE R	-0.15	1SLU	-0.80	1SLU
278Min.	2010	-942.01	1SLU	89.62	4SLE R	-0.33	1SLU	-0.89	1SLU
278Max	1011	-2904.82	4SLE R	237.30	1SLU	3.90	1SLU	-0.73	4SLE R
278Max	-145	-2585.67	4SLE R	237.30	1SLU	3.57	1SLU	-0.61	4SLE R
278Max	-249	-2173.36	4SLE R	237.30	1SLU	0.12	1SLU	-0.61	4SLE R
278Max	2011	-1360.99	4SLE R	237.30	1SLU	-0.14	4SLE R	-0.73	4SLE R
278Min.	1011	-4327.17	1SLU	149.67	4SLE R	2.61	4SLE R	-1.08	1SLU
278Min.	-145	-3821.34	1SLU	149.67	4SLE R	2.40	4SLE R	-0.91	1SLU
278Min.	-249	-3446.84	1SLU	149.67	4SLE R	0.08	4SLE R	-0.91	1SLU
278Min.	2011	-2158.67	1SLU	149.67	4SLE R	-0.20	1SLU	-1.08	1SLU
279Max	-166	-6112.40	4SLE R	360.11	1SLU	3.46	1SLU	-0.57	4SLE R
279Max	1038	-5661.27	4SLE R	360.11	1SLU	2.98	1SLU	-0.40	4SLE R
279Max	2039	-5329.07	4SLE R	360.11	1SLU	0.72	1SLU	-0.40	4SLE R
279Max	-264	-4063.20	4SLE R	360.11	1SLU	0.24	1SLU	-0.57	4SLE R
279Min.	-166	-9353.75	1SLU	227.12	4SLE R	2.33	4SLE R	-0.85	1SLU
279Min.	1038	-8638.67	1SLU	227.12	4SLE R	2.01	4SLE R	-0.60	1SLU
279Min.	2039	-8451.97	1SLU	227.12	4SLE R	0.48	4SLE R	-0.60	1SLU
279Min.	-264	-6444.63	1SLU	227.12	4SLE R	0.16	4SLE R	-0.85	1SLU
279Max	-162	-4890.37	4SLE R	360.12	1SLU	3.94	1SLU	-0.74	4SLE R
279Max	-166	-4439.18	4SLE R	360.12	1SLU	3.46	1SLU	-0.57	4SLE R
279Max	-264	-4107.00	4SLE R	360.12	1SLU	0.24	1SLU	-0.57	4SLE R
279Max	-260	-2841.15	4SLE R	360.12	1SLU	-0.16	4SLE R	-0.74	4SLE R
279Min.	-162	-7415.46	1SLU	227.12	4SLE R	2.65	4SLE R	-1.11	1SLU
279Min.	-166	-6700.29	1SLU	227.12	4SLE R	2.33	4SLE R	-0.85	1SLU
279Min.	-264	-6513.62	1SLU	227.12	4SLE R	0.16	4SLE R	-0.85	1SLU
279Min.	-260	-4506.31	1SLU	227.12	4SLE R	-0.24	1SLU	-1.11	1SLU
279Max	1026	-3668.51	4SLE R	360.13	1SLU	4.43	1SLU	-0.91	4SLE R
279Max	-162	-3217.26	4SLE R	360.13	1SLU	3.94	1SLU	-0.74	4SLE R
279Max	-260	-2885.11	4SLE R	360.13	1SLU	-0.16	4SLE R	-0.74	4SLE R
279Max	2027	-1619.26	4SLE R	360.13	1SLU	-0.48	4SLE R	-0.91	4SLE R
279Min.	1026	-5477.41	1SLU	227.13	4SLE R	2.97	4SLE R	-1.36	1SLU
279Min.	-162	-4762.16	1SLU	227.13	4SLE R	2.65	4SLE R	-1.11	1SLU
279Min.	-260	-4575.53	1SLU	227.13	4SLE R	-0.24	1SLU	-1.11	1SLU
279Min.	2027	-2568.22	1SLU	227.13	4SLE R	-0.72	1SLU	-1.36	1SLU
280Max	1012	-3203.89	4SLE R	827.33	1SLU	3.61	1SLU	-0.69	4SLE R
280Max	-143	-2003.18	4SLE R	827.33	1SLU	3.34	1SLU	-0.60	4SLE R
280Max	2018	-3083.94	4SLE R	827.33	1SLU	-0.01	4SLE R	-0.60	4SLE R



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280Max	2012	-337.08	4SLE R	827.33	1SLU	-0.19	4SLE R	-0.69	4SLE R
280Min.	1012	-4822.76	1SLU	522.17	4SLE R	2.42	4SLE R	-1.03	1SLU
280Min.	-143	-2922.34	1SLU	522.17	4SLE R	2.24	4SLE R	-0.89	1SLU
280Min.	2018	-4888.72	1SLU	522.17	4SLE R	-0.01	1SLU	-0.89	1SLU
280Min.	2012	-534.52	1SLU	522.17	4SLE R	-0.28	1SLU	-1.03	1SLU
280Max	-143	-6194.45	4SLE R	960.38	1SLU	3.66	1SLU	-0.65	4SLE R
280Max	1023	-4830.58	4SLE R	960.38	1SLU	3.33	1SLU	-0.54	4SLE R
280Max	2024	-6143.72	4SLE R	960.38	1SLU	0.31	1SLU	-0.54	4SLE R
280Max	2018	-2925.17	4SLE R	960.38	1SLU	-0.01	4SLE R	-0.65	4SLE R
280Min.	-143	-9543.77	1SLU	606.14	4SLE R	2.46	4SLE R	-0.97	1SLU
280Min.	1023	-7385.24	1SLU	606.14	4SLE R	2.24	4SLE R	-0.80	1SLU
280Min.	2024	-9743.98	1SLU	606.14	4SLE R	0.21	4SLE R	-0.80	1SLU
280Min.	2018	-4642.03	1SLU	606.14	4SLE R	-0.01	1SLU	-0.97	1SLU
281Max	1034	-4965.32	4SLE R	46.16	1SLU	3.84	1SLU	-0.73	4SLE R
281Max	-169	-4885.18	4SLE R	46.16	1SLU	3.55	1SLU	-0.63	4SLE R
281Max	-268	-4154.73	4SLE R	46.16	1SLU	0.00	1SLU	-0.63	4SLE R
281Max	2035	-4011.79	4SLE R	46.16	1SLU	-0.19	4SLE R	-0.73	4SLE R
281Min.	1034	-7631.87	1SLU	29.51	4SLE R	2.58	4SLE R	-1.09	1SLU
281Min.	-169	-7507.78	1SLU	29.51	4SLE R	2.39	4SLE R	-0.94	1SLU
281Min.	-268	-6587.68	1SLU	29.51	4SLE R	0.00	4SLE R	-0.94	1SLU
281Min.	2035	-6362.78	1SLU	29.51	4SLE R	-0.29	1SLU	-1.09	1SLU
281Max	-169	-5059.52	4SLE R	46.16	1SLU	3.55	1SLU	-0.63	4SLE R
281Max	1039	-4979.40	4SLE R	46.16	1SLU	3.26	1SLU	-0.53	4SLE R
281Max	2040	-4248.94	4SLE R	46.16	1SLU	0.29	1SLU	-0.53	4SLE R
281Max	-268	-4106.00	4SLE R	46.16	1SLU	0.00	1SLU	-0.63	4SLE R
281Min.	-169	-7783.08	1SLU	29.50	4SLE R	2.39	4SLE R	-0.94	1SLU
281Min.	1039	-7659.02	1SLU	29.50	4SLE R	2.19	4SLE R	-0.79	1SLU
281Min.	2040	-6738.90	1SLU	29.50	4SLE R	0.19	4SLE R	-0.79	1SLU
281Min.	-268	-6514.01	1SLU	29.50	4SLE R	0.00	4SLE R	-0.94	1SLU
282Max	1013	-911.73	4SLE R	7.29	1SLU	4.17	1SLU	-0.99	4SLE R
282Max	1018	-873.17	3SLE R	7.29	1SLU	1.39	1SLU	0.00	1SLU
282Max	2019	0.00	4SLE R	7.29	1SLU	1.39	1SLU	0.00	1SLU
282Max	2013	0.00	4SLE R	7.29	1SLU	-0.93	4SLE R	-0.99	4SLE R
282Min.	1013	-1188.49	1SLU	4.95	4SLE R	2.80	4SLE R	-1.47	1SLU
282Min.	1018	-1135.11	2SLU	4.95	4SLE R	0.93	4SLE R	0.00	4SLE R
282Min.	2019	0.00	1SLU	4.95	4SLE R	0.93	4SLE R	0.00	4SLE R
282Min.	2013	0.00	1SLU	4.95	4SLE R	-1.39	1SLU	-1.47	1SLU
283Max	1015	-4590.81	4SLE R	-473.57	4SLE R	-0.78	4SLE R	0.20	1SLU
283Max	-137	-5540.70	4SLE R	-473.57	4SLE R	-0.97	4SLE R	0.35	1SLU
283Max	-244	-2815.04	4SLE R	-473.57	4SLE R	-0.07	4SLE R	0.35	1SLU
283Max	2015	-5445.37	4SLE R	-473.57	4SLE R	-0.26	4SLE R	0.20	1SLU
283Min.	1015	-6996.11	1SLU	-757.11	1SLU	-1.15	1SLU	0.14	4SLE R
283Min.	-137	-8527.33	1SLU	-757.11	1SLU	-1.44	1SLU	0.24	4SLE R
283Min.	-244	-4449.25	1SLU	-757.11	1SLU	-0.11	1SLU	0.24	4SLE R
283Min.	2015	-8641.77	1SLU	-757.11	1SLU	-0.40	1SLU	0.14	4SLE R
283Max	-138	987.93	1SLU	-473.55	4SLE R	-1.16	4SLE R	0.51	1SLU
283Max	1016	-456.85	3SLE R	-473.55	4SLE R	-1.35	4SLE R	0.66	1SLU
283Max	2016	3534.82	1SLU	-473.55	4SLE R	0.48	1SLU	0.66	1SLU
283Max	-245	-403.84	4SLE R	-473.55	4SLE R	0.19	1SLU	0.51	1SLU
283Min.	-138	450.61	4SLE R	-757.07	1SLU	-1.73	1SLU	0.34	4SLE R
283Min.	1016	-606.58	2SLU	-757.07	1SLU	-2.02	1SLU	0.44	4SLE R
283Min.	2016	2226.40	4SLE R	-757.07	1SLU	0.32	4SLE R	0.44	4SLE R
283Min.	-245	-657.59	1SLU	-757.07	1SLU	0.12	4SLE R	0.34	4SLE R
283Max	1014	-1770.64	4SLE R	-42.16	4SLE R	-0.20	4SLE R	0.04	1SLU
283Max	1015	-1867.49	4SLE R	-42.16	4SLE R	-0.21	4SLE R	0.05	1SLU
283Max	2015	-1452.99	4SLE R	-42.16	4SLE R	-0.07	4SLE R	0.05	1SLU
283Max	2014	-1674.83	4SLE R	-42.16	4SLE R	-0.09	4SLE R	0.04	1SLU
283Min.	1014	-2731.80	1SLU	-67.39	1SLU	-0.29	1SLU	0.03	4SLE R
283Min.	1015	-2887.58	1SLU	-67.39	1SLU	-0.31	1SLU	0.04	4SLE R
283Min.	2015	-2301.13	1SLU	-67.39	1SLU	-0.11	1SLU	0.04	4SLE R
283Min.	2014	-2654.85	1SLU	-67.39	1SLU	-0.13	1SLU	0.03	4SLE R
283Max	-137	-2070.11	4SLE R	-473.56	4SLE R	-0.97	4SLE R	0.35	1SLU
283Max	-138	-3019.92	4SLE R	-473.56	4SLE R	-1.16	4SLE R	0.51	1SLU
283Max	-245	-294.33	4SLE R	-473.56	4SLE R	0.19	1SLU	0.51	1SLU
283Max	-244	-2924.60	4SLE R	-473.56	4SLE R	-0.07	4SLE R	0.35	1SLU
283Min.	-137	-3004.10	1SLU	-757.08	1SLU	-1.44	1SLU	0.24	4SLE R
283Min.	-138	-4535.21	1SLU	-757.08	1SLU	-1.73	1SLU	0.34	4SLE R
283Min.	-245	-457.22	1SLU	-757.08	1SLU	0.12	4SLE R	0.34	4SLE R
283Min.	-244	-4649.66	1SLU	-757.08	1SLU	-0.11	1SLU	0.24	4SLE R
284Max	-186	-3027.84	4SLE R	-91.36	4SLE R	14.45	1SLU	-6.38	4SLE R



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284Max	-189	-3157.73	4SLE R	-91.36	4SLE R	14.00	1SLU	-6.22	4SLE R
284Max	-282	-1672.72	4SLE R	-91.36	4SLE R	-14.56	4SLE R	-6.22	4SLE R
284Max	-279	-2233.51	4SLE R	-91.36	4SLE R	-14.85	4SLE R	-6.38	4SLE R
284Min.	-186	-4472.27	1SLU	-148.25	1SLU	9.27	4SLE R	-10.02	1SLU
284Min.	-189	-4691.71	1SLU	-148.25	1SLU	8.97	4SLE R	-9.79	1SLU
284Min.	-282	-2649.73	1SLU	-148.25	1SLU	-22.99	1SLU	-9.79	1SLU
284Min.	-279	-3551.10	1SLU	-148.25	1SLU	-23.43	1SLU	-10.02	1SLU
284Max	1035	-4966.78	4SLE R	-91.39	4SLE R	15.79	1SLU	-6.85	4SLE R
284Max	-173	-5096.74	4SLE R	-91.39	4SLE R	15.34	1SLU	-6.69	4SLE R
284Max	-272	-3611.63	4SLE R	-91.39	4SLE R	-15.44	4SLE R	-6.69	4SLE R
284Max	2036	-4172.55	4SLE R	-91.39	4SLE R	-15.73	4SLE R	-6.85	4SLE R
284Min.	1035	-7540.91	1SLU	-148.29	1SLU	10.16	4SLE R	-10.73	1SLU
284Min.	-173	-7760.44	1SLU	-148.29	1SLU	9.86	4SLE R	-10.49	1SLU
284Min.	-272	-5718.32	1SLU	-148.29	1SLU	-24.31	1SLU	-10.49	1SLU
284Min.	2036	-6619.89	1SLU	-148.29	1SLU	-24.75	1SLU	-10.73	1SLU
284Max	-178	-3674.06	4SLE R	-91.37	4SLE R	14.90	1SLU	-6.54	4SLE R
284Max	-186	-3804.02	4SLE R	-91.37	4SLE R	14.45	1SLU	-6.38	4SLE R
284Max	-279	-2318.95	4SLE R	-91.37	4SLE R	-14.85	4SLE R	-6.38	4SLE R
284Max	-274	-2879.79	4SLE R	-91.37	4SLE R	-15.14	4SLE R	-6.54	4SLE R
284Min.	-178	-5495.02	1SLU	-148.28	1SLU	9.57	4SLE R	-10.26	1SLU
284Min.	-186	-5714.53	1SLU	-148.28	1SLU	9.27	4SLE R	-10.02	1SLU
284Min.	-279	-3672.48	1SLU	-148.28	1SLU	-23.43	1SLU	-10.02	1SLU
284Min.	-274	-4573.93	1SLU	-148.28	1SLU	-23.87	1SLU	-10.26	1SLU
284Max	-173	-4320.36	4SLE R	-91.38	4SLE R	15.34	1SLU	-6.69	4SLE R
284Max	-178	-4450.33	4SLE R	-91.38	4SLE R	14.90	1SLU	-6.54	4SLE R
284Max	-274	-2965.23	4SLE R	-91.38	4SLE R	-15.14	4SLE R	-6.54	4SLE R
284Max	-272	-3526.12	4SLE R	-91.38	4SLE R	-15.44	4SLE R	-6.69	4SLE R
284Min.	-173	-6517.87	1SLU	-148.29	1SLU	9.86	4SLE R	-10.49	1SLU
284Min.	-178	-6737.41	1SLU	-148.29	1SLU	9.57	4SLE R	-10.26	1SLU
284Min.	-274	-4695.31	1SLU	-148.29	1SLU	-23.87	1SLU	-10.26	1SLU
284Min.	-272	-5596.83	1SLU	-148.29	1SLU	-24.31	1SLU	-10.49	1SLU
284Max	-189	-2381.60	4SLE R	-91.34	4SLE R	14.00	1SLU	-6.22	4SLE R
284Max	1065	-2511.39	4SLE R	-91.34	4SLE R	13.56	1SLU	-6.07	4SLE R
284Max	2066	-1026.45	4SLE R	-91.34	4SLE R	-14.26	4SLE R	-6.07	4SLE R
284Max	-282	-1587.20	4SLE R	-91.34	4SLE R	-14.56	4SLE R	-6.22	4SLE R
284Min.	-189	-3449.52	1SLU	-148.23	1SLU	8.97	4SLE R	-9.79	1SLU
284Min.	1065	-3668.81	1SLU	-148.23	1SLU	8.68	4SLE R	-9.55	1SLU
284Min.	2066	-1626.94	1SLU	-148.23	1SLU	-22.55	1SLU	-9.55	1SLU
284Min.	-282	-2528.24	1SLU	-148.23	1SLU	-22.99	1SLU	-9.79	1SLU
285Max	1027	-3704.69	4SLE R	-50.22	4SLE R	-32.31	3SLE R	35.10	2SLU
285Max	-148	-3884.87	4SLE R	-50.22	4SLE R	-32.52	3SLE R	35.25	2SLU
285Max	-251	-2773.66	4SLE R	-50.22	4SLE R	86.79	2SLU	35.25	2SLU
285Max	2028	-2973.16	4SLE R	-50.22	4SLE R	86.52	2SLU	35.10	2SLU
285Min.	1027	-5200.28	1SLU	-75.51	1SLU	-46.17	2SLU	24.48	3SLE R
285Min.	-148	-5470.63	1SLU	-75.51	1SLU	-46.44	2SLU	24.59	3SLE R
285Min.	-251	-3987.41	1SLU	-75.51	1SLU	60.44	3SLE R	24.59	3SLE R
285Min.	2028	-4287.92	1SLU	-75.51	1SLU	60.24	3SLE R	24.48	3SLE R
285Max	-148	-3675.72	4SLE R	-50.25	4SLE R	-32.52	3SLE R	35.25	2SLU
285Max	-144	-3856.02	4SLE R	-50.25	4SLE R	-32.73	3SLE R	35.39	2SLU
285Max	-248	-2744.71	4SLE R	-50.25	4SLE R	87.05	2SLU	35.39	2SLU
285Max	-251	-2944.28	4SLE R	-50.25	4SLE R	86.79	2SLU	35.25	2SLU
285Min.	-148	-5155.03	1SLU	-75.54	1SLU	-46.44	2SLU	24.59	3SLE R
285Min.	-144	-5425.54	1SLU	-75.54	1SLU	-46.71	2SLU	24.70	3SLE R
285Min.	-248	-3942.20	1SLU	-75.54	1SLU	60.65	3SLE R	24.70	3SLE R
285Min.	-251	-4242.80	1SLU	-75.54	1SLU	60.44	3SLE R	24.59	3SLE R
285Max	1017	-4489.32	4SLE R	-71.29	4SLE R	-41.01	3SLE R	44.26	2SLU
285Max	1001	-4743.86	4SLE R	-71.29	4SLE R	-41.33	3SLE R	44.47	2SLU
285Max	2001	-3326.21	4SLE R	-71.29	4SLE R	109.19	2SLU	44.47	2SLU
285Max	2017	-3610.62	4SLE R	-71.29	4SLE R	108.78	2SLU	44.26	2SLU
285Min.	1017	-6282.42	1SLU	-107.17	1SLU	-58.51	2SLU	30.91	3SLE R
285Min.	1001	-6664.18	1SLU	-107.17	1SLU	-58.92	2SLU	31.07	3SLE R
285Min.	2001	-4766.45	1SLU	-107.17	1SLU	76.12	3SLE R	31.07	3SLE R
285Min.	2017	-5194.89	1SLU	-107.17	1SLU	75.81	3SLE R	30.91	3SLE R
285Max	-144	-3646.85	4SLE R	-50.26	4SLE R	-32.73	3SLE R	35.39	2SLU
285Max	1017	-3827.23	4SLE R	-50.26	4SLE R	-32.93	3SLE R	35.53	2SLU
285Max	2017	-2715.86	4SLE R	-50.26	4SLE R	87.32	2SLU	35.53	2SLU
285Max	-248	-2915.46	4SLE R	-50.26	4SLE R	87.05	2SLU	35.39	2SLU
285Min.	-144	-5109.92	1SLU	-75.56	1SLU	-46.71	2SLU	24.70	3SLE R
285Min.	1017	-5380.52	1SLU	-75.56	1SLU	-46.98	2SLU	24.81	3SLE R
285Min.	2017	-3897.11	1SLU	-75.56	1SLU	60.85	3SLE R	24.81	3SLE R



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285Min.	-248	-4197.76	1SLU	-75.56	1SLU	60.65	3SLE R	24.70	3SLE R
286Max	-344	-183.59	4SLE R	-0.13	4SLE R	-1.44	3SLE R	1.58	2SLU
286Max	1043	-184.05	4SLE R	-0.13	4SLE R	-1.44	3SLE R	1.58	2SLU
286Max	2044	-141.04	4SLE R	-0.13	4SLE R	3.93	2SLU	1.58	2SLU
286Max	-345	-141.55	4SLE R	-0.13	4SLE R	3.92	2SLU	1.58	2SLU
286Min.	-344	-259.43	1SLU	-0.19	1SLU	-2.06	2SLU	1.10	3SLE R
286Min.	1043	-260.13	1SLU	-0.19	1SLU	-2.06	2SLU	1.10	3SLE R
286Min.	2044	-204.11	1SLU	-0.19	1SLU	2.73	3SLE R	1.10	3SLE R
286Min.	-345	-204.88	1SLU	-0.19	1SLU	2.73	3SLE R	1.10	3SLE R
286Max	1054	-3634.94	4SLE R	-43.70	4SLE R	-28.35	3SLE R	31.39	2SLU
286Max	-188	-3791.79	4SLE R	-43.70	4SLE R	-28.53	3SLE R	31.51	2SLU
286Max	-281	-2776.12	4SLE R	-43.70	4SLE R	78.19	2SLU	31.51	2SLU
286Max	2055	-2949.62	4SLE R	-43.70	4SLE R	77.96	2SLU	31.39	2SLU
286Min.	1054	-5135.39	1SLU	-65.72	1SLU	-40.69	2SLU	21.82	3SLE R
286Min.	-188	-5370.85	1SLU	-65.72	1SLU	-40.92	2SLU	21.92	3SLE R
286Min.	-281	-4016.77	1SLU	-65.72	1SLU	54.32	3SLE R	21.92	3SLE R
286Min.	2055	-4278.17	1SLU	-65.72	1SLU	54.14	3SLE R	21.82	3SLE R
286Max	-188	-3432.62	4SLE R	-40.02	4SLE R	-27.10	3SLE R	29.94	2SLU
286Max	-344	-3576.38	4SLE R	-40.02	4SLE R	-27.27	3SLE R	30.05	2SLU
286Max	-345	-2617.12	4SLE R	-40.02	4SLE R	74.49	2SLU	30.05	2SLU
286Max	-281	-2775.94	4SLE R	-40.02	4SLE R	74.28	2SLU	29.94	2SLU
286Min.	-188	-4846.43	1SLU	-60.20	1SLU	-38.88	2SLU	20.82	3SLE R
286Min.	-344	-5062.25	1SLU	-60.20	1SLU	-39.09	2SLU	20.91	3SLE R
286Min.	-345	-3784.33	1SLU	-60.20	1SLU	51.76	3SLE R	20.91	3SLE R
286Min.	-281	-4023.61	1SLU	-60.20	1SLU	51.61	3SLE R	20.82	3SLE R
286Max	-165	-4758.49	4SLE R	-73.14	4SLE R	-40.44	3SLE R	44.15	2SLU
286Max	1029	-5019.31	4SLE R	-73.14	4SLE R	-40.77	3SLE R	44.38	2SLU
286Max	2030	-3573.40	4SLE R	-73.14	4SLE R	109.49	2SLU	44.38	2SLU
286Max	-263	-3865.53	4SLE R	-73.14	4SLE R	109.06	2SLU	44.15	2SLU
286Min.	-165	-6689.36	1SLU	-109.97	1SLU	-57.84	2SLU	30.77	3SLE R
286Min.	1029	-7080.65	1SLU	-109.97	1SLU	-58.28	2SLU	30.95	3SLE R
286Min.	2030	-5144.68	1SLU	-109.97	1SLU	76.21	3SLE R	30.95	3SLE R
286Min.	-263	-5584.79	1SLU	-109.97	1SLU	75.88	3SLE R	30.77	3SLE R
286Max	-170	-4805.61	4SLE R	-73.09	4SLE R	-40.10	3SLE R	43.93	2SLU
286Max	-165	-5066.21	4SLE R	-73.09	4SLE R	-40.44	3SLE R	44.15	2SLU
286Max	-263	-3620.48	4SLE R	-73.09	4SLE R	109.06	2SLU	44.15	2SLU
286Max	-269	-3912.47	4SLE R	-73.09	4SLE R	108.63	2SLU	43.93	2SLU
286Min.	-170	-6762.82	1SLU	-109.91	1SLU	-57.41	2SLU	30.60	3SLE R
286Min.	-165	-7153.80	1SLU	-109.91	1SLU	-57.84	2SLU	30.77	3SLE R
286Min.	-263	-5218.08	1SLU	-109.91	1SLU	75.88	3SLE R	30.77	3SLE R
286Min.	-269	-5658.00	1SLU	-109.91	1SLU	75.55	3SLE R	30.60	3SLE R
286Max	1043	-4900.34	4SLE R	-73.01	4SLE R	-39.44	3SLE R	43.47	2SLU
286Max	-174	-5160.55	4SLE R	-73.01	4SLE R	-39.77	3SLE R	43.70	2SLU
286Max	-273	-3715.12	4SLE R	-73.01	4SLE R	108.20	2SLU	43.70	2SLU
286Max	2044	-4006.90	4SLE R	-73.01	4SLE R	107.77	2SLU	43.47	2SLU
286Min.	1043	-6910.35	1SLU	-109.80	1SLU	-56.54	2SLU	30.25	3SLE R
286Min.	-174	-7300.83	1SLU	-109.80	1SLU	-56.98	2SLU	30.42	3SLE R
286Min.	-273	-5365.51	1SLU	-109.80	1SLU	75.22	3SLE R	30.42	3SLE R
286Min.	2044	-5805.14	1SLU	-109.80	1SLU	74.90	3SLE R	30.25	3SLE R
286Max	-174	-4852.90	4SLE R	-73.05	4SLE R	-39.77	3SLE R	43.70	2SLU
286Max	-170	-5113.29	4SLE R	-73.05	4SLE R	-40.10	3SLE R	43.93	2SLU
286Max	-269	-3667.72	4SLE R	-73.05	4SLE R	108.63	2SLU	43.93	2SLU
286Max	-273	-3959.60	4SLE R	-73.05	4SLE R	108.20	2SLU	43.70	2SLU
286Min.	-174	-6836.49	1SLU	-109.85	1SLU	-56.98	2SLU	30.42	3SLE R
286Min.	-170	-7227.20	1SLU	-109.85	1SLU	-57.41	2SLU	30.60	3SLE R
286Min.	-269	-5291.69	1SLU	-109.85	1SLU	75.55	3SLE R	30.60	3SLE R
286Min.	-273	-5731.46	1SLU	-109.85	1SLU	75.22	3SLE R	30.42	3SLE R
287Max	1002	-7697.82	4SLE R	138.26	1SLU	-3.56	4SLE R	1.89	1SLU
287Max	1003	-7333.23	4SLE R	138.26	1SLU	-3.93	4SLE R	2.18	1SLU
287Max	2003	-6511.11	4SLE R	138.26	1SLU	2.40	1SLU	2.18	1SLU
287Max	2002	-6172.56	4SLE R	138.26	1SLU	1.85	1SLU	1.89	1SLU
287Min.	1002	-10763.30	1SLU	93.01	4SLE R	-5.31	1SLU	1.28	4SLE R
287Min.	1003	-10220.80	1SLU	93.01	4SLE R	-5.86	1SLU	1.47	4SLE R
287Min.	2003	-9217.65	1SLU	93.01	4SLE R	1.64	4SLE R	1.47	4SLE R
287Min.	2002	-8714.89	1SLU	93.01	4SLE R	1.27	4SLE R	1.28	4SLE R
288Max	1006	-7851.43	4SLE R	148.24	1SLU	-5.46	4SLE R	3.36	1SLU
288Max	1007	-7460.50	4SLE R	148.24	1SLU	-5.85	4SLE R	3.68	1SLU
288Max	2007	-6612.64	4SLE R	148.24	1SLU	5.16	1SLU	3.68	1SLU
288Max	2006	-6249.85	4SLE R	148.24	1SLU	4.56	1SLU	3.36	1SLU
288Min.	1006	-10955.00	1SLU	99.70	4SLE R	-8.16	1SLU	2.26	4SLE R



