Comune di Barletta (BT)

Arcidiocesi di Trani - Barletta - Bisceglie

Progetto di restauro e consolidamento del
Convento di Sant'Antonio in Barletta (BT)
per destinazione a Museo Diocesano - Sede di Barletta

Il Progettista strutturale Ing. Michele Vitti	Progetto architettonico e dir. lav. Arch. Gerardo Milillo Collaborazione Graziana Colacicco	RUP Arch. Giovanni Fiore IL TECNICO A SUPPORTO DEL R.U.P. (Arch. Fiore Giovanni)

Progetto Strutturale - Tabulati dei Calcoli

Tavola N.

RS 03

Dicembre 2014

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Software e Servizi per l'Ingegneria s.r.l.

PRO_SAP

PROfessional **S**tructural **A**nalysis **P**rogram

Relazione di calcolo strutturale impostata e redatta secondo le modalità previste nel D.M. 14 Gennaio 2008 cap. 10 “Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo”.

1 marzo 2015

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CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

Il programma consente l'uso di materiali diversi. Sono previsti i seguenti tipi di materiale:

1	materiale tipo cemento armato
2	materiale tipo acciaio
3	materiale tipo muratura
4	materiale tipo legno
5	materiale tipo generico

I materiali utilizzati nella modellazione sono individuati da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni materiale vengono riportati in tabella i seguenti dati:

Young	modulo di elasticità normale
Poisson	coefficiente di contrazione trasversale
G	modulo di elasticità tangenziale
Gamma	peso specifico
Alfa	coefficiente di dilatazione termica

I dati soprariportati vengono utilizzati per la modellazione dello schema statico e per la determinazione dei carichi inerziali e termici. In relazione al tipo di materiale vengono riportati inoltre:

1	***cemento armato***		
		Rck	resistenza caratteristica cubica
		Fctm	resistenza media a trazione semplice
2	***acciaio***		
		Ft	tensione di rottura a trazione
		Fy	tensione di snervamento
		Fd	resistenza di calcolo
		Fdt	resistenza di calcolo per spess. t>40 mm
		Sadm	tensione ammissibile
		Sadmt	tensione ammissibile per spess. t>40 mm
3	***muratura***		
		Resist. Fk	resistenza caratteristica a compressione
		Resist. Fvko	resistenza caratteristica a taglio
4	***legno***		
		Resist. fc0k	Resistenza caratteristica (tensione amm. per REGLES) per compressione
		Resist. ft0k	Resistenza caratteristica (tensione amm. per REGLES) per trazione
		Resist. fmk	Resistenza caratteristica (tensione amm. per REGLES) per flessione
		Resist. fvk	Resistenza caratteristica (tensione amm. per REGLES) per taglio
		Modulo E0,05	Modulo elastico parallelo caratteristico
		Lamellare	lamellare o massiccio

Vengono inoltre riportate le tabelle conteneti il riassunto delle nformazioni assegnate nei criteri di progetto in uso.

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Modellazione di strutture in acciaio

Test N°	Titolo
55	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
56	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
57	LUCE LIBERA DI COLONNE IN ACCIAIO
58	SVERGOLAMENTO DI TRAVI IN ACCIAIO
59	FATTORE DI STRUTTURA
60	ACCIAIO D.M.2008
61	ACCIAIO EC3
62	GERARCHIA RESISTENZE STRUTTURE IN ACCIAIO
63	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
73	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA IRRIGIDIMENTI TRASVERSALI
74	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI UN PIATTO DI RINFORZO SALDATO ALL'ANIMA DELLA COLONNA
75	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI DUE PIATTI DI RINFORZO SALDATI ALL'ANIMA DELLA COLONNA
76	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A DUE VIE SU ALI COLONNA
77	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A UNA VIA CON DUE COMBINAZIONI DI CARICO
78	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO SU ANIMA SENZA RINFORZI A QUATTRO FILE DI BULLONI DI CUI UNA SU PIASTRA INFERIORE E UNA SU PIASTRA SUPERIORE
79	VERIFICA DELLA PIASTRA NODO TRAVE COLONNA
85	TELAIO ACCIAIO: CONTROVENTI CONCENTRICI

Modellazione di strutture in muratura

Test N°	Titolo
81	ANALISI PUSHOVER DI UNA STRUTTURA IN MURATURA
84	ANALISI ELASTO PLASTICA INCREMENTALE, PARETE IN MURATURA
86	VERIFICA NON SISMICA DELLE MURATURE (D.M. 87 TA)
87	VERIFICA NON SISMICA DELLE MURATURE (D.M. 2005 SL)
88	FATTORE DI STRUTTURA

Id	Tipo / Note		Young	Poisson	G	Gamma	Alfa
		daN/cm2	daN/cm2		daN/cm2	daN/cm3	
10	acciaio Fe360 - S235		2.100e+06	0.30	8.077e+05	7.80e-03	1.20e-05
	ft	3600.0					
	fy	2350.0					
	fd	2350.0					
	fdt	2100.0					
	sadm	1600.0					
	sadmt	1400.0					
23	muratura E = 2.200e+04 tufo con malta M2		2.200e+04	0.0	8800.0	1.90e-03	1.00e-05
	Resist. fk	22.0					
	Resist. fvko	1.0					

Muratura	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
Altezza interpiano [cm]	0.0					
Rho	0.85					
Snellezza limite	20.00					
Generalità						
Gamma non sismico	3.00					
Gamma sismico	2.00					
Fattore di confidenza FC	0.0					
Tolleranza azioni [daN/cm2]	0.0					
Media valori per quota	Si					
Media valori per elemento	Si					
Verifica come fascia	No					
Usa formula [7.8.3]	Si					

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

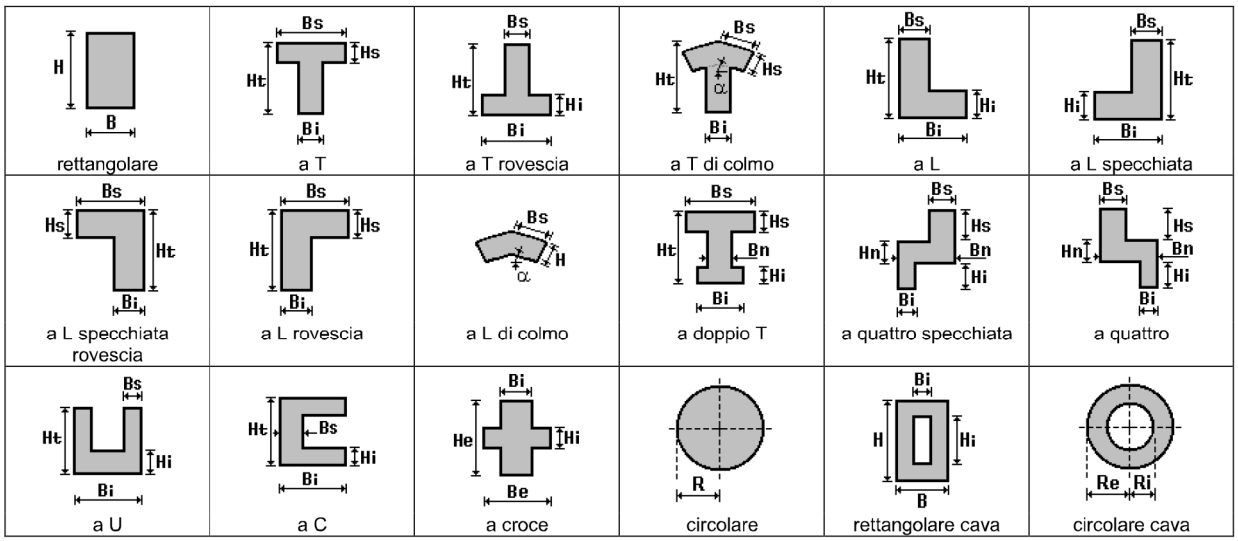
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