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288Min.	1007	-10373.20	1SLU	99.70	4SLE R	-8.75	1SLU	2.47	4SLE R
288Min.	2007	-9341.38	1SLU	99.70	4SLE R	3.47	4SLE R	2.47	4SLE R
288Min.	2006	-8802.52	1SLU	99.70	4SLE R	3.07	4SLE R	2.26	4SLE R
289Max	1004	-7944.53	4SLE R	147.97	1SLU	-4.58	4SLE R	2.66	1SLU
289Max	1005	-7554.15	4SLE R	147.97	1SLU	-4.98	4SLE R	2.98	1SLU
289Max	2005	-6705.68	4SLE R	147.97	1SLU	3.83	1SLU	2.98	1SLU
289Max	2004	-6343.56	4SLE R	147.97	1SLU	3.23	1SLU	2.66	1SLU
289Min.	1004	-11096.90	1SLU	99.54	4SLE R	-6.83	1SLU	1.79	4SLE R
289Min.	1005	-10516.10	1SLU	99.54	4SLE R	-7.43	1SLU	2.00	4SLE R
289Min.	2005	-9483.27	1SLU	99.54	4SLE R	2.59	4SLE R	2.00	4SLE R
289Min.	2004	-8945.50	1SLU	99.54	4SLE R	2.19	4SLE R	1.79	4SLE R
290Max	-141	-3126.23	4SLE R	23.87	1SLU	8.36	1SLU	-2.93	4SLE R
290Max	1019	-2923.84	4SLE R	23.87	1SLU	7.86	1SLU	-2.75	4SLE R
290Max	2020	-1747.80	4SLE R	23.87	1SLU	-4.94	3SLE R	-2.75	4SLE R
290Max	-246	-1878.34	4SLE R	23.87	1SLU	-5.28	4SLE R	-2.93	4SLE R
290Min.	-141	-4227.94	1SLU	9.50	4SLE R	5.78	4SLE R	-4.16	1SLU
290Min.	1019	-3904.39	1SLU	9.50	4SLE R	5.45	4SLE R	-3.89	1SLU
290Min.	2020	-2419.07	1SLU	9.50	4SLE R	-6.87	2SLU	-3.89	1SLU
290Min.	-246	-2562.16	1SLU	9.50	4SLE R	-7.35	1SLU	-4.16	1SLU
290Max	1008	-3625.75	4SLE R	23.90	1SLU	8.86	1SLU	-3.10	4SLE R
290Max	-141	-3423.24	4SLE R	23.90	1SLU	8.36	1SLU	-2.93	4SLE R
290Max	-246	-2247.28	4SLE R	23.90	1SLU	-5.28	4SLE R	-2.93	4SLE R
290Max	2008	-2377.78	4SLE R	23.90	1SLU	-5.61	4SLE R	-3.10	4SLE R
290Min.	1008	-4928.03	1SLU	9.52	4SLE R	6.11	4SLE R	-4.42	1SLU
290Min.	-141	-4604.34	1SLU	9.52	4SLE R	5.78	4SLE R	-4.16	1SLU
290Min.	-246	-3119.11	1SLU	9.52	4SLE R	-7.35	1SLU	-4.16	1SLU
290Min.	2008	-3262.15	1SLU	9.52	4SLE R	-7.85	1SLU	-4.42	1SLU
291Max	1019	-947.96	4SLE R	19.01	1SLU	-0.80	4SLE R	0.25	1SLU
291Max	1020	-894.62	4SLE R	19.01	1SLU	-0.84	4SLE R	0.28	1SLU
291Max	2021	-541.43	4SLE R	19.01	1SLU	-0.21	3SLE R	0.28	1SLU
291Max	2020	-493.19	4SLE R	19.01	1SLU	-0.25	3SLE R	0.25	1SLU
291Min.	1019	-1269.59	1SLU	13.44	4SLE R	-1.33	1SLU	0.10	4SLE R
291Min.	1020	-1192.63	1SLU	13.44	4SLE R	-1.38	1SLU	0.12	4SLE R
291Min.	2021	-739.32	1SLU	13.44	4SLE R	-0.57	2SLU	0.12	4SLE R
291Min.	2020	-672.53	1SLU	13.44	4SLE R	-0.63	2SLU	0.10	4SLE R
292Max	1021	-2218.27	4SLE R	-4.19	3SLE R	-3.67	4SLE R	2.94	1SLU
292Max	1022	-2174.15	4SLE R	-4.19	3SLE R	-3.78	4SLE R	3.03	1SLU
292Max	2023	-1424.48	4SLE R	-4.19	3SLE R	5.85	1SLU	3.03	1SLU
292Max	2022	-1530.59	4SLE R	-4.19	3SLE R	5.67	1SLU	2.94	1SLU
292Min.	1021	-3068.76	1SLU	-12.49	2SLU	-5.44	1SLU	2.00	4SLE R
292Min.	1022	-2989.54	1SLU	-12.49	2SLU	-5.61	1SLU	2.06	4SLE R
292Min.	2023	-2030.79	1SLU	-12.49	2SLU	3.99	4SLE R	2.06	4SLE R
292Min.	2022	-2158.96	1SLU	-12.49	2SLU	3.88	4SLE R	2.00	4SLE R
293Max	-150	-3523.77	4SLE R	155.89	1SLU	1.81	1SLU	1.01	2SLU
293Max	-160	-3137.94	4SLE R	155.89	1SLU	1.38	1SLU	1.22	2SLU
293Max	-259	-2411.04	4SLE R	155.89	1SLU	5.40	2SLU	1.22	2SLU
293Max	-252	-1996.84	4SLE R	155.89	1SLU	5.00	2SLU	1.01	2SLU
293Min.	-150	-4864.38	1SLU	105.82	4SLE R	0.90	4SLE R	0.42	3SLE R
293Min.	-160	-4291.08	1SLU	105.82	4SLE R	0.62	4SLE R	0.58	3SLE R
293Min.	-259	-3415.36	1SLU	105.82	4SLE R	3.22	3SLE R	0.58	3SLE R
293Min.	-252	-2810.12	1SLU	105.82	4SLE R	2.92	3SLE R	0.42	3SLE R
293Max	-168	-2818.89	4SLE R	110.75	1SLU	0.54	1SLU	1.21	2SLU
293Max	1037	-2543.70	4SLE R	110.75	1SLU	0.27	1SLU	1.34	2SLU
293Max	2038	-1949.02	4SLE R	110.75	1SLU	4.95	2SLU	1.34	2SLU
293Max	-267	-1655.87	4SLE R	110.75	1SLU	4.70	2SLU	1.21	2SLU
293Min.	-168	-3868.95	1SLU	75.18	4SLE R	0.11	2SLU	0.66	3SLE R
293Min.	1037	-3460.48	1SLU	75.18	4SLE R	-0.14	2SLU	0.76	3SLE R
293Min.	2038	-2736.62	1SLU	75.18	4SLE R	3.08	3SLE R	0.76	3SLE R
293Min.	-267	-2307.79	1SLU	75.18	4SLE R	2.89	3SLE R	0.66	3SLE R
293Max	-160	-2759.24	4SLE R	106.15	1SLU	1.08	1SLU	0.95	2SLU
293Max	-164	-2495.60	4SLE R	106.15	1SLU	0.81	1SLU	1.08	2SLU
293Max	-262	-1889.12	4SLE R	106.15	1SLU	4.46	2SLU	1.08	2SLU
293Max	-259	-1608.03	4SLE R	106.15	1SLU	4.21	2SLU	0.95	2SLU
293Min.	-160	-3799.33	1SLU	72.05	4SLE R	0.48	4SLE R	0.46	3SLE R
293Min.	-164	-3407.92	1SLU	72.05	4SLE R	0.30	4SLE R	0.56	3SLE R
293Min.	-262	-2666.67	1SLU	72.05	4SLE R	2.70	3SLE R	0.56	3SLE R
293Min.	-259	-2255.57	1SLU	72.05	4SLE R	2.51	3SLE R	0.46	3SLE R
293Max	-164	-2788.51	4SLE R	108.19	1SLU	0.81	1SLU	1.08	2SLU
293Max	-168	-2519.80	4SLE R	108.19	1SLU	0.54	1SLU	1.21	2SLU
293Max	-267	-1918.53	4SLE R	108.19	1SLU	4.70	2SLU	1.21	2SLU



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293Max	-262	-1632.08	4SLE R	108.19	1SLU	4.46	2SLU	1.08	2SLU
293Min.	-164	-3833.35	1SLU	73.43	4SLE R	0.30	4SLE R	0.56	3SLE R
293Min.	-168	-3434.45	1SLU	73.43	4SLE R	0.11	2SLU	0.66	3SLE R
293Min.	-267	-2700.89	1SLU	73.43	4SLE R	2.89	3SLE R	0.66	3SLE R
293Min.	-262	-2281.90	1SLU	73.43	4SLE R	2.70	3SLE R	0.56	3SLE R
293Max	1022	-3479.18	4SLE R	154.27	1SLU	2.24	1SLU	0.80	2SLU
293Max	-150	-3097.49	4SLE R	154.27	1SLU	1.81	1SLU	1.01	2SLU
293Max	-252	-2366.42	4SLE R	154.27	1SLU	5.00	2SLU	1.01	2SLU
293Max	2023	-1956.42	4SLE R	154.27	1SLU	4.60	2SLU	0.80	2SLU
293Min.	1022	-4813.47	1SLU	104.72	4SLE R	1.19	4SLE R	0.26	3SLE R
293Min.	-150	-4246.26	1SLU	104.72	4SLE R	0.90	4SLE R	0.42	3SLE R
293Min.	-252	-3364.42	1SLU	104.72	4SLE R	2.92	3SLE R	0.42	3SLE R
293Min.	2023	-2765.34	1SLU	104.72	4SLE R	2.61	3SLE R	0.26	3SLE R
293Max	1037	-865.15	4SLE R	12.97	1SLU	0.08	1SLU	0.42	2SLU
293Max	1040	-832.76	4SLE R	12.97	1SLU	0.06	1SLU	0.44	2SLU
293Max	2041	-589.63	4SLE R	12.97	1SLU	1.58	2SLU	0.44	2SLU
293Max	2038	-555.45	4SLE R	12.97	1SLU	1.56	2SLU	0.42	2SLU
293Min.	1037	-1183.04	1SLU	8.81	4SLE R	-0.04	2SLU	0.24	3SLE R
293Min.	1040	-1135.01	1SLU	8.81	4SLE R	-0.07	2SLU	0.25	3SLE R
293Min.	2041	-824.71	1SLU	8.81	4SLE R	0.99	3SLE R	0.25	3SLE R
293Min.	2038	-774.67	1SLU	8.81	4SLE R	0.97	3SLE R	0.24	3SLE R
294Max	-172	-4592.96	4SLE R	62.88	2SLU	9.70	1SLU	-3.56	4SLE R
294Max	1036	-4637.76	4SLE R	62.88	2SLU	9.21	1SLU	-3.39	4SLE R
294Max	2037	-3602.17	4SLE R	62.88	2SLU	-6.59	4SLE R	-3.39	4SLE R
294Max	-271	-3230.15	4SLE R	62.88	2SLU	-6.92	4SLE R	-3.56	4SLE R
294Min.	-172	-6270.33	1SLU	35.68	3SLE R	6.55	4SLE R	-5.24	1SLU
294Min.	1036	-6363.51	1SLU	35.68	3SLE R	6.22	4SLE R	-4.98	1SLU
294Min.	2037	-4999.11	1SLU	35.68	3SLE R	-9.63	1SLU	-4.98	1SLU
294Min.	-271	-4516.79	1SLU	35.68	3SLE R	-10.12	1SLU	-5.24	1SLU
294Max	1037	-3967.76	4SLE R	63.00	2SLU	10.18	1SLU	-3.73	4SLE R
294Max	-172	-4012.27	4SLE R	63.00	2SLU	9.70	1SLU	-3.56	4SLE R
294Max	-271	-2976.98	4SLE R	63.00	2SLU	-6.92	4SLE R	-3.56	4SLE R
294Max	2038	-2604.64	4SLE R	63.00	2SLU	-7.24	4SLE R	-3.73	4SLE R
294Min.	1037	-5407.07	1SLU	35.74	3SLE R	6.87	4SLE R	-5.50	1SLU
294Min.	-172	-5499.93	1SLU	35.74	3SLE R	6.55	4SLE R	-5.24	1SLU
294Min.	-271	-4135.88	1SLU	35.74	3SLE R	-10.12	1SLU	-5.24	1SLU
294Min.	2038	-3653.18	1SLU	35.74	3SLE R	-10.60	1SLU	-5.50	1SLU
295Max	1049	-2461.55	3SLE R	32.95	2SLU	-7.78	3SLE R	9.96	2SLU
295Max	1048	-2444.33	4SLE R	32.95	2SLU	-7.88	3SLE R	10.03	2SLU
295Max	2049	-1887.42	3SLE R	32.95	2SLU	26.85	2SLU	10.03	2SLU
295Max	2050	-1740.75	4SLE R	32.95	2SLU	26.73	2SLU	9.96	2SLU
295Min.	1049	-3351.00	2SLU	20.30	3SLE R	-10.94	2SLU	7.16	3SLE R
295Min.	1048	-3326.07	1SLU	20.30	3SLE R	-11.06	2SLU	7.21	3SLE R
295Min.	2049	-2615.03	2SLU	20.30	3SLE R	19.39	3SLE R	7.21	3SLE R
295Min.	2050	-2406.51	1SLU	20.30	3SLE R	19.29	3SLE R	7.16	3SLE R
296Max	-183	-6561.96	3SLE R	100.09	2SLU	-16.03	3SLE R	20.09	2SLU
296Max	-182	-6575.05	3SLE R	100.09	2SLU	-16.40	3SLE R	20.35	2SLU
296Max	-277	-5554.99	3SLE R	100.09	2SLU	53.98	2SLU	20.35	2SLU
296Max	-278	-5075.88	3SLE R	100.09	2SLU	53.49	2SLU	20.09	2SLU
296Min.	-183	-9115.32	2SLU	61.64	3SLE R	-22.46	2SLU	14.47	3SLE R
296Min.	-182	-9097.03	2SLU	61.64	3SLE R	-22.94	2SLU	14.66	3SLE R
296Min.	-277	-7846.39	2SLU	61.64	3SLE R	39.02	3SLE R	14.66	3SLE R
296Min.	-278	-7107.98	2SLU	61.64	3SLE R	38.65	3SLE R	14.47	3SLE R
296Max	1047	-5827.43	3SLE R	102.72	2SLU	-15.66	3SLE R	19.84	2SLU
296Max	-183	-5833.44	3SLE R	102.72	2SLU	-16.03	3SLE R	20.09	2SLU
296Max	-278	-4820.39	3SLE R	102.72	2SLU	53.49	2SLU	20.09	2SLU
296Max	2048	-4334.33	3SLE R	102.72	2SLU	53.01	2SLU	19.84	2SLU
296Min.	1047	-8040.48	2SLU	63.50	3SLE R	-21.98	2SLU	14.27	3SLE R
296Min.	-183	-8012.17	2SLU	63.50	3SLE R	-22.46	2SLU	14.47	3SLE R
296Min.	-278	-6771.45	2SLU	63.50	3SLE R	38.65	3SLE R	14.47	3SLE R
296Min.	2048	-6023.21	2SLU	63.50	3SLE R	38.28	3SLE R	14.27	3SLE R
296Max	-182	-7301.77	3SLE R	101.19	2SLU	-16.40	3SLE R	20.35	2SLU
296Max	1046	-7312.18	3SLE R	101.19	2SLU	-16.77	3SLE R	20.60	2SLU
296Max	2047	-6294.88	3SLE R	101.19	2SLU	54.46	2SLU	20.60	2SLU
296Max	-277	-5812.93	3SLE R	101.19	2SLU	53.98	2SLU	20.35	2SLU
296Min.	-182	-10197.70	2SLU	62.37	3SLE R	-22.94	2SLU	14.66	3SLE R
296Min.	1046	-10175.40	2SLU	62.37	3SLE R	-23.42	2SLU	14.86	3SLE R
296Min.	2047	-8928.92	2SLU	62.37	3SLE R	39.40	3SLE R	14.86	3SLE R
296Min.	-277	-8186.27	2SLU	62.37	3SLE R	39.02	3SLE R	14.66	3SLE R
297Max	1045	-14074.20	3SLE R	1175.40	2SLU	8.77	1SLU	-2.38	4SLE R



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297	Max	1044	-12520.20	3	SLE R	1175.40	2	SLU	7.91	1	SLU	-2.08	4	SLE R
297	Max	2045	-14190.80	3	SLE R	1175.40	2	SLU	-2.57	4	SLE R	-2.08	4	SLE R
297	Max	2046	-9443.93	3	SLE R	1175.40	2	SLU	-3.15	4	SLE R	-2.38	4	SLE R
297	Min.	1045	-19648.90	2	SLU	833.45	3	SLE R	5.86	4	SLE R	-3.57	1	SLU
297	Min.	1044	-17445.60	2	SLU	833.45	3	SLE R	5.28	4	SLE R	-3.10	1	SLU
297	Min.	2045	-19964.80	2	SLU	833.45	3	SLE R	-3.83	1	SLU	-3.10	1	SLU
297	Min.	2046	-13282.00	2	SLU	833.45	3	SLE R	-4.70	1	SLU	-3.57	1	SLU
298	Max	1029	-6704.18	4	SLE R	1113.27	2	SLU	-3.35	4	SLE R	2.78	1	SLU
298	Max	1030	-4820.70	4	SLE R	1113.27	2	SLU	-3.56	4	SLE R	2.95	1	SLU
298	Max	2031	-6854.88	4	SLE R	1113.27	2	SLU	5.81	1	SLU	2.95	1	SLU
298	Max	2030	-2713.85	4	SLE R	1113.27	2	SLU	5.49	1	SLU	2.78	1	SLU
298	Min.	1029	-9292.95	1	SLU	776.31	3	SLE R	-5.02	1	SLU	1.85	4	SLE R
298	Min.	1030	-6720.95	1	SLU	776.31	3	SLE R	-5.34	1	SLU	1.96	4	SLE R
298	Min.	2031	-9540.91	1	SLU	776.31	3	SLE R	3.86	4	SLE R	1.96	4	SLE R
298	Min.	2030	-3930.00	1	SLU	776.31	3	SLE R	3.64	4	SLE R	1.85	4	SLE R
299	Max	-156	-6425.16	4	SLE R	-20.85	3	SLE R	-5.30	4	SLE R	4.24	1	SLU
299	Max	-157	-6328.20	4	SLE R	-20.85	3	SLE R	-5.62	4	SLE R	4.49	1	SLU
299	Max	-257	-5019.47	4	SLE R	-20.85	3	SLE R	8.68	1	SLU	4.49	1	SLU
299	Max	-256	-5338.88	4	SLE R	-20.85	3	SLE R	8.20	1	SLU	4.24	1	SLU
299	Min.	-156	-8861.26	1	SLU	-43.53	2	SLU	-7.82	1	SLU	2.90	4	SLE R
299	Min.	-157	-8689.78	1	SLU	-43.53	2	SLU	-8.29	1	SLU	3.06	4	SLE R
299	Min.	-257	-7017.10	1	SLU	-43.53	2	SLU	5.96	4	SLE R	3.06	4	SLE R
299	Min.	-256	-7420.42	1	SLU	-43.53	2	SLU	5.65	4	SLE R	2.90	4	SLE R
299	Max	-158	-5174.52	4	SLE R	-21.86	3	SLE R	-5.94	4	SLE R	4.74	1	SLU
299	Max	1032	-5081.20	4	SLE R	-21.86	3	SLE R	-6.25	4	SLE R	5.00	1	SLU
299	Max	2033	-3768.87	4	SLE R	-21.86	3	SLE R	9.64	1	SLU	5.00	1	SLU
299	Max	-258	-4091.84	4	SLE R	-21.86	3	SLE R	9.16	1	SLU	4.74	1	SLU
299	Min.	-158	-7134.51	1	SLU	-44.86	2	SLU	-8.77	1	SLU	3.23	4	SLE R
299	Min.	1032	-6968.45	1	SLU	-44.86	2	SLU	-9.25	1	SLU	3.40	4	SLE R
299	Min.	2033	-5290.40	1	SLU	-44.86	2	SLU	6.60	4	SLE R	3.40	4	SLE R
299	Min.	-258	-5699.04	1	SLU	-44.86	2	SLU	6.28	4	SLE R	3.23	4	SLE R
299	Max	-154	-3743.81	3	SLE R	-6.35	3	SLE R	-2.42	4	SLE R	1.93	1	SLU
299	Max	-155	-3717.20	3	SLE R	-6.35	3	SLE R	-2.50	4	SLE R	1.99	1	SLU
299	Max	-255	-3093.10	4	SLE R	-6.35	3	SLE R	3.86	1	SLU	1.99	1	SLU
299	Max	-254	-3169.08	3	SLE R	-6.35	3	SLE R	3.74	1	SLU	1.93	1	SLU
299	Min.	-154	-5160.71	2	SLU	-13.33	2	SLU	-3.55	1	SLU	1.32	4	SLE R
299	Min.	-155	-5137.08	2	SLU	-13.33	2	SLU	-3.67	1	SLU	1.37	4	SLE R
299	Min.	-255	-4310.30	1	SLU	-13.33	2	SLU	2.67	4	SLE R	1.37	4	SLE R
299	Min.	-254	-4432.72	2	SLU	-13.33	2	SLU	2.59	4	SLE R	1.32	4	SLE R
299	Max	-155	-7049.81	4	SLE R	-20.82	3	SLE R	-4.99	4	SLE R	3.98	1	SLU
299	Max	-156	-6943.40	3	SLE R	-20.82	3	SLE R	-5.30	4	SLE R	4.24	1	SLU
299	Max	-256	-5644.08	4	SLE R	-20.82	3	SLE R	8.20	1	SLU	4.24	1	SLU
299	Max	-255	-5948.41	3	SLE R	-20.82	3	SLE R	7.72	1	SLU	3.98	1	SLU
299	Min.	-155	-9723.61	1	SLU	-43.49	2	SLU	-7.34	1	SLU	2.73	4	SLE R
299	Min.	-156	-9565.84	2	SLU	-43.49	2	SLU	-7.82	1	SLU	2.90	4	SLE R
299	Min.	-256	-7879.39	1	SLU	-43.49	2	SLU	5.65	4	SLE R	2.90	4	SLE R
299	Min.	-255	-8305.11	2	SLU	-43.49	2	SLU	5.33	4	SLE R	2.73	4	SLE R
299	Max	-157	-5801.55	4	SLE R	-20.45	3	SLE R	-5.62	4	SLE R	4.49	1	SLU
299	Max	-158	-5702.80	4	SLE R	-20.45	3	SLE R	-5.94	4	SLE R	4.74	1	SLU
299	Max	-258	-4395.90	4	SLE R	-20.45	3	SLE R	9.16	1	SLU	4.74	1	SLU
299	Max	-257	-4713.45	4	SLE R	-20.45	3	SLE R	8.68	1	SLU	4.49	1	SLU
299	Min.	-157	-8000.15	1	SLU	-42.84	2	SLU	-8.29	1	SLU	3.06	4	SLE R
299	Min.	-158	-7826.57	1	SLU	-42.84	2	SLU	-8.77	1	SLU	3.23	4	SLE R
299	Min.	-258	-6156.04	1	SLU	-42.84	2	SLU	6.28	4	SLE R	3.23	4	SLE R
299	Min.	-257	-6557.19	1	SLU	-42.84	2	SLU	5.96	4	SLE R	3.06	4	SLE R
299	Max	1031	-3895.73	3	SLE R	-6.37	3	SLE R	-2.34	4	SLE R	1.87	1	SLU
299	Max	-154	-3869.15	3	SLE R	-6.37	3	SLE R	-2.42	4	SLE R	1.93	1	SLU
299	Max	-254	-3246.33	3	SLE R	-6.37	3	SLE R	3.74	1	SLU	1.93	1	SLU
299	Max	2032	-3321.04	3	SLE R	-6.37	3	SLE R	3.62	1	SLU	1.87	1	SLU
299	Min.	1031	-5382.78	2	SLU	-13.35	2	SLU	-3.43	1	SLU	1.28	4	SLE R
299	Min.	-154	-5359.20	2	SLU	-13.35	2	SLU	-3.55	1	SLU	1.32	4	SLE R
299	Min.	-254	-4530.37	2	SLU	-13.35	2	SLU	2.59	4	SLE R	1.32	4	SLE R
299	Min.	2032	-4654.85	2	SLU	-13.35	2	SLU	2.51	4	SLE R	1.28	4	SLE R
300	Max	-341	-2001.26	4	SLE R	-232.61	3	SLE R	-0.54	3	SLE R	1.89	2	SLU
300	Max	-187	-2456.71	3	SLE R	-232.61	3	SLE R	-0.69	3	SLE R	1.99	2	SLU
300	Max	-280	-774.03	4	SLE R	-232.61	3	SLE R	6.19	2	SLU	1.99	2	SLU
300	Max	-342	-2090.95	3	SLE R	-232.61	3	SLE R	5.99	2	SLU	1.89	2	SLU
300	Min.	-341	-2707.32	1	SLU	-323.66	2	SLU	-1.13	2	SLU	1.16	3	SLE R
300	Min.	-187	-3326.94	2	SLU	-323.66	2	SLU	-1.33	2	SLU	1.24	3	SLE R
300	Min.	-280	-1076.07	1	SLU	-323.66	2	SLU	4.01	3	SLE R	1.24	3	SLE R



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300Min.	-342	-2882.56	2SLU	-323.66	2SLU	3.86	3SLE R	1.16	3SLE R
300Max	-187	-707.75	4SLE R	-254.27	3SLE R	-0.73	3SLE R	2.10	2SLU
300Max	1053	-1193.03	3SLE R	-254.27	3SLE R	-0.90	3SLE R	2.21	2SLU
300Max	2054	838.18	2SLU	-254.27	3SLE R	6.74	2SLU	2.21	2SLU
300Max	-280	-832.00	3SLE R	-254.27	3SLE R	6.52	2SLU	2.10	2SLU
300Min.	-187	-915.12	1SLU	-353.80	2SLU	-1.40	2SLU	1.31	3SLE R
300Min.	1053	-1591.02	2SLU	-353.80	2SLU	-1.63	2SLU	1.40	3SLE R
300Min.	2054	607.99	3SLE R	-353.80	2SLU	4.39	3SLE R	1.40	3SLE R
300Min.	-280	-1156.21	2SLU	-353.80	2SLU	4.22	3SLE R	1.31	3SLE R
300Max	1049	-154.40	4SLE R	-0.76	3SLE R	-0.03	3SLE R	0.10	2SLU
300Max	-341	-156.11	4SLE R	-0.76	3SLE R	-0.03	3SLE R	0.10	2SLU
300Max	-342	-110.66	4SLE R	-0.76	3SLE R	0.32	2SLU	0.10	2SLU
300Max	2050	-114.81	4SLE R	-0.76	3SLE R	0.32	2SLU	0.10	2SLU
300Min.	1049	-209.67	1SLU	-1.06	2SLU	-0.06	2SLU	0.06	3SLE R
300Min.	-341	-211.94	1SLU	-1.06	2SLU	-0.06	2SLU	0.06	3SLE R
300Min.	-342	-152.69	1SLU	-1.06	2SLU	0.21	3SLE R	0.06	3SLE R
300Min.	2050	-158.35	1SLU	-1.06	2SLU	0.21	3SLE R	0.06	3SLE R
301Max	1066	-899.42	3SLE R	100.13	1SLU	-0.19	3SLE R	0.97	2SLU
301Max	-202	-660.77	3SLE R	100.13	1SLU	-0.30	3SLE R	1.05	2SLU
301Max	-289	-238.79	3SLE R	100.13	1SLU	3.47	2SLU	1.05	2SLU
301Max	2067	86.25	1SLU	100.13	1SLU	3.32	2SLU	0.97	2SLU
301Min.	1066	-1250.92	2SLU	64.51	4SLE R	-0.36	2SLU	0.66	3SLE R
301Min.	-202	-946.25	2SLU	64.51	4SLE R	-0.51	2SLU	0.72	3SLE R
301Min.	-289	-388.61	2SLU	64.51	4SLE R	2.42	3SLE R	0.72	3SLE R
301Min.	2067	-11.88	2SLU	64.51	4SLE R	2.31	3SLE R	0.66	3SLE R
301Max	-202	-990.65	3SLE R	100.14	1SLU	-0.30	3SLE R	1.05	2SLU
301Max	1080	-751.93	3SLE R	100.14	1SLU	-0.42	3SLE R	1.13	2SLU
301Max	2081	-329.99	3SLE R	100.14	1SLU	3.62	2SLU	1.13	2SLU
301Max	-289	-30.52	3SLE R	100.14	1SLU	3.47	2SLU	1.05	2SLU
301Min.	-202	-1359.06	2SLU	64.52	4SLE R	-0.51	2SLU	0.72	3SLE R
301Min.	1080	-1054.31	2SLU	64.52	4SLE R	-0.66	2SLU	0.78	3SLE R
301Min.	2081	-496.73	2SLU	64.52	4SLE R	2.54	3SLE R	0.78	3SLE R
301Min.	-289	-119.96	2SLU	64.52	4SLE R	2.42	3SLE R	0.72	3SLE R
302Max	-209	-2502.48	3SLE R	57.20	2SLU	10.78	1SLU	-4.11	4SLE R
302Max	1079	-2491.87	3SLE R	57.20	2SLU	10.38	1SLU	-3.97	4SLE R
302Max	2080	-1544.13	3SLE R	57.20	2SLU	-8.29	4SLE R	-3.97	4SLE R
302Max	-292	-1255.93	3SLE R	57.20	2SLU	-8.55	4SLE R	-4.11	4SLE R
302Min.	-209	-3466.29	2SLU	39.52	3SLE R	6.99	4SLE R	-6.40	1SLU
302Min.	1079	-3443.79	2SLU	39.52	3SLE R	6.73	4SLE R	-6.19	1SLU
302Min.	2080	-2233.70	2SLU	39.52	3SLE R	-13.00	1SLU	-6.19	1SLU
302Min.	-292	-1823.81	2SLU	39.52	3SLE R	-13.40	1SLU	-6.40	1SLU
302Max	-210	-2085.89	3SLE R	57.16	2SLU	11.17	1SLU	-4.25	4SLE R
302Max	-209	-2075.43	3SLE R	57.16	2SLU	10.78	1SLU	-4.11	4SLE R
302Max	-292	-1127.58	3SLE R	57.16	2SLU	-8.55	4SLE R	-4.11	4SLE R
302Max	-293	-839.45	3SLE R	57.16	2SLU	-8.82	4SLE R	-4.25	4SLE R
302Min.	-210	-2884.93	2SLU	39.49	3SLE R	7.25	4SLE R	-6.61	1SLU
302Min.	-209	-2862.63	2SLU	39.49	3SLE R	6.99	4SLE R	-6.40	1SLU
302Min.	-292	-1652.39	2SLU	39.49	3SLE R	-13.40	1SLU	-6.40	1SLU
302Min.	-293	-1242.59	2SLU	39.49	3SLE R	-13.80	1SLU	-6.61	1SLU
302Max	1080	-1669.22	3SLE R	57.13	2SLU	11.57	1SLU	-4.39	4SLE R
302Max	-210	-1658.87	3SLE R	57.13	2SLU	11.17	1SLU	-4.25	4SLE R
302Max	-293	-710.94	3SLE R	57.13	2SLU	-8.82	4SLE R	-4.25	4SLE R
302Max	2081	-422.85	3SLE R	57.13	2SLU	-9.08	4SLE R	-4.39	4SLE R
302Min.	1080	-2303.45	2SLU	39.48	3SLE R	7.52	4SLE R	-6.82	1SLU
302Min.	-210	-2281.29	2SLU	39.48	3SLE R	7.25	4SLE R	-6.61	1SLU
302Min.	-293	-1070.95	2SLU	39.48	3SLE R	-13.80	1SLU	-6.61	1SLU
302Min.	2081	-661.21	2SLU	39.48	3SLE R	-14.20	1SLU	-6.82	1SLU
303Max	1078	-2307.60	3SLE R	-241.04	3SLE R	2.65	1SLU	-0.49	4SLE R
303Max	1077	-2906.47	3SLE R	-241.04	3SLE R	2.43	1SLU	-0.41	4SLE R
303Max	2078	-1187.38	3SLE R	-241.04	3SLE R	0.11	1SLU	-0.41	4SLE R
303Max	2079	-2410.74	3SLE R	-241.04	3SLE R	-0.07	4SLE R	-0.49	4SLE R
303Min.	1078	-3411.39	2SLU	-376.79	2SLU	1.77	4SLE R	-0.73	1SLU
303Min.	1077	-4339.03	2SLU	-376.79	2SLU	1.62	4SLE R	-0.62	1SLU
303Min.	2078	-1864.40	2SLU	-376.79	2SLU	0.07	4SLE R	-0.62	1SLU
303Min.	2079	-3785.29	2SLU	-376.79	2SLU	-0.11	1SLU	-0.73	1SLU
304Max	1076	-3187.32	3SLE R	724.09	2SLU	1.54	1SLU	-0.28	4SLE R
304Max	1075	-2079.06	3SLE R	724.09	2SLU	1.46	1SLU	-0.25	4SLE R
304Max	2076	-3310.27	3SLE R	724.09	2SLU	0.04	1SLU	-0.25	4SLE R
304Max	2077	-935.51	3SLE R	724.09	2SLU	-0.03	4SLE R	-0.28	4SLE R
304Min.	1076	-4869.38	2SLU	460.72	3SLE R	1.03	4SLE R	-0.42	1SLU