1	sezione di tipo generico
2	profilati semplici
3	profilati accoppiati e speciali

Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

Area	area della sezione
A V2	area della sezione/fattore di taglio (per il taglio in direzione 2)
A V3	area della sezione/fattore di taglio (per il taglio in direzione 3)
Jt	fattore torsionale di rigidezza
J2-2	momento d'inerzia della sezione riferito all'asse 2
J3-3	momento d'inerzia della sezione riferito all'asse 3
W2-2	modulo di resistenza della sezione riferito all'asse 2
W3-3	modulo di resistenza della sezione riferito all'asse 3
Wp2-2	modulo di resistenza plastico della sezione riferito all'asse 2
Wp3-3	modulo di resistenza plastico della sezione riferito all'asse 3

I dati soprariportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.



Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilatari.

Per quanto concerne le sezioni di tipo generico (tipo 1.):
i valori dimensionali con prefisso B sono riferiti all'asse 2
i valori dimensionali con prefisso H sono riferiti all'asse 3

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
1	CARATTERISTICHE GEOMETRICHE E INERZIALI
44	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
47	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
49	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
50	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
95	ANALISI DI RESISTENZA AL FUOCO

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
8	HEA 180	45.30	0.0	0.0	14.80	925.00	2510.00	102.70	293.60	156.50	324.90

MODELLAZIONE STRUTTURA: NODI

LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.
Ogni nodo è individuato dalle coordinate cartesiane nel sistema di riferimento globale (X Y Z).
Ad ogni nodo è eventualmente associato un codice di vincolamento rigido, un codice di fondazione speciale, ed un set di sei molle (tre per le traslazioni, tre per le rotazioni). Le tabelle sottoriportate riflettono le succitate possibilità. In particolare per ogni nodo viene indicato in tabella:

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z

Per i nodi ai quali sia associato un codice di vincolamento rigido, un codice di fondazione speciale o un set di molle viene indicato in tabella:

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z
Note	eventuale codice di vincolo (es. v=110010 sei valori relativi ai sei gradi di libertà previsti per il nodo TxTyTzRxRyRz, il valore 1 indica che lo spostamento o rotazione relativo è impedito, il valore 0 indica che lo spostamento o rotazione relativo è libero).
Note	(FS = 1, 2,…) eventuale codice del tipo di fondazione speciale (1, 2,… fanno riferimento alle tipologie: plinto, palo, plinto su pali,…) che è collegato al nodo. (ISO = "id SIGLA") indice e sigla identificativa dell' eventuale isolatore sismico assegnato al nodo
Rig. TX	valore della rigidezza dei vincoli elastici eventualmente applicati al nodo, nello specifico TX (idem per TY, TZ, RX, RY, RZ).

Per strutture sismicamente isolate viene inoltre inserita la tabella delle caratteristiche per gli isolatori utilizzati; le caratteristiche sono indicate in conformità al cap. 7.10 del D.M. 14/01/08

TABELLA DATI NODI

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
	cm	cm	cm		cm	cm	cm		cm	cm	cm
2	0.0	0.0	95.0	3	123.7	2.3	95.0	5	0.0	0.0	190.0
6	123.7	2.3	190.0	7	0.0	0.0	285.0	8	123.7	2.3	285.0
9	0.0	0.0	380.0	10	120.0	2.3	380.0	11	247.4	4.7	95.0
13	247.4	4.7	190.0	14	247.4	4.7	285.0	15	240.1	4.5	380.0
16	371.2	7.0	95.0	18	371.2	7.0	190.0	19	371.2	7.0	285.0
20	360.1	6.8	380.0	21	494.9	9.3	95.0	23	494.9	9.3	190.0
24	494.9	9.3	285.0	25	480.2	9.0	380.0	26	618.6	11.7	95.0
28	618.6	11.7	190.0	29	618.6	11.7	285.0	30	600.2	11.3	380.0
31	742.3	14.0	95.0	33	742.3	14.0	190.0	34	742.3	14.0	285.0
35	720.3	13.6	380.0	36	866.0	16.3	95.0	38	866.0	16.3	190.0
39	866.0	16.3	285.0	40	840.3	15.8	380.0	41	989.7	18.6	95.0
43	989.7	18.6	190.0	44	989.7	18.6	285.0	45	989.7	18.6	380.0
46	7.7	114.3	95.0	48	7.7	114.3	190.0	49	7.7	114.3	285.0
50	7.7	114.3	380.0	51	13.1	194.8	95.0	53	13.1	194.8	190.0
54	13.1	194.8	285.0	55	13.1	194.8	380.0	56	26.7	396.5	95.0
58	26.7	396.5	190.0	59	26.7	396.5	285.0	60	26.7	396.5	380.0
61	33.0	490.4	95.0	63	33.0	490.4	190.0	64	33.0	490.4	285.0
65	33.0	490.4	380.0	66	39.3	584.3	95.0	68	39.3	584.3	190.0
69	39.3	584.3	285.0	70	39.3	584.3	380.0	71	45.5	676.0	95.0
73	45.5	676.0	190.0	74	45.5	676.0	285.0	75	45.5	676.0	380.0
76	164.4	1574.8	458.2	77	813.9	1127.6	458.2	78	164.4	1191.5	458.2
79	257.2	1127.6	458.2	81	906.7	1191.5	458.2	82	257.2	1638.7	458.2
83	1037.0	1572.9	380.0	84	857.7	1700.8	380.0	85	1103.1	1058.5	190.0
86	115.5	1715.9	95.0	88	115.5	1715.9	190.0	89	115.5	1715.9	285.0
90	115.5	1715.9	380.0	91	65.7	976.6	95.0	93	65.7	976.6	190.0
94	65.7	976.6	285.0	95	65.7	976.6	380.0	96	71.6	1063.7	95.0
98	71.6	1063.7	190.0	99	71.6	1063.7	285.0	100	71.6	1063.7	380.0
101	105.2	1563.6	380.0	102	1014.8	1126.8	380.0	103	80.3	1193.7	380.0
104	208.3	1714.0	380.0	105	1617.3	1055.9	285.0	106	1018.0	1190.5	380.0
107	301.0	1712.1	380.0	108	906.7	1638.7	458.2	109	164.4	1638.7	458.2
110	84.7	1258.7	380.0	111	906.7	1127.6	458.2	112	164.4	1127.6	458.2
113	1040.2	1636.7	380.0	114	950.4	1698.9	380.0	115	95.0	1411.4	380.0
116	3091.4	636.6	499.4	117	2289.8	1362.2	519.5	118	3044.8	636.8	499.4
119	52.2	776.2	285.0	120	52.2	776.2	380.0	121	2289.8	1416.9	519.5
122	3138.0	636.4	499.4	123	1688.1	643.6	499.4	124	59.0	876.4	285.0

125	59.0	876.4	380.0	126	168.4	1063.2	95.0	128	168.4	1063.2	190.0
129	168.4	1063.2	285.0	130	155.4	1063.1	380.0	131	265.2	1062.7	95.0
133	265.2	1062.7	190.0	134	265.2	1062.7	285.0	135	257.2	1062.4	380.0
136	362.0	1062.2	95.0	138	362.0	1062.2	190.0	139	362.0	1062.2	285.0
140	349.9	1061.8	380.0	141	458.8	1061.7	95.0	143	458.8	1061.7	190.0
144	458.8	1061.7	285.0	145	10.6	157.7	863.7	146	555.6	1061.2	95.0
148	555.6	1061.2	190.0	149	555.6	1061.2	285.0	150	535.5	1060.5	380.0
151	652.4	1060.8	95.0	153	652.4	1060.8	190.0	154	652.4	1060.8	285.0
155	628.3	1059.8	380.0	156	780.4	1060.1	95.0	158	780.4	1060.1	190.0
159	780.4	1060.1	285.0	160	721.1	1059.2	380.0	161	857.4	1059.7	95.0
163	857.4	1059.7	190.0	164	857.4	1059.7	285.0	165	813.9	1058.6	380.0
166	934.4	1059.3	95.0	168	934.4	1059.3	190.0	169	934.4	1059.3	285.0
170	906.7	1057.9	380.1	171	1011.4	1058.9	95.0	173	1011.4	1058.9	190.0
174	1011.4	1058.9	285.0	175	1011.4	1058.9	380.0	176	3054.5	1048.8	95.0
178	3054.5	1048.8	190.0	179	3054.5	1048.8	285.0	180	3046.5	1048.8	380.0
181	1783.6	423.8	480.0	182	1913.5	423.1	431.8	183	3011.7	1049.0	190.0
184	3011.7	1049.0	285.0	185	2999.2	1049.1	380.0	186	1956.5	422.9	431.8
187	1999.5	422.7	431.8	188	2969.0	1049.2	190.0	189	2969.0	1049.2	285.0
190	2951.9	1049.3	380.0	191	2926.2	1049.4	95.0	193	2926.2	1049.4	190.0
194	2926.2	1049.4	285.0	195	2904.6	1049.5	380.0	196	2877.4	1049.7	95.0
198	2877.4	1049.7	190.0	199	2877.4	1049.7	285.0	200	2857.3	1049.8	380.0
201	2828.6	1049.9	95.0	203	2828.6	1049.9	190.0	204	2828.6	1049.9	285.0
205	2810.0	1050.0	380.0	206	2779.8	1050.1	95.0	208	2779.8	1050.1	190.0
209	2779.8	1050.1	285.0	210	2767.1	1050.2	380.0	211	2731.0	1050.4	95.0
213	2731.0	1050.4	190.0	214	2731.0	1050.4	285.0	215	2715.4	1050.5	380.0
216	2682.1	1050.6	95.0	218	2682.1	1050.6	190.0	219	2682.1	1050.6	285.0
220	2668.1	1050.7	380.0	221	2633.3	1050.9	95.0	223	2633.3	1050.9	190.0
224	2633.3	1050.9	285.0	225	2620.8	1050.9	380.0	226	2584.5	1051.1	95.0
228	2584.5	1051.1	190.0	229	2584.5	1051.1	285.0	230	2573.5	1051.2	380.0
231	2042.4	422.5	431.8	232	2085.4	422.3	431.8	233	2537.4	1051.4	190.0
234	2537.4	1051.4	285.0	235	2526.2	1051.4	380.0	236	2128.3	422.2	431.8
237	2171.3	422.0	431.8	238	2490.4	1051.6	190.0	239	2490.4	1051.6	285.0
240	2478.9	1051.6	380.0	241	2443.3	1051.8	95.0	243	2443.3	1051.8	190.0
244	2443.3	1051.8	285.0	245	2431.6	1051.9	380.0	246	2392.1	1052.1	95.0
248	2392.1	1052.1	190.0	249	2392.1	1052.1	285.0	250	2384.3	1052.1	380.0
251	2340.9	1052.3	95.0	253	2340.9	1052.3	190.0	254	2340.9	1052.3	285.0
255	2336.9	1052.3	380.0	256	2289.6	1052.6	95.0	258	2289.6	1052.6	190.0
259	2289.6	1052.6	285.0	260	2289.6	1052.6	380.0	261	2165.3	1674.3	190.0
262	2165.3	1674.3	285.0	264	2123.7	1675.2	95.0	266	2123.7	1675.2	190.0
267	2123.7	1675.2	285.0	268	159.6	583.7	190.0	269	2082.2	1676.0	95.0
271	2082.2	1676.0	190.0	272	2082.2	1676.0	285.0	273	159.6	583.7	285.0
274	2040.6	1676.9	95.0	276	2040.6	1676.9	190.0	277	2040.6	1676.9	285.0
278	704.9	581.0	285.0	279	1999.1	1677.7	95.0	281	2718.8	1011.1	499.4
282	2345.9	1011.1	499.4	283	1999.1	1677.7	190.0	284	1999.1	1677.7	285.0
285	2718.8	681.5	499.4	286	279.9	583.1	95.0	287	2345.9	681.5	499.4
288	1957.5	1678.5	95.0	289	2313.0	640.5	380.0	291	1957.5	1678.5	190.0
292	1957.5	1678.5	285.0	294	1915.9	1679.4	95.0	296	1915.9	1679.4	190.0
297	1915.9	1679.4	285.0	298	279.9	583.1	190.0	299	1874.4	1680.2	95.0
301	1874.4	1680.2	190.0	302	1874.4	1680.2	285.0	303	279.9	583.1	285.0
304	1832.8	1681.1	95.0	306	1832.8	1681.1	190.0	307	1832.8	1681.1	285.0
308	837.7	580.3	285.0	309	1791.3	1681.9	95.0	311	1791.3	1681.9	190.0
312	1791.3	1681.9	285.0	313	400.2	582.5	95.0	314	1749.7	1682.8	95.0
316	1749.7	1682.8	190.0	317	1749.7	1682.8	285.0	319	1708.1	1683.6	95.0
321	1708.1	1683.6	190.0	322	1708.1	1683.6	285.0	323	400.2	582.5	190.0
324	3697.8	126.3	95.0	326	3232.9	1047.9	95.0	328	3232.9	1047.9	190.0
329	3232.9	1047.9	285.0	330	3232.9	1047.9	380.0	331	3233.4	1098.3	95.0
333	3233.4	1098.3	190.0	334	3233.4	1098.3	285.0	335	3233.4	1098.3	380.0
336	3233.9	1148.7	95.0	338	3233.9	1148.7	190.0	339	3233.9	1148.7	285.0
340	3233.9	1148.7	380.0	341	3234.4	1199.1	95.0	343	3234.4	1199.1	190.0
344	3234.4	1199.1	285.0	345	3234.4	1199.1	380.0	346	3234.9	1249.5	95.0
348	3234.9	1249.5	190.0	349	3234.9	1249.5	285.0	350	3234.9	1249.5	380.0
351	3235.4	1299.9	95.0	353	3235.4	1299.9	190.0	354	3235.4	1299.9	285.0
355	3235.4	1299.9	380.0	356	3235.8	1350.2	95.0	358	3235.8	1350.2	190.0
359	3235.8	1350.2	285.0	360	3235.8	1350.2	380.0	361	3236.3	1400.6	95.0
363	3236.3	1400.6	190.0	364	3236.3	1400.6	285.0	365	3236.3	1400.6	380.0
366	3236.8	1451.0	95.0	368	3236.8	1451.0	190.0	369	3236.8	1451.0	285.0
370	3236.8	1451.0	380.0	371	3237.3	1501.4	95.0	373	3237.3	1501.4	190.0
374	3237.3	1501.4	285.0	375	3237.3	1501.4	380.0	376	3237.8	1551.8	95.0
378	3237.8	1551.8	190.0	379	3237.8	1551.8	285.0	380	3237.8	1551.8	380.0
381	3238.3	1602.2	95.0	383	3238.3	1602.2	190.0	384	3238.3	1602.2	285.0
385	3238.3	1602.2	380.0	386	3238.8	1652.6	95.0	388	3238.8	1652.6	190.0
389	3238.8	1652.6	285.0	390	3238.8	1652.6	380.0	391	3232.4	996.4	95.0
393	3232.4	996.4	190.0	394	3232.4	996.4	285.0	395	3232.4	996.4	380.0
396	3231.9	945.0	95.0	398	3231.9	945.0	190.0	399	3231.9	945.0	285.0
400	3231.9	945.0	380.0	401	3231.4	893.5	95.0	403	3231.4	893.5	190.0
404	3231.4	893.5	285.0	405	3231.4	893.5	380.0	406	3231.0	846.1	95.0
408	3231.0	846.1	190.0	409	3231.0	846.1	285.0	410	3231.0	846.1	380.0