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304	Min.	1075	-3124.03	2	SLU	460.72	3	SLE R	0.97	4	SLE R	-0.37	1	SLU
304	Min.	2076	-5197.71	2	SLU	460.72	3	SLE R	0.03	4	SLE R	-0.37	1	SLU
304	Min.	2077	-1468.92	2	SLU	460.72	3	SLE R	-0.04	1	SLU	-0.42	1	SLU
305	Max	-203	-1670.42	4	SLE R	12.47	2	SLU	-4.71	4	SLE R	5.03	1	SLU
305	Max	1067	-1682.97	4	SLE R	12.47	2	SLU	-4.81	4	SLE R	5.11	1	SLU
305	Max	2068	-1057.87	4	SLE R	12.47	2	SLU	12.02	1	SLU	5.11	1	SLU
305	Max	-290	-977.24	4	SLE R	12.47	2	SLU	11.87	1	SLU	5.03	1	SLU
305	Min.	-203	-2381.87	1	SLU	8.65	3	SLE R	-7.14	1	SLU	3.31	4	SLE R
305	Min.	1067	-2404.29	1	SLU	8.65	3	SLE R	-7.29	1	SLU	3.36	4	SLE R
305	Min.	2068	-1592.55	1	SLU	8.65	3	SLE R	7.89	4	SLE R	3.36	4	SLE R
305	Min.	-290	-1479.86	1	SLU	8.65	3	SLE R	7.79	4	SLE R	3.31	4	SLE R
305	Max	1074	-1530.59	4	SLE R	12.45	2	SLU	-4.61	4	SLE R	4.95	1	SLU
305	Max	-203	-1543.22	4	SLE R	12.45	2	SLU	-4.71	4	SLE R	5.03	1	SLU
305	Max	-290	-918.07	4	SLE R	12.45	2	SLU	11.87	1	SLU	5.03	1	SLU
305	Max	2075	-837.47	4	SLE R	12.45	2	SLU	11.72	1	SLU	4.95	1	SLU
305	Min.	1074	-2179.13	1	SLU	8.63	3	SLE R	-6.99	1	SLU	3.26	4	SLE R
305	Min.	-203	-2201.66	1	SLU	8.63	3	SLE R	-7.14	1	SLU	3.31	4	SLE R
305	Min.	-290	-1389.84	1	SLU	8.63	3	SLE R	7.79	4	SLE R	3.31	4	SLE R
305	Min.	2075	-1277.20	1	SLU	8.63	3	SLE R	7.70	4	SLE R	3.26	4	SLE R
305	Max	-212	-3217.83	4	SLE R	46.31	2	SLU	-11.81	4	SLE R	12.80	1	SLU
305	Max	1074	-3293.93	4	SLE R	46.31	2	SLU	-12.24	4	SLE R	13.14	1	SLU
305	Max	2075	-2342.98	4	SLE R	46.31	2	SLU	31.11	1	SLU	13.14	1	SLU
305	Max	-295	-2014.17	4	SLE R	46.31	2	SLU	30.47	1	SLU	12.80	1	SLU
305	Min.	-212	-4607.34	1	SLU	32.10	3	SLE R	-17.90	1	SLU	8.42	4	SLE R
305	Min.	1074	-4733.35	1	SLU	32.10	3	SLE R	-18.55	1	SLU	8.64	4	SLE R
305	Min.	2075	-3500.38	1	SLU	32.10	3	SLE R	20.43	4	SLE R	8.64	4	SLE R
305	Min.	-295	-3039.33	1	SLU	32.10	3	SLE R	20.00	4	SLE R	8.42	4	SLE R
305	Max	1091	-2002.00	4	SLE R	46.16	2	SLU	-10.95	4	SLE R	12.11	1	SLU
305	Max	-216	-2078.69	4	SLE R	46.16	2	SLU	-11.38	4	SLE R	12.46	1	SLU
305	Max	-298	-1127.33	4	SLE R	46.16	2	SLU	29.83	1	SLU	12.46	1	SLU
305	Max	2092	-798.76	4	SLE R	46.16	2	SLU	29.19	1	SLU	12.11	1	SLU
305	Min.	1091	-2844.67	1	SLU	31.99	3	SLE R	-16.61	1	SLU	7.96	4	SLE R
305	Min.	-216	-2971.48	1	SLU	31.99	3	SLE R	-17.25	1	SLU	8.19	4	SLE R
305	Min.	-298	-1737.95	1	SLU	31.99	3	SLE R	19.57	4	SLE R	8.19	4	SLE R
305	Min.	2092	-1277.22	1	SLU	31.99	3	SLE R	19.15	4	SLE R	7.96	4	SLE R
305	Max	-216	-2610.04	4	SLE R	46.22	2	SLU	-11.38	4	SLE R	12.46	1	SLU
305	Max	-212	-2686.48	4	SLE R	46.22	2	SLU	-11.81	4	SLE R	12.80	1	SLU
305	Max	-295	-1735.29	4	SLE R	46.22	2	SLU	30.47	1	SLU	12.80	1	SLU
305	Max	-298	-1406.62	4	SLE R	46.22	2	SLU	29.83	1	SLU	12.46	1	SLU
305	Min.	-216	-3726.17	1	SLU	32.04	3	SLE R	-17.25	1	SLU	8.19	4	SLE R
305	Min.	-212	-3852.65	1	SLU	32.04	3	SLE R	-17.90	1	SLU	8.42	4	SLE R
305	Min.	-295	-2619.35	1	SLU	32.04	3	SLE R	20.00	4	SLE R	8.42	4	SLE R
305	Min.	-298	-2158.49	1	SLU	32.04	3	SLE R	19.57	4	SLE R	8.19	4	SLE R
306	Max	1074	-1856.71	4	SLE R	-164.35	4	SLE R	0.58	1	SLU	0.89	2	SLU
306	Max	-205	-2279.12	4	SLE R	-164.35	4	SLE R	0.21	1	SLU	1.08	2	SLU
306	Max	-291	-594.77	4	SLE R	-164.35	4	SLE R	4.19	1	SLU	1.08	2	SLU
306	Max	2075	-1414.82	4	SLE R	-164.35	4	SLE R	3.81	1	SLU	0.89	2	SLU
306	Min.	1074	-2592.05	1	SLU	-249.82	1	SLU	0.30	4	SLE R	0.62	3	SLE R
306	Min.	-205	-3231.16	1	SLU	-249.82	1	SLU	0.05	4	SLE R	0.76	3	SLE R
306	Min.	-291	-904.77	1	SLU	-249.82	1	SLU	2.98	4	SLE R	0.76	3	SLE R
306	Min.	2075	-2154.31	1	SLU	-249.82	1	SLU	2.74	4	SLE R	0.62	3	SLE R
306	Max	-205	-1260.32	4	SLE R	-164.32	4	SLE R	0.21	1	SLU	1.08	2	SLU
306	Max	1073	-1682.58	4	SLE R	-164.32	4	SLE R	-0.12	3	SLE R	1.26	2	SLU
306	Max	2074	10.86	1	SLU	-164.32	4	SLE R	4.57	1	SLU	1.26	2	SLU
306	Max	-291	-818.31	4	SLE R	-164.32	4	SLE R	4.19	1	SLU	1.08	2	SLU
306	Min.	-205	-1676.48	1	SLU	-249.78	1	SLU	0.05	4	SLE R	0.76	3	SLE R
306	Min.	1073	-2315.39	1	SLU	-249.78	1	SLU	-0.27	2	SLU	0.90	3	SLE R
306	Min.	2074	1.45	2	SLU	-249.78	1	SLU	3.23	4	SLE R	0.90	3	SLE R
306	Min.	-291	-1238.60	1	SLU	-249.78	1	SLU	2.98	4	SLE R	0.76	3	SLE R
307	Max	1071	-2132.95	4	SLE R	78.12	1	SLU	-2.41	4	SLE R	5.01	1	SLU
307	Max	-211	-1906.89	4	SLE R	78.12	1	SLU	-2.84	4	SLE R	5.35	1	SLU
307	Max	-294	-1025.74	4	SLE R	78.12	1	SLU	15.28	1	SLU	5.35	1	SLU
307	Max	2072	-859.49	4	SLE R	78.12	1	SLU	14.64	1	SLU	5.01	1	SLU
307	Min.	1071	-3043.72	1	SLU	51.89	4	SLE R	-4.31	1	SLU	2.99	4	SLE R
307	Min.	-211	-2705.17	1	SLU	51.89	4	SLE R	-4.95	1	SLU	3.22	4	SLE R
307	Min.	-294	-1599.96	1	SLU	51.89	4	SLE R	9.32	4	SLE R	3.22	4	SLE R
307	Min.	2072	-1347.95	1	SLU	51.89	4	SLE R	8.90	4	SLE R	2.99	4	SLE R
307	Max	-215	-1953.49	4	SLE R	78.29	1	SLU	-3.27	4	SLE R	5.69	1	SLU
307	Max	1088	-1726.74	4	SLE R	78.29	1	SLU	-3.69	4	SLE R	6.03	1	SLU
307	Max	2089	-846.08	4	SLE R	78.29	1	SLU	16.56	1	SLU	6.03	1	SLU



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307	Max	-297	-679.55	4SLE R	78.29	1SLU	15.92	1SLU	5.69	1SLU
307	Min.	-215	-2784.05	1SLU	52.02	4SLE R	-5.59	1SLU	3.44	4SLE R
307	Min.	1088	-2444.57	1SLU	52.02	4SLE R	-6.24	1SLU	3.67	4SLE R
307	Min.	2089	-1340.01	1SLU	52.02	4SLE R	10.17	4SLE R	3.67	4SLE R
307	Min.	-297	-1087.63	1SLU	52.02	4SLE R	9.75	4SLE R	3.44	4SLE R
307	Max	-211	-2043.37	4SLE R	78.19	1SLU	-2.84	4SLE R	5.35	1SLU
307	Max	-215	-1817.00	4SLE R	78.19	1SLU	-3.27	4SLE R	5.69	1SLU
307	Max	-297	-936.07	4SLE R	78.19	1SLU	15.92	1SLU	5.69	1SLU
307	Max	-294	-769.70	4SLE R	78.19	1SLU	15.28	1SLU	5.35	1SLU
307	Min.	-211	-2914.09	1SLU	51.95	4SLE R	-4.95	1SLU	3.22	4SLE R
307	Min.	-215	-2575.13	1SLU	51.95	4SLE R	-5.59	1SLU	3.44	4SLE R
307	Min.	-297	-1470.21	1SLU	51.95	4SLE R	9.75	4SLE R	3.44	4SLE R
307	Min.	-294	-1218.03	1SLU	51.95	4SLE R	9.32	4SLE R	3.22	4SLE R
308	Max	1070	-661.27	4SLE R	60.22	1SLU	-0.80	4SLE R	1.33	1SLU
308	Max	-349	-581.32	4SLE R	60.22	1SLU	-0.84	4SLE R	1.36	1SLU
308	Max	-350	-294.87	4SLE R	60.22	1SLU	3.85	1SLU	1.36	1SLU
308	Max	2071	-97.22	4SLE R	60.22	1SLU	3.79	1SLU	1.33	1SLU
308	Min.	1070	-939.03	1SLU	36.72	4SLE R	-1.25	1SLU	0.87	4SLE R
308	Min.	-349	-806.17	1SLU	36.72	4SLE R	-1.31	1SLU	0.89	4SLE R
308	Min.	-350	-480.99	1SLU	36.72	4SLE R	2.52	4SLE R	0.89	4SLE R
308	Min.	2071	-158.56	1SLU	36.72	4SLE R	2.48	4SLE R	0.87	4SLE R
308	Max	-349	-72.27	4SLE R	0.63	1SLU	-0.08	4SLE R	0.14	1SLU
308	Max	1069	-71.41	4SLE R	0.63	1SLU	-0.08	4SLE R	0.14	1SLU
308	Max	2070	-30.33	4SLE R	0.63	1SLU	0.39	1SLU	0.14	1SLU
308	Max	-350	-28.29	4SLE R	0.63	1SLU	0.39	1SLU	0.14	1SLU
308	Min.	-349	-103.61	1SLU	0.38	4SLE R	-0.13	1SLU	0.09	4SLE R
308	Min.	1069	-102.18	1SLU	0.38	4SLE R	-0.13	1SLU	0.09	4SLE R
308	Min.	2070	-49.28	1SLU	0.38	4SLE R	0.25	4SLE R	0.09	4SLE R
308	Min.	-350	-45.95	1SLU	0.38	4SLE R	0.25	4SLE R	0.09	4SLE R
309	Max	1068	-929.30	4SLE R	-19.96	4SLE R	-3.21	4SLE R	4.74	1SLU
309	Max	1069	-964.83	4SLE R	-19.96	4SLE R	-3.27	4SLE R	4.79	1SLU
309	Max	2070	-370.57	4SLE R	-19.96	4SLE R	12.66	1SLU	4.79	1SLU
309	Max	2069	-485.95	4SLE R	-19.96	4SLE R	12.57	1SLU	4.74	1SLU
309	Min.	1068	-1335.98	1SLU	-30.58	1SLU	-5.34	1SLU	2.89	4SLE R
309	Min.	1069	-1391.02	1SLU	-30.58	1SLU	-5.44	1SLU	2.92	4SLE R
309	Min.	2070	-600.98	1SLU	-30.58	1SLU	7.76	4SLE R	2.92	4SLE R
309	Min.	2069	-777.12	1SLU	-30.58	1SLU	7.70	4SLE R	2.89	4SLE R
309	Max	1069	-2204.67	4SLE R	-120.38	4SLE R	-11.32	4SLE R	16.57	1SLU
309	Max	1084	-2364.98	4SLE R	-120.38	4SLE R	-11.77	4SLE R	16.92	1SLU
309	Max	2085	-804.28	4SLE R	-120.38	4SLE R	44.50	1SLU	16.92	1SLU
309	Max	2070	-1554.07	4SLE R	-120.38	4SLE R	43.82	1SLU	16.57	1SLU
309	Min.	1069	-3162.71	1SLU	-184.42	1SLU	-18.79	1SLU	10.10	4SLE R
309	Min.	1084	-3412.81	1SLU	-184.42	1SLU	-19.47	1SLU	10.34	4SLE R
309	Min.	2085	-1278.35	1SLU	-184.42	1SLU	27.31	4SLE R	10.34	4SLE R
309	Min.	2070	-2422.47	1SLU	-184.42	1SLU	26.86	4SLE R	10.10	4SLE R
310	Max	1102	-1668.23	4SLE R	-31.49	4SLE R	2.60	1SLU	-0.95	4SLE R
310	Max	1113	-1700.77	4SLE R	-31.49	4SLE R	2.31	1SLU	-0.85	4SLE R
310	Max	2114	-858.83	4SLE R	-31.49	4SLE R	-1.63	4SLE R	-0.85	4SLE R
310	Max	2103	-1064.32	4SLE R	-31.49	4SLE R	-1.83	4SLE R	-0.95	4SLE R
310	Min.	1102	-2435.45	1SLU	-51.04	1SLU	1.77	4SLE R	-1.40	1SLU
310	Min.	1113	-2493.90	1SLU	-51.04	1SLU	1.58	4SLE R	-1.25	1SLU
310	Min.	2114	-1361.17	1SLU	-51.04	1SLU	-2.42	1SLU	-1.25	1SLU
310	Min.	2103	-1688.57	1SLU	-51.04	1SLU	-2.70	1SLU	-1.40	1SLU
311	Max	-226	-2725.75	4SLE R	72.51	1SLU	5.10	1SLU	-3.11	4SLE R
311	Max	-227	-2544.27	4SLE R	72.51	1SLU	4.27	1SLU	-2.82	4SLE R
311	Max	-307	-1488.69	4SLE R	72.51	1SLU	-8.07	4SLE R	-2.82	4SLE R
311	Max	-306	-1297.87	4SLE R	72.51	1SLU	-8.62	4SLE R	-3.11	4SLE R
311	Min.	-226	-3957.00	1SLU	49.24	4SLE R	3.15	4SLE R	-4.95	1SLU
311	Min.	-227	-3691.17	1SLU	49.24	4SLE R	2.60	4SLE R	-4.51	1SLU
311	Min.	-307	-2351.02	1SLU	49.24	4SLE R	-12.77	1SLU	-4.51	1SLU
311	Min.	-306	-2068.64	1SLU	49.24	4SLE R	-13.61	1SLU	-4.95	1SLU
311	Max	-225	-2711.83	4SLE R	72.55	1SLU	5.93	1SLU	-3.41	4SLE R
311	Max	-226	-2530.20	4SLE R	72.55	1SLU	5.10	1SLU	-3.11	4SLE R
311	Max	-306	-1474.71	4SLE R	72.55	1SLU	-8.62	4SLE R	-3.11	4SLE R
311	Max	-305	-1283.86	4SLE R	72.55	1SLU	-9.18	4SLE R	-3.41	4SLE R
311	Min.	-225	-3932.32	1SLU	49.27	4SLE R	3.70	4SLE R	-5.39	1SLU
311	Min.	-226	-3666.27	1SLU	49.27	4SLE R	3.15	4SLE R	-4.95	1SLU
311	Min.	-306	-2326.26	1SLU	49.27	4SLE R	-13.61	1SLU	-4.95	1SLU
311	Min.	-305	-2043.83	1SLU	49.27	4SLE R	-14.44	1SLU	-5.39	1SLU
311	Max	-227	-2739.88	4SLE R	72.50	1SLU	4.27	1SLU	-2.82	4SLE R



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311Max	-228	-2558.48	4SLE R	72.50	1SLU	3.44	1SLU	-2.53	4SLE R
311Max	-308	-1502.85	4SLE R	72.50	1SLU	-7.51	4SLE R	-2.53	4SLE R
311Max	-307	-1312.04	4SLE R	72.50	1SLU	-8.07	4SLE R	-2.82	4SLE R
311Min.	-227	-3981.99	1SLU	49.23	4SLE R	2.60	4SLE R	-4.51	1SLU
311Min.	-228	-3716.28	1SLU	49.23	4SLE R	2.05	4SLE R	-4.07	1SLU
311Min.	-308	-2376.07	1SLU	49.23	4SLE R	-11.94	1SLU	-4.07	1SLU
311Min.	-307	-2093.70	1SLU	49.23	4SLE R	-12.77	1SLU	-4.51	1SLU
311Max	1112	-2698.19	4SLE R	72.60	1SLU	6.76	1SLU	-3.70	4SLE R
311Max	-225	-2516.34	4SLE R	72.60	1SLU	5.93	1SLU	-3.41	4SLE R
311Max	-305	-1460.99	4SLE R	72.60	1SLU	-9.18	4SLE R	-3.41	4SLE R
311Max	2113	-1270.07	4SLE R	72.60	1SLU	-9.73	4SLE R	-3.70	4SLE R
311Min.	1112	-3908.02	1SLU	49.31	4SLE R	4.25	4SLE R	-5.83	1SLU
311Min.	-225	-3641.66	1SLU	49.31	4SLE R	3.70	4SLE R	-5.39	1SLU
311Min.	-305	-2301.85	1SLU	49.31	4SLE R	-14.44	1SLU	-5.39	1SLU
311Min.	2113	-2019.33	1SLU	49.31	4SLE R	-15.28	1SLU	-5.83	1SLU
311Max	-228	-2754.14	4SLE R	72.50	1SLU	3.44	1SLU	-2.53	4SLE R
311Max	1113	-2572.72	4SLE R	72.50	1SLU	2.61	1SLU	-2.24	4SLE R
311Max	2114	-1517.12	4SLE R	72.50	1SLU	-6.96	4SLE R	-2.24	4SLE R
311Max	-308	-1326.29	4SLE R	72.50	1SLU	-7.51	4SLE R	-2.53	4SLE R
311Min.	-228	-4007.19	1SLU	49.24	4SLE R	2.05	4SLE R	-4.07	1SLU
311Min.	1113	-3741.46	1SLU	49.24	4SLE R	1.50	4SLE R	-3.63	1SLU
311Min.	2114	-2401.28	1SLU	49.24	4SLE R	-11.10	1SLU	-3.63	1SLU
311Min.	-308	-2118.87	1SLU	49.24	4SLE R	-11.94	1SLU	-4.07	1SLU
312Max	1110	-2702.28	4SLE R	9.62	1SLU	-0.03	1SLU	-0.02	4SLE R
312Max	1111	-2652.27	4SLE R	9.62	1SLU	-0.28	4SLE R	0.15	1SLU
312Max	2112	-1869.30	4SLE R	9.62	1SLU	0.18	1SLU	0.15	1SLU
312Max	2111	-1869.30	4SLE R	9.62	1SLU	-0.12	4SLE R	-0.02	4SLE R
312Min.	1110	-4051.49	1SLU	6.62	4SLE R	-0.05	2SLU	-0.04	1SLU
312Min.	1111	-3978.74	1SLU	6.62	4SLE R	-0.39	1SLU	0.10	4SLE R
312Min.	2112	-2964.75	1SLU	6.62	4SLE R	0.12	4SLE R	0.10	4SLE R
312Min.	2111	-2964.75	1SLU	6.62	4SLE R	-0.18	1SLU	-0.04	1SLU
313Max	1108	-2639.93	4SLE R	-8.93	4SLE R	0.37	1SLU	-0.09	4SLE R
313Max	1109	-2629.57	4SLE R	-8.93	4SLE R	0.06	1SLU	0.03	2SLU
313Max	2110	-1830.36	4SLE R	-8.93	4SLE R	0.16	1SLU	0.03	2SLU
313Max	2109	-1908.24	4SLE R	-8.93	4SLE R	-0.11	4SLE R	-0.09	4SLE R
313Min.	1108	-3965.07	1SLU	-14.96	1SLU	0.23	4SLE R	-0.14	1SLU
313Min.	1109	-3954.60	1SLU	-14.96	1SLU	0.02	4SLE R	0.02	3SLE R
313Min.	2110	-2902.98	1SLU	-14.96	1SLU	0.11	4SLE R	0.02	3SLE R
313Min.	2109	-3026.52	1SLU	-14.96	1SLU	-0.16	1SLU	-0.14	1SLU
314Max	-353	-68.66	4SLE R	0.12	1SLU	-0.33	4SLE R	0.46	1SLU
314Max	1114	-68.27	4SLE R	0.12	1SLU	-0.33	4SLE R	0.46	1SLU
314Max	2115	-26.07	4SLE R	0.12	1SLU	1.21	1SLU	0.46	1SLU
314Max	-354	-25.81	4SLE R	0.12	1SLU	1.21	1SLU	0.46	1SLU
314Min.	-353	-96.49	1SLU	0.09	4SLE R	-0.54	1SLU	0.29	4SLE R
314Min.	1114	-95.91	1SLU	0.09	4SLE R	-0.54	1SLU	0.29	4SLE R
314Min.	2115	-41.10	1SLU	0.09	4SLE R	0.76	4SLE R	0.29	4SLE R
314Min.	-354	-40.74	1SLU	0.09	4SLE R	0.76	4SLE R	0.29	4SLE R
314Max	1114	-1870.79	4SLE R	67.77	1SLU	-8.94	4SLE R	12.39	1SLU
314Max	-230	-1641.88	4SLE R	67.77	1SLU	-9.42	4SLE R	12.77	1SLU
314Max	-309	-680.70	4SLE R	67.77	1SLU	33.11	1SLU	12.77	1SLU
314Max	2115	-552.63	4SLE R	67.77	1SLU	32.40	1SLU	12.39	1SLU
314Min.	1114	-2622.50	1SLU	47.22	4SLE R	-14.43	1SLU	7.74	4SLE R
314Min.	-230	-2287.08	1SLU	47.22	4SLE R	-15.15	1SLU	7.99	4SLE R
314Min.	-309	-1061.70	1SLU	47.22	4SLE R	20.78	4SLE R	7.99	4SLE R
314Min.	2115	-884.74	1SLU	47.22	4SLE R	20.30	4SLE R	7.74	4SLE R
314Max	-235	-1415.09	4SLE R	68.16	1SLU	-10.37	4SLE R	13.52	1SLU
314Max	-238	-1184.67	4SLE R	68.16	1SLU	-10.85	4SLE R	13.90	1SLU
314Max	-314	-224.57	4SLE R	68.16	1SLU	35.25	1SLU	13.90	1SLU
314Max	-312	-95.86	4SLE R	68.16	1SLU	34.54	1SLU	13.52	1SLU
314Min.	-235	-1906.88	1SLU	47.51	4SLE R	-16.58	1SLU	8.49	4SLE R
314Min.	-238	-1569.42	1SLU	47.51	4SLE R	-17.30	1SLU	8.74	4SLE R
314Min.	-314	-345.50	1SLU	47.51	4SLE R	22.20	4SLE R	8.74	4SLE R
314Min.	-312	-167.66	1SLU	47.51	4SLE R	21.72	4SLE R	8.49	4SLE R
314Max	-232	-1567.46	4SLE R	68.06	1SLU	-9.89	4SLE R	13.15	1SLU
314Max	-235	-1337.41	4SLE R	68.06	1SLU	-10.37	4SLE R	13.52	1SLU
314Max	-312	-377.04	4SLE R	68.06	1SLU	34.54	1SLU	13.52	1SLU
314Max	-310	-248.49	4SLE R	68.06	1SLU	33.83	1SLU	13.15	1SLU
314Min.	-232	-2146.03	1SLU	47.43	4SLE R	-15.87	1SLU	8.24	4SLE R
314Min.	-235	-1809.08	1SLU	47.43	4SLE R	-16.58	1SLU	8.49	4SLE R
314Min.	-312	-584.79	1SLU	47.43	4SLE R	21.72	4SLE R	8.49	4SLE R



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314Min.	-310	-407.18	1SLU	47.43	4SLE R	21.25	4SLE R	8.24	4SLE R
314Max	-238	-1262.42	4SLE R	68.22	1SLU	-10.85	4SLE R	13.90	1SLU
314Max	1135	-1030.30	3SLE R	68.22	1SLU	-11.32	4SLE R	14.28	1SLU
314Max	2136	-71.82	4SLE R	68.22	1SLU	35.96	1SLU	14.28	1SLU
314Max	-314	78.98	2SLU	68.22	1SLU	35.25	1SLU	13.90	1SLU
314Min.	-238	-1667.30	1SLU	47.55	4SLE R	-17.30	1SLU	8.74	4SLE R
314Min.	1135	-1331.67	2SLU	47.55	4SLE R	-18.02	1SLU	8.99	4SLE R
314Min.	2136	-105.83	1SLU	47.55	4SLE R	22.67	4SLE R	8.99	4SLE R
314Min.	-314	52.45	3SLE R	47.55	4SLE R	22.20	4SLE R	8.74	4SLE R
314Max	1103	-458.42	4SLE R	5.17	1SLU	-2.14	4SLE R	2.98	1SLU
314Max	-353	-441.86	4SLE R	5.17	1SLU	-2.17	4SLE R	3.01	1SLU
314Max	-354	-179.06	4SLE R	5.17	1SLU	7.86	1SLU	3.01	1SLU
314Max	2104	-168.40	4SLE R	5.17	1SLU	7.82	1SLU	2.98	1SLU
314Min.	1103	-645.44	1SLU	3.60	4SLE R	-3.46	1SLU	1.86	4SLE R
314Min.	-353	-621.25	1SLU	3.60	4SLE R	-3.50	1SLU	1.88	4SLE R
314Min.	-354	-281.46	1SLU	3.60	4SLE R	4.93	4SLE R	1.88	4SLE R
314Min.	2104	-266.56	1SLU	3.60	4SLE R	4.90	4SLE R	1.86	4SLE R
314Max	-230	-1719.39	4SLE R	67.94	1SLU	-9.42	4SLE R	12.77	1SLU
314Max	-232	-1489.85	4SLE R	67.94	1SLU	-9.89	4SLE R	13.15	1SLU
314Max	-310	-529.12	4SLE R	67.94	1SLU	33.83	1SLU	13.15	1SLU
314Max	-309	-400.79	4SLE R	67.94	1SLU	33.11	1SLU	12.77	1SLU
314Min.	-230	-2384.63	1SLU	47.34	4SLE R	-15.15	1SLU	7.99	4SLE R
314Min.	-232	-2048.35	1SLU	47.34	4SLE R	-15.87	1SLU	8.24	4SLE R
314Min.	-310	-823.58	1SLU	47.34	4SLE R	21.25	4SLE R	8.24	4SLE R
314Min.	-309	-646.26	1SLU	47.34	4SLE R	20.78	4SLE R	7.99	4SLE R
315Max	1135	-1512.66	4SLE R	315.00	1SLU	3.84	1SLU	-1.15	4SLE R
315Max	-243	-1061.65	4SLE R	315.00	1SLU	3.41	1SLU	-1.00	4SLE R
315Max	-317	-918.48	4SLE R	315.00	1SLU	-1.41	3SLE R	-1.00	4SLE R
315Max	2136	203.63	1SLU	315.00	1SLU	-1.70	4SLE R	-1.15	4SLE R
315Min.	1135	-2148.00	1SLU	198.38	4SLE R	2.64	4SLE R	-1.65	1SLU
315Min.	-243	-1429.86	1SLU	198.38	4SLE R	2.35	4SLE R	-1.42	1SLU
315Min.	-317	-1459.62	1SLU	198.38	4SLE R	-1.96	2SLU	-1.42	1SLU
315Min.	2136	130.22	4SLE R	198.38	4SLE R	-2.38	1SLU	-1.65	1SLU
315Max	-243	-2409.13	4SLE R	315.01	1SLU	3.41	1SLU	-1.00	4SLE R
315Max	1134	-1958.07	4SLE R	315.01	1SLU	2.98	1SLU	-0.84	4SLE R
315Max	2135	-1814.94	4SLE R	315.01	1SLU	-1.10	3SLE R	-0.84	4SLE R
315Max	-317	-766.21	4SLE R	315.01	1SLU	-1.41	3SLE R	-1.00	4SLE R
315Min.	-243	-3565.59	1SLU	198.38	4SLE R	2.35	4SLE R	-1.42	1SLU
315Min.	1134	-2847.40	1SLU	198.38	4SLE R	2.06	4SLE R	-1.19	1SLU
315Min.	2135	-2877.20	1SLU	198.38	4SLE R	-1.55	2SLU	-1.19	1SLU
315Min.	-317	-1213.91	1SLU	198.38	4SLE R	-1.96	2SLU	-1.42	1SLU
316Max	1133	-2107.03	4SLE R	0.14	1SLU	1.14	1SLU	-0.22	4SLE R
316Max	1132	-2106.95	4SLE R	0.14	1SLU	0.99	1SLU	-0.17	4SLE R
316Max	2133	-1596.69	4SLE R	0.14	1SLU	0.07	1SLU	-0.17	4SLE R
316Max	2134	-1596.69	4SLE R	0.14	1SLU	-0.05	4SLE R	-0.22	4SLE R
316Min.	1133	-3196.32	1SLU	-0.05	2SLU	0.77	4SLE R	-0.32	1SLU
316Min.	1132	-3195.24	1SLU	-0.05	2SLU	0.67	4SLE R	-0.24	1SLU
316Min.	2133	-2532.39	1SLU	-0.05	2SLU	0.05	4SLE R	-0.24	1SLU
316Min.	2134	-2532.39	1SLU	-0.05	2SLU	-0.07	1SLU	-0.32	1SLU
317Max	1131	-2107.01	4SLE R	0.13	1SLU	0.89	1SLU	-0.17	4SLE R
317Max	1130	-2106.97	4SLE R	0.13	1SLU	0.75	1SLU	-0.12	4SLE R
317Max	2131	-1596.69	4SLE R	0.13	1SLU	0.07	1SLU	-0.12	4SLE R
317Max	2132	-1596.69	4SLE R	0.13	1SLU	-0.05	4SLE R	-0.17	4SLE R
317Min.	1131	-3196.29	1SLU	-0.05	2SLU	0.61	4SLE R	-0.26	1SLU
317Min.	1130	-3195.27	1SLU	-0.05	2SLU	0.51	4SLE R	-0.18	1SLU
317Min.	2131	-2532.39	1SLU	-0.05	2SLU	0.05	4SLE R	-0.18	1SLU
317Min.	2132	-2532.39	1SLU	-0.05	2SLU	-0.07	1SLU	-0.26	1SLU
318Max	1129	-2275.40	4SLE R	0.78	1SLU	1.30	1SLU	-0.31	4SLE R
318Max	-242	-2275.54	4SLE R	0.78	1SLU	0.87	1SLU	-0.16	4SLE R
318Max	-316	-1382.40	4SLE R	0.78	1SLU	0.00	4SLE R	-0.16	4SLE R
318Max	2130	-1382.49	4SLE R	0.78	1SLU	-0.29	4SLE R	-0.31	4SLE R
318Min.	1129	-3356.53	1SLU	-0.42	2SLU	0.89	4SLE R	-0.46	1SLU
318Min.	-242	-3352.85	1SLU	-0.42	2SLU	0.60	4SLE R	-0.23	1SLU
318Min.	-316	-2194.86	1SLU	-0.42	2SLU	0.00	1SLU	-0.23	1SLU
318Min.	2130	-2192.66	1SLU	-0.42	2SLU	-0.43	1SLU	-0.46	1SLU
318Max	-242	-2275.45	4SLE R	0.75	3SLE R	0.87	1SLU	-0.16	4SLE R
318Max	1128	-2275.72	4SLE R	0.75	3SLE R	0.43	1SLU	0.00	1SLU
318Max	2129	-1382.49	4SLE R	0.75	3SLE R	0.43	1SLU	0.00	1SLU
318Max	-316	-1382.63	4SLE R	0.75	3SLE R	0.00	4SLE R	-0.16	4SLE R
318Min.	-242	-3354.27	1SLU	-0.46	2SLU	0.60	4SLE R	-0.23	1SLU