411	3230.5	798.8	95.0	413	3230.5	798.8	190.0	414	3230.5	798.8	285.0
415	3230.5	798.8	380.0	416	3230.1	751.4	95.0	418	3230.1	751.4	190.0
419	3230.1	751.4	285.0	420	3230.1	751.4	380.0	421	3230.7	693.7	95.0
423	3230.7	693.7	190.0	424	3230.7	693.7	285.0	425	3230.7	693.7	380.0
426	3231.3	635.9	95.0	428	3231.3	635.9	190.0	429	3231.3	635.9	285.0
430	3231.3	635.9	380.0	431	3232.3	581.1	95.0	433	3232.3	581.1	190.0
434	3232.3	581.1	285.0	435	3232.2	584.0	380.0	436	3233.3	526.2	95.0
438	3233.3	526.2	190.0	439	3233.3	526.2	285.0	440	3233.3	529.6	380.0
441	3234.4	471.4	95.0	443	3234.4	471.4	190.0	444	3234.4	471.4	285.0
445	3234.3	475.2	380.0	446	3235.4	416.6	95.0	448	3235.4	416.6	190.0
449	3235.4	416.6	285.0	450	3235.4	416.6	380.0	451	3236.5	356.0	95.0
453	3236.5	356.0	190.0	454	3236.5	356.0	285.0	455	3236.5	356.0	380.0
456	3237.7	295.5	95.0	458	3237.7	295.5	190.0	459	3237.7	295.5	285.0
460	3237.7	295.5	380.0	461	3238.8	234.9	95.0	463	3238.8	234.9	190.0
464	3238.8	234.9	285.0	465	3238.8	234.9	380.0	466	3240.0	174.4	95.0
468	3240.0	174.4	190.0	469	3240.0	174.4	285.0	470	3240.0	174.4	380.0
471	3241.1	113.8	95.0	473	3241.1	113.8	190.0	474	3241.1	113.8	285.0
475	3241.0	117.7	380.0	476	3242.3	53.3	95.0	478	3242.3	53.3	190.0
479	3242.3	53.3	285.0	480	3242.3	53.3	380.0	481	1810.1	423.6	431.8
482	1768.6	423.8	431.8	483	1727.0	424.1	431.8	484	3243.7	-22.6	285.0
485	3243.7	-22.6	380.0	486	3245.1	-98.6	95.0	488	3245.1	-98.6	190.0
489	3245.1	-98.6	285.0	490	3245.1	-98.6	380.0	491	3246.7	-180.6	95.0
493	3246.7	-180.6	190.0	494	3246.7	-180.6	285.0	495	3246.7	-180.6	380.0
496	3248.2	-262.7	95.0	498	3248.2	-262.7	190.0	499	3248.2	-262.7	285.0
500	3248.2	-262.7	380.0	501	3249.8	-344.8	95.0	503	3249.8	-344.8	190.0
504	3249.8	-344.8	285.0	505	3249.8	-344.8	380.0	506	3251.3	-426.9	95.0
508	3251.3	-426.9	190.0	509	3251.3	-426.9	285.0	510	3251.3	-426.9	380.0
511	1021.8	1267.7	481.8	512	1019.1	1212.5	481.8	513	1016.3	1157.3	481.8
514	3252.9	-508.6	285.0	515	3252.9	-508.6	380.0	516	3254.4	-590.4	95.0
518	3254.4	-590.4	190.0	519	3254.4	-590.4	285.0	520	3254.4	-590.4	380.0
521	3255.8	-661.3	95.0	523	3255.8	-661.3	190.0	524	3255.8	-661.3	285.0
525	3255.8	-661.3	380.0	526	3257.1	-732.1	95.0	528	3257.1	-732.1	190.0
529	3257.1	-732.1	285.0	530	3257.1	-732.1	380.0	531	3258.4	-803.0	95.0
533	3258.4	-803.0	190.0	534	3258.4	-803.0	285.0	535	3258.4	-803.0	380.0
536	3232.1	843.9	499.4	537	3232.4	926.3	499.4	538	1644.1	643.8	499.4
539	3231.9	802.7	499.4	540	2998.2	637.1	499.4	541	3231.8	761.5	499.4
542	2289.8	1307.4	519.5	543	2951.5	637.3	499.4	544	3231.6	720.3	499.4
545	3237.9	1559.7	478.8	546	3237.4	1507.4	478.8	547	3232.3	885.1	499.4
548	3236.9	1455.0	478.8	549	3236.4	1402.6	478.8	550	3235.8	1350.3	478.8
551	3235.3	1297.9	478.8	552	1600.1	644.0	499.4	553	3234.8	1245.5	478.8
554	3234.3	1193.2	478.8	555	3233.8	1140.8	478.8	556	3714.2	-798.1	95.0
558	3714.2	-798.1	190.0	559	3714.2	-798.1	285.0	560	3714.2	-798.1	380.0
562	2765.1	638.2	95.0	563	2764.5	583.4	95.0	565	2765.1	638.2	190.0
566	2764.5	583.4	190.0	567	2765.1	638.2	285.0	568	2764.5	583.4	285.0
569	2765.1	638.2	380.0	570	2764.5	582.4	380.0	571	2763.9	528.6	95.0
573	2763.9	528.6	190.0	574	2763.9	528.6	285.0	575	2763.9	527.8	380.0
576	2763.3	473.7	95.0	578	2763.3	473.7	190.0	579	2763.3	473.7	285.0
580	2763.3	473.4	380.0	581	2762.7	418.9	95.0	583	2762.7	418.9	190.0
584	2762.7	418.9	285.0	585	2762.7	418.9	380.0	586	3395.2	-801.5	190.0
587	3395.2	-801.5	285.0	588	3395.2	-801.5	380.0	589	3349.6	-802.0	95.0
591	3349.6	-802.0	190.0	592	3349.6	-802.0	285.0	593	3349.6	-802.0	380.0
594	3304.0	-802.5	95.0	596	3304.0	-802.5	190.0	597	3304.0	-802.5	285.0
598	3304.0	-802.5	380.0	599	3349.6	-802.0	458.4	600	3395.2	-801.5	458.4
601	3440.8	-801.1	458.4	602	3486.3	-800.6	458.4	603	3531.9	-800.1	458.4
604	3577.5	-799.6	458.4	605	3623.1	-799.1	458.4	606	970.6	579.6	95.0
608	970.6	579.6	190.0	609	970.6	579.6	285.0	610	970.6	579.6	380.0
611	208.3	1714.0	95.0	613	208.3	1714.0	190.0	614	208.3	1714.0	285.0
615	1666.6	1684.4	95.0	616	301.0	1712.1	95.0	618	301.0	1712.1	190.0
619	301.0	1712.1	285.0	621	393.8	1710.2	95.0	623	393.8	1710.2	190.0
624	393.8	1710.2	285.0	625	393.8	1710.2	380.0	626	486.6	1708.3	95.0
628	486.6	1708.3	190.0	629	486.6	1708.3	285.0	630	486.6	1708.3	380.0
631	579.3	1706.5	95.0	633	579.3	1706.5	190.0	634	579.3	1706.5	285.0
635	579.3	1706.5	380.0	636	672.1	1704.6	95.0	638	672.1	1704.6	190.0
639	672.1	1704.6	285.0	640	672.1	1704.6	380.0	641	764.9	1702.7	95.0
643	764.9	1702.7	190.0	644	764.9	1702.7	285.0	645	764.9	1702.7	380.0
646	857.7	1700.8	95.0	648	857.7	1700.8	190.0	649	857.7	1700.8	285.0
650	1666.6	1684.4	190.0	651	950.4	1698.9	95.0	653	950.4	1698.9	190.0
654	950.4	1698.9	285.0	655	1666.6	1684.4	285.0	656	1043.2	1697.1	95.0
658	1043.2	1697.1	190.0	659	1043.2	1697.1	285.0	660	1043.2	1697.1	380.0
661	1057.3	1058.7	285.0	662	1024.3	1318.0	380.0	663	400.2	582.5	285.0
664	721.1	1510.9	551.2	665	350.0	1510.9	551.2	666	721.1	1255.4	551.2
667	350.0	1255.4	551.2	668	813.9	1510.9	513.8	669	721.1	1574.8	513.8
670	257.2	1510.9	513.8	671	721.1	1191.5	513.8	672	257.2	1255.4	513.8
673	350.0	1191.5	513.8	674	813.9	1255.4	513.8	675	350.0	1574.8	513.8
676	906.7	1510.9	458.2	677	721.1	1638.7	458.2	678	164.4	1510.9	458.2
679	721.1	1127.6	458.2	680	164.4	1255.4	458.2	681	350.0	1127.6	458.2
682	906.7	1255.4	458.2	683	350.0	1638.7	458.2	684	1033.9	1509.2	380.0

685	1625.0	1685.3	95.0	686	100.1	1487.5	380.0	687	76.0	1128.7	380.0
689	1625.0	1685.3	190.0	690	1021.2	1254.3	380.0	691	1625.0	1685.3	285.0
692	813.9	1574.8	513.8	693	257.2	1574.8	513.8	694	813.9	1191.5	513.8
695	257.2	1191.5	513.8	696	906.7	1574.8	458.2	697	813.9	1638.7	458.2
698	76.0	1128.7	95.0	700	76.0	1128.7	190.0	701	76.0	1128.7	285.0
702	837.7	580.3	95.0	703	80.3	1193.7	95.0	705	80.3	1193.7	190.0
706	80.3	1193.7	285.0	707	1583.5	1686.1	95.0	708	84.7	1258.7	95.0
710	84.7	1258.7	190.0	711	84.7	1258.7	285.0	712	2893.6	418.3	480.0
713	2943.6	418.0	480.0	714	2993.6	417.8	480.0	715	88.1	1309.6	285.0
716	88.1	1309.6	380.0	717	3043.6	417.5	480.0	718	3093.6	417.3	480.0
719	3143.6	417.0	480.0	720	91.6	1360.5	285.0	721	91.6	1360.5	380.0
722	95.0	1411.4	95.0	724	95.0	1411.4	190.0	725	95.0	1411.4	285.0
726	100.1	1487.5	95.0	728	100.1	1487.5	190.0	729	100.1	1487.5	285.0
731	105.2	1563.6	95.0	733	105.2	1563.6	190.0	734	105.2	1563.6	285.0
735	1583.5	1686.1	190.0	736	110.4	1639.7	95.0	738	110.4	1639.7	190.0
739	110.4	1639.7	285.0	740	110.4	1639.7	380.0	741	2290.0	1671.8	95.0
743	2290.0	1671.8	190.0	744	2290.0	1671.8	285.0	745	2290.0	1671.8	380.0
746	1500.4	1687.8	95.0	748	1500.4	1687.8	190.0	749	1500.4	1687.8	285.0
750	1497.9	1688.0	380.0	751	1458.8	1688.6	95.0	753	1458.8	1688.6	190.0
754	1458.8	1688.6	285.0	755	1455.8	1688.9	380.0	756	1417.2	1689.5	95.0
758	1417.2	1689.5	190.0	759	1417.2	1689.5	285.0	760	1413.7	1689.7	380.0
761	1375.7	1690.3	95.0	763	1375.7	1690.3	190.0	764	1375.7	1690.3	285.0
765	1371.7	1690.6	380.0	766	1334.1	1691.2	95.0	768	1334.1	1691.2	190.0
769	1334.1	1691.2	285.0	770	1329.6	1691.4	380.0	771	1292.6	1692.0	95.0
773	1292.6	1692.0	190.0	774	1292.6	1692.0	285.0	775	1287.5	1692.3	380.0
776	1251.0	1692.9	95.0	778	1251.0	1692.9	190.0	779	1251.0	1692.9	285.0
780	1245.4	1693.1	380.0	781	1209.4	1693.7	95.0	783	1209.4	1693.7	190.0
784	1209.4	1693.7	285.0	785	1203.3	1694.0	380.0	786	1167.9	1694.5	95.0
788	1167.9	1694.5	190.0	789	1167.9	1694.5	285.0	790	1161.3	1694.8	380.0
791	1126.3	1695.4	95.0	793	1126.3	1695.4	190.0	794	1126.3	1695.4	285.0
795	1119.2	1695.7	380.0	796	1084.8	1696.2	95.0	798	1084.8	1696.2	190.0
799	1084.8	1696.2	285.0	800	1077.1	1696.6	380.0	801	3713.0	-729.3	95.0
803	3713.0	-729.3	190.0	804	3713.0	-729.3	285.0	805	3713.0	-729.3	380.0
806	3711.8	-660.6	95.0	808	3711.8	-660.6	190.0	809	3711.8	-660.6	285.0
810	3711.8	-660.6	380.0	811	3710.5	-591.8	95.0	813	3710.5	-591.8	190.0
814	3710.5	-591.8	285.0	815	3710.5	-591.8	380.0	816	3709.3	-523.0	95.0
818	3709.3	-523.0	190.0	819	3709.3	-523.0	285.0	820	3709.3	-523.0	380.0
821	3708.1	-454.2	95.0	823	3708.1	-454.2	190.0	824	3708.1	-454.2	285.0
825	3708.1	-454.2	380.0	826	3706.9	-385.5	95.0	828	3706.9	-385.5	190.0
829	3706.9	-385.5	285.0	830	3706.9	-385.5	380.0	831	3705.7	-316.7	95.0
833	3705.7	-316.7	190.0	834	3705.7	-316.7	285.0	835	3705.7	-316.7	380.0
836	3704.5	-247.9	95.0	838	3704.5	-247.9	190.0	839	3704.5	-247.9	285.0
840	3704.6	-254.6	380.0	841	3703.2	-179.1	95.0	843	3703.2	-179.1	190.0
844	3703.2	-179.1	285.0	845	3703.2	-179.1	380.0	846	2937.8	418.0	431.8
847	2993.6	417.8	431.8	848	3049.4	417.5	431.8	849	3701.9	-105.5	285.0
850	3701.9	-105.5	380.0	851	3700.6	-31.8	95.0	853	3700.6	-31.8	190.0
854	3700.6	-31.8	285.0	855	3700.6	-31.8	380.0	856	3699.5	31.4	95.0
858	3699.5	31.4	190.0	859	3699.5	31.4	285.0	860	3699.5	31.4	380.0
861	3699.0	62.9	95.0	863	3699.0	62.9	190.0	864	3699.0	62.9	285.0
865	3699.0	62.9	380.0	866	3696.7	189.9	95.0	868	3696.7	189.9	190.0
869	3696.7	189.9	285.0	870	3696.7	189.9	380.0	871	3695.6	253.4	95.0
873	3695.6	253.4	190.0	874	3695.6	253.4	285.0	875	3695.6	253.4	380.0
876	3694.5	316.9	95.0	878	3694.5	316.9	190.0	879	3694.5	316.9	285.0
880	3694.5	316.9	380.0	881	2690.1	419.3	480.0	882	2826.3	418.6	431.8
883	2882.1	418.3	431.8	884	3693.3	380.4	285.0	885	3693.3	380.4	380.0
886	3692.4	432.4	95.0	888	3692.4	432.4	190.0	889	3692.4	432.4	285.0
890	3692.4	432.4	380.0	891	3691.2	499.7	95.0	893	3691.2	499.7	190.0
894	3691.2	499.7	285.0	895	3691.2	499.7	380.0	896	3690.0	567.0	95.0
898	3690.0	567.0	190.0	899	3690.0	567.0	285.0	900	3690.0	567.0	380.0
901	3688.8	634.4	95.0	903	3688.8	634.4	190.0	904	3688.8	634.4	285.0
905	3688.8	634.4	380.0	906	3687.8	691.8	95.0	908	3687.8	691.8	190.0
909	3687.8	691.8	285.0	910	3687.8	691.8	380.0	911	3686.8	749.2	95.0
913	3686.8	749.2	190.0	914	3686.8	749.2	285.0	915	3686.8	749.2	380.0
916	2573.7	419.8	480.0	917	2612.5	419.7	480.0	918	2651.3	419.5	480.0
919	3685.6	817.9	285.0	920	3685.6	817.9	380.0	921	3684.4	886.7	95.0
923	3684.4	886.7	190.0	924	3684.4	886.7	285.0	925	3684.4	886.7	380.0
926	3683.4	944.1	95.0	928	3683.4	944.1	190.0	929	3683.4	944.1	285.0
930	3683.4	944.1	380.0	931	3682.3	1001.5	95.0	933	3682.3	1001.5	190.0
934	3682.3	1001.5	285.0	935	3682.3	1001.5	380.0	936	3681.4	1055.8	95.0
938	3681.4	1055.8	190.0	939	3681.4	1055.8	285.0	940	3681.4	1055.8	380.0
941	3680.3	1116.2	95.0	943	3680.3	1116.2	190.0	944	3680.3	1116.2	285.0
945	3680.3	1116.2	380.0	946	2239.4	421.5	480.0	947	2361.9	420.9	431.8
948	2405.2	420.7	431.8	949	3679.2	1178.9	285.0	950	3679.2	1178.9	380.0
951	2448.4	420.5	431.8	952	2491.7	420.3	431.8	953	2535.0	420.0	431.8
954	3678.1	1241.6	285.0	955	3678.1	1241.6	380.0	956	2578.2	419.8	431.8
957	2621.5	419.6	431.8	958	2664.7	419.4	431.8	959	3677.0	1304.3	285.0
960	3677.0	1304.3	380.0	961	2708.0	419.2	431.8	962	2379.8	420.8	480.0