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318Min.	1128	-3350.79	1SLU	-0.46	2SLU	0.31	4SLE R	-0.01	4SLE R
318Min.	2129	-2192.66	1SLU	-0.46	2SLU	0.29	4SLE R	-0.01	4SLE R
318Min.	-316	-2190.54	1SLU	-0.46	2SLU	0.00	1SLU	-0.23	1SLU
319Max	1127	-2839.95	4SLE R	0.30	3SLE R	0.46	1SLU	-0.13	4SLE R
319Max	1126	-2840.47	4SLE R	0.30	3SLE R	0.04	4SLE R	0.05	1SLU
319Max	2127	-1947.19	4SLE R	0.30	3SLE R	0.22	1SLU	0.05	1SLU
319Max	2128	-1947.19	4SLE R	0.30	3SLE R	-0.14	4SLE R	-0.13	4SLE R
319Min.	1127	-4250.29	1SLU	-0.27	2SLU	0.33	4SLE R	-0.18	1SLU
319Min.	1126	-4248.14	1SLU	-0.27	2SLU	0.03	1SLU	0.03	4SLE R
319Min.	2127	-3088.28	1SLU	-0.27	2SLU	0.14	4SLE R	0.03	4SLE R
319Min.	2128	-3088.28	1SLU	-0.27	2SLU	-0.22	1SLU	-0.18	1SLU
320Max	1125	-2676.93	4SLE R	0.22	3SLE R	-0.02	4SLE R	-0.03	3SLE R
320Max	1124	-2677.62	4SLE R	0.22	3SLE R	-0.25	4SLE R	0.16	1SLU
320Max	2125	-1869.30	4SLE R	0.22	3SLE R	0.18	1SLU	0.16	1SLU
320Max	2126	-1869.30	4SLE R	0.22	3SLE R	-0.12	4SLE R	-0.03	3SLE R
320Min.	1125	-4015.84	1SLU	-0.27	2SLU	-0.06	1SLU	-0.03	2SLU
320Min.	1124	-4014.40	1SLU	-0.27	2SLU	-0.41	1SLU	0.10	4SLE R
320Min.	2125	-2964.75	1SLU	-0.27	2SLU	0.12	4SLE R	0.10	4SLE R
320Min.	2126	-2964.75	1SLU	-0.27	2SLU	-0.18	1SLU	-0.03	2SLU
321Max	1123	-2269.69	4SLE R	0.11	3SLE R	-0.24	4SLE R	0.08	1SLU
321Max	1122	-2270.17	4SLE R	0.11	3SLE R	-0.37	4SLE R	0.18	1SLU
321Max	2123	-1674.58	4SLE R	0.11	3SLE R	0.10	1SLU	0.18	1SLU
321Max	2124	-1674.58	4SLE R	0.11	3SLE R	-0.06	4SLE R	0.08	1SLU
321Min.	1123	-3430.20	1SLU	-0.17	2SLU	-0.39	1SLU	0.05	4SLE R
321Min.	1122	-3429.55	1SLU	-0.17	2SLU	-0.58	1SLU	0.11	4SLE R
321Min.	2123	-2655.92	1SLU	-0.17	2SLU	0.06	4SLE R	0.11	4SLE R
321Min.	2124	-2655.92	1SLU	-0.17	2SLU	-0.10	1SLU	0.05	4SLE R
322Max	1121	-3547.37	4SLE R	365.42	1SLU	-0.58	4SLE R	0.19	1SLU
322Max	1120	-3014.44	4SLE R	365.42	1SLU	-0.81	4SLE R	0.38	1SLU
322Max	2121	-3076.56	4SLE R	365.42	1SLU	0.18	1SLU	0.38	1SLU
322Max	2122	-1869.30	4SLE R	365.42	1SLU	-0.12	4SLE R	0.19	1SLU
322Min.	1121	-5396.40	1SLU	230.18	4SLE R	-0.91	1SLU	0.12	4SLE R
322Min.	1120	-4548.58	1SLU	230.18	4SLE R	-1.26	1SLU	0.25	4SLE R
322Min.	2121	-4879.48	1SLU	230.18	4SLE R	0.12	4SLE R	0.25	4SLE R
322Min.	2122	-2964.75	1SLU	230.18	4SLE R	-0.18	1SLU	0.12	4SLE R
323Max	1119	-1764.83	4SLE R	-466.36	4SLE R	-1.06	4SLE R	0.32	2SLU
323Max	1118	-2836.47	4SLE R	-466.36	4SLE R	-1.32	4SLE R	0.52	2SLU
323Max	2119	-223.13	4SLE R	-466.36	4SLE R	0.06	2SLU	0.52	2SLU
323Max	2120	-2677.17	4SLE R	-466.36	4SLE R	-0.25	4SLE R	0.32	2SLU
323Min.	1119	-2556.87	1SLU	-739.48	1SLU	-1.58	1SLU	0.19	3SLE R
323Min.	1118	-4254.09	1SLU	-739.48	1SLU	-1.97	1SLU	0.34	3SLE R
323Min.	2119	-353.22	1SLU	-739.48	1SLU	-0.09	1SLU	0.34	3SLE R
323Min.	2120	-4246.43	1SLU	-739.48	1SLU	-0.49	1SLU	0.19	3SLE R
324Max	-234	-935.44	3SLE R	20.10	2SLU	-28.21	4SLE R	34.94	1SLU
324Max	1117	-811.82	3SLE R	20.10	2SLU	-28.62	4SLE R	35.26	1SLU
324Max	2118	281.81	1SLU	20.10	2SLU	88.09	1SLU	35.26	1SLU
324Max	-311	252.04	1SLU	20.10	2SLU	87.47	1SLU	34.94	1SLU
324Min.	-234	-1228.08	2SLU	13.32	3SLE R	-44.59	1SLU	22.07	4SLE R
324Min.	1117	-1060.86	2SLU	13.32	3SLE R	-45.21	1SLU	22.28	4SLE R
324Min.	2118	176.55	4SLE R	13.32	3SLE R	55.62	4SLE R	22.28	4SLE R
324Min.	-311	163.33	4SLE R	13.32	3SLE R	55.20	4SLE R	22.07	4SLE R
324Max	-240	-1344.24	4SLE R	20.14	2SLU	-27.38	4SLE R	34.28	1SLU
324Max	-237	-1226.61	4SLE R	20.14	2SLU	-27.80	4SLE R	34.61	1SLU
324Max	-313	-215.71	4SLE R	20.14	2SLU	86.85	1SLU	34.61	1SLU
324Max	-315	-228.88	4SLE R	20.14	2SLU	86.23	1SLU	34.28	1SLU
324Min.	-240	-1822.11	1SLU	13.34	3SLE R	-43.34	1SLU	21.63	4SLE R
324Min.	-237	-1645.52	1SLU	13.34	3SLE R	-43.97	1SLU	21.85	4SLE R
324Min.	-313	-336.90	1SLU	13.34	3SLE R	54.79	4SLE R	21.85	4SLE R
324Min.	-315	-366.61	1SLU	13.34	3SLE R	54.38	4SLE R	21.63	4SLE R
324Max	1118	-1540.52	4SLE R	20.16	2SLU	-26.97	4SLE R	33.95	1SLU
324Max	-240	-1422.81	4SLE R	20.16	2SLU	-27.38	4SLE R	34.28	1SLU
324Max	-315	-411.97	4SLE R	20.16	2SLU	86.23	1SLU	34.28	1SLU
324Max	2119	-425.11	4SLE R	20.16	2SLU	85.61	1SLU	33.95	1SLU
324Min.	1118	-2131.67	1SLU	13.36	3SLE R	-42.72	1SLU	21.41	4SLE R
324Min.	-240	-1954.96	1SLU	13.36	3SLE R	-43.34	1SLU	21.63	4SLE R
324Min.	-315	-646.42	1SLU	13.36	3SLE R	54.38	4SLE R	21.63	4SLE R
324Min.	2119	-676.09	1SLU	13.36	3SLE R	53.97	4SLE R	21.41	4SLE R
324Max	-237	-1148.05	4SLE R	20.12	2SLU	-27.80	4SLE R	34.61	1SLU
324Max	-234	-1030.49	4SLE R	20.12	2SLU	-28.21	4SLE R	34.94	1SLU
324Max	-311	-18.89	3SLE R	20.12	2SLU	87.47	1SLU	34.94	1SLU



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324	Max	-313	-32.74	4	SLE R	20.12	2	SLU	86.85	1	SLU	34.61	1	SLU
324	Min.	-237	-1512.68	1	SLU	13.33	3	SLE R	-43.97	1	SLU	21.85	4	SLE R
324	Min.	-234	-1336.18	1	SLU	13.33	3	SLE R	-44.59	1	SLU	22.07	4	SLE R
324	Min.	-311	-28.49	2	SLU	13.33	3	SLE R	55.20	4	SLE R	22.07	4	SLE R
324	Min.	-313	-57.24	1	SLU	13.33	3	SLE R	54.79	4	SLE R	21.85	4	SLE R
325	Max	-213	-2466.52	4	SLE R	-54.84	4	SLE R	-6.52	4	SLE R	9.14	1	SLU
325	Max	-217	-2601.43	4	SLE R	-54.84	4	SLE R	-6.78	4	SLE R	9.35	1	SLU
325	Max	-299	-1320.37	4	SLE R	-54.84	4	SLE R	24.52	1	SLU	9.35	1	SLU
325	Max	-296	-1600.08	4	SLE R	-54.84	4	SLE R	24.13	1	SLU	9.14	1	SLU
325	Min.	-213	-3606.69	1	SLU	-86.09	1	SLU	-10.43	1	SLU	5.76	4	SLE R
325	Min.	-217	-3818.90	1	SLU	-86.09	1	SLU	-10.82	1	SLU	5.90	4	SLE R
325	Min.	-299	-2097.58	1	SLU	-86.09	1	SLU	15.52	4	SLE R	5.90	4	SLE R
325	Min.	-296	-2536.25	1	SLU	-86.09	1	SLU	15.26	4	SLE R	5.76	4	SLE R
325	Max	1107	-670.40	4	SLE R	-6.37	4	SLE R	-2.83	4	SLE R	3.78	1	SLU
325	Max	1116	-687.83	4	SLE R	-6.37	4	SLE R	-2.85	4	SLE R	3.80	1	SLU
325	Max	2117	-408.61	4	SLE R	-6.37	4	SLE R	9.82	1	SLU	3.80	1	SLU
325	Max	2108	-439.32	4	SLE R	-6.37	4	SLE R	9.78	1	SLU	3.78	1	SLU
325	Min.	1107	-972.83	1	SLU	-10.00	1	SLU	-4.49	1	SLU	2.39	4	SLE R
325	Min.	1116	-1000.23	1	SLU	-10.00	1	SLU	-4.53	1	SLU	2.40	4	SLE R
325	Min.	2117	-630.74	1	SLU	-10.00	1	SLU	6.22	4	SLE R	2.40	4	SLE R
325	Min.	2108	-678.92	1	SLU	-10.00	1	SLU	6.20	4	SLE R	2.39	4	SLE R
325	Max	-220	-2032.15	4	SLE R	-54.84	4	SLE R	-7.04	4	SLE R	9.56	1	SLU
325	Max	1107	-2167.06	4	SLE R	-54.84	4	SLE R	-7.30	4	SLE R	9.76	1	SLU
325	Max	2108	-886.00	4	SLE R	-54.84	4	SLE R	25.30	1	SLU	9.76	1	SLU
325	Max	-301	-1165.69	4	SLE R	-54.84	4	SLE R	24.91	1	SLU	9.56	1	SLU
325	Min.	-220	-2927.36	1	SLU	-86.09	1	SLU	-11.21	1	SLU	6.04	4	SLE R
325	Min.	1107	-3139.56	1	SLU	-86.09	1	SLU	-11.61	1	SLU	6.17	4	SLE R
325	Min.	2108	-1418.26	1	SLU	-86.09	1	SLU	16.04	4	SLE R	6.17	4	SLE R
325	Min.	-301	-1856.89	1	SLU	-86.09	1	SLU	15.78	4	SLE R	6.04	4	SLE R
325	Max	1081	-2683.75	4	SLE R	-54.85	4	SLE R	-6.26	4	SLE R	8.94	1	SLU
325	Max	-213	-2818.68	4	SLE R	-54.85	4	SLE R	-6.52	4	SLE R	9.14	1	SLU
325	Max	-296	-1537.60	4	SLE R	-54.85	4	SLE R	24.13	1	SLU	9.14	1	SLU
325	Max	2082	-1817.32	4	SLE R	-54.85	4	SLE R	23.74	1	SLU	8.94	1	SLU
325	Min.	1081	-3946.43	1	SLU	-86.10	1	SLU	-10.04	1	SLU	5.62	4	SLE R
325	Min.	-213	-4158.66	1	SLU	-86.10	1	SLU	-10.43	1	SLU	5.76	4	SLE R
325	Min.	-296	-2437.32	1	SLU	-86.10	1	SLU	15.26	4	SLE R	5.76	4	SLE R
325	Min.	2082	-2876.01	1	SLU	-86.10	1	SLU	15.00	4	SLE R	5.62	4	SLE R
325	Max	-217	-2249.35	4	SLE R	-54.84	4	SLE R	-6.78	4	SLE R	9.35	1	SLU
325	Max	-220	-2384.25	4	SLE R	-54.84	4	SLE R	-7.04	4	SLE R	9.56	1	SLU
325	Max	-301	-1103.19	4	SLE R	-54.84	4	SLE R	24.91	1	SLU	9.56	1	SLU
325	Max	-299	-1382.89	4	SLE R	-54.84	4	SLE R	24.52	1	SLU	9.35	1	SLU
325	Min.	-217	-3267.04	1	SLU	-86.09	1	SLU	-10.82	1	SLU	5.90	4	SLE R
325	Min.	-220	-3479.24	1	SLU	-86.09	1	SLU	-11.21	1	SLU	6.04	4	SLE R
325	Min.	-301	-1757.93	1	SLU	-86.09	1	SLU	15.78	4	SLE R	6.04	4	SLE R
325	Min.	-299	-2196.58	1	SLU	-86.09	1	SLU	15.52	4	SLE R	5.90	4	SLE R
326	Max	1104	-2554.36	4	SLE R	436.00	1	SLU	-2.12	4	SLE R	2.05	1	SLU
326	Max	1101	-1890.86	4	SLE R	436.00	1	SLU	-2.32	4	SLE R	2.21	1	SLU
326	Max	2102	-2000.70	4	SLE R	436.00	1	SLU	4.87	1	SLU	2.21	1	SLU
326	Max	2105	-573.43	4	SLE R	436.00	1	SLU	4.57	1	SLU	2.05	1	SLU
326	Min.	1104	-3783.32	1	SLU	276.56	4	SLE R	-3.18	1	SLU	1.36	4	SLE R
326	Min.	1101	-2739.07	1	SLU	276.56	4	SLE R	-3.48	1	SLU	1.46	4	SLE R
326	Min.	2102	-3170.92	1	SLU	276.56	4	SLE R	3.20	4	SLE R	1.46	4	SLE R
326	Min.	2105	-919.04	1	SLU	276.56	4	SLE R	3.01	4	SLE R	1.36	4	SLE R
326	Max	1115	-531.50	4	SLE R	44.00	1	SLU	-0.77	4	SLE R	0.75	1	SLU
326	Max	1104	-458.04	4	SLE R	44.00	1	SLU	-0.78	4	SLE R	0.76	1	SLU
326	Max	2105	-350.93	4	SLE R	44.00	1	SLU	1.69	1	SLU	0.76	1	SLU
326	Max	2116	-213.36	4	SLE R	44.00	1	SLU	1.67	1	SLU	0.75	1	SLU
326	Min.	1115	-765.35	1	SLU	27.91	4	SLE R	-1.15	1	SLU	0.49	4	SLE R
326	Min.	1104	-649.69	1	SLU	27.91	4	SLE R	-1.18	1	SLU	0.50	4	SLE R
326	Min.	2105	-539.62	1	SLU	27.91	4	SLE R	1.11	4	SLE R	0.50	4	SLE R
326	Min.	2116	-322.60	1	SLU	27.91	4	SLE R	1.10	4	SLE R	0.49	4	SLE R
327	Max	1087	-2766.53	4	SLE R	8.19	1	SLU	-0.66	4	SLE R	0.23	1	SLU
327	Max	1085	-2726.17	4	SLE R	8.19	1	SLU	-0.80	4	SLE R	0.34	1	SLU
327	Max	2086	-1980.90	4	SLE R	8.19	1	SLU	0.10	1	SLU	0.34	1	SLU
327	Max	2088	-1980.90	4	SLE R	8.19	1	SLU	-0.07	4	SLE R	0.23	1	SLU
327	Min.	1087	-4167.80	1	SLU	5.34	4	SLE R	-0.97	1	SLU	0.16	4	SLE R
327	Min.	1085	-4105.87	1	SLU	5.34	4	SLE R	-1.17	1	SLU	0.23	4	SLE R
327	Min.	2086	-3141.75	1	SLU	5.34	4	SLE R	0.07	4	SLE R	0.23	4	SLE R
327	Min.	2088	-3141.75	1	SLU	5.34	4	SLE R	-0.10	1	SLU	0.16	4	SLE R
328	Max	1107	-2050.21	4	SLE R	210.59	1	SLU	-1.90	4	SLE R	2.17	1	SLU



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328Max	1106	-1768.25	4SLE R	210.59	1SLU	-2.06	4SLE R	2.29	1SLU
328Max	2107	-1421.16	4SLE R	210.59	1SLU	5.45	1SLU	2.29	1SLU
328Max	2108	-696.30	4SLE R	210.59	1SLU	5.20	1SLU	2.17	1SLU
328Min.	1107	-3013.38	1SLU	133.18	4SLE R	-2.98	1SLU	1.38	4SLE R
328Min.	1106	-2564.50	1SLU	133.18	4SLE R	-3.23	1SLU	1.46	4SLE R
328Min.	2107	-2254.86	1SLU	133.18	4SLE R	3.48	4SLE R	1.46	4SLE R
328Min.	2108	-1111.72	1SLU	133.18	4SLE R	3.32	4SLE R	1.38	4SLE R
329Max	1105	-2280.41	4SLE R	-49.70	4SLE R	-13.55	4SLE R	16.58	1SLU
329Max	-223	-2426.23	4SLE R	-49.70	4SLE R	-13.81	4SLE R	16.79	1SLU
329Max	-304	-1153.98	4SLE R	-49.70	4SLE R	41.68	1SLU	16.79	1SLU
329Max	2106	-1383.89	4SLE R	-49.70	4SLE R	41.28	1SLU	16.58	1SLU
329Min.	1105	-3312.98	1SLU	-75.22	1SLU	-21.41	1SLU	10.50	4SLE R
329Min.	-223	-3531.38	1SLU	-75.22	1SLU	-21.80	1SLU	10.63	4SLE R
329Min.	-304	-1837.33	1SLU	-75.22	1SLU	26.38	4SLE R	10.63	4SLE R
329Min.	2106	-2187.62	1SLU	-75.22	1SLU	26.12	4SLE R	10.50	4SLE R
329Max	-223	-2154.30	4SLE R	-49.71	4SLE R	-13.81	4SLE R	16.79	1SLU
329Max	-222	-2300.18	4SLE R	-49.71	4SLE R	-14.07	4SLE R	17.00	1SLU
329Max	-303	-1027.89	4SLE R	-49.71	4SLE R	42.07	1SLU	17.00	1SLU
329Max	-304	-1257.81	4SLE R	-49.71	4SLE R	41.68	1SLU	16.79	1SLU
329Min.	-223	-3115.14	1SLU	-75.24	1SLU	-21.80	1SLU	10.63	4SLE R
329Min.	-222	-3333.62	1SLU	-75.24	1SLU	-22.19	1SLU	10.77	4SLE R
329Min.	-303	-1639.51	1SLU	-75.24	1SLU	26.64	4SLE R	10.77	4SLE R
329Min.	-304	-1989.84	1SLU	-75.24	1SLU	26.38	4SLE R	10.63	4SLE R
329Max	-221	-1902.24	4SLE R	-49.73	4SLE R	-14.33	4SLE R	17.21	1SLU
329Max	1104	-2048.21	4SLE R	-49.73	4SLE R	-14.59	4SLE R	17.42	1SLU
329Max	2105	-775.86	4SLE R	-49.73	4SLE R	42.86	1SLU	17.42	1SLU
329Max	-302	-1005.81	4SLE R	-49.73	4SLE R	42.46	1SLU	17.21	1SLU
329Min.	-221	-2719.72	1SLU	-75.26	1SLU	-22.58	1SLU	10.91	4SLE R
329Min.	1104	-2938.31	1SLU	-75.26	1SLU	-22.97	1SLU	11.05	4SLE R
329Min.	2105	-1244.13	1SLU	-75.26	1SLU	27.17	4SLE R	11.05	4SLE R
329Min.	-302	-1594.49	1SLU	-75.26	1SLU	26.91	4SLE R	10.91	4SLE R
329Max	-222	-2028.24	4SLE R	-49.72	4SLE R	-14.07	4SLE R	17.00	1SLU
329Max	-221	-2174.17	4SLE R	-49.72	4SLE R	-14.33	4SLE R	17.21	1SLU
329Max	-302	-901.85	4SLE R	-49.72	4SLE R	42.46	1SLU	17.21	1SLU
329Max	-303	-1131.79	4SLE R	-49.72	4SLE R	42.07	1SLU	17.00	1SLU
329Min.	-222	-2917.39	1SLU	-75.25	1SLU	-22.19	1SLU	10.77	4SLE R
329Min.	-221	-3135.94	1SLU	-75.25	1SLU	-22.58	1SLU	10.91	4SLE R
329Min.	-302	-1441.79	1SLU	-75.25	1SLU	26.91	4SLE R	10.91	4SLE R
329Min.	-303	-1792.14	1SLU	-75.25	1SLU	26.64	4SLE R	10.77	4SLE R
330Max	1079	-2754.27	3SLE R	143.66	1SLU	-0.67	3SLE R	1.81	2SLU
330Max	1083	-2415.81	3SLE R	143.66	1SLU	-0.86	3SLE R	1.94	2SLU
330Max	2084	-2116.15	4SLE R	143.66	1SLU	6.03	2SLU	1.94	2SLU
330Max	2080	-1687.88	3SLE R	143.66	1SLU	5.79	2SLU	1.81	2SLU
330Min.	1079	-3798.18	2SLU	92.29	4SLE R	-1.06	2SLU	1.25	3SLE R
330Min.	1083	-3367.15	2SLU	92.29	4SLE R	-1.30	2SLU	1.35	3SLE R
330Min.	2084	-2977.84	1SLU	92.29	4SLE R	4.24	3SLE R	1.35	3SLE R
330Min.	2080	-2426.34	2SLU	92.29	4SLE R	4.06	3SLE R	1.25	3SLE R
331Max	-218	-1539.45	4SLE R	-91.96	4SLE R	6.82	1SLU	-2.82	4SLE R
331Max	1100	-1610.79	4SLE R	-91.96	4SLE R	6.42	1SLU	-2.68	4SLE R
331Max	2101	-412.70	4SLE R	-91.96	4SLE R	-6.02	4SLE R	-2.68	4SLE R
331Max	-300	-1036.54	4SLE R	-91.96	4SLE R	-6.29	4SLE R	-2.82	4SLE R
331Min.	-218	-2191.10	1SLU	-151.20	1SLU	4.39	4SLE R	-4.45	1SLU
331Min.	1100	-2328.54	1SLU	-151.20	1SLU	4.12	4SLE R	-4.24	1SLU
331Min.	2101	-651.37	1SLU	-151.20	1SLU	-9.60	1SLU	-4.24	1SLU
331Min.	-300	-1656.97	1SLU	-151.20	1SLU	-10.00	1SLU	-4.45	1SLU
331Max	1086	-2368.08	4SLE R	-91.98	4SLE R	7.22	1SLU	-2.96	4SLE R
331Max	-218	-2439.54	4SLE R	-91.98	4SLE R	6.82	1SLU	-2.82	4SLE R
331Max	-300	-1241.36	4SLE R	-91.98	4SLE R	-6.29	4SLE R	-2.82	4SLE R
331Max	2087	-1865.26	4SLE R	-91.98	4SLE R	-6.55	4SLE R	-2.96	4SLE R
331Min.	1086	-3493.18	1SLU	-151.23	1SLU	4.65	4SLE R	-4.66	1SLU
331Min.	-218	-3630.78	1SLU	-151.23	1SLU	4.39	4SLE R	-4.45	1SLU
331Min.	-300	-1953.49	1SLU	-151.23	1SLU	-10.00	1SLU	-4.45	1SLU
331Min.	2087	-2959.17	1SLU	-151.23	1SLU	-10.39	1SLU	-4.66	1SLU
332Max	1100	-1080.49	4SLE R	-91.98	4SLE R	-2.38	4SLE R	6.39	1SLU
332Max	1099	-1347.61	4SLE R	-91.98	4SLE R	-2.72	4SLE R	6.66	1SLU
332Max	2100	-21.87	4SLE R	-91.98	4SLE R	20.39	1SLU	6.66	1SLU
332Max	2101	-450.08	4SLE R	-91.98	4SLE R	19.87	1SLU	6.39	1SLU
332Min.	1100	-1440.87	1SLU	-145.26	1SLU	-4.27	1SLU	3.88	4SLE R
332Min.	1099	-1855.34	1SLU	-145.26	1SLU	-4.79	1SLU	4.07	4SLE R
332Min.	2100	-34.77	1SLU	-145.26	1SLU	12.65	4SLE R	4.07	4SLE R



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332Min.	2101	-718.45	1SLU	-145.26	1SLU	12.31	4SLE R	3.88	4SLE R
333Max	1098	-226.98	3SLE R	-0.68	4SLE R	1.20	1SLU	-0.21	4SLE R
333Max	1097	-232.21	4SLE R	-0.68	4SLE R	1.17	1SLU	-0.20	4SLE R
333Max	2098	0.00	1SLU	-0.68	4SLE R	0.01	1SLU	-0.20	4SLE R
333Max	2099	0.00	4SLE R	-0.68	4SLE R	-0.01	4SLE R	-0.21	4SLE R
333Min.	1098	-294.88	2SLU	-1.00	1SLU	0.80	4SLE R	-0.32	1SLU
333Min.	1097	-302.29	1SLU	-1.00	1SLU	0.78	4SLE R	-0.31	1SLU
333Min.	2098	0.00	4SLE R	-1.00	1SLU	0.01	4SLE R	-0.31	1SLU
333Min.	2099	0.00	1SLU	-1.00	1SLU	-0.01	1SLU	-0.32	1SLU
334Max	1096	-226.98	3SLE R	-0.68	4SLE R	1.11	1SLU	-0.20	4SLE R
334Max	1095	-232.21	4SLE R	-0.68	4SLE R	1.08	1SLU	-0.19	4SLE R
334Max	2096	0.00	4SLE R	-0.68	4SLE R	0.01	1SLU	-0.19	4SLE R
334Max	2097	0.00	1SLU	-0.68	4SLE R	-0.01	4SLE R	-0.20	4SLE R
334Min.	1096	-294.89	2SLU	-0.99	1SLU	0.74	4SLE R	-0.30	1SLU
334Min.	1095	-302.28	1SLU	-0.99	1SLU	0.72	4SLE R	-0.28	1SLU
334Min.	2096	0.00	1SLU	-0.99	1SLU	0.01	4SLE R	-0.28	1SLU
334Min.	2097	0.00	4SLE R	-0.99	1SLU	-0.01	1SLU	-0.30	1SLU
335Max	1094	-226.99	3SLE R	-0.68	4SLE R	1.02	1SLU	-0.18	4SLE R
335Max	1093	-232.20	4SLE R	-0.68	4SLE R	0.99	1SLU	-0.17	4SLE R
335Max	2094	0.00	4SLE R	-0.68	4SLE R	0.01	1SLU	-0.17	4SLE R
335Max	2095	0.00	1SLU	-0.68	4SLE R	-0.01	4SLE R	-0.18	4SLE R
335Min.	1094	-294.90	2SLU	-0.99	1SLU	0.68	4SLE R	-0.27	1SLU
335Min.	1093	-302.27	1SLU	-0.99	1SLU	0.66	4SLE R	-0.26	1SLU
335Min.	2094	0.00	1SLU	-0.99	1SLU	0.01	4SLE R	-0.26	1SLU
335Min.	2095	0.00	4SLE R	-0.99	1SLU	-0.01	1SLU	-0.27	1SLU
336Max	1091	-938.22	4SLE R	-261.22	4SLE R	1.00	1SLU	1.50	2SLU
336Max	1090	-1575.60	4SLE R	-261.22	4SLE R	0.35	1SLU	1.82	2SLU
336Max	2091	733.22	2SLU	-261.22	4SLE R	7.10	1SLU	1.82	2SLU
336Max	2092	-819.98	4SLE R	-261.22	4SLE R	6.44	1SLU	1.50	2SLU
336Min.	1091	-1243.73	1SLU	-397.47	1SLU	0.52	4SLE R	1.04	3SLE R
336Min.	1090	-2208.94	1SLU	-397.47	1SLU	0.09	4SLE R	1.29	3SLE R
336Min.	2091	515.87	3SLE R	-397.47	1SLU	5.05	4SLE R	1.29	3SLE R
336Min.	2092	-1308.82	1SLU	-397.47	1SLU	4.62	4SLE R	1.04	3SLE R
336Max	1092	-1283.42	4SLE R	-140.01	4SLE R	0.99	1SLU	0.88	2SLU
336Max	1091	-1648.65	4SLE R	-140.01	4SLE R	0.68	1SLU	1.03	2SLU
336Max	2092	-362.45	4SLE R	-140.01	4SLE R	4.41	1SLU	1.03	2SLU
336Max	2093	-1055.72	4SLE R	-140.01	4SLE R	4.10	2SLU	0.88	2SLU
336Min.	1092	-1834.48	1SLU	-213.04	1SLU	0.56	4SLE R	0.60	3SLE R
336Min.	1091	-2388.02	1SLU	-213.04	1SLU	0.35	4SLE R	0.71	3SLE R
336Min.	2092	-598.71	1SLU	-213.04	1SLU	3.16	4SLE R	0.71	3SLE R
336Min.	2093	-1655.74	1SLU	-213.04	1SLU	2.95	3SLE R	0.60	3SLE R
337Max	1089	-1430.04	4SLE R	174.76	1SLU	5.51	1SLU	-1.76	4SLE R
337Max	1088	-1263.90	4SLE R	174.76	1SLU	4.96	1SLU	-1.56	4SLE R
337Max	2089	-645.17	4SLE R	174.76	1SLU	-2.60	4SLE R	-1.56	4SLE R
337Max	2090	-6.83	3SLE R	174.76	1SLU	-2.97	4SLE R	-1.76	4SLE R
337Min.	1089	-1994.48	1SLU	106.31	4SLE R	3.67	4SLE R	-2.65	1SLU
337Min.	1088	-1709.28	1SLU	106.31	4SLE R	3.31	4SLE R	-2.35	1SLU
337Min.	2089	-1043.08	1SLU	106.31	4SLE R	-3.94	1SLU	-2.35	1SLU
337Min.	2090	-8.23	2SLU	106.31	4SLE R	-4.50	1SLU	-2.65	1SLU
338Max	1072	-605.88	4SLE R	22.42	1SLU	1.47	1SLU	-0.47	4SLE R
338Max	1071	-585.83	4SLE R	22.42	1SLU	1.39	1SLU	-0.44	4SLE R
338Max	2072	-168.64	4SLE R	22.42	1SLU	-0.73	4SLE R	-0.44	4SLE R
338Max	2073	-87.52	4SLE R	22.42	1SLU	-0.78	4SLE R	-0.47	4SLE R
338Min.	1072	-847.50	1SLU	13.38	4SLE R	0.98	4SLE R	-0.70	1SLU
338Min.	1071	-811.34	1SLU	13.38	4SLE R	0.93	4SLE R	-0.66	1SLU
338Min.	2072	-287.99	1SLU	13.38	4SLE R	-1.11	1SLU	-0.66	1SLU
338Min.	2073	-154.63	1SLU	13.38	4SLE R	-1.18	1SLU	-0.70	1SLU
339Max	2028	-1580.49	4SLE R	-47.53	4SLE R	-85.51	3SLE R	67.89	2SLU
339Max	-251	-1737.74	4SLE R	-47.53	4SLE R	-85.40	3SLE R	67.80	2SLU
339Max	-320	-738.64	4SLE R	-47.53	4SLE R	112.10	1SLU	67.80	2SLU
339Max	3018	-907.47	4SLE R	-47.53	4SLE R	112.23	1SLU	67.89	2SLU
339Min.	2028	-2220.82	1SLU	-67.92	1SLU	-121.44	2SLU	48.33	3SLE R
339Min.	-251	-2447.44	1SLU	-67.92	1SLU	-121.28	2SLU	48.27	3SLE R
339Min.	-320	-1127.60	1SLU	-67.92	1SLU	79.61	4SLE R	48.27	3SLE R
339Min.	3018	-1366.90	1SLU	-67.92	1SLU	79.74	4SLE R	48.33	3SLE R
339Max	-251	-1563.15	4SLE R	-47.54	4SLE R	-85.40	3SLE R	67.80	2SLU
339Max	-248	-1720.42	4SLE R	-47.54	4SLE R	-85.29	3SLE R	67.71	2SLU
339Max	-319	-721.31	4SLE R	-47.54	4SLE R	111.97	1SLU	67.71	2SLU
339Max	-320	-890.14	4SLE R	-47.54	4SLE R	112.10	1SLU	67.80	2SLU
339Min.	-251	-2201.84	1SLU	-67.92	1SLU	-121.28	2SLU	48.27	3SLE R