963	2418.6	420.6	480.0	964	3675.9	1367.0	285.0	965	3675.9	1367.0	380.0
966	2457.4	420.4	480.0	967	2496.2	420.2	480.0	968	2535.0	420.0	480.0
969	3674.8	1429.6	285.0	970	3674.8	1429.6	380.0	971	3673.6	1492.3	95.0
973	3673.6	1492.3	190.0	974	3673.6	1492.3	285.0	975	3673.6	1492.3	380.0
976	3672.8	1542.8	95.0	978	3672.8	1542.8	190.0	979	3672.8	1542.8	285.0
980	3672.8	1542.8	380.0	981	3671.9	1593.3	95.0	983	3671.9	1593.3	190.0
984	3671.9	1593.3	285.0	985	3671.9	1593.3	380.0	986	3671.0	1643.8	95.0
988	3671.0	1643.8	190.0	989	3671.0	1643.8	285.0	990	3671.0	1643.8	380.0
991	3584.5	1645.6	95.0	993	3584.5	1645.6	190.0	994	3584.5	1645.6	285.0
995	3584.5	1645.6	380.0	996	3498.1	1647.3	95.0	998	3498.1	1647.3	190.0
999	3498.1	1647.3	285.0	1000	3498.1	1647.3	380.0	1001	3411.6	1649.1	95.0
1003	3411.6	1649.1	190.0	1004	3411.6	1649.1	285.0	1005	3411.6	1649.1	380.0
1006	3325.2	1650.8	95.0	1008	3325.2	1650.8	190.0	1009	3325.2	1650.8	285.0
1010	3325.2	1650.8	380.0	1011	3176.3	416.9	95.0	1013	3176.3	416.9	190.0
1014	3176.3	416.9	285.0	1015	3176.3	416.9	380.0	1016	3117.2	417.1	95.0
1018	3117.2	417.1	190.0	1019	3117.2	417.1	285.0	1020	3117.2	417.1	380.0
1021	3058.1	417.4	95.0	1023	3058.1	417.4	190.0	1024	3058.1	417.4	285.0
1025	3058.1	417.4	380.0	1026	2999.0	417.7	95.0	1028	2999.0	417.7	190.0
1029	2999.0	417.7	285.0	1030	2999.0	417.7	380.0	1031	2940.0	418.0	95.0
1033	2940.0	418.0	190.0	1034	2940.0	418.0	285.0	1035	2940.0	418.0	380.0
1036	2880.9	418.3	95.0	1038	2880.9	418.3	190.0	1039	2880.9	418.3	285.0
1040	2880.9	418.3	380.0	1041	2821.8	418.6	95.0	1043	2821.8	418.6	190.0
1044	2821.8	418.6	285.0	1045	2821.8	418.6	380.0	1046	2717.6	419.1	95.0
1048	2717.6	419.1	190.0	1049	2717.6	419.1	285.0	1050	2717.6	419.1	380.0
1051	2672.5	419.4	95.0	1053	2672.5	419.4	190.0	1054	2672.5	419.4	285.0
1055	2672.5	419.4	380.0	1056	2627.4	419.6	95.0	1058	2627.4	419.6	190.0
1059	2627.4	419.6	285.0	1060	2627.4	419.6	380.0	1061	2582.4	419.8	95.0
1063	2582.4	419.8	190.0	1064	2582.4	419.8	285.0	1065	2582.4	419.8	380.0
1066	2537.3	420.0	95.0	1068	2537.3	420.0	190.0	1069	2537.3	420.0	285.0
1070	2537.3	420.0	380.0	1071	2492.2	420.3	95.0	1073	2492.2	420.3	190.0
1074	2492.2	420.3	285.0	1075	2492.2	420.3	380.0	1076	2447.1	420.5	95.0
1078	2447.1	420.5	190.0	1079	2447.1	420.5	285.0	1080	2447.1	420.5	380.0
1081	2402.0	420.7	95.0	1083	2402.0	420.7	190.0	1084	2402.0	420.7	285.0
1085	2402.0	420.7	380.0	1086	2356.9	420.9	95.0	1088	2356.9	420.9	190.0
1089	2356.9	420.9	285.0	1090	2356.9	420.9	380.0	1091	2311.9	421.1	95.0
1093	2311.9	421.1	190.0	1094	2311.9	421.1	285.0	1095	2311.9	421.1	380.0
1096	2267.0	421.4	95.0	1098	2267.0	421.4	190.0	1099	2267.0	421.4	285.0
1100	2267.0	421.4	380.0	1101	2222.1	421.6	95.0	1103	2222.1	421.6	190.0