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339Min.	-248	-2428.48	1SLU	-67.92	1SLU	-121.13	2SLU	48.21	3SLE R
339Min.	-319	-1108.63	1SLU	-67.92	1SLU	79.49	4SLE R	48.21	3SLE R
339Min.	-320	-1347.93	1SLU	-67.92	1SLU	79.61	4SLE R	48.27	3SLE R
339Max	-263	-2037.44	4SLE R	-67.89	4SLE R	-108.75	3SLE R	86.35	2SLU
339Max	2030	-2260.95	4SLE R	-67.89	4SLE R	-108.58	3SLE R	86.21	2SLU
339Max	3019	-966.92	4SLE R	-67.89	4SLE R	142.49	1SLU	86.21	2SLU
339Max	-331	-1209.16	4SLE R	-67.89	4SLE R	142.70	1SLU	86.35	2SLU
339Min.	-263	-2848.90	1SLU	-97.02	1SLU	-154.46	2SLU	61.48	3SLE R
339Min.	2030	-3171.41	1SLU	-97.02	1SLU	-154.21	2SLU	61.38	3SLE R
339Min.	3019	-1459.12	1SLU	-97.02	1SLU	101.27	4SLE R	61.38	3SLE R
339Min.	-331	-1802.18	1SLU	-97.02	1SLU	101.47	4SLE R	61.48	3SLE R
339Max	2030	-1333.59	4SLE R	-34.96	4SLE R	-71.14	3SLE R	56.48	2SLU
339Max	2028	-1449.50	4SLE R	-34.96	4SLE R	-71.06	3SLE R	56.42	2SLU
339Max	3018	-635.01	4SLE R	-34.96	4SLE R	93.27	1SLU	56.42	2SLU
339Max	3019	-758.93	4SLE R	-34.96	4SLE R	93.36	1SLU	56.48	2SLU
339Min.	2030	-1870.13	1SLU	-49.95	1SLU	-101.03	2SLU	40.21	3SLE R
339Min.	2028	-2037.06	1SLU	-49.95	1SLU	-100.92	2SLU	40.17	3SLE R
339Min.	3018	-962.79	1SLU	-49.95	1SLU	66.27	4SLE R	40.17	3SLE R
339Min.	3019	-1138.50	1SLU	-49.95	1SLU	66.35	4SLE R	40.21	3SLE R
339Max	-269	-2065.59	4SLE R	-67.88	4SLE R	-108.93	3SLE R	86.50	2SLU
339Max	-263	-2289.04	4SLE R	-67.88	4SLE R	-108.75	3SLE R	86.35	2SLU
339Max	-331	-995.04	4SLE R	-67.88	4SLE R	142.70	1SLU	86.35	2SLU
339Max	-334	-1237.27	4SLE R	-67.88	4SLE R	142.91	1SLU	86.50	2SLU
339Min.	-269	-2879.83	1SLU	-97.01	1SLU	-154.70	2SLU	61.58	3SLE R
339Min.	-263	-3202.27	1SLU	-97.01	1SLU	-154.46	2SLU	61.48	3SLE R
339Min.	-331	-1490.02	1SLU	-97.01	1SLU	101.47	4SLE R	61.48	3SLE R
339Min.	-334	-1833.08	1SLU	-97.01	1SLU	101.67	4SLE R	61.58	3SLE R
339Max	2017	-1891.13	4SLE R	-66.18	4SLE R	-106.09	3SLE R	84.22	2SLU
339Max	2001	-2109.18	4SLE R	-66.18	4SLE R	-105.93	3SLE R	84.08	2SLU
339Max	3004	-840.31	4SLE R	-66.18	4SLE R	139.09	1SLU	84.08	2SLU
339Max	3012	-1076.28	4SLE R	-66.18	4SLE R	139.29	1SLU	84.22	2SLU
339Min.	2017	-2677.69	1SLU	-94.58	1SLU	-150.67	2SLU	59.96	3SLE R
339Min.	2001	-2992.28	1SLU	-94.58	1SLU	-150.44	2SLU	59.87	3SLE R
339Min.	3004	-1313.46	1SLU	-94.58	1SLU	98.65	4SLE R	59.87	3SLE R
339Min.	3012	-1647.67	1SLU	-94.58	1SLU	98.85	4SLE R	59.96	3SLE R
339Max	-248	-1545.85	4SLE R	-47.53	4SLE R	-85.29	3SLE R	67.71	2SLU
339Max	2017	-1703.12	4SLE R	-47.53	4SLE R	-85.18	3SLE R	67.62	2SLU
339Max	3012	-704.01	4SLE R	-47.53	4SLE R	111.83	1SLU	67.62	2SLU
339Max	-319	-872.83	4SLE R	-47.53	4SLE R	111.97	1SLU	67.71	2SLU
339Min.	-248	-2182.90	1SLU	-67.92	1SLU	-121.13	2SLU	48.21	3SLE R
339Min.	2017	-2409.55	1SLU	-67.92	1SLU	-120.97	2SLU	48.14	3SLE R
339Min.	3012	-1089.70	1SLU	-67.92	1SLU	79.36	4SLE R	48.14	3SLE R
339Min.	-319	-1328.99	1SLU	-67.92	1SLU	79.49	4SLE R	48.21	3SLE R
339Max	2044	-2122.07	4SLE R	-67.88	4SLE R	-109.28	3SLE R	86.79	2SLU
339Max	-273	-2345.46	4SLE R	-67.88	4SLE R	-109.10	3SLE R	86.64	2SLU
339Max	-336	-1051.49	4SLE R	-67.88	4SLE R	143.12	1SLU	86.64	2SLU
339Max	3027	-1293.74	4SLE R	-67.88	4SLE R	143.33	1SLU	86.79	2SLU
339Min.	2044	-2942.00	1SLU	-97.00	1SLU	-155.20	2SLU	61.78	3SLE R
339Min.	-273	-3264.34	1SLU	-97.00	1SLU	-154.95	2SLU	61.68	3SLE R
339Min.	-336	-1552.12	1SLU	-97.00	1SLU	101.87	4SLE R	61.68	3SLE R
339Min.	3027	-1895.22	1SLU	-97.00	1SLU	102.07	4SLE R	61.78	3SLE R
339Max	-273	-2093.79	4SLE R	-67.88	4SLE R	-109.10	3SLE R	86.64	2SLU
339Max	-269	-2317.22	4SLE R	-67.88	4SLE R	-108.93	3SLE R	86.50	2SLU
339Max	-334	-1023.23	4SLE R	-67.88	4SLE R	142.91	1SLU	86.50	2SLU
339Max	-336	-1265.47	4SLE R	-67.88	4SLE R	143.12	1SLU	86.64	2SLU
339Min.	-273	-2910.87	1SLU	-97.01	1SLU	-154.95	2SLU	61.68	3SLE R
339Min.	-269	-3233.25	1SLU	-97.01	1SLU	-154.70	2SLU	61.58	3SLE R
339Min.	-334	-1521.01	1SLU	-97.01	1SLU	101.67	4SLE R	61.58	3SLE R
339Min.	-336	-1864.10	1SLU	-97.01	1SLU	101.87	4SLE R	61.68	3SLE R
340Max	2003	-3128.99	4SLE R	-114.18	4SLE R	2.72	1SLU	-0.52	4SLE R
340Max	2004	-3442.94	4SLE R	-114.18	4SLE R	2.96	1SLU	-0.65	4SLE R
340Max	3007	-1932.26	4SLE R	-114.18	4SLE R	-0.17	3SLE R	-0.65	4SLE R
340Max	3006	-2401.59	4SLE R	-114.18	4SLE R	0.03	2SLU	-0.52	4SLE R
340Min.	2003	-4654.54	1SLU	-169.91	1SLU	1.79	4SLE R	-0.79	1SLU
340Min.	2004	-5103.69	1SLU	-169.91	1SLU	2.01	4SLE R	-0.92	1SLU
340Min.	3007	-3066.13	1SLU	-169.91	1SLU	-0.25	2SLU	-0.92	1SLU
340Min.	3006	-3782.60	1SLU	-169.91	1SLU	0.02	3SLE R	-0.79	1SLU
340Max	2002	-2655.49	4SLE R	-82.13	4SLE R	2.01	1SLU	-0.33	4SLE R
340Max	2003	-2888.31	4SLE R	-82.13	4SLE R	2.16	1SLU	-0.41	4SLE R
340Max	3006	-1719.10	4SLE R	-82.13	4SLE R	0.02	2SLU	-0.41	4SLE R



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340	Max	3005	-2049.67	4	SLE R	-82.13	4	SLE R	0.20	2	SLU	-0.33	4	SLE R
340	Min.	2002	-3987.32	1	SLU	-122.21	1	SLU	1.28	4	SLE R	-0.54	1	SLU
340	Min.	2003	-4322.42	1	SLU	-122.21	1	SLU	1.42	4	SLE R	-0.62	1	SLU
340	Min.	3006	-2749.46	1	SLU	-122.21	1	SLU	0.02	3	SLE R	-0.62	1	SLU
340	Min.	3005	-3252.74	1	SLU	-122.21	1	SLU	0.14	3	SLE R	-0.54	1	SLU
341	Max	2005	-3125.47	4	SLE R	38.98	1	SLU	2.84	1	SLU	-0.50	4	SLE R
341	Max	2006	-3210.41	4	SLE R	38.98	1	SLU	3.08	1	SLU	-0.63	4	SLE R
341	Max	3009	-2151.34	4	SLE R	38.98	1	SLU	-0.02	3	SLE R	-0.63	4	SLE R
341	Max	3008	-1946.45	4	SLE R	38.98	1	SLU	0.25	2	SLU	-0.50	4	SLE R
341	Min.	2005	-4674.27	1	SLU	17.49	4	SLE R	1.91	4	SLE R	-0.77	1	SLU
341	Min.	2006	-4760.07	1	SLU	17.49	4	SLE R	2.13	4	SLE R	-0.90	1	SLU
341	Min.	3009	-3439.03	1	SLU	17.49	4	SLE R	-0.02	2	SLU	-0.90	1	SLU
341	Min.	3008	-3085.82	1	SLU	17.49	4	SLE R	0.18	3	SLE R	-0.77	1	SLU
341	Max	2006	-2924.43	4	SLE R	30.35	1	SLU	2.55	1	SLU	-0.52	4	SLE R
341	Max	2007	-2976.72	4	SLE R	30.35	1	SLU	2.71	1	SLU	-0.61	4	SLE R
341	Max	3010	-2097.59	4	SLE R	30.35	1	SLU	-0.15	3	SLE R	-0.61	4	SLE R
341	Max	3009	-1951.36	4	SLE R	30.35	1	SLU	-0.01	3	SLE R	-0.52	4	SLE R
341	Min.	2006	-4378.84	1	SLU	13.69	4	SLE R	1.76	4	SLE R	-0.75	1	SLU
341	Min.	2007	-4425.10	1	SLU	13.69	4	SLE R	1.91	4	SLE R	-0.84	1	SLU
341	Min.	3010	-3325.26	1	SLU	13.69	4	SLE R	-0.21	2	SLU	-0.84	1	SLU
341	Min.	3009	-3070.81	1	SLU	13.69	4	SLE R	-0.02	2	SLU	-0.75	1	SLU
342	Max	2008	-1366.05	4	SLE R	-231.10	4	SLE R	-7.08	4	SLE R	7.31	1	SLU
342	Max	-246	-2117.42	4	SLE R	-231.10	4	SLE R	-6.86	4	SLE R	7.18	1	SLU
342	Max	-318	-225.01	4	SLE R	-231.10	4	SLE R	14.38	1	SLU	7.18	1	SLU
342	Max	3011	-1058.96	4	SLE R	-231.10	4	SLE R	14.61	1	SLU	7.31	1	SLU
342	Min.	2008	-1963.54	1	SLU	-331.88	1	SLU	-10.48	1	SLU	4.99	4	SLE R
342	Min.	-246	-3014.21	1	SLU	-331.88	1	SLU	-10.26	1	SLU	4.86	4	SLE R
342	Min.	-318	-446.18	1	SLU	-331.88	1	SLU	9.82	4	SLE R	4.86	4	SLE R
342	Min.	3011	-1672.24	1	SLU	-331.88	1	SLU	10.04	4	SLE R	4.99	4	SLE R
342	Max	-246	-1242.19	4	SLE R	-231.09	4	SLE R	-6.86	4	SLE R	7.18	1	SLU
342	Max	2020	-1993.55	4	SLE R	-231.09	4	SLE R	-6.65	4	SLE R	7.05	1	SLU
342	Max	3013	-101.16	4	SLE R	-231.09	4	SLE R	14.16	1	SLU	7.05	1	SLU
342	Max	-318	-935.09	4	SLE R	-231.09	4	SLE R	14.38	1	SLU	7.18	1	SLU
342	Min.	-246	-1700.46	1	SLU	-331.88	1	SLU	-10.26	1	SLU	4.86	4	SLE R
342	Min.	2020	-2751.11	1	SLU	-331.88	1	SLU	-10.03	1	SLU	4.74	4	SLE R
342	Min.	3013	-183.09	1	SLU	-331.88	1	SLU	9.61	4	SLE R	4.74	4	SLE R
342	Min.	-318	-1409.14	1	SLU	-331.88	1	SLU	9.82	4	SLE R	4.86	4	SLE R
343	Max	2020	-464.27	4	SLE R	-22.97	4	SLE R	5.72	1	SLU	-2.45	4	SLE R
343	Max	2021	-528.07	4	SLE R	-22.97	4	SLE R	5.75	1	SLU	-2.47	4	SLE R
343	Max	3014	-82.70	4	SLE R	-22.97	4	SLE R	-4.38	4	SLE R	-2.47	4	SLE R
343	Max	3013	-176.48	4	SLE R	-22.97	4	SLE R	-4.36	4	SLE R	-2.45	4	SLE R
343	Min.	2020	-618.57	1	SLU	-34.17	1	SLU	4.06	4	SLE R	-3.52	1	SLU
343	Min.	2021	-714.88	1	SLU	-34.17	1	SLU	4.08	4	SLE R	-3.54	1	SLU
343	Min.	3014	-121.11	1	SLU	-34.17	1	SLU	-6.39	1	SLU	-3.54	1	SLU
343	Min.	3013	-259.23	1	SLU	-34.17	1	SLU	-6.36	1	SLU	-3.52	1	SLU
344	Max	2022	-1067.41	4	SLE R	-160.07	4	SLE R	-0.89	4	SLE R	0.51	1	SLU
344	Max	2023	-1592.54	4	SLE R	-160.07	4	SLE R	-0.81	4	SLE R	0.47	1	SLU
344	Max	3016	-391.37	4	SLE R	-160.07	4	SLE R	0.34	1	SLU	0.47	1	SLU
344	Max	3015	-964.32	4	SLE R	-160.07	4	SLE R	0.42	1	SLU	0.51	1	SLU
344	Min.	2022	-1554.65	1	SLU	-224.70	1	SLU	-1.33	1	SLU	0.35	4	SLE R
344	Min.	2023	-2285.16	1	SLU	-224.70	1	SLU	-1.26	1	SLU	0.31	4	SLE R
344	Min.	3016	-666.67	1	SLU	-224.70	1	SLU	0.24	4	SLE R	0.31	4	SLE R
344	Min.	3015	-1477.61	1	SLU	-224.70	1	SLU	0.32	4	SLE R	0.35	4	SLE R
345	Max	-262	-1323.70	4	SLE R	8.54	1	SLU	-13.36	3	SLE R	11.47	1	SLU
345	Max	-267	-1281.94	4	SLE R	8.54	1	SLU	-13.26	4	SLE R	11.40	1	SLU
345	Max	-333	-503.27	4	SLE R	8.54	1	SLU	20.46	1	SLU	11.40	1	SLU
345	Max	-330	-507.41	4	SLE R	8.54	1	SLU	20.58	1	SLU	11.47	1	SLU
345	Min.	-262	-1857.87	1	SLU	5.48	4	SLE R	-18.78	2	SLU	8.11	4	SLE R
345	Min.	-267	-1791.71	1	SLU	5.48	4	SLE R	-18.65	1	SLU	8.05	4	SLE R
345	Min.	-333	-784.29	1	SLU	5.48	4	SLE R	14.34	4	SLE R	8.05	4	SLE R
345	Min.	-330	-791.85	1	SLU	5.48	4	SLE R	14.45	4	SLE R	8.11	4	SLE R
345	Max	2023	-2016.89	4	SLE R	22.41	1	SLU	-17.57	3	SLE R	15.01	1	SLU
345	Max	-252	-1928.45	4	SLE R	22.41	1	SLU	-17.41	3	SLE R	14.90	1	SLU
345	Max	-321	-956.60	4	SLE R	22.41	1	SLU	26.72	1	SLU	14.90	1	SLU
345	Max	3016	-943.60	4	SLE R	22.41	1	SLU	26.92	1	SLU	15.01	1	SLU
345	Min.	2023	-2893.82	1	SLU	14.79	4	SLE R	-24.71	2	SLU	10.70	4	SLE R
345	Min.	-252	-2756.37	1	SLU	14.79	4	SLE R	-24.48	2	SLU	10.59	4	SLE R
345	Min.	-321	-1503.91	1	SLU	14.79	4	SLE R	18.85	4	SLE R	10.59	4	SLE R
345	Min.	3016	-1487.60	1	SLU	14.79	4	SLE R	19.04	4	SLE R	10.70	4	SLE R
345	Max	-252	-1901.32	4	SLE R	20.33	1	SLU	-17.41	3	SLE R	14.90	1	SLU



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345Max	-259	-1817.75	4SLE R	20.33	1SLU	-17.25	3SLE R	14.79	1SLU
345Max	-328	-841.03	4SLE R	20.33	1SLU	26.53	1SLU	14.79	1SLU
345Max	-321	-832.90	4SLE R	20.33	1SLU	26.72	1SLU	14.90	1SLU
345Min.	-252	-2708.55	1SLU	13.37	4SLE R	-24.48	2SLU	10.59	4SLE R
345Min.	-259	-2578.23	1SLU	13.37	4SLE R	-24.25	2SLU	10.48	4SLE R
345Min.	-328	-1318.63	1SLU	13.37	4SLE R	18.67	4SLE R	10.48	4SLE R
345Min.	-321	-1309.47	1SLU	13.37	4SLE R	18.85	4SLE R	10.59	4SLE R
345Max	-267	-1250.78	4SLE R	5.07	1SLU	-13.26	4SLE R	11.40	1SLU
345Max	2038	-1217.13	4SLE R	5.07	1SLU	-13.15	4SLE R	11.33	1SLU
345Max	3024	-430.35	4SLE R	5.07	1SLU	20.35	1SLU	11.33	1SLU
345Max	-333	-442.60	4SLE R	5.07	1SLU	20.46	1SLU	11.40	1SLU
345Min.	-267	-1741.31	1SLU	3.12	4SLE R	-18.65	1SLU	8.05	4SLE R
345Min.	2038	-1687.04	1SLU	3.12	4SLE R	-18.53	1SLU	7.98	4SLE R
345Min.	3024	-667.73	1SLU	3.12	4SLE R	14.23	4SLE R	7.98	4SLE R
345Min.	-333	-687.19	1SLU	3.12	4SLE R	14.34	4SLE R	8.05	4SLE R
345Max	-259	-1395.85	4SLE R	11.37	1SLU	-13.46	3SLE R	11.54	1SLU
345Max	-262	-1347.48	4SLE R	11.37	1SLU	-13.36	3SLE R	11.47	1SLU
345Max	-330	-575.43	4SLE R	11.37	1SLU	20.58	1SLU	11.47	1SLU
345Max	-328	-572.95	4SLE R	11.37	1SLU	20.70	1SLU	11.54	1SLU
345Min.	-259	-1973.29	1SLU	7.41	4SLE R	-18.92	2SLU	8.18	4SLE R
345Min.	-262	-1897.44	1SLU	7.41	4SLE R	-18.78	2SLU	8.11	4SLE R
345Min.	-330	-899.72	1SLU	7.41	4SLE R	14.45	4SLE R	8.11	4SLE R
345Min.	-328	-897.57	1SLU	7.41	4SLE R	14.57	4SLE R	8.18	4SLE R
345Max	2038	-375.35	4SLE R	0.36	1SLU	-4.14	4SLE R	3.57	1SLU
345Max	2041	-372.38	4SLE R	0.36	1SLU	-4.13	4SLE R	3.56	1SLU
345Max	3025	-122.26	4SLE R	0.36	1SLU	6.40	1SLU	3.56	1SLU
345Max	3024	-123.83	4SLE R	0.36	1SLU	6.41	1SLU	3.57	1SLU
345Min.	2038	-518.71	1SLU	0.19	2SLU	-5.84	1SLU	2.51	4SLE R
345Min.	2041	-513.83	1SLU	0.19	2SLU	-5.82	1SLU	2.51	4SLE R
345Min.	3025	-189.00	1SLU	0.19	2SLU	4.47	4SLE R	2.51	4SLE R
345Min.	3024	-191.41	1SLU	0.19	2SLU	4.48	4SLE R	2.51	4SLE R
346Max	2038	-2288.65	4SLE R	484.61	1SLU	1.02	1SLU	-0.08	2SLU
346Max	-271	-1184.55	4SLE R	484.61	1SLU	1.24	1SLU	-0.21	4SLE R
346Max	-335	-1267.08	4SLE R	484.61	1SLU	0.29	1SLU	-0.21	4SLE R
346Max	3024	-29.79	4SLE R	484.61	1SLU	0.52	2SLU	-0.08	2SLU
346Min.	2038	-3206.56	1SLU	341.31	4SLE R	0.62	4SLE R	-0.15	1SLU
346Min.	-271	-1656.36	1SLU	341.31	4SLE R	0.83	4SLE R	-0.28	1SLU
346Min.	-335	-1903.94	1SLU	341.31	4SLE R	0.12	4SLE R	-0.28	1SLU
346Min.	3024	-129.75	1SLU	341.31	4SLE R	0.31	3SLE R	-0.15	1SLU
346Max	-271	-2488.35	4SLE R	484.60	1SLU	1.24	1SLU	-0.21	4SLE R
346Max	2037	-1384.30	4SLE R	484.60	1SLU	1.45	1SLU	-0.33	4SLE R
346Max	3023	-1466.81	4SLE R	484.60	1SLU	0.07	1SLU	-0.33	4SLE R
346Max	-335	-229.51	4SLE R	484.60	1SLU	0.29	1SLU	-0.21	4SLE R
346Min.	-271	-3542.41	1SLU	341.30	4SLE R	0.83	4SLE R	-0.28	1SLU
346Min.	2037	-1992.28	1SLU	341.30	4SLE R	1.03	4SLE R	-0.40	1SLU
346Min.	3023	-2239.82	1SLU	341.30	4SLE R	-0.09	4SLE R	-0.40	1SLU
346Min.	-335	-465.63	1SLU	341.30	4SLE R	0.12	4SLE R	-0.28	1SLU
347Max	2049	-1881.45	4SLE R	241.73	1SLU	-22.61	3SLE R	9.10	2SLU
347Max	2048	-1311.71	4SLE R	241.73	1SLU	-22.54	3SLE R	9.04	2SLU
347Max	3031	-1193.88	4SLE R	241.73	1SLU	-0.00	1SLU	9.04	2SLU
347Max	3032	-610.14	4SLE R	241.73	1SLU	0.10	2SLU	9.10	2SLU
347Min.	2049	-2724.80	1SLU	168.15	4SLE R	-31.11	2SLU	6.61	3SLE R
347Min.	2048	-1917.18	1SLU	168.15	4SLE R	-31.00	2SLU	6.57	3SLE R
347Min.	3031	-1843.38	1SLU	168.15	4SLE R	-0.00	2SLU	6.57	3SLE R
347Min.	3032	-992.71	1SLU	168.15	4SLE R	0.07	3SLE R	6.61	3SLE R
347Max	2050	-1522.26	4SLE R	176.22	1SLU	-18.90	3SLE R	7.63	2SLU
347Max	2049	-1106.68	4SLE R	176.22	1SLU	-18.85	3SLE R	7.58	2SLU
347Max	3032	-948.30	4SLE R	176.22	1SLU	0.09	2SLU	7.58	2SLU
347Max	3033	-523.01	4SLE R	176.22	1SLU	0.16	2SLU	7.63	2SLU
347Min.	2050	-2179.61	1SLU	122.58	4SLE R	-26.00	2SLU	5.54	3SLE R
347Min.	2049	-1590.13	1SLU	122.58	4SLE R	-25.93	2SLU	5.51	3SLE R
347Min.	3032	-1442.10	1SLU	122.58	4SLE R	0.06	3SLE R	5.51	3SLE R
347Min.	3033	-822.73	1SLU	122.58	4SLE R	0.12	3SLE R	5.54	3SLE R
347Max	2048	-3262.23	4SLE R	513.41	1SLU	-36.88	3SLE R	14.78	2SLU
347Max	-278	-2055.91	4SLE R	513.41	1SLU	-36.65	4SLE R	14.64	1SLU
347Max	-340	-2143.95	4SLE R	513.41	1SLU	-0.22	3SLE R	14.64	1SLU
347Max	3031	-900.09	4SLE R	513.41	1SLU	-0.02	3SLE R	14.78	2SLU
347Min.	2048	-4790.69	1SLU	357.17	4SLE R	-50.72	2SLU	10.74	3SLE R
347Min.	-278	-3087.37	1SLU	357.17	4SLE R	-50.47	1SLU	10.61	4SLE R
347Min.	-340	-3370.22	1SLU	357.17	4SLE R	-0.32	2SLU	10.61	4SLE R



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347	Min.	3031	-1551.52	1	SLU	357.17	4	SLE R	-0.03	2	SLU	10.74	3	SLE R
348	Max	-277	-4459.75	4	SLE R	169.16	2	SLU	-36.72	4	SLE R	14.77	1	SLU
348	Max	2047	-3663.98	4	SLE R	169.16	2	SLU	-36.49	4	SLE R	14.63	1	SLU
348	Max	3030	-2938.19	4	SLE R	169.16	2	SLU	-0.10	3	SLE R	14.63	1	SLU
348	Max	-339	-2911.44	4	SLE R	169.16	2	SLU	0.14	2	SLU	14.77	1	SLU
348	Min.	-277	-6669.05	1	SLU	118.55	3	SLE R	-50.55	1	SLU	10.74	4	SLE R
348	Min.	2047	-5564.92	1	SLU	118.55	3	SLE R	-50.31	1	SLU	10.61	4	SLE R
348	Min.	3030	-4660.03	1	SLU	118.55	3	SLE R	-0.14	2	SLU	10.61	4	SLE R
348	Min.	-339	-4617.61	1	SLU	118.55	3	SLE R	0.10	3	SLE R	10.74	4	SLE R
349	Max	2045	-2337.52	4	SLE R	812.16	2	SLU	-1.12	4	SLE R	0.48	1	SLU
349	Max	-276	324.63	2	SLU	812.16	2	SLU	-1.02	4	SLE R	0.42	1	SLU
349	Max	-338	-1070.72	4	SLE R	812.16	2	SLU	-0.11	3	SLE R	0.42	1	SLU
349	Max	3028	569.71	2	SLU	812.16	2	SLU	-0.02	3	SLE R	0.48	1	SLU
349	Min.	2045	-3461.99	1	SLU	578.42	3	SLE R	-1.68	1	SLU	0.32	4	SLE R
349	Min.	-276	-16.45	3	SLE R	578.42	3	SLE R	-1.58	1	SLU	0.26	4	SLE R
349	Min.	-338	-1766.75	1	SLU	578.42	3	SLE R	-0.15	2	SLU	0.26	4	SLE R
349	Min.	3028	208.36	3	SLE R	578.42	3	SLE R	-0.03	2	SLU	0.32	4	SLE R
349	Max	2046	-6982.67	4	SLE R	1503.65	2	SLU	-1.90	4	SLE R	0.86	1	SLU
349	Max	2045	-2104.79	4	SLE R	1503.65	2	SLU	-1.68	4	SLE R	0.72	1	SLU
349	Max	3028	-4691.89	4	SLE R	1503.65	2	SLU	-0.03	3	SLE R	0.72	1	SLU
349	Max	3029	-2157.49	4	SLE R	1503.65	2	SLU	0.23	2	SLU	0.86	1	SLU
349	Min.	2046	-10030.20	1	SLU	1070.88	3	SLE R	-2.75	1	SLU	0.61	4	SLE R
349	Min.	2045	-3290.09	1	SLU	1070.88	3	SLE R	-2.52	1	SLU	0.48	4	SLE R
349	Min.	3028	-6943.29	1	SLU	1070.88	3	SLE R	-0.05	2	SLU	0.48	4	SLE R
349	Min.	3029	-3467.51	1	SLU	1070.88	3	SLE R	0.16	3	SLE R	0.61	4	SLE R
350	Max	2031	-1756.61	4	SLE R	1020.75	2	SLU	-1.90	4	SLE R	1.65	1	SLU
350	Max	-253	1279.16	2	SLU	1020.75	2	SLU	-1.84	4	SLE R	1.62	1	SLU
350	Max	-322	-1053.91	4	SLE R	1020.75	2	SLU	2.84	1	SLU	1.62	1	SLU
350	Max	3020	1867.92	2	SLU	1020.75	2	SLU	2.90	1	SLU	1.65	1	SLU
350	Min.	2031	-2713.06	1	SLU	726.73	3	SLE R	-2.77	1	SLU	1.14	4	SLE R
350	Min.	-253	609.22	3	SLE R	726.73	3	SLE R	-2.71	1	SLU	1.11	4	SLE R
350	Min.	-322	-1834.86	1	SLU	726.73	3	SLE R	1.96	4	SLE R	1.11	4	SLE R
350	Min.	3020	1103.85	3	SLE R	726.73	3	SLE R	2.02	4	SLE R	1.14	4	SLE R
350	Max	2030	-4040.96	4	SLE R	2064.53	2	SLU	-3.03	4	SLE R	2.60	1	SLU
350	Max	2031	1917.19	2	SLU	2064.53	2	SLU	-2.89	4	SLE R	2.52	1	SLU
350	Max	3020	-2874.99	4	SLE R	2064.53	2	SLU	4.41	1	SLU	2.52	1	SLU
350	Max	3019	2679.53	2	SLU	2064.53	2	SLU	4.56	1	SLU	2.60	1	SLU
350	Min.	2030	-5745.94	1	SLU	1469.82	3	SLE R	-4.36	1	SLU	1.82	4	SLE R
350	Min.	2031	1077.83	3	SLE R	1469.82	3	SLE R	-4.22	1	SLU	1.74	4	SLE R
350	Min.	3020	-4312.08	1	SLU	1469.82	3	SLE R	3.07	4	SLE R	1.74	4	SLE R
350	Min.	3019	1761.10	3	SLE R	1469.82	3	SLE R	3.21	4	SLE R	1.82	4	SLE R
351	Max	2032	-2268.57	4	SLE R	-40.94	4	SLE R	-0.77	4	SLE R	0.31	1	SLU
351	Max	-254	-2484.23	4	SLE R	-40.94	4	SLE R	-0.72	4	SLE R	0.28	1	SLU
351	Max	-323	-1800.48	4	SLE R	-40.94	4	SLE R	-0.02	3	SLE R	0.28	1	SLU
351	Max	3021	-1865.69	4	SLE R	-40.94	4	SLE R	0.03	2	SLU	0.31	1	SLU
351	Min.	2032	-3462.11	1	SLU	-59.25	1	SLU	-1.03	1	SLU	0.23	4	SLE R
351	Min.	-254	-3765.13	1	SLU	-59.25	1	SLU	-0.98	1	SLU	0.20	4	SLE R
351	Min.	-323	-2855.60	1	SLU	-59.25	1	SLU	-0.03	2	SLU	0.20	4	SLE R
351	Min.	3021	-2959.03	1	SLU	-59.25	1	SLU	0.02	3	SLE R	0.23	4	SLE R
352	Max	-258	-1849.88	4	SLE R	-348.84	4	SLE R	-1.24	4	SLE R	0.53	2	SLU
352	Max	2033	-2979.62	4	SLE R	-348.84	4	SLE R	-1.03	4	SLE R	0.40	1	SLU
352	Max	3022	-696.48	4	SLE R	-348.84	4	SLE R	0.08	4	SLE R	0.40	1	SLU
352	Max	-327	-1959.78	4	SLE R	-348.84	4	SLE R	0.29	4	SLE R	0.53	2	SLU
352	Min.	-258	-2763.55	1	SLU	-492.20	1	SLU	-1.66	1	SLU	0.45	3	SLE R
352	Min.	2033	-4339.60	1	SLU	-492.20	1	SLU	-1.45	1	SLU	0.32	4	SLE R
352	Min.	3022	-1238.73	1	SLU	-492.20	1	SLU	-0.07	1	SLU	0.32	4	SLE R
352	Min.	-327	-3039.20	1	SLU	-492.20	1	SLU	0.15	1	SLU	0.45	3	SLE R
353	Max	-256	-3690.41	4	SLE R	-97.46	3	SLE R	-1.30	4	SLE R	0.53	1	SLU
353	Max	-257	-4400.04	4	SLE R	-97.46	3	SLE R	-1.09	4	SLE R	0.40	1	SLU
353	Max	-326	-2925.78	4	SLE R	-97.46	3	SLE R	-0.18	3	SLE R	0.40	1	SLU
353	Max	-325	-2991.43	4	SLE R	-97.46	3	SLE R	0.00	4	SLE R	0.53	1	SLU
353	Min.	-256	-5578.88	1	SLU	-159.89	2	SLU	-1.81	1	SLU	0.38	4	SLE R
353	Min.	-257	-6521.39	1	SLU	-159.89	2	SLU	-1.59	1	SLU	0.26	4	SLE R
353	Min.	-326	-4640.35	1	SLU	-159.89	2	SLU	-0.26	2	SLU	0.26	4	SLE R
353	Min.	-325	-4634.69	1	SLU	-159.89	2	SLU	0.00	1	SLU	0.38	4	SLE R
353	Max	-255	-2724.54	4	SLE R	-97.46	3	SLE R	-1.51	4	SLE R	0.66	1	SLU
353	Max	-256	-3434.14	4	SLE R	-97.46	3	SLE R	-1.30	4	SLE R	0.53	1	SLU
353	Max	-325	-1959.89	4	SLE R	-97.46	3	SLE R	0.00	4	SLE R	0.53	1	SLU
353	Max	-324	-2025.54	4	SLE R	-97.46	3	SLE R	0.26	2	SLU	0.66	1	SLU
353	Min.	-255	-4156.75	1	SLU	-159.89	2	SLU	-2.03	1	SLU	0.50	4	SLE R



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353Min.	-256	-5099.23	1SLU	-159.89	2SLU	-1.81	1SLU	0.38	4SLE R
353Min.	-325	-3218.20	1SLU	-159.89	2SLU	0.00	1SLU	0.38	4SLE R
353Min.	-324	-3212.55	1SLU	-159.89	2SLU	0.18	3SLE R	0.50	4SLE R
370Max	2037	-1504.19	4SLE R	-6.40	4SLE R	18.53	1SLU	-7.98	4SLE R
370Max	-266	-1549.06	4SLE R	-6.40	4SLE R	18.64	1SLU	-8.05	4SLE R
370Max	-332	-729.64	4SLE R	-6.40	4SLE R	-14.34	4SLE R	-8.05	4SLE R
370Max	3023	-728.65	4SLE R	-6.40	4SLE R	-14.23	4SLE R	-7.98	4SLE R
370Min.	2037	-2174.46	1SLU	-7.89	1SLU	13.15	4SLE R	-11.33	1SLU
370Min.	-266	-2238.38	1SLU	-7.89	1SLU	13.26	4SLE R	-11.40	1SLU
370Min.	-332	-1174.60	1SLU	-7.89	1SLU	-20.46	1SLU	-11.40	1SLU
370Min.	3023	-1164.81	1SLU	-7.89	1SLU	-20.35	1SLU	-11.33	1SLU
370Max	-266	-1572.97	4SLE R	-6.39	4SLE R	18.64	1SLU	-8.05	4SLE R
370Max	-261	-1617.82	4SLE R	-6.39	4SLE R	18.77	2SLU	-8.11	4SLE R
370Max	-329	-798.42	4SLE R	-6.39	4SLE R	-14.45	4SLE R	-8.11	4SLE R
370Max	-332	-797.41	4SLE R	-6.39	4SLE R	-14.34	4SLE R	-8.05	4SLE R
370Min.	-266	-2285.01	1SLU	-7.88	1SLU	13.26	4SLE R	-11.40	1SLU
370Min.	-261	-2348.91	1SLU	-7.88	1SLU	13.35	3SLE R	-11.47	1SLU
370Min.	-329	-1285.16	1SLU	-7.88	1SLU	-20.58	1SLU	-11.47	1SLU
370Min.	-332	-1275.33	1SLU	-7.88	1SLU	-20.46	1SLU	-11.40	1SLU
370Max	-261	-1641.79	4SLE R	-6.39	4SLE R	18.77	2SLU	-8.11	4SLE R
370Max	2033	-1686.64	4SLE R	-6.39	4SLE R	18.91	2SLU	-8.17	4SLE R
370Max	3022	-867.25	4SLE R	-6.39	4SLE R	-14.56	4SLE R	-8.17	4SLE R
370Max	-329	-866.22	4SLE R	-6.39	4SLE R	-14.45	4SLE R	-8.11	4SLE R
370Min.	-261	-2395.64	1SLU	-7.88	1SLU	13.35	3SLE R	-11.47	1SLU
370Min.	2033	-2459.53	1SLU	-7.88	1SLU	13.45	3SLE R	-11.54	1SLU
370Min.	3022	-1395.80	1SLU	-7.88	1SLU	-20.70	1SLU	-11.54	1SLU
370Min.	-329	-1385.94	1SLU	-7.88	1SLU	-20.58	1SLU	-11.47	1SLU
371Max	-275	2253.48	2SLU	-1701.52	3SLE R	4.63	1SLU	-1.91	4SLE R
371Max	2044	-4668.52	4SLE R	-1701.52	3SLE R	4.80	1SLU	-2.00	4SLE R
371Max	3027	3049.27	2SLU	-1701.52	3SLE R	-3.54	4SLE R	-2.00	4SLE R
371Max	-337	-3353.03	4SLE R	-1701.52	3SLE R	-3.37	4SLE R	-1.91	4SLE R
371Min.	-275	1291.53	3SLE R	-2390.14	2SLU	3.17	4SLE R	-2.76	1SLU
371Min.	2044	-6605.81	1SLU	-2390.14	2SLU	3.34	4SLE R	-2.86	1SLU
371Min.	3027	2021.19	3SLE R	-2390.14	2SLU	-5.02	1SLU	-2.86	1SLU
371Min.	-337	-4995.05	1SLU	-2390.14	2SLU	-4.84	1SLU	-2.76	1SLU

Criteri di progetto utilizzati
Murature

Generali	
Individuazione maschi per verifiche sismiche	
Metodo di individuazione	Assemblando per ogni piano gli elementi continui tra due aperture
Verifiche per azioni statiche	
Calcolo dei momenti	Con momenti ricalcolati con metodo semplificato
Esegui verifiche a pressoflessione e a taglio nel piano	No
Esegui verifiche anche in sommità dell'ultimo piano	No
Verifiche per azioni sismiche	
Trascura eccentricità aggiuntive (D.M. 92/96)	Si
Trascura tagli e momenti statici nel piano	Si
Esegui verifiche anche in sommità dell'ultimo piano	No
Considera il segno della sollecitazione dinamica uguale a quello dell'azione statica	No
Analisi sismica non lineare	
Considera collaboranti anche pilastri in c.a. o acciaio	No
Considera collaboranti anche pareti in c.a.	No
Comportamento cordoli in c.a. o acciaio	Trascura resistenza in presenza di fasce in muratura
Crea collegamenti fra pareti	No
Calcola con zone rigide	Si
-Valuta spostamenti ultimi al netto delle zone rigide	Si
-Valuta spostamenti ultimi trascurando le rotazioni rigide	Si
Calcola spostamenti di danno e operatività a livello di maschio	Si
-Valuta spostamenti al netto delle zone rigide	Si



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-Valuta spostamenti trascurando le rotazioni rigide	Si
Verifiche dei cinematicismi (meccanismi locali di collasso)	
Verifica cinematicismi	Si
Tipo di analisi	-Cinematica non lineare
-Verifica anche stato limite di danno	No
Verifica cinematicismi con cunei di rottura (pareti ben ammorsate)	-Sempre
-Considera solo cunei di rottura interessanti tutto il cinematicismo	No
-Angolo di generazione del cuneo di rottura <grad>	30.00
Verifica cinematicismi senza cunei di rottura	-Sempre
-Verifica cinematicismi a flessione verticale	Si
Parametri di disegno muratura armata	
Eliminare le quotature esterne ed interne	No
Eliminare le quotature dei pilastri	No
Eliminare le dimensioni delle travi e dei muri	Si
Eliminare la numerazione delle travi e dei muri	Si
Eliminare le campiture	Si
Eliminare il disegno del cerchio intorno al numero del pilastro	No
Stampe	
Stampa dettaglio evoluzione per passi	No
-Stampa dettaglio evoluzione per elementi	No
-Stampa solo passi significativi	Si
Raggruppa in un'unica tabella	Si
Riporta in relazione il disegno dello schema del cinematicismo	Si
Riporta in relazione il disegno della curva carico-spostamento	Si

Specifici	7	8	9
Materiali			
Muratura			
-Considera come elementi esistenti	Si	Si	Si
-Livello di conoscenza	LC1	LC1	LC1
-Fattore di confidenza	1.35	1.35	1.35
Resistenza a taglio			
-Scorrimento		x	
-Fessurazione diagonale su tessitura irregolare	x		x
-Fessurazione diagonale su tessitura regolare			
-Resistenza caratteristica a compressione nulla (f_{vk0}) <daN/cm ² >	3.00	2.00	3.00
-Resistenza caratteristica massima a taglio ($f_{vk,lim}$) <daN/cm ² >	6.50	6.50	6.50
-Resistenza media a compressione nulla (t_0) <daN/cm ² >	0.80	0.80	1.04
-Resistenza media a compressione nulla (f_{v0}) <daN/cm ² >	2.00	2.00	2.60
-Coefficiente di attrito (μ)	0.58	0.58	0.58
-Coefficiente di ingranamento (ϕ)	1.00	1.00	1.00
-Resistenza a trazione blocchi (f_{bt}) <daN/cm ² >	40.00	40.00	40.00
-Resistenza a compressione (f_k) <daN/cm ² >	50.00	50.00	65.00
-Resistenza a compressione per forze orizzontali (f_{hk}) <daN/cm ² >	5.00	5.00	6.50
-Modulo elastico (E) <daN/cm ² >	45500.00	45500.00	59150.00
-Modulo elastico tangenziale (G) <daN/cm ² >	11375.00	11375.00	14787.50
-Acciaio per muratura armata			
-Tipo di acciaio (B450A÷B450C)	B450C	B450C	B450C
-Modulo elastico <daN/cm ² >	2.06E+06	2.06E+06	2.06E+06
-Tensione caratteristica di snervamento (F_{yk}) <daN/cm ² >	4500.00	4500.00	4500.00
- γ_s per stati limite ultimi			
-Automatico	x	x	x
-Pari a			
Verifiche per azioni statiche			
Coeff. γ per verifiche per carichi verticali secondo D.M. 18	3.00	3.00	3.00
Lunghezza appoggio solai			
-Pari a <cm>			
-Come multiplo dello spessore del maschio pari a	0.66	0.66	0.66
Trascura eccentricità per solai continui	Si	Si	Si
Verifiche per azioni sismiche			
Coeff. γ per verifiche per azioni sismiche secondo D.M. 18	3.00	3.00	3.00
Resistenza ad azioni sismiche nel piano			
-Maschio non resistente			



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-Maschio non resistente se L/H minore di	0.30	0.30	0.30
Considera appoggio sui solai anche per carichi sismici	Si	Si	Si
Comportamento maschi			
Plasticizzazione per taglio	Si	Si	Si
Rottura a taglio	Si	Si	Si
-Spostamento ultimo per muratura esistente <%>	0.50	0.50	0.50
-Spostamento ultimo per muratura nuova <%>	0.50	0.50	0.50
Plasticizzazione per pressoflessione	Si	Si	Si
Rottura per pressoflessione	Si	Si	Si
-Spostamento ultimo per muratura esistente <%>	1.00	1.00	1.00
-Spostamento ultimo per muratura nuova <%>	1.00	1.00	1.00
Comportamento fasce in muratura			
Fascia in muratura sopra il piano			
-Trascura completamente resistenza			
-Considera solo in presenza di cordolo/architrave sotto il piano in c.a. o acciaio	x	x	x
-Considera ipotizzando elemento con resistenza a trazione pari a <daN>			
Fascia in muratura sotto il piano			
-Trascura completamente resistenza			
-Considera solo in presenza di cordolo/architrave sotto il piano in c.a. o acciaio			
-Considera solo in presenza di cordolo/architrave sopra/sotto il piano in c.a. o acciaio	x	x	x
-Considera ipotizzando elemento con resistenza a trazione pari a <daN>			
Modalità di rottura a taglio			
-Comportamento elastico plastico indefinito			
-Comportamento elastico plastico-fragile	x	x	x
-Comportamento elastico-fragile			
-Spostamento ultimo per muratura esistente <%>	1.50	1.50	1.50
-Spostamento ultimo per muratura nuova <%>	1.50	1.50	1.50
Modalità di rottura per pressoflessione			
-Comportamento elastico plastico indefinito			
-Comportamento elastico plastico-fragile	x	x	x
-Comportamento elastico-fragile			
-Spostamento ultimo per muratura esistente <%>	1.50	1.50	1.50
-Spostamento ultimo per muratura nuova <%>	1.50	1.50	1.50
Parametri di progetto muratura armata			
Armatura verticale concentrata negli incroci/spigoli			
-Diametro <mm>	16.00	16.00	16.00
-Armatura nella prima posizione			
-Tipo 1	x	x	x
-Tipo 2			
-Tipo 3			
-Tipo 4			
-Tipo 5			
-Distanza fra ferri <cm>	2.00	2.00	2.00
-Armatura nella seconda posizione	No	No	No
-Tipo 1	x	x	x
-Tipo 2			
-Tipo 3			
-Tipo 4			
-Tipo 5			
-Distanza dalla prima posizione <cm>	25.00	25.00	25.00
-Distanza fra ferri <cm>	2.00	2.00	2.00
-Armatura nella terza posizione	No	No	No
-Tipo 1	x	x	x
-Tipo 2			
-Tipo 3			
-Tipo 4			
-Tipo 5			
-Distanza dalla seconda posizione <cm>	25.00	25.00	25.00
-Distanza fra ferri <cm>	2.00	2.00	2.00
Armatura distribuita			
-Diametro <mm>	10.00	10.00	10.00
-Passo <cm>	150.00	150.00	150.00
Armatura orizzontale			
-Copriferro <cm>	5.00	5.00	5.00
-Diametro <mm>	6.00	6.00	6.00



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-Passo <cm>	40.00	40.00	40.00
Lunghezza ancoraggi armature <m>	1.00	1.00	1.00

Verifiche muratura

Tabelle riassuntive verifiche

Verifiche maschi, fasce e cinematismi

Simbologia

Num. = Numero elemento V (ver. statiche), S (ver. sismiche), C (ver. cinematismi)

TG = Tasso di sfruttamento globale

TP = Tasso di sfruttamento per pressoflessione nel piano

TPO = Tasso di sfruttamento per pressoflessione ortogonale al piano

TT = Tasso di sfruttamento per taglio nel piano

Zv = Coordinata Z di verifica

Num.	Zv <m>	TP	TPO	TT	TG
6V	0.00	---	0.59	---	0.59
6V	1.89	---	0.55	---	0.55
6V	3.78	---	0.53	---	0.53
6V	3.78	---	0.41	---	0.41
6V	5.50	---	0.35	---	0.35
4V	0.00	---	0.60	---	0.60
4V	1.89	---	0.89	---	0.89
2V	0.00	---	0.61	---	0.61
2V	1.89	---	0.56	---	0.56
2V	3.78	---	0.55	---	0.55
2V	3.78	---	0.40	---	0.40
2V	5.50	---	0.35	---	0.35
10V	0.00	---	0.48	---	0.48
10V	1.89	---	0.42	---	0.42
14V	0.00	---	0.47	---	0.47
14V	1.89	---	0.40	---	0.40
14V	3.78	---	0.32	---	0.32
14V	3.78	---	0.25	---	0.25
14V	5.50	---	0.20	---	0.20
12V	0.00	---	0.34	---	0.34
12V	1.89	---	0.27	---	0.27
12V	3.78	---	0.19	---	0.19
12V	3.78	---	0.16	---	0.16
12V	5.50	---	0.10	---	0.10
21V	0.00	---	0.62	---	0.62
21V	1.89	---	0.55	---	0.55
21V	3.78	---	0.48	---	0.48
21V	3.78	---	0.28	---	0.28
21V	5.50	---	0.23	---	0.23
20V	0.00	---	0.69	---	0.69
20V	1.89	---	0.63	---	0.63
19V	0.00	---	0.81	---	0.81
19V	1.89	---	0.74	---	0.74
19V	3.78	---	0.67	---	0.67
19V	3.78	---	0.42	---	0.42
19V	5.50	---	0.37	---	0.37
18V	0.00	---	0.90	---	0.90
18V	1.89	---	0.83	---	0.83
17V	0.00	---	0.94	---	0.94
17V	1.89	---	0.87	---	0.87
17V	3.78	---	0.81	---	0.81
17V	3.78	---	0.57	---	0.57
17V	5.50	---	0.52	---	0.52
15V	0.00	---	0.86	---	0.86
15V	1.89	---	0.79	---	0.79
15V	3.78	---	0.72	---	0.72
15V	3.78	---	0.20	---	0.20
15V	5.50	---	0.15	---	0.15
23V	0.00	---	0.52	---	0.52
23V	1.89	---	0.45	---	0.45



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23V	3.78	---	0.50	---	0.50
23V	3.78	---	0.21	---	0.21
23V	5.50	---	0.24	---	0.24
31V	0.00	---	0.55	---	0.55
31V	1.89	---	0.48	---	0.48
31V	3.78	---	0.41	---	0.41
31V	3.78	---	0.28	---	0.28
31V	5.50	---	0.22	---	0.22
29V	0.00	---	0.67	---	0.67
29V	1.89	---	0.60	---	0.60
29V	3.78	---	0.54	---	0.54
29V	3.78	---	0.30	---	0.30
29V	5.50	---	0.24	---	0.24
28V	0.00	---	0.76	---	0.76
28V	1.89	---	0.69	---	0.69
27V	0.00	---	0.85	---	0.85
27V	1.89	---	0.79	---	0.79
27V	3.78	---	0.72	---	0.72
27V	3.78	---	0.46	---	0.46
27V	5.50	---	0.41	---	0.41
25V	0.00	---	0.85	---	0.85
25V	1.89	---	0.81	---	0.81
25V	3.78	---	0.96	---	0.96
25V	3.78	---	0.51	---	0.51
25V	5.50	---	0.46	---	0.46
38V	0.00	---	0.23	---	0.23
38V	1.89	---	0.16	---	0.16
36V	0.00	---	0.15	---	0.15
36V	1.89	---	0.08	---	0.08
34V	0.00	---	0.18	---	0.18
34V	1.89	---	0.11	---	0.11
32V	0.00	---	0.23	---	0.23
32V	1.89	---	0.16	---	0.16
63V	0.00	---	0.34	---	0.34
63V	1.89	---	0.28	---	0.28
61V	0.00	---	0.30	---	0.30
61V	1.89	---	0.23	---	0.23
69V	0.00	---	0.32	---	0.32
69V	1.89	---	0.42	---	0.42
67V	0.00	---	0.52	---	0.52
67V	1.89	---	0.75	---	0.75
65V	0.00	---	0.54	---	0.54
65V	1.89	---	0.78	---	0.78
87V	0.00	---	0.29	---	0.29
87V	1.89	---	0.37	---	0.37
85V	0.00	---	0.66	---	0.66
85V	1.89	---	0.97	---	0.97
83V	0.00	---	0.66	---	0.66
83V	1.89	---	0.97	---	0.97
81V	0.00	---	0.39	---	0.39
81V	1.89	---	0.54	---	0.54
79V	0.00	---	0.50	---	0.50
79V	1.89	---	0.71	---	0.71
77V	0.00	---	0.52	---	0.52
77V	1.89	---	0.75	---	0.75
75V	0.00	---	0.60	---	0.60
75V	1.89	---	0.88	---	0.88
73V	0.00	---	0.65	---	0.65
73V	1.89	---	0.95	---	0.95
71V	0.00	---	0.42	---	0.42
71V	1.89	---	0.58	---	0.58
101V	0.00	---	0.16	---	0.16
101V	1.89	---	0.09	---	0.09
99V	0.00	---	0.35	---	0.35
99V	1.89	---	0.28	---	0.28
98V	0.00	---	0.37	---	0.37
98V	1.89	---	0.49	---	0.49
96V	0.00	---	0.57	---	0.57
96V	1.89	---	0.82	---	0.82
94V	0.00	---	0.34	---	0.34



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94V	1.89	---	0.44	---	0.44
92V	0.00	---	0.54	---	0.54
92V	1.89	---	0.79	---	0.79
90V	0.00	---	0.40	---	0.40
90V	1.89	---	0.55	---	0.55
88V	0.00	---	0.36	---	0.36
88V	1.89	---	0.49	---	0.49
109V	0.00	---	0.43	---	0.43
109V	1.89	---	0.36	---	0.36
108V	0.00	---	0.35	---	0.35
108V	1.89	---	0.46	---	0.46
106V	0.00	---	0.78	---	0.78
106V	1.89	---	0.71	---	0.71
104V	0.00	---	0.62	---	0.62
104V	1.89	---	0.55	---	0.55
102V	0.00	---	0.45	---	0.45
102V	1.89	---	0.39	---	0.39
115V	0.00	---	0.77	---	0.77
115V	1.89	---	0.70	---	0.70
113V	0.00	---	0.62	---	0.62
113V	1.89	---	0.57	---	0.57
111V	0.00	---	0.69	---	0.69
111V	1.89	---	0.62	---	0.62
116V	0.00	---	0.14	---	0.14
116V	1.89	---	0.07	---	0.07
123V	0.00	---	0.36	---	0.36
123V	1.89	---	0.48	---	0.48
121V	0.00	---	0.31	---	0.31
121V	1.89	---	0.40	---	0.40
120V	0.00	---	0.28	---	0.28
120V	1.89	---	0.34	---	0.34
118V	0.00	---	0.52	---	0.52
118V	1.89	---	0.45	---	0.45
127V	0.00	---	0.18	---	0.18
127V	1.89	---	0.11	---	0.11
130V	0.00	---	0.63	---	0.63
130V	1.89	---	0.56	---	0.56
130V	3.78	---	0.49	---	0.49
130V	3.78	---	0.25	---	0.25
130V	5.50	---	0.19	---	0.19
128V	0.00	---	0.60	---	0.60
128V	1.89	---	0.53	---	0.53
128V	3.78	---	0.46	---	0.46
128V	3.78	---	0.24	---	0.24
128V	5.50	---	0.18	---	0.18
138V	0.00	---	0.38	---	0.38
138V	1.89	---	0.31	---	0.31
138V	3.78	---	0.25	---	0.25
138V	3.78	---	0.18	---	0.18
138V	5.50	---	0.13	---	0.13
139V	0.00	---	0.39	---	0.39
139V	1.89	---	0.33	---	0.33
139V	3.78	---	0.27	---	0.27
139V	3.78	---	0.20	---	0.20
139V	5.50	---	0.15	---	0.15
49V	0.00	---	0.21	---	0.21
49V	1.89	---	0.23	---	0.23
47V	0.00	---	0.50	---	0.50
47V	1.89	---	0.44	---	0.44
45V	0.00	---	0.82	---	0.82
45V	1.89	---	0.75	---	0.75
43V	0.00	---	0.24	---	0.24
43V	1.89	---	0.17	---	0.17
41V	0.00	---	0.19	---	0.19
41V	1.89	---	0.12	---	0.12
39V	0.00	---	0.22	---	0.22
39V	1.89	---	0.15	---	0.15
60V	0.00	---	0.18	---	0.18
60V	1.89	---	0.11	---	0.11
58V	0.00	---	0.14	---	0.14



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58V	1.89	---	0.07	---	0.07
56V	0.00	---	0.14	---	0.14
56V	1.89	---	0.07	---	0.07
54V	0.00	---	0.14	---	0.14
54V	1.89	---	0.07	---	0.07
52V	0.00	---	0.22	---	0.22
52V	1.89	---	0.15	---	0.15
50V	0.00	---	0.19	---	0.19
50V	1.89	---	0.12	---	0.12
126V	0.00	---	0.24	---	0.24
126V	1.89	---	0.28	---	0.28
124V	0.00	---	0.27	---	0.27
124V	1.89	---	0.20	---	0.20
134V	0.00	---	0.28	---	0.28
134V	1.89	---	0.23	---	0.23
133V	0.00	---	0.37	---	0.37
133V	1.89	---	0.30	---	0.30
131V	0.00	---	0.65	---	0.65
131V	1.89	---	0.58	---	0.58
137V	0.00	---	0.36	---	0.36
137V	1.89	---	0.48	---	0.48
135V	0.00	---	0.55	---	0.55
135V	1.89	---	0.80	---	0.80
143V	0.00	---	0.18	---	0.18
143V	1.89	---	0.11	---	0.11
141V	0.00	---	0.27	---	0.27
141V	1.89	---	0.21	---	0.21

Verifiche maschi, fasce e cinematismi

Simbologia

Φ_t	=	Coefficiente di riduzione della resistenza per eccentricità trasversale
ΣN_{2dx}	=	Reazione totale dei solai a destra
ΣN_{2sx}	=	Reazione totale dei solai a sinistra
λ	=	Snellezza convenzionale
ρ	=	Fattore laterale di vincolo
τ_0	=	Resistenza media a taglio della muratura a tessitura irregolare in assenza di tensioni normali
$\tau_{0d SLU}$	=	Resistenza di calcolo a taglio della muratura a tessitura irregolare in assenza di tensioni normali per azioni statiche
$\tau_{0d SLV}$	=	Resistenza di calcolo a taglio della muratura a tessitura irregolare in assenza di tensioni normali per azioni sismiche
$\zeta_E (A_g)$	=	Indice di sicurezza in termini di accelerazione
An.	=	Tipo di analisi
	L =	Lineare
	NL =	Non lineare
CC	=	Numero della combinazione delle condizioni di carico elementari
Comm.	=	Commento
L	=	Lunghezza
M_v	=	Momento flettente dovuto al vento o al sisma
M_u	=	Momento ultimo
N	=	Sforzo normale
N_1	=	Carico trasmesso dal pannello sovrastante
N_u	=	Sforzo normale ultimo
Num.	=	Numero elemento V (ver. statiche), S (ver. sismiche), C (ver. cinematismi)
S_{dx}	=	Numero del solaio a destra
S_{sx}	=	Numero del solaio a sinistra
Spess.	=	Spessore
TCC	=	Tipo di combinazione di carico
	SLU =	Stato limite ultimo
	SLE R =	Stato limite d'esercizio, combinazione rara
V_{Ed}	=	Taglio agente
V_u	=	Taglio ultimo
X_g	=	Coord. X del baricentro al piede
Y_g	=	Coord. Y del baricentro al piede
Z_f	=	Coordinata Z finale
Z_i	=	Coordinata Z iniziale
Z_v	=	Coordinata Z di verifica
a	=	Interasse irrigidimenti
d_1	=	Eccentricità della muratura sovrastante
d_2	=	Eccentricità di appoggio del solaio
e	=	Eccentricità di calcolo
e_1	=	Eccentricità per sezioni di estremità
e_2	=	Eccentricità per sezione di massimo M_v
e_a	=	Eccentricità per tolleranze di esecuzione
e_{s1}	=	Eccentricità convenzionale della muratura sovrastante
e_{s2}	=	Eccentricità convenzionale della reazione d'appoggio dei solai
e_v	=	Eccentricità dovuta alle azioni orizzontali ortogonali al piano
f_{VR0}	=	Resistenza caratteristica a taglio della muratura
$f_{d SLU}$	=	Resistenza di calcolo a compressione della muratura per verifiche per azioni statiche
$f_{d SLV}$	=	Resistenza di calcolo a compressione della muratura per verifiche per azioni sismiche
f_k	=	Resistenza caratteristica della muratura
$f_{vd0 SLU}$	=	Resistenza di calcolo a taglio in assenza di compressione della muratura per azioni statiche
$f_{vd0 SLV}$	=	Resistenza di calcolo a taglio in assenza di compressione della muratura per azioni sismiche
h	=	Altezza



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m = Coefficiente di eccentricità

Maschio n. 2V (ver. statiche)

Xg=29.52 <m> Yg=-0.38 <m> L=1.15 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d} SLU <daN/cm ² >	τ _{0d} SLV <daN/cm ² >
-2.20	0.00	25.00	2.20	2.50					1.10	0.00	1.00	8.80						
0.00	3.78	30.00	3.60	-2.50			202	8.40	1.80	0.00	1.00	12.00	65.00	16.05	16.05	1.04	0.26	0.26
3.78	7.21	25.00	3.25		301	0.00	300	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CCTCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1 SLU	-8309.74	-1.91	0.00	2545.81	1.97	1.86	0.00	-20984.10	0.00	---	---	1.80	0.36	0.62	-34524.60	---
							1.89	-19458.30	0.00	---	---	1.80	0.36	0.62	-34524.60	---
							3.78	-17932.50	0.00	---	---	1.86	0.37	0.62	-34233.10	---
2 SLU	-7563.14	-1.82	0.00	2830.44	2.29	2.27	0.00	-20611.50	0.00	---	---	1.80	0.36	0.62	-34524.60	---
							1.89	-19085.80	0.00	---	---	1.80	0.36	0.62	-34524.60	---
							3.78	-17560.00	0.00	---	---	2.27	0.45	0.58	-32097.30	---
1 SLU	0.00	0.00	1272.19	2332.34	0.00	1.62	3.78	-8309.74	0.00	---	---	1.62	0.39	0.58	-20647.50	---
							5.50	-7155.97	0.00	---	---	1.62	0.39	0.58	-20647.50	---
2 SLU	0.00	0.00	1116.94	2047.72	0.00	1.62	3.78	-7563.14	0.00	---	---	1.62	0.39	0.58	-20647.50	---
							5.50	-6409.37	0.00	---	---	1.62	0.39	0.58	-20647.50	---

Maschio n. 4V (ver. statiche)

Xg=32.15 <m> Yg=-0.38 <m> L=1.20 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d} SLU <daN/cm ² >	τ _{0d} SLV <daN/cm ² >
-2.20	0.00	25.00	2.20	2.50					1.10	0.00	1.00	8.80						
0.00	3.78	30.00	3.60				202	8.40	1.80	0.00	1.00	12.00	65.00	16.05	16.05	1.04	0.26	0.26

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	2656.50	8.40	10.20	0.00	-21613.00	0.00	---	---	1.80	0.36	0.62	-36025.60	---
								1.89	-20020.90	0.00	---	---	5.10	1.02	0.39	-22607.30	---
2	SLU	0.00	0.00	0.00	2953.50	8.40	10.20	0.00	-21237.50	0.00	---	---	1.80	0.36	0.62	-36025.60	---
								1.89	-19645.30	0.00	---	---	5.10	1.02	0.39	-22607.30	---

Maschio n. 6V (ver. statiche)

Xg=34.80 <m> Yg=-0.38 <m> L=1.20 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d} SLU <daN/cm ² >	τ _{0d} SLV <daN/cm ² >
-2.20	0.00	25.00	2.20	2.50					1.10	0.00	1.00	8.80						
0.00	3.78	30.00	3.60	-2.50			202	8.40	1.80	0.00	1.00	12.00	65.00	16.05	16.05	1.04	0.26	0.26
3.78	7.21	25.00	3.25		301	0.00	300	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-8803.93	-1.92	0.00	2656.50	1.95	1.83	0.00	-21328.20	0.00	---	---	1.80	0.36	0.62	-36025.50	---



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									1.89	-19736.00	0.00	---	---	1.80	0.36	0.62	-36025.50	---
									3.78	-18143.90	0.00	---	---	1.83	0.37	0.62	-35881.70	---
2	SLU	-8037.98	-1.83	0.00	2953.50	2.26	2.23	0.00	-20965.90	0.00	---	---	---	1.80	0.36	0.62	-36025.50	---
									1.89	-19373.80	0.00	---	---	1.80	0.36	0.62	-36025.50	---
									3.78	-17781.70	0.00	---	---	2.23	0.45	0.58	-33705.90	---
1	SLU	0.00	0.00	1327.50	2433.75	0.00	1.62	3.78	-8803.93	0.00	---	---	---	1.62	0.39	0.58	-21545.10	---
									5.50	-7600.00	0.00	---	---	1.62	0.39	0.58	-21545.10	---
2	SLU	0.00	0.00	1165.50	2136.75	0.00	1.62	3.78	-8037.98	0.00	---	---	---	1.62	0.39	0.58	-21545.10	---
									5.50	-6834.05	0.00	---	---	1.62	0.39	0.58	-21545.10	---

Maschio n. 10V (ver. statiche)

Xg=22.20 <m> Yg=0.97 <m> L=3.60 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60				207	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
							208	7.00										

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-28237.30	0.00	---	---	1.80	0.43	0.52	-58312.50	---
								1.89	-24257.00	0.00	---	---	1.80	0.43	0.52	-58312.50	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-25762.90	0.00	---	---	1.80	0.43	0.52	-58312.50	---
								1.89	-21782.50	0.00	---	---	1.80	0.43	0.52	-58312.50	---

Maschio n. 12V (ver. statiche)

Xg=37.39 <m> Yg=2.48 <m> L=0.47 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.78	0.00					1.89	0.00	1.00	15.12	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25				305	7.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-1333.44	0.00	0.00	0.00	0.00	1.89	0.00	-2462.22	0.00	---	---	1.89	0.45	0.50	-7279.19	---
								1.89	-1937.04	0.00	---	---	1.89	0.45	0.50	-7279.19	---
								3.78	-1411.85	0.00	---	---	1.89	0.45	0.50	-7279.19	---
2	SLU	-1314.80	0.00	0.00	0.00	0.00	1.89	0.00	-2422.67	0.00	---	---	1.89	0.45	0.50	-7279.19	---
								1.89	-1897.49	0.00	---	---	1.89	0.45	0.50	-7279.19	---
								3.78	-1372.31	0.00	---	---	1.89	0.45	0.50	-7279.19	---
1	SLU	0.00	0.00	0.00	0.00	0.00	1.62	3.78	-1333.44	0.00	---	---	1.62	0.39	0.58	-8528.28	---
								5.50	-856.89	0.00	---	---	1.62	0.39	0.58	-8528.28	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.62	3.78	-1314.80	0.00	---	---	1.62	0.39	0.58	-8528.28	---
								5.50	-838.25	0.00	---	---	1.62	0.39	0.58	-8528.28	---

Maschio n. 14V (ver. statiche)

Xg=39.25 <m> Yg=2.48 <m> L=0.84 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.78	0.00					1.89	0.00	1.00	15.12	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25				305	7.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20



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Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-3839.81	0.00	0.00	0.00	0.00	1.89	0.00	-6058.30	0.00	---	---	1.89	0.45	0.50	-12949.40	---
								1.89	-5124.03	0.00	---	---	1.89	0.45	0.50	-12949.40	---
								3.78	-4189.75	0.00	---	---	1.89	0.45	0.50	-12949.40	---
2	SLU	-3582.56	0.00	0.00	0.00	0.00	1.89	0.00	-5885.88	0.00	---	---	1.89	0.45	0.50	-12949.40	---
								1.89	-4951.61	0.00	---	---	1.89	0.45	0.50	-12949.40	---
								3.78	-4017.34	0.00	---	---	1.89	0.45	0.50	-12949.40	---
1	SLU	0.00	0.00	0.00	0.00	0.00	1.62	3.78	-3839.81	0.00	---	---	1.62	0.39	0.58	-15171.40	---
								5.50	-2992.04	0.00	---	---	1.62	0.39	0.58	-15171.40	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.62	3.78	-3582.56	0.00	---	---	1.62	0.39	0.58	-15171.40	---
								5.50	-2734.79	0.00	---	---	1.62	0.39	0.58	-15171.40	---

Maschio n. 15V (ver. statiche)