1104	2222.1	421.6	285.0	1105	2222.1	421.6	380.0	1106	2177.2	421.8	95.0
1108	2177.2	421.8	190.0	1109	2177.2	421.8	285.0	1110	2177.2	421.8	380.0
1111	2132.3	422.0	95.0	1113	2132.3	422.0	190.0	1114	2132.3	422.0	285.0
1115	2132.3	422.0	380.0	1116	2087.4	422.3	95.0	1118	2087.4	422.3	190.0
1119	2087.4	422.3	285.0	1120	2087.4	422.3	380.0	1121	2042.5	422.5	95.0
1123	2042.5	422.5	190.0	1124	2042.5	422.5	285.0	1125	2042.5	422.5	380.0
1126	1997.7	422.7	95.0	1128	1997.7	422.7	190.0	1129	1997.7	422.7	285.0
1130	1997.7	422.7	380.0	1131	1952.8	422.9	95.0	1133	1952.8	422.9	190.0
1134	1952.8	422.9	285.0	1135	1952.8	422.9	380.0	1136	1907.9	423.2	95.0
1138	1907.9	423.2	190.0	1139	1907.9	423.2	285.0	1140	1907.9	423.2	380.0
1141	1863.0	423.4	95.0	1143	1863.0	423.4	190.0	1144	1863.0	423.4	285.0
1145	1863.0	423.4	380.0	1146	1819.6	423.6	95.0	1148	1819.6	423.6	190.0
1149	1819.6	423.6	285.0	1150	1819.6	423.6	380.0	1151	1776.2	423.8	95.0
1153	1776.2	423.8	190.0	1154	1776.2	423.8	285.0	1155	1776.2	423.8	380.0
1156	1732.8	424.0	95.0	1158	1732.8	424.0	190.0	1159	1732.8	424.0	285.0
1160	1732.8	424.0	380.0	1161	1689.4	424.2	95.0	1163	1689.4	424.2	190.0
1164	1689.4	424.2	285.0	1165	1689.4	424.2	380.0	1166	1646.0	424.5	95.0
1168	1646.0	424.5	190.0	1169	1646.0	424.5	285.0	1170	1646.0	424.5	380.0
1171	1602.6	424.7	95.0	1173	1602.6	424.7	190.0	1174	1602.6	424.7	285.0
1175	1602.6	424.7	380.0	1176	1559.2	424.9	95.0	1178	1559.2	424.9	190.0
1179	1559.2	424.9	285.0	1180	1559.2	424.9	380.0	1181	1515.8	425.1	95.0
1183	1515.8	425.1	190.0	1184	1515.8	425.1	285.0	1185	1515.8	425.1	380.0
1186	1472.4	425.3	95.0	1188	1472.4	425.3	190.0	1189	1472.4	425.3	285.0
1190	1472.4	425.3	380.0	1191	1429.0	425.5	95.0	1193	1429.0	425.5	190.0
1194	1429.0	425.5	285.0	1195	1429.0	425.5	380.0	1196	3170.2	636.2	95.0
1198	3170.2	636.2	190.0	1199	3170.2	636.2	285.0	1200	3170.2	636.2	380.0
1201	3109.2	636.5	95.0	1203	3109.2	636.5	190.0	1204	3109.2	636.5	285.0
1205	3109.2	636.5	380.0	1206	3048.1	636.8	95.0	1208	3048.1	636.8	190.0
1209	3048.1	636.8	285.0	1210	3048.1	636.5	380.0	1212	1024.6	1322.9	481.8
1213	1690.5	424.2	480.0	1214	1737.1	424.0	480.0	1215	3048.1	636.5	190.0
1216	2998.2	636.9	190.0	1217	3048.1	636.5	285.0	1218	2998.2	636.9	285.0
1219	358.2	582.7	674.9	1220	2998.2	636.9	380.0	1221	2948.2	637.3	95.0
1223	2948.2	637.3	190.0	1224	2948.2	637.3	285.0	1225	2948.2	637.3	380.0
1226	2887.2	637.6	95.0	1228	2887.2	637.6	190.0	1229	2887.2	637.6	285.0
1230	2887.2	637.6	380.0	1231	2826.1	637.9	95.0	1233	2826.1	637.9	190.0
1234	2826.1	637.9	285.0	1235	2826.1	637.9	380.0	1236	2720.0	638.4	95.0
1238	2720.0	638.4	190.0	1239	2720.0	638.4	285.0	1240	2720.0	638.4	380.0
1241	2674.8	638.7	95.0	1243	2674.8	638.7	190.0	1244	2674.8	638.7	285.0
1245	2674.8	638.7	380.0	1246	2629.7	638.9	95.0	1248	2629.7	638.9	190.0