Xg=27.73 <m> Yg=5.12 <m> L=1.15 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	202	0.00	201	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		300	0.00	304	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-4169.16	0.00	2545.81	2545.81	0.00	1.80	0.00	-16013.90	0.00	---	---	1.80	0.43	0.52	-18627.60	---
								1.89	-14742.40	0.00	---	---	1.80	0.43	0.52	-18627.60	---
								3.78	-13470.90	0.00	---	---	1.80	0.43	0.52	-18627.60	---
2	SLU	-3638.37	0.00	2830.44	2830.44	0.00	1.80	0.00	-15734.20	0.00	---	---	1.80	0.43	0.52	-18627.60	---
								1.89	-14462.70	0.00	---	---	1.80	0.43	0.52	-18627.60	---
								3.78	-13191.20	0.00	---	---	1.80	0.43	0.52	-18627.60	---
1	SLU	0.00	0.00	2332.34	2332.34	0.00	1.62	3.78	-4169.16	0.00	---	---	1.62	0.39	0.58	-20647.40	---
								5.50	-3015.40	0.00	---	---	1.62	0.39	0.58	-20647.40	---
2	SLU	0.00	0.00	2047.72	2047.72	0.00	1.62	3.78	-3638.37	0.00	---	---	1.62	0.39	0.58	-20647.40	---
								5.50	-2484.60	0.00	---	---	1.62	0.39	0.58	-20647.40	---

Maschio n. 17V (ver. statiche)

Xg=30.16 <m> Yg=5.12 <m> L=0.70 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	202	0.00	201	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		300	0.00	304	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-7227.24	0.00	1558.48	1558.48	0.00	1.80	0.00	-10715.90	0.00	---	---	1.80	0.43	0.52	-11403.40	---
								1.89	-9937.55	0.00	---	---	1.80	0.43	0.52	-11403.40	---
								3.78	-9159.17	0.00	---	---	1.80	0.43	0.52	-11403.40	---
2	SLU	-6517.66	0.00	1732.72	1732.72	0.00	1.80	0.00	-10742.00	0.00	---	---	1.80	0.43	0.52	-11403.40	---
								1.89	-9963.60	0.00	---	---	1.80	0.43	0.52	-11403.40	---
								3.78	-9185.22	0.00	---	---	1.80	0.43	0.52	-11403.40	---
1	SLU	0.00	0.00	1427.80	1427.80	0.00	1.62	3.78	-7227.24	0.00	---	---	1.62	0.39	0.58	-12639.90	---
								5.50	-6520.94	0.00	---	---	1.62	0.39	0.58	-12639.90	---
2	SLU	0.00	0.00	1253.56	1253.56	0.00	1.62	3.78	-6517.66	0.00	---	---	1.62	0.39	0.58	-12639.90	---
								5.50	-5811.36	0.00	---	---	1.62	0.39	0.58	-12639.90	---



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Maschio n. 18V (ver. statiche)

Xg=30.87 <m> Yg=5.12 <m> L=0.70 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		202	0.00	201	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1558.48	1558.48	0.00	1.80	0.00	-10284.60	0.00	---	---	1.80	0.43	0.52	-11403.30	---
								1.89	-9506.22	0.00	---	---	1.80	0.43	0.52	-11403.30	---
2	SLU	0.00	0.00	1732.72	1732.72	0.00	1.80	0.00	-10297.80	0.00	---	---	1.80	0.43	0.52	-11403.30	---
								1.89	-9519.41	0.00	---	---	1.80	0.43	0.52	-11403.30	---

Maschio n. 19V (ver. statiche)

Xg=32.63 <m> Yg=5.12 <m> L=2.82 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	202	0.00	201	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		300	0.00	304	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-21356.20	0.00	6233.92	6233.92	0.00	1.80	0.00	-36826.50	0.00	---	---	1.80	0.43	0.52	-45613.40	---
								1.89	-33713.00	0.00	---	---	1.80	0.43	0.52	-45613.40	---
								3.78	-30599.50	0.00	---	---	1.80	0.43	0.52	-45613.40	---
2	SLU	-19439.60	0.00	6930.88	6930.88	0.00	1.80	0.00	-36750.80	0.00	---	---	1.80	0.43	0.52	-45613.40	---
								1.89	-33637.30	0.00	---	---	1.80	0.43	0.52	-45613.40	---
								3.78	-30523.70	0.00	---	---	1.80	0.43	0.52	-45613.40	---
1	SLU	0.00	0.00	5711.20	5711.20	0.00	1.62	3.78	-21356.20	0.00	---	---	1.62	0.39	0.58	-50559.40	---
								5.50	-18531.00	0.00	---	---	1.62	0.39	0.58	-50559.40	---
2	SLU	0.00	0.00	5014.24	5014.24	0.00	1.62	3.78	-19439.60	0.00	---	---	1.62	0.39	0.58	-50559.40	---
								5.50	-16614.40	0.00	---	---	1.62	0.39	0.58	-50559.40	---

Maschio n. 20V (ver. statiche)

Xg=34.74 <m> Yg=5.12 <m> L=1.41 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		202	0.00	201	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	3116.95	3116.95	0.00	1.80	0.00	-15826.70	0.00	---	---	1.80	0.43	0.52	-22806.60	---
								1.89	-14270.00	0.00	---	---	1.80	0.43	0.52	-22806.60	---
2	SLU	0.00	0.00	3465.43	3465.43	0.00	1.80	0.00	-15711.80	0.00	---	---	1.80	0.43	0.52	-22806.60	---
								1.89	-14155.00	0.00	---	---	1.80	0.43	0.52	-22806.60	---

Maschio n. 21V (ver. statiche)



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Xg=36.15 <m> Yg=5.12 <m> L=1.41 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	202	0.00	201	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		300	0.00	304	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-7103.15	0.00	3116.96	3116.96	0.00	1.80	0.00	-14103.00	0.00	---	---	1.80	0.43	0.52	-22806.80	---
								1.89	-12546.20	0.00	---	---	1.80	0.43	0.52	-22806.80	---
								3.78	-10989.40	0.00	---	---	1.80	0.43	0.52	-22806.80	---
2	SLU	-6518.42	0.00	3465.44	3465.44	0.00	1.80	0.00	-13936.60	0.00	---	---	1.80	0.43	0.52	-22806.80	---
								1.89	-12379.80	0.00	---	---	1.80	0.43	0.52	-22806.80	---
								3.78	-10823.10	0.00	---	---	1.80	0.43	0.52	-22806.80	---
1	SLU	0.00	0.00	2855.60	2855.60	0.00	1.62	3.78	-7103.15	0.00	---	---	1.62	0.39	0.58	-25279.80	---
								5.50	-5690.54	0.00	---	---	1.62	0.39	0.58	-25279.80	---
2	SLU	0.00	0.00	2507.12	2507.12	0.00	1.62	3.78	-6518.42	0.00	---	---	1.62	0.39	0.58	-25279.80	---
								5.50	-5105.81	0.00	---	---	1.62	0.39	0.58	-25279.80	---

Maschio n. 23V (ver. statiche)

Xg=38.26 <m> Yg=7.97 <m> L=2.82 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	201	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		304	7.00			1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20
					305	7.00												

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-10397.60	0.00	2724.12	0.00	-1.45	3.25	0.00	-23540.80	0.00	---	---	1.80	0.43	0.52	-45678.10	---
								1.89	-20422.90	0.00	---	---	1.80	0.43	0.52	-45678.10	---
								3.78	-17305.00	0.00	---	---	3.25	0.78	0.41	-35315.50	---
2	SLU	-9829.40	0.00	3028.68	0.00	-1.65	3.45	0.00	-23071.30	0.00	---	---	1.80	0.43	0.52	-45678.10	---
								1.89	-19953.30	0.00	---	---	1.80	0.43	0.52	-45678.10	---
								3.78	-16835.40	0.00	---	---	3.45	0.83	0.39	-34008.00	---
1	SLU	0.00	0.00	2495.70	0.00	-7.00	8.62	3.78	-10397.60	0.00	---	---	1.62	0.39	0.58	-50631.20	---
								5.50	-7568.38	0.00	---	---	4.31	1.03	0.36	-31390.80	---
2	SLU	0.00	0.00	2191.14	0.00	-7.00	8.62	3.78	-9829.40	0.00	---	---	1.62	0.39	0.58	-50631.20	---
								5.50	-7000.16	0.00	---	---	4.31	1.03	0.36	-31390.80	---

Maschio n. 25V (ver. statiche)

Xg=31.38 <m> Yg=10.38 <m> L=1.45 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	-2.50					1.10	0.00	1.00	8.80						
0.00	3.78	30.00	3.60	2.50	201	0.00	200	0.00	1.80	0.00	1.00	12.00	65.00	16.05	16.05	1.04	0.26	0.26
3.78	7.21	25.00	3.25		304	0.00	303	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-13320.30	1.71	3209.93	2947.30	0.00	3.51	0.00	-36743.90	0.00	---	---	1.80	0.36	0.62	-43530.80	---
								1.89	-34820.10	0.00	---	---	1.80	0.36	0.62	-43530.80	---



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

								3.78	-32896.30	0.00	---	---	3.51	0.70	0.49	-34445.20	---
2	SLU	-12445.20	1.61	3568.81	3276.82	0.00	3.41	0.00	-37094.50	0.00	---	---	1.80	0.36	0.62	-43530.80	---
								1.89	-35170.60	0.00	---	---	1.80	0.36	0.62	-43530.80	---
								3.78	-33246.80	0.00	---	---	3.41	0.68	0.50	-34878.00	---
1	SLU	0.00	0.00	2940.78	1604.06	0.00	1.62	3.78	-13320.30	0.00	---	---	1.62	0.39	0.58	-26033.70	---
								5.50	-11865.60	0.00	---	---	1.62	0.39	0.58	-26033.70	---
2	SLU	0.00	0.00	2581.90	1408.31	0.00	1.62	3.78	-12445.20	0.00	---	---	1.62	0.39	0.58	-26033.70	---
								5.50	-10990.40	0.00	---	---	1.62	0.39	0.58	-26033.70	---

Maschio n. 27V (ver. statiche)

Xg=34.34 <m> Yg=10.38 <m> L=1.47 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{xx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	201	0.00	200	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		304	0.00	303	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-12234.00	0.00	3261.60	2994.74	0.00	1.80	0.00	-20145.00	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								1.89	-18516.00	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								3.78	-16887.00	0.00	---	---	1.80	0.43	0.52	-23865.00	---
2	SLU	-11101.80	0.00	3626.25	3329.55	0.00	1.80	0.00	-20373.20	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								1.89	-18744.20	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								3.78	-17115.20	0.00	---	---	1.80	0.43	0.52	-23865.00	---
1	SLU	0.00	0.00	2988.11	1629.88	0.00	1.62	3.78	-12234.00	0.00	---	---	1.62	0.39	0.58	-26452.70	---
								5.50	-10755.80	0.00	---	---	1.62	0.39	0.58	-26452.70	---
2	SLU	0.00	0.00	2623.46	1430.98	0.00	1.62	3.78	-11101.80	0.00	---	---	1.62	0.39	0.58	-26452.70	---
								5.50	-9623.62	0.00	---	---	1.62	0.39	0.58	-26452.70	---

Maschio n. 28V (ver. statiche)

Xg=35.81 <m> Yg=10.38 <m> L=1.47 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{xx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		201	0.00	200	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	3261.59	2994.73	0.00	1.80	0.00	-18052.20	0.00	---	---	1.80	0.43	0.52	-23864.90	---
								1.89	-16423.30	0.00	---	---	1.80	0.43	0.52	-23864.90	---
2	SLU	0.00	0.00	3626.24	3329.55	0.00	1.80	0.00	-18212.30	0.00	---	---	1.80	0.43	0.52	-23864.90	---
								1.89	-16583.40	0.00	---	---	1.80	0.43	0.52	-23864.90	---

Maschio n. 29V (ver. statiche)

Xg=37.28 <m> Yg=10.38 <m> L=1.47 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{xx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	201	0.00	200	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		304	0.00	303	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-7878.06	0.00	1801.73	2994.74	0.00	1.80	0.00	-15960.70	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								1.89	-14331.70	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								3.78	-12702.70	0.00	---	---	1.80	0.43	0.52	-23865.00	---
2	SLU	-7186.10	0.00	2003.16	3329.55	0.00	1.80	0.00	-16052.60	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								1.89	-14423.70	0.00	---	---	1.80	0.43	0.52	-23865.00	---
								3.78	-12794.70	0.00	---	---	1.80	0.43	0.52	-23865.00	---
1	SLU	0.00	0.00	1650.65	1629.88	0.00	1.62	3.78	-7878.06	0.00	---	---	1.62	0.39	0.58	-26452.70	---
								5.50	-6399.90	0.00	---	---	1.62	0.39	0.58	-26452.70	---
2	SLU	0.00	0.00	1449.21	1430.98	0.00	1.62	3.78	-7186.10	0.00	---	---	1.62	0.39	0.58	-26452.70	---
								5.50	-5707.94	0.00	---	---	1.62	0.39	0.58	-26452.70	---

Maschio n. 31V (ver. statiche)

Xg=39.30 <m> Yg=10.38 <m> L=0.75 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	201	0.00	200	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		304	0.00	303	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-3769.74	0.00	724.50	1524.47	0.00	1.80	0.00	-6671.21	0.00	---	---	1.80	0.43	0.52	-12148.40	---
								1.89	-5841.97	0.00	---	---	1.80	0.43	0.52	-12148.40	---
								3.78	-5012.73	0.00	---	---	1.80	0.43	0.52	-12148.40	---
2	SLU	-3560.25	0.00	805.50	1694.91	0.00	1.80	0.00	-6670.72	0.00	---	---	1.80	0.43	0.52	-12148.40	---
								1.89	-5841.48	0.00	---	---	1.80	0.43	0.52	-12148.40	---
								3.78	-5012.24	0.00	---	---	1.80	0.43	0.52	-12148.40	---
1	SLU	0.00	0.00	663.75	829.69	0.00	1.62	3.78	-3769.74	0.00	---	---	1.62	0.39	0.58	-13465.70	---
								5.50	-3017.29	0.00	---	---	1.62	0.39	0.58	-13465.70	---
2	SLU	0.00	0.00	582.75	728.44	0.00	1.62	3.78	-3560.25	0.00	---	---	1.62	0.39	0.58	-13465.70	---
								5.50	-2807.79	0.00	---	---	1.62	0.39	0.58	-13465.70	---

Maschio n. 32V (ver. statiche)

Xg=0.65 <m> Yg=13.38 <m> L=1.30 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		205	0.00	204	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-4738.86	0.00	---	---	1.80	0.43	0.52	-21057.30	---
								1.89	-3301.52	0.00	---	---	1.80	0.43	0.52	-21057.30	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-4502.34	0.00	---	---	1.80	0.43	0.52	-21057.30	---
								1.89	-3065.00	0.00	---	---	1.80	0.43	0.52	-21057.30	---

Maschio n. 34V (ver. statiche)

Xg=5.12 <m> Yg=13.38 <m> L=5.75 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		205	0.00	204	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

[illegible]

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{ss} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Z _v <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-16336.20	0.00	---	---	1.80	0.43	0.52	-93138.10	---
								1.89	-9978.74	0.00	---	---	1.80	0.43	0.52	-93138.10	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-15898.10	0.00	---	---	1.80	0.43	0.52	-93138.10	---
								1.89	-9540.57	0.00	---	---	1.80	0.43	0.52	-93138.10	---

[illegible]

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{ex} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-5460.74	0.00	---	---	1.80	0.43	0.52	-35635.40	---
								1.89	-3028.31	0.00	---	---	1.80	0.43	0.52	-35635.40	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-5386.78	0.00	---	---	1.80	0.43	0.52	-35635.40	---
								1.89	-2954.35	0.00	---	---	1.80	0.43	0.52	-35635.40	---

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cmq>	f _{d SLU} <daN/cmq>	f _{d SLV} <daN/cmq>	τ ₀ <daN/cmq>	τ _{0d SLU} <daN/cmq>	τ _{0d SLV} <daN/cmq>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		207	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

CC	TCC	N1 <daN>	e _{s1} <cm>	$\Sigma N2_{sx}$ <daN>	$\Sigma N2_{dx}$ <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ_t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-5105.99	0.00	---	---	1.80	0.43	0.52	-22677.10	---
								1.89	-3558.08	0.00	---	---	1.80	0.43	0.52	-22677.10	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-4866.94	0.00	---	---	1.80	0.43	0.52	-22677.10	---
								1.89	-3319.03	0.00	---	---	1.80	0.43	0.52	-22677.10	---

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{bx} <m>	d ₂ <m>	S _{dx} <m>	d ₂ <m>	e _a <m>	a <m>	ρ	λ	f _k <daN/cmq>	f _{d SLU} <daN/cmq>	f _{d SLV} <daN/cmq>	τ ₀ <daN/cmq>	τ _{0d SLU} <daN/cmq>	τ _{0d SLV} <daN/cmq>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		208	0.00	211	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Σv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-1745.20	0.00	---	---	1.80	0.43	0.52	-8098.96	---
								1.89	-1192.38	0.00	---	---	1.80	0.43	0.52	-8098.96	---



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2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-1656.83	0.00	---	---	1.80	0.43	0.52	-8098.96	---
								1.89	-1104.01	0.00	---	---	1.80	0.43	0.52	-8098.96	---

Maschio n. 41V (ver. statiche)

Xg=23.48 <m> Yg=15.43 <m> L=0.55 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d} SLU <daN/cm ² >	τ _{0d} SLV <daN/cm ² >
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		208	0.00	210	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-1658.84	0.00	---	---	1.80	0.43	0.52	-8908.85	---
								1.89	-1050.73	0.00	---	---	1.80	0.43	0.52	-8908.85	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-1584.81	0.00	---	---	1.80	0.43	0.52	-8908.85	---
								1.89	-976.70	0.00	---	---	1.80	0.43	0.52	-8908.85	---

Maschio n. 43V (ver. statiche)

Xg=25.90 <m> Yg=15.43 <m> L=2.50 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d} SLU <daN/cm ² >	τ _{0d} SLV <daN/cm ² >
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		208	0.00	210	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-9815.08	0.00	---	---	1.80	0.43	0.52	-40494.80	---
								1.89	-7050.95	0.00	---	---	1.80	0.43	0.52	-40494.80	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-9504.24	0.00	---	---	1.80	0.43	0.52	-40494.80	---
								1.89	-6740.11	0.00	---	---	1.80	0.43	0.52	-40494.80	---

Maschio n. 45V (ver. statiche)

Xg=31.45 <m> Yg=15.43 <m> L=0.60 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d} SLU <daN/cm ² >	τ _{0d} SLV <daN/cm ² >
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		200	0.00	209	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1219.58	0.00	0.00	1.80	0.00	-7323.02	0.00	---	---	1.80	0.43	0.52	-9718.73	---
								1.89	-6659.63	0.00	---	---	1.80	0.43	0.52	-9718.73	---
2	SLU	0.00	0.00	1355.93	0.00	0.00	1.80	0.00	-7993.41	0.00	---	---	1.80	0.43	0.52	-9718.73	---
								1.89	-7330.02	0.00	---	---	1.80	0.43	0.52	-9718.73	---

Maschio n. 47V (ver. statiche)

Xg=32.92 <m> Yg=15.43 <m> L=0.95 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		200	0.00	209	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1931.00	0.00	0.00	1.80	0.00	-7182.29	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-6131.93	0.00	---	---	1.80	0.43	0.52	-15388.00	---
2	SLU	0.00	0.00	2146.88	0.00	0.00	1.80	0.00	-7750.42	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-6700.05	0.00	---	---	1.80	0.43	0.52	-15388.00	---

Maschio n. 49V (ver. statiche)

Xg=37.73 <m> Yg=15.43 <m> L=3.87 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		200	7.00			1.80	3.87	0.57	8.20	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	7866.26	0.00	-7.00	8.80	0.00	-16907.70	0.00	---	---	1.80	0.43	0.68	-81269.40	---
								1.89	-12628.80	0.00	---	---	4.40	1.06	0.47	-55726.90	---
2	SLU	0.00	0.00	8745.71	0.00	-7.00	8.80	0.00	-17242.40	0.00	---	---	1.80	0.43	0.68	-81269.40	---
								1.89	-12963.50	0.00	---	---	4.40	1.06	0.47	-55726.90	---

Maschio n. 50V (ver. statiche)

Xg=23.80 <m> Yg=19.23 <m> L=1.20 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	f _{VK0} <daN/cm²>	f _{vd0 SLU} <daN/cm²>	f _{vd0 SLV} <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		210	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-3703.76	0.00	---	---	1.80	0.43	0.52	-19437.50	---
								1.89	-2376.98	0.00	---	---	1.80	0.43	0.52	-19437.50	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-3561.98	0.00	---	---	1.80	0.43	0.52	-19437.50	---
								1.89	-2235.20	0.00	---	---	1.80	0.43	0.52	-19437.50	---

Maschio n. 52V (ver. statiche)

Xg=26.95 <m> Yg=19.23 <m> L=2.19 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	f _{VK0} <daN/cm²>	f _{vd0 SLU} <daN/cm²>	f _{vd0 SLV} <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		210	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49
					209	7.00												

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
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Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<cm>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-7675.17	0.00	---	---	1.80	0.43	0.52	-35473.50	---
									1.89	-5253.79	0.00	---	---	1.80	0.43	0.52	-35473.50
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-7242.61	0.00	---	---	1.80	0.43	0.52	-35473.50	---
									1.89	-4821.23	0.00	---	---	1.80	0.43	0.52	-35473.50

Maschio n. 54V (ver. statiche)

Xg=29.62 <m> Yg=19.23 <m> L=0.27 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{ax}	d ₂	S _{ax}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	f _{VK0}	f _{vd0 SLU}	f _{vd0 SLV}
<m>	<m>	<cm>	<m>	<cm>		<cm>		<cm>	<cm>	<m>			<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		209	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	e _{s1}	ΣN _{2sx}	ΣN _{2dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<m>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-597.05	0.00	---	---	1.80	0.43	0.52	-4373.45	---
									1.89	-298.52	0.00	---	---	1.80	0.43	0.52	-4373.45
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-597.05	0.00	---	---	1.80	0.43	0.52	-4373.45	---
									1.89	-298.52	0.00	---	---	1.80	0.43	0.52	-4373.45

Maschio n. 56V (ver. statiche)

Xg=31.34 <m> Yg=19.23 <m> L=0.27 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{ax}	d ₂	S _{ax}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	f _{VK0}	f _{vd0 SLU}	f _{vd0 SLV}
<m>	<m>	<cm>	<m>	<cm>		<cm>		<cm>	<cm>	<m>			<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		209	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	e _{s1}	ΣN _{2sx}	ΣN _{2dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<m>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-597.05	0.00	---	---	1.80	0.43	0.52	-4373.45	---
									1.89	-298.52	0.00	---	---	1.80	0.43	0.52	-4373.45
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-597.05	0.00	---	---	1.80	0.43	0.52	-4373.45	---
									1.89	-298.52	0.00	---	---	1.80	0.43	0.52	-4373.45

Maschio n. 58V (ver. statiche)

Xg=33.06 <m> Yg=19.23 <m> L=0.27 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{ax}	d ₂	S _{ax}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	f _{VK0}	f _{vd0 SLU}	f _{vd0 SLV}
<m>	<m>	<cm>	<m>	<cm>		<cm>		<cm>	<cm>	<m>			<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		209	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	e _{s1}	ΣN _{2sx}	ΣN _{2dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<m>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-597.05	0.00	---	---	1.80	0.43	0.52	-4373.51	---
									1.89	-298.52	0.00	---	---	1.80	0.43	0.52	-4373.51
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-597.05	0.00	---	---	1.80	0.43	0.52	-4373.51	---
									1.89	-298.52	0.00	---	---	1.80	0.43	0.52	-4373.51

Maschio n. 60V (ver. statiche)



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Xg=35.23 <m> Yg=19.23 <m> L=1.15 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	f _{VK0} <daN/cm ² >	f _{Vd0} SLU <daN/cm ² >	f _{Vd0} SLV <daN/cm ² >
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		209	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-3296.21	0.00	---	---	1.80	0.43	0.52	-18627.60	---
								1.89	-2024.72	0.00	---	---	1.80	0.43	0.52	-18627.60	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-3200.89	0.00	---	---	1.80	0.43	0.52	-18627.60	---
								1.89	-1929.39	0.00	---	---	1.80	0.43	0.52	-18627.60	---

Maschio n. 61V (ver. statiche)

Xg=2.55 <m> Yg=20.73 <m> L=5.10 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	f _{VK0} <daN/cm ² >	f _{Vd0} SLU <daN/cm ² >	f _{Vd0} SLV <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		204	0.00	203	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	12600.20	0.00	1.80	0.00	-25004.50	0.00	---	---	1.80	0.43	0.52	-82609.40	---
								1.89	-19365.70	0.00	---	---	1.80	0.43	0.52	-82609.40	---
2	SLU	0.00	0.00	0.00	11062.50	0.00	1.80	0.00	-23314.10	0.00	---	---	1.80	0.43	0.52	-82609.40	---
								1.89	-17675.30	0.00	---	---	1.80	0.43	0.52	-82609.40	---

Maschio n. 63V (ver. statiche)

Xg=6.60 <m> Yg=20.73 <m> L=1.00 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	f _{VK0} <daN/cm ² >	f _{Vd0} SLU <daN/cm ² >	f _{Vd0} SLV <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		204	0.00	203	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	2470.62	0.00	1.80	0.00	-5577.88	0.00	---	---	1.80	0.43	0.52	-16197.90	---
								1.89	-4472.23	0.00	---	---	1.80	0.43	0.52	-16197.90	---
2	SLU	0.00	0.00	0.00	2169.12	0.00	1.80	0.00	-5164.56	0.00	---	---	1.80	0.43	0.52	-16197.90	---
								1.89	-4058.92	0.00	---	---	1.80	0.43	0.52	-16197.90	---

Maschio n. 65V (ver. statiche)

Xg=9.10 <m> Yg=20.98 <m> L=0.90 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	f _{VK0} <daN/cm ² >	f _{Vd0} SLU <daN/cm ² >	f _{Vd0} SLV <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60				203	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	2223.56	7.00	8.80	0.00	-7919.67	0.00	---	---	1.80	0.43	0.52	-14578.20	---
								1.89	-6924.58	0.00	---	---	4.40	1.06	0.32	-8844.37	---
2	SLU	0.00	0.00	0.00	1952.21	7.00	8.80	0.00	-7196.07	0.00	---	---	1.80	0.43	0.52	-14578.20	---
								1.89	-6200.98	0.00	---	---	4.40	1.06	0.32	-8844.37	---

Maschio n. 67V (ver. statiche)

Xg=11.47 <m> Yg=20.98 <m> L=0.95 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	f _{yk0} <daN/cm ² >	f _{vd0 SLU} <daN/cm ² >	f _{vd0 SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60				203	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	2347.09	7.00	8.80	0.00	-8030.23	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-6979.86	0.00	---	---	4.40	1.06	0.32	-9335.72	---
2	SLU	0.00	0.00	0.00	2060.67	7.00	8.80	0.00	-7306.63	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-6256.26	0.00	---	---	4.40	1.06	0.32	-9335.72	---

Maschio n. 69V (ver. statiche)

Xg=17.05 <m> Yg=20.98 <m> L=7.30 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	f _{yk0} <daN/cm ² >	f _{vd0 SLU} <daN/cm ² >	f _{vd0 SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60				203	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	18035.60	7.00	8.80	0.00	-38243.30	0.00	---	---	1.80	0.43	0.52	-118245.00	---
								1.89	-30172.10	0.00	---	---	4.40	1.06	0.32	-71737.60	---
2	SLU	0.00	0.00	0.00	15834.60	7.00	8.80	0.00	-35547.10	0.00	---	---	1.80	0.43	0.52	-118245.00	---
								1.89	-27475.80	0.00	---	---	4.40	1.06	0.32	-71737.60	---

Maschio n. 71V (ver. statiche)

Xg=0.50 <m> Yg=27.43 <m> L=1.00 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	f _{yk0} <daN/cm ² >	f _{vd0 SLU} <daN/cm ² >	f _{vd0 SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2470.62	0.00	-7.00	8.80	0.00	-6810.96	0.00	---	---	1.80	0.43	0.52	-16197.90	---
								1.89	-5705.31	0.00	---	---	4.40	1.06	0.32	-9827.06	---
2	SLU	0.00	0.00	2169.12	0.00	-7.00	8.80	0.00	-6249.96	0.00	---	---	1.80	0.43	0.52	-16197.90	---
								1.89	-5144.31	0.00	---	---	4.40	1.06	0.32	-9827.06	---



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Maschio n. 73V (ver. statiche)

Xg=4.47 <m> Yg=27.43 <m> L=0.95 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{xx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm²>	f _d SLU <daN/cm²>	f _d SLV <daN/cm²>	f _{yk0} <daN/cm²>	f _{vd0} SLU <daN/cm²>	f _{vd0} SLV <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2347.09	0.00	-7.00	8.80	0.00	-9944.97	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-8894.60	0.00	---	---	4.40	1.06	0.32	-9335.71	---
2	SLU	0.00	0.00	2060.67	0.00	-7.00	8.80	0.00	-8987.71	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-7937.34	0.00	---	---	4.40	1.06	0.32	-9335.71	---

Maschio n. 75V (ver. statiche)

Xg=6.75 <m> Yg=27.43 <m> L=0.70 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{xx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm²>	f _d SLU <daN/cm²>	f _d SLV <daN/cm²>	f _{yk0} <daN/cm²>	f _{vd0} SLU <daN/cm²>	f _{vd0} SLV <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1729.44	0.00	-7.00	8.80	0.00	-6859.75	0.00	---	---	1.80	0.43	0.52	-11338.50	---
								1.89	-6085.80	0.00	---	---	4.40	1.06	0.32	-6878.94	---
2	SLU	0.00	0.00	1518.39	0.00	-7.00	8.80	0.00	-6211.53	0.00	---	---	1.80	0.43	0.52	-11338.50	---
								1.89	-5437.57	0.00	---	---	4.40	1.06	0.32	-6878.94	---

Maschio n. 77V (ver. statiche)

Xg=9.03 <m> Yg=27.43 <m> L=0.95 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{xx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm²>	f _d SLU <daN/cm²>	f _d SLV <daN/cm²>	f _{yk0} <daN/cm²>	f _{vd0} SLU <daN/cm²>	f _{vd0} SLV <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2347.09	0.00	-7.00	8.80	0.00	-8030.23	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-6979.87	0.00	---	---	4.40	1.06	0.32	-9335.72	---
2	SLU	0.00	0.00	2060.67	0.00	-7.00	8.80	0.00	-7306.63	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-6256.27	0.00	---	---	4.40	1.06	0.32	-9335.72	---

Maschio n. 79V (ver. statiche)

Xg=11.47 <m> Yg=27.43 <m> L=1.05 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{xx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm²>	f _d SLU <daN/cm²>	f _d SLV <daN/cm²>	f _{yk0} <daN/cm²>	f _{vd0} SLU <daN/cm²>	f _{vd0} SLV <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2594.16	0.00	-7.00	8.80	0.00	-8498.43	0.00	---	---	1.80	0.43	0.52	-17007.80	---
								1.89	-7337.49	0.00	---	---	4.40	1.06	0.32	-10318.40	---
2	SLU	0.00	0.00	2277.58	0.00	-7.00	8.80	0.00	-7744.68	0.00	---	---	1.80	0.43	0.52	-17007.80	---
								1.89	-6583.74	0.00	---	---	4.40	1.06	0.32	-10318.40	---

Maschio n. 81V (ver. statiche)

Xg=14.50 <m> Yg=27.43 <m> L=2.10 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	f _{VK0} <daN/cm ² >	f _{Vd0 SLU} <daN/cm ² >	f _{Vd0 SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	5188.31	0.00	-7.00	8.80	0.00	-13414.40	0.00	---	---	1.80	0.43	0.52	-34015.70	---
								1.89	-11092.60	0.00	---	---	4.40	1.06	0.32	-20636.80	---
2	SLU	0.00	0.00	4555.16	0.00	-7.00	8.80	0.00	-12344.10	0.00	---	---	1.80	0.43	0.52	-34015.70	---
								1.89	-10022.30	0.00	---	---	4.40	1.06	0.32	-20636.80	---

Maschio n. 83V (ver. statiche)

Xg=17.30 <m> Yg=27.43 <m> L=0.60 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	f _{VK0} <daN/cm ² >	f _{Vd0 SLU} <daN/cm ² >	f _{Vd0 SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1482.38	0.00	-7.00	8.80	0.00	-6391.56	0.00	---	---	1.80	0.43	0.52	-9718.73	---
								1.89	-5728.17	0.00	---	---	4.40	1.06	0.32	-5896.22	---
2	SLU	0.00	0.00	1301.48	0.00	-7.00	8.80	0.00	-5773.48	0.00	---	---	1.80	0.43	0.52	-9718.73	---
								1.89	-5110.09	0.00	---	---	4.40	1.06	0.32	-5896.22	---

Maschio n. 85V (ver. statiche)

Xg=19.35 <m> Yg=27.43 <m> L=0.60 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	f _{VK0} <daN/cm ² >	f _{Vd0 SLU} <daN/cm ² >	f _{Vd0 SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1482.38	0.00	-7.00	8.80	0.00	-6391.56	0.00	---	---	1.80	0.43	0.52	-9718.73	---
								1.89	-5728.17	0.00	---	---	4.40	1.06	0.32	-5896.22	---
2	SLU	0.00	0.00	1301.48	0.00	-7.00	8.80	0.00	-5773.49	0.00	---	---	1.80	0.43	0.52	-9718.73	---
								1.89	-5110.10	0.00	---	---	4.40	1.06	0.32	-5896.22	---



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Maschio n. 87V (ver. statiche)

Xg=22.15 <m> Yg=27.43 <m> L=2.10 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{xx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	f _{yk0}	f _{yd0 SLU}	f _{yd0 SLV}
<m>	<m>	<cm>	<m>	<cm>		<cm>		<cm>	<cm>	<cm>			<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	e _{s1}	ΣN _{2sx}	ΣN _{2dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<m>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	5188.31	0.00	-7.00	8.80	0.00	-9990.84	0.00	---	---	1.80	0.43	0.52	-34015.60	---
									1.89	-7668.98	0.00	---	4.40	1.06	0.32	-20636.80	---
2	SLU	0.00	0.00	4555.16	0.00	-7.00	8.80	0.00	-9337.09	0.00	---	---	1.80	0.43	0.52	-34015.60	---
									1.89	-7015.22	0.00	---	4.40	1.06	0.32	-20636.80	---

Maschio n. 88V (ver. statiche)

Xg=0.12 <m> Yg=1.60 <m> L=3.20 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{xx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	τ ₀	τ _{0d SLU}	τ _{0d SLV}
<m>	<m>	<cm>	<m>	<cm>		<cm>		<cm>	<cm>	<cm>			<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		205	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	e _{s1}	ΣN _{2sx}	ΣN _{2dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<m>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	8378.00	0.00	-7.00	8.80	0.00	-18857.70	0.00	---	---	1.80	0.43	0.52	-51833.40	---
									1.89	-15319.60	0.00	---	4.40	1.06	0.32	-31446.60	---
2	SLU	0.00	0.00	7355.60	0.00	-7.00	8.80	0.00	-17420.00	0.00	---	---	1.80	0.43	0.52	-51833.40	---
									1.89	-13881.90	0.00	---	4.40	1.06	0.32	-31446.60	---

Maschio n. 90V (ver. statiche)

Xg=0.12 <m> Yg=7.35 <m> L=3.10 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{xx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	τ ₀	τ _{0d SLU}	τ _{0d SLV}
<m>	<m>	<cm>	<m>	<cm>		<cm>		<cm>	<cm>	<cm>			<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		205	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	e _{s1}	ΣN _{2sx}	ΣN _{2dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<m>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	8116.19	0.00	-7.00	8.80	0.00	-20272.90	0.00	---	---	1.80	0.43	0.52	-50213.60	---
									1.89	-16845.40	0.00	---	4.40	1.06	0.32	-30463.90	---
2	SLU	0.00	0.00	7125.74	0.00	-7.00	8.80	0.00	-18635.50	0.00	---	---	1.80	0.43	0.52	-50213.60	---
									1.89	-15208.00	0.00	---	4.40	1.06	0.32	-30463.90	---

Maschio n. 92V (ver. statiche)

Xg=0.12 <m> Yg=10.82 <m> L=0.95 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{xx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	τ ₀	τ _{0d SLU}	τ _{0d SLV}
<m>	<m>	<cm>	<m>	<cm>		<cm>		<cm>	<cm>	<cm>			<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>

[illegible]

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2s} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2487.22	0.00	-7.00	8.80	0.00	-8384.23	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-7333.87	0.00	---	---	4.40	1.06	0.32	-9335.72	---
2	SLU	0.00	0.00	2183.69	0.00	-7.00	8.80	0.00	-7617.43	0.00	---	---	1.80	0.43	0.52	-15388.00	---
								1.89	-6567.07	0.00	---	---	4.40	1.06	0.32	-9335.72	---

[illegible]

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	8116.19	0.00	-7.00	8.80	0.00	-16968.80	0.00	---	---	1.80	0.43	0.52	-50213.60	---
								1.89	-13541.30	0.00	---	---	4.40	1.06	0.32	-30463.90	---
2	SLU	0.00	0.00	7125.74	0.00	-7.00	8.80	0.00	-15743.60	0.00	---	---	1.80	0.43	0.52	-50213.60	---
								1.89	-12316.10	0.00	---	---	4.40	1.06	0.32	-30463.90	---

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{xx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	f _k <dAN/cmq>	f _{d SLU} <dAN/cmq>	f _{d SLV} <dAN/cmq>	τ ₀ <dAN/cmq>	τ _{0d SLU} <dAN/cmq>	τ _{0d SLV} <dAN/cmq>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		204	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2356.31	0.00	-7.00	8.80	0.00	-8273.67	0.00	---	---	1.80	0.43	0.52	-14578.20	---
								1.89	-7278.59	0.00	---	---	4.40	1.06	0.32	-8844.37	---
2	SLU	0.00	0.00	2068.76	0.00	-7.00	8.80	0.00	-7506.87	0.00	---	---	1.80	0.43	0.52	-14578.20	---
								1.89	-6511.79	0.00	---	---	4.40	1.06	0.32	-8844.37	---

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cmq>	f _{d SLU} <daN/cmq>	f _{d SLV} <daN/cmq>	τ ₀ <daN/cmq>	τ _{0d SLU} <daN/cmq>	τ _{0d SLV} <daN/cmq>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		204	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2s_x} <daN>	ΣN _{2d_x} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	2879.94	0.00	-7.00	8.80	0.00	-6522.39	0.00	---	---	1.80	0.43	0.52	-17817.70	---



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								1.89	-5306.18	0.00	---	---	4.40	1.06	0.32	-10809.80	---
2	SLU	0.00	0.00	2528.49	0.00	-7.00	8.80	0.00	-6019.10	0.00	---	---	1.80	0.43	0.52	-17817.70	---
								1.89	-4802.89	0.00	---	---	4.40	1.06	0.32	-10809.80	---

Maschio n. 99V (ver. statiche)

Xg=0.12 <m> Yg=20.98 <m> L=0.25 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	f _{VK0}	f _{Vd0 SLU}	f _{Vd0 SLV}
<cm>	<cm>	<cm>	<cm>	<cm>		<cm>		<cm>	<cm>	<cm>			<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<cm>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-1415.04	0.00	---	---	1.80	0.43	0.52	-4049.51	---
								1.89	-1138.63	0.00	---	---	1.80	0.43	0.52	-4049.51	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-1329.23	0.00	---	---	1.80	0.43	0.52	-4049.51	---
								1.89	-1052.81	0.00	---	---	1.80	0.43	0.52	-4049.51	---

Maschio n. 101V (ver. statiche)

Xg=0.12 <m> Yg=25.05 <m> L=5.00 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	f _{VK0}	f _{Vd0 SLU}	f _{Vd0 SLV}
<cm>	<cm>	<cm>	<cm>	<cm>		<cm>		<cm>	<cm>	<cm>			<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		203	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<cm>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-12633.40	0.00	---	---	1.80	0.43	0.52	-80989.60	---
								1.89	-7105.15	0.00	---	---	1.80	0.43	0.52	-80989.60	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-12440.70	0.00	---	---	1.80	0.43	0.52	-80989.60	---
								1.89	-6912.40	0.00	---	---	1.80	0.43	0.52	-80989.60	---

Maschio n. 102V (ver. statiche)

Xg=6.97 <m> Yg=1.57 <m> L=3.15 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	f _{VK0}	f _{Vd0 SLU}	f _{Vd0 SLV}
<cm>	<cm>	<cm>	<cm>	<cm>		<cm>		<cm>	<cm>	<cm>			<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>	<daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.85	0.13	1.14						
0.00	3.78	25.00	3.60			205	7.00		1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
					206	0.00	205	0.00										

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<cm>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	5767.25	8247.09	1.11	2.91	0.00	-23158.30	0.00	---	---	1.80	0.43	0.52	-51023.50	---
								1.89	-19675.50	0.00	---	---	1.80	0.43	0.52	-51023.50	---
2	SLU	0.00	0.00	5063.45	7240.67	1.11	2.91	0.00	-21182.30	0.00	---	---	1.80	0.43	0.52	-51023.50	---
								1.89	-17699.50	0.00	---	---	1.80	0.43	0.52	-51023.50	---

Maschio n. 104V (ver. statiche)

Xg=6.97 <m> Yg=6.10 <m> L=4.20 <m>



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Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{xx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		206	0.00	205	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	10531.50	10996.10	0.00	1.80	0.00	-42347.70	0.00	---	---	1.80	0.43	0.52	-68031.30	---
								1.89	-37704.00	0.00	---	---	1.80	0.43	0.52	-68031.30	---
2	SLU	0.00	0.00	9246.30	9654.22	0.00	1.80	0.00	-38313.30	0.00	---	---	1.80	0.43	0.52	-68031.30	---
								1.89	-33669.50	0.00	---	---	1.80	0.43	0.52	-68031.30	---

Maschio n. 106V (ver. statiche)

Xg=6.97 <m> Yg=12.68 <m> L=1.65 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{xx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		206	0.00	205	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	4137.37	4319.91	0.00	1.80	0.00	-20849.80	0.00	---	---	1.80	0.43	0.52	-26726.60	---
								1.89	-19025.50	0.00	---	---	1.80	0.43	0.52	-26726.60	---
2	SLU	0.00	0.00	3632.47	3792.73	0.00	1.80	0.00	-18746.90	0.00	---	---	1.80	0.43	0.52	-26726.60	---
								1.89	-16922.60	0.00	---	---	1.80	0.43	0.52	-26726.60	---

Maschio n. 108V (ver. statiche)

Xg=6.97 <m> Yg=18.32 <m> L=5.05 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{xx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60				204	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	13221.50	7.00	8.80	0.00	-28343.90	0.00	---	---	1.80	0.43	0.52	-81799.50	---
								1.89	-22760.30	0.00	---	---	4.40	1.06	0.32	-49626.70	---
2	SLU	0.00	0.00	0.00	11608.10	7.00	8.80	0.00	-26230.90	0.00	---	---	1.80	0.43	0.52	-81799.50	---
								1.89	-20647.40	0.00	---	---	4.40	1.06	0.32	-49626.70	---

Maschio n. 109V (ver. statiche)

Xg=6.97 <m> Yg=21.00 <m> L=0.30 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{xx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	f _{VK0} <daN/cm²>	f _{Vd0 SLU} <daN/cm²>	f _{Vd0 SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.78						1.89	0.00	1.00	15.12	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.89	0.00	-1973.06	0.00	---	---	1.89	0.45	0.50	-4597.39	---
								1.89	-1641.36	0.00	---	---	1.89	0.45	0.50	-4597.39	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.89	0.00	-1832.54	0.00	---	---	1.89	0.45	0.50	-4597.39	---
								1.89	-1500.84	0.00	---	---	1.89	0.45	0.50	-4597.39	---

Maschio n. 111V (ver. statiche)

Xg=13.78 <m> Yg=1.95 <m> L=2.20 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		207	0.00	206	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	5516.50	5516.50	0.00	1.80	0.00	-24674.10	0.00	---	---	1.80	0.43	0.52	-35635.40	---
								1.89	-22241.70	0.00	---	---	1.80	0.43	0.52	-35635.40	---
2	SLU	0.00	0.00	4843.30	4843.30	0.00	1.80	0.00	-22256.70	0.00	---	---	1.80	0.43	0.52	-35635.40	---
								1.89	-19824.30	0.00	---	---	1.80	0.43	0.52	-35635.40	---

Maschio n. 113V (ver. statiche)

Xg=13.78 <m> Yg=7.38 <m> L=1.65 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	2.50					1.10	0.00	1.00	8.80						
0.00	3.78	30.00	3.60		207	0.00	206	0.00	1.80	0.00	1.00	12.00	65.00	16.05	16.05	1.04	0.26	0.26

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	4137.38	4137.37	0.00	1.80	0.00	-30581.80	0.00	---	---	1.80	0.36	0.62	-49535.20	---
								1.89	-28392.60	0.00	---	---	1.80	0.36	0.62	-49535.20	---
2	SLU	0.00	0.00	3632.47	3632.47	0.00	1.80	0.00	-27384.10	0.00	---	---	1.80	0.36	0.62	-49535.20	---
								1.89	-25194.90	0.00	---	---	1.80	0.36	0.62	-49535.20	---

Maschio n. 115V (ver. statiche)

Xg=13.78 <m> Yg=12.68 <m> L=1.65 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm ² >	f _{d SLU} <daN/cm ² >	f _{d SLV} <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{0d SLU} <daN/cm ² >	τ _{0d SLV} <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		207	0.00	206	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	4137.38	4137.37	0.00	1.80	0.00	-20479.90	0.00	---	---	1.80	0.43	0.52	-26726.60	---
								1.89	-18655.60	0.00	---	---	1.80	0.43	0.52	-26726.60	---
2	SLU	0.00	0.00	3632.47	3632.47	0.00	1.80	0.00	-18427.10	0.00	---	---	1.80	0.43	0.52	-26726.60	---
								1.89	-16602.80	0.00	---	---	1.80	0.43	0.52	-26726.60	---

Maschio n. 116V (ver. statiche)



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Xg=17.12 <m> Yg=1.38 <m> L=1.05 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.78						1.89	0.00	1.00	15.12	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.89	0.00	-2321.86	0.00	---	---	1.89	0.45	0.50	-16090.90	---
								1.89	-1160.93	0.00	---	---	1.89	0.45	0.50	-16090.90	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.89	0.00	-2321.86	0.00	---	---	1.89	0.45	0.50	-16090.90	---
								1.89	-1160.93	0.00	---	---	1.89	0.45	0.50	-16090.90	---

Maschio n. 118V (ver. statiche)

Xg=20.57 <m> Yg=10.15 <m> L=6.70 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		208	0.00	207	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	15935.50	16800.30	0.00	1.80	0.00	-56048.50	0.00	---	---	1.80	0.43	0.52	-108526.00	---
								1.89	-48640.60	0.00	---	---	1.80	0.43	0.52	-108526.00	---
2	SLU	0.00	0.00	13990.90	14750.10	0.00	1.80	0.00	-51010.40	0.00	---	---	1.80	0.43	0.52	-108526.00	---
								1.89	-43602.60	0.00	---	---	1.80	0.43	0.52	-108526.00	---

Maschio n. 120V (ver. statiche)

Xg=20.57 <m> Yg=15.24 <m> L=0.61 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		208	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1450.85	0.00	-7.00	8.80	0.00	-2727.00	0.00	---	---	1.80	0.43	0.52	-9880.75	---
								1.89	-2052.55	0.00	---	---	4.40	1.06	0.32	-5994.51	---
2	SLU	0.00	0.00	1273.80	0.00	-7.00	8.80	0.00	-2549.35	0.00	---	---	1.80	0.43	0.52	-9880.75	---
								1.89	-1874.91	0.00	---	---	4.40	1.06	0.32	-5994.51	---

Maschio n. 121V (ver. statiche)

Xg=20.57 <m> Yg=16.20 <m> L=1.30 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <cm>	d ₁ <cm>	S _{xx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <cm>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	f _{VK0} <daN/cm²>	f _{Vd0 SLU} <daN/cm²>	f _{Vd0 SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		211	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	1198.44	0.00	-7.00	8.80	0.00	-6575.52	0.00	---	---	1.80	0.43	0.52	-21057.30	---
								1.89	-5138.17	0.00	---	---	4.40	1.06	0.32	-12775.20	---
2	SLU	0.00	0.00	1052.19	0.00	-7.00	8.80	0.00	-6144.87	0.00	---	---	1.80	0.43	0.52	-21057.30	---
								1.89	-4707.52	0.00	---	---	4.40	1.06	0.32	-12775.20	---

Maschio n. 123V (ver. statiche)

Xg=20.57 <m> Yg=20.43 <m> L=0.85 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	f _{VK0} <daN/cm²>	f _{vd0 SLU} <daN/cm²>	f _{vd0 SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	0.00	1.00	8.80						
0.00	3.78	25.00	3.60		211	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	783.59	0.00	-7.00	8.80	0.00	-4929.34	0.00	---	---	1.80	0.43	0.52	-13768.20	---
								1.89	-3989.54	0.00	---	---	4.40	1.06	0.32	-8352.99	---
2	SLU	0.00	0.00	687.97	0.00	-7.00	8.80	0.00	-4556.37	0.00	---	---	1.80	0.43	0.52	-13768.20	---
								1.89	-3616.57	0.00	---	---	4.40	1.06	0.32	-8352.99	---

Maschio n. 124V (ver. statiche)

Xg=23.07 <m> Yg=17.45 <m> L=3.80 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	f _{VK0} <daN/cm²>	f _{vd0 SLU} <daN/cm²>	f _{vd0 SLV} <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	3.80	1.00	2.00						
0.00	3.78	25.00	3.60		210	0.00	211	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	5534.94	3503.13	0.00	1.80	0.00	-16466.70	0.00	---	---	1.80	0.43	0.52	-61552.10	---
								1.89	-12265.30	0.00	---	---	1.80	0.43	0.52	-61552.10	---
2	SLU	0.00	0.00	4859.49	3075.63	0.00	1.80	0.00	-15516.30	0.00	---	---	1.80	0.43	0.52	-61552.10	---
								1.89	-11314.80	0.00	---	---	1.80	0.43	0.52	-61552.10	---

Maschio n. 126V (ver. statiche)

Xg=23.07 <m> Yg=20.64 <m> L=0.33 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx} <cm>	d ₂ <cm>	S _{dx} <cm>	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	f _{VK0} <daN/cm²>	f _{vd0 SLU} <daN/cm²>	f _{vd0 SLV} <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60				211	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN _{2sx} <daN>	ΣN _{2dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <cm>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	299.61	7.00	8.80	0.00	-1266.69	0.00	---	---	1.80	0.43	0.52	-5264.28	---
								1.89	-907.36	0.00	---	---	4.40	1.06	0.32	-3193.77	---
2	SLU	0.00	0.00	0.00	263.05	7.00	8.80	0.00	-1202.48	0.00	---	---	1.80	0.43	0.52	-5264.28	---
								1.89	-843.14	0.00	---	---	4.40	1.06	0.32	-3193.77	---



Adeguamento antisismico della scuola materna di Botticino Mattina – Caduti delle Cave
Progetto Esecutivo

Maschio n. 127V (ver. statiche)

Xg=23.07 <m> Yg=24.20 <m> L=6.70 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d1 <cm>	Ssx <cm>	d2 <cm>	Sdx <cm>	d2 <cm>	ea <cm>	a <m>	p	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	f _{yk0} <daN/cm ² >	f _{vd0} SLU <daN/cm ² >	f _{vd0} SLV <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	6.70	1.00	8.80						
0.00	3.78	25.00	3.60				203	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	es1 <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	es2 <cm>	e1 <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e2 <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-19770.80	0.00	---	---	1.80	0.43	0.52	-108526.00	---
								1.89	-12362.90	0.00	---	---	1.80	0.43	0.52	-108526.00	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-19164.30	0.00	---	---	1.80	0.43	0.52	-108526.00	---
								1.89	-11756.40	0.00	---	---	1.80	0.43	0.52	-108526.00	---

Maschio n. 128V (ver. statiche)

Xg=27.27 <m> Yg=1.80 <m> L=4.60 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d1 <cm>	Ssx <cm>	d2 <cm>	Sdx <cm>	d2 <cm>	ea <cm>	a <m>	p	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{vd0} SLU <daN/cm ² >	τ _{vd0} SLV <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	1.35	0.27	2.41						
0.00	3.78	25.00	3.60	0.00	202	7.00			1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
						202	0.00	208	0.00									
3.78	7.21	25.00	3.25		300	0.00	302	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	es1 <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	es2 <cm>	e1 <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e2 <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-19561.00	0.00	0.00	7729.92	0.00	1.80	0.00	-44688.50	0.00	---	---	1.80	0.43	0.52	-74510.50	---
								1.89	-39602.50	0.00	---	---	1.80	0.43	0.52	-74510.50	---
								3.78	-34516.50	0.00	---	---	1.80	0.43	0.52	-74510.50	---
2	SLU	-18641.60	0.00	0.00	6786.61	0.00	1.80	0.00	-42908.40	0.00	---	---	1.80	0.43	0.52	-74510.50	---
								1.89	-37822.40	0.00	---	---	1.80	0.43	0.52	-74510.50	---
								3.78	-32736.40	0.00	---	---	1.80	0.43	0.52	-74510.50	---
1	SLU	0.00	0.00	0.00	5088.75	0.00	1.62	3.78	-19561.00	0.00	---	---	1.62	0.39	0.58	-82589.90	---
								5.50	-14945.90	0.00	---	---	1.62	0.39	0.58	-82589.90	---
2	SLU	0.00	0.00	0.00	4467.75	0.00	1.62	3.78	-18641.60	0.00	---	---	1.62	0.39	0.58	-82589.90	---
								5.50	-14026.50	0.00	---	---	1.62	0.39	0.58	-82589.90	---

Maschio n. 130V (ver. statiche)

Xg=27.27 <m> Yg=7.75 <m> L=5.50 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d1 <cm>	Ssx <cm>	d2 <cm>	Sdx <cm>	d2 <cm>	ea <cm>	a <m>	p	λ	f _k <daN/cm ² >	f _d SLU <daN/cm ² >	f _d SLV <daN/cm ² >	τ ₀ <daN/cm ² >	τ _{vd0} SLU <daN/cm ² >	τ _{vd0} SLV <daN/cm ² >
-2.20	0.00	25.00	2.20	0.00					1.10	5.50	1.00	8.80						
0.00	3.78	25.00	3.60	0.00	201	0.00	208	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		304	0.00	302	0.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	es1 <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	es2 <cm>	e1 <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e2 <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-24452.90	0.00	0.00	13081.40	0.00	1.80	0.00	-55961.50	0.00	---	---	1.80	0.43	0.52	-89088.60	---
								1.89	-49880.40	0.00	---	---	1.80	0.43	0.52	-89088.60	---
								3.78	-43799.30	0.00	---	---	1.80	0.43	0.52	-89088.60	---
2	SLU	-23646.50	0.00	0.00	11485.00	0.00	1.80	0.00	-53790.00	0.00	---	---	1.80	0.43	0.52	-89088.60	---
								1.89	-47708.90	0.00	---	---	1.80	0.43	0.52	-89088.60	---
								3.78	-41627.80	0.00	---	---	1.80	0.43	0.52	-89088.60	---



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1	SLU	0.00	0.00	0.00	6084.38	0.00	1.62	3.78	-24452.90	0.00	---	---	1.62	0.39	0.58	-98748.80	---
								5.50	-18934.90	0.00	---	---	1.62	0.39	0.58	-98748.80	---
2	SLU	0.00	0.00	0.00	5341.88	0.00	1.62	3.78	-23646.50	0.00	---	---	1.62	0.39	0.58	-98748.80	---
								5.50	-18128.50	0.00	---	---	1.62	0.39	0.58	-98748.80	---

Maschio n. 131V (ver. statiche)

Xg=27.27 <m> Yg=11.53 <m> L=1.95 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{xx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	τ ₀	τ _{0d SLU}	τ _{0d SLV}
<m>	<m>	<cm>	<m>	<cm>		<cm>		<cm>	<cm>	<m>			<daN/cm²	<daN/cm²	<daN/cm²	<daN/cm²	<daN/cm²	<daN/cm²
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		200	0.00	208	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	e _{s1}	ΣN _{2 SX}	ΣN _{2 dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<m>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	0.00	4637.95	0.00	1.80	0.00	-20414.90	0.00	---	---	1.80	0.43	0.52	-31586.00	---
								1.89	-18258.90	0.00	---	---	1.80	0.43	0.52	-31586.00	---
2	SLU	0.00	0.00	0.00	4071.96	0.00	1.80	0.00	-19635.90	0.00	---	---	1.80	0.43	0.52	-31586.00	---
								1.89	-17479.90	0.00	---	---	1.80	0.43	0.52	-31586.00	---

Maschio n. 133V (ver. statiche)

Xg=27.27 <m> Yg=14.78 <m> L=1.55 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{xx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	τ ₀	τ _{0d SLU}	τ _{0d SLV}
<m>	<m>	<cm>	<m>	<cm>		<cm>		<cm>	<cm>	<m>			<daN/cm²	<daN/cm²	<daN/cm²	<daN/cm²	<daN/cm²	<daN/cm²
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60		200	0.00	208	0.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	e _{s1}	ΣN _{2 SX}	ΣN _{2 dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<m>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	0.00	3686.58	0.00	1.80	0.00	-9166.96	0.00	---	---	1.80	0.43	0.52	-25106.80	---
								1.89	-7453.20	0.00	---	---	1.80	0.43	0.52	-25106.80	---
2	SLU	0.00	0.00	0.00	3236.69	0.00	1.80	0.00	-8748.05	0.00	---	---	1.80	0.43	0.52	-25106.80	---
								1.89	-7034.30	0.00	---	---	1.80	0.43	0.52	-25106.80	---

Maschio n. 134V (ver. statiche)

Xg=27.27 <m> Yg=17.45 <m> L=3.80 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{xx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	f _k	f _{d SLU}	f _{d SLV}	f _{VK0}	f _{Vd0 SLU}	f _{Vd0 SLV}
<m>	<m>	<cm>	<m>	<cm>		<cm>		<cm>	<cm>	<m>			<daN/cm²	<daN/cm²	<daN/cm²	<daN/cm²	<daN/cm²	<daN/cm²
-0.50	0.00	25.00	0.50	0.00					0.25	3.80	1.00	2.00						
0.00	3.78	25.00	3.60		209	0.00	210	0.00	1.80	3.80	0.55	7.96	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1	e _{s1}	ΣN _{2 SX}	ΣN _{2 dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
		<daN>	<cm>	<daN>	<daN>	<cm>	<cm>	<m>	<daN>	<daNm>	<cm>	<cm>	<cm>			<daN>	<daNm>
1	SLU	0.00	0.00	12120.80	5534.94	0.00	1.80	0.00	-22735.70	0.00	---	---	1.80	0.43	0.69	-80386.20	---
								1.89	-18534.20	0.00	---	---	1.80	0.43	0.69	-80386.20	---
2	SLU	0.00	0.00	10641.70	4859.49	0.00	1.80	0.00	-21530.30	0.00	---	---	1.80	0.43	0.69	-80386.20	---
								1.89	-17328.80	0.00	---	---	1.80	0.43	0.69	-80386.20	---

Maschio n. 135V (ver. statiche)

Xg=35.67 <m> Yg=15.95 <m> L=0.80 <m>



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Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	f _{yk0} <daN/cm²>	f _{yk0 SLU} <daN/cm²>	f _{yk0 SLV} <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60				209	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	2551.75	7.00	8.80	0.00	-7114.25	0.00	---	---	1.80	0.43	0.52	-12958.30	---
								1.89	-6229.73	0.00	---	---	4.40	1.06	0.32	-7861.64	---
2	SLU	0.00	0.00	0.00	2240.35	7.00	8.80	0.00	-7165.33	0.00	---	---	1.80	0.43	0.52	-12958.30	---
								1.89	-6280.81	0.00	---	---	4.40	1.06	0.32	-7861.64	---

Maschio n. 137V (ver. statiche)

Xg=35.67 <m> Yg=18.35 <m> L=2.00 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	f _{yk0} <daN/cm²>	f _{yk0 SLU} <daN/cm²>	f _{yk0 SLV} <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60				209	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	2.00	0.49	0.49

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	6379.38	7.00	8.80	0.00	-11643.60	0.00	---	---	1.80	0.43	0.52	-32395.90	---
								1.89	-9432.30	0.00	---	---	4.40	1.06	0.32	-19654.10	---
2	SLU	0.00	0.00	0.00	5600.88	7.00	8.80	0.00	-10765.80	0.00	---	---	1.80	0.43	0.52	-32395.90	---
								1.89	-8554.50	0.00	---	---	4.40	1.06	0.32	-19654.10	---

Maschio n. 138V (ver. statiche)

Xg=37.02 <m> Yg=0.93 <m> L=2.85 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{xx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	f _{yk0} <daN/cm²>	f _{yk0 SLU} <daN/cm²>	f _{yk0 SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	2.85	0.73	6.41						
0.00	3.78	25.00	3.60	0.00			202	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25				300	7.00	1.62	0.00	1.00	13.00	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-9429.32	0.00	0.00	0.00	0.00	1.80	0.00	-17664.70	0.00	---	---	1.80	0.43	0.52	-46164.10	---
								1.89	-14513.60	0.00	---	---	1.80	0.43	0.52	-46164.10	---
								3.78	-11362.50	0.00	---	---	1.80	0.43	0.52	-46164.10	---
2	SLU	-8948.73	0.00	0.00	0.00	0.00	1.80	0.00	-17429.90	0.00	---	---	1.80	0.43	0.52	-46164.10	---
								1.89	-14278.80	0.00	---	---	1.80	0.43	0.52	-46164.10	---
								3.78	-11127.70	0.00	---	---	1.80	0.43	0.52	-46164.10	---
1	SLU	0.00	0.00	0.00	0.00	0.00	1.62	3.78	-9429.32	0.00	---	---	1.62	0.39	0.58	-51169.80	---
								5.50	-6569.99	0.00	---	---	1.62	0.39	0.58	-51169.80	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.62	3.78	-8948.73	0.00	---	---	1.62	0.39	0.58	-51169.80	---
								5.50	-6089.39	0.00	---	---	1.62	0.39	0.58	-51169.80	---

Maschio n. 139V (ver. statiche)

Xg=39.55 <m> Yg=5.39 <m> L=6.08 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati



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Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-2.20	0.00	25.00	2.20	0.00					1.10	3.10	0.79	6.95						
0.00	3.78	25.00	3.60	0.00			201	7.00	1.80	5.75	0.87	12.58	50.00	12.35	12.35	0.80	0.20	0.20
3.78	7.21	25.00	3.25		306	0.00	305	0.00	1.62	5.75	0.93	12.15	50.00	12.35	12.35	0.80	0.20	0.20
					306	0.00	304	0.00										

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	-22918.20	0.00	0.00	0.00	0.00	1.80	0.00	-42337.70	0.00	---	---	1.80	0.43	0.57	-107624.00	---
								1.89	-35620.90	0.00	---	---	1.80	0.43	0.57	-107624.00	---
								3.78	-28904.10	0.00	---	---	1.80	0.43	0.57	-107624.00	---
2	SLU	-21740.70	0.00	0.00	0.00	0.00	1.80	0.00	-41070.00	0.00	---	---	1.80	0.43	0.57	-107624.00	---
								1.89	-34353.20	0.00	---	---	1.80	0.43	0.57	-107624.00	---
								3.78	-27636.40	0.00	---	---	1.80	0.43	0.57	-107624.00	---
1	SLU	0.00	0.00	6720.47	5832.70	0.00	1.62	3.78	-22918.20	0.00	---	---	1.62	0.39	0.61	-113485.00	---
								5.50	-16823.30	0.00	---	---	1.62	0.39	0.61	-113485.00	---
2	SLU	0.00	0.00	5900.34	5120.91	0.00	1.62	3.78	-21740.70	0.00	---	---	1.62	0.39	0.61	-113485.00	---
								5.50	-15645.80	0.00	---	---	1.62	0.39	0.61	-113485.00	---

Maschio n. 141V (ver. statiche)

Xg=39.55 <m> Yg=11.51 <m> L=1.93 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60				200	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-8514.41	0.00	---	---	1.80	0.43	0.52	-31181.00	---
								1.89	-6386.03	0.00	---	---	1.80	0.43	0.52	-31181.00	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-8524.29	0.00	---	---	1.80	0.43	0.52	-31181.00	---
								1.89	-6395.92	0.00	---	---	1.80	0.43	0.52	-31181.00	---

Maschio n. 143V (ver. statiche)

Xg=39.55 <m> Yg=14.74 <m> L=1.62 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <cm>	h <m>	d ₁ <cm>	S _{sx}	d ₂ <cm>	S _{dx}	d ₂ <cm>	e _a <cm>	a <m>	ρ	λ	f _k <daN/cm²>	f _{d SLU} <daN/cm²>	f _{d SLV} <daN/cm²>	τ ₀ <daN/cm²>	τ _{0d SLU} <daN/cm²>	τ _{0d SLV} <daN/cm²>
-0.50	0.00	25.00	0.50	0.00					0.25	0.00	1.00	2.00						
0.00	3.78	25.00	3.60				200	7.00	1.80	0.00	1.00	14.40	50.00	12.35	12.35	0.80	0.20	0.20

Verifiche per carichi verticali ed azioni ortogonali

CC	TCC	N1 <daN>	e _{s1} <cm>	ΣN2 _{sx} <daN>	ΣN2 _{dx} <daN>	e _{s2} <cm>	e ₁ <cm>	Zv <m>	N <daN>	M _v <daNm>	e _v <cm>	e ₂ <cm>	e <cm>	m	Φ _t	Nu <daN>	Mu <daNm>
1	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-4350.22	0.00	---	---	1.80	0.43	0.52	-26321.60	---
								1.89	-2553.54	0.00	---	---	1.80	0.43	0.52	-26321.60	---
2	SLU	0.00	0.00	0.00	0.00	0.00	1.80	0.00	-4610.55	0.00	---	---	1.80	0.43	0.52	-26321.60	---
								1.89	-2813.87	0.00	---	---	1.80	0.43	0.52	-26321.60	---