1249	2629.7	638.9	285.0	1250	2629.7	638.9	380.0	1251	2584.6	639.1	95.0
1253	2584.6	639.1	190.0	1254	2584.6	639.1	285.0	1255	2584.6	639.1	380.0
1257	2486.2	639.6	95.0	1258	2442.9	639.8	95.0	1260	2486.2	639.6	190.0
1261	2442.9	639.8	190.0	1262	2486.2	639.6	285.0	1263	2442.9	639.8	285.0
1264	2486.2	639.6	380.0	1265	2442.9	639.8	380.0	1266	2399.6	640.0	95.0
1268	2399.6	640.0	190.0	1269	2399.6	640.0	285.0	1270	2399.6	640.0	380.0
1271	2356.3	640.2	95.0	1273	2356.3	640.2	190.0	1274	2356.3	640.2	285.0
1275	2356.3	640.2	380.0	1276	2313.0	640.5	95.0	1278	2313.0	640.5	190.0
1279	2313.0	640.5	285.0	1280	1583.5	1686.1	285.0	1281	1597.4	424.7	480.0
1282	1644.0	424.5	480.0	1283	2535.4	639.4	190.0	1284	2535.4	639.4	285.0
1285	2535.4	639.4	380.0	1286	2264.1	640.7	95.0	1288	2264.1	640.7	190.0
1289	2264.1	640.7	285.0	1290	2264.1	640.7	380.0	1291	2215.1	640.9	95.0
1293	2215.1	640.9	190.0	1294	2215.1	640.9	285.0	1295	2215.1	640.9	380.0
1296	2166.2	641.2	95.0	1298	2166.2	641.2	190.0	1299	2166.2	641.2	285.0
1300	2166.2	641.2	380.0	1301	2117.2	641.4	95.0	1303	2117.2	641.4	190.0
1304	2117.2	641.4	285.0	1305	2117.2	641.4	380.0	1307	2022.4	641.9	95.0
1308	1982.8	642.1	95.0	1310	2022.4	641.9	190.0	1311	1982.8	642.1	190.0
1312	2022.4	641.9	285.0	1313	1982.8	642.1	285.0	1314	2022.4	641.9	380.0
1315	1982.8	642.1	380.0	1316	1943.3	642.3	95.0	1318	1943.3	642.3	190.0
1319	1943.3	642.3	285.0	1320	1943.3	642.3	380.0	1321	1903.7	642.5	95.0
1323	1903.7	642.5	190.0	1324	1903.7	642.5	285.0	1325	1903.7	642.5	380.0
1326	1864.1	642.7	95.0	1328	1864.1	642.7	190.0	1329	1864.1	642.7	285.0
1330	1864.1	642.7	380.0	1331	1504.3	425.2	480.0	1332	1550.9	424.9	480.0
1333	2069.8	641.7	190.0	1334	2069.8	641.7	285.0	1335	2069.8	641.7	380.0
1336	1822.7	642.9	95.0	1338	1822.7	642.9	190.0	1339	1822.7	642.9	285.0
1340	1822.7	642.9	380.0	1341	1781.3	643.1	95.0	1343	1781.3	643.1	190.0
1344	1781.3	643.1	285.0	1345	1781.3	643.1	380.0	1346	1739.9	643.3	95.0
1348	1739.9	643.3	190.0	1349	1739.9	643.3	285.0	1350	1739.9	643.3	380.0
1351	1698.5	643.5	95.0	1353	1698.5	643.5	190.0	1354	1698.5	643.5	285.0
1355	1698.5	643.5	380.0	1356	1657.1	643.7	95.0	1358	1657.1	643.7	190.0
1359	1657.1	643.7	285.0	1360	1657.1	643.7	380.0	1361	1602.4	424.7	431.8
1362	1560.9	424.9	431.8	1363	1617.1	643.9	190.0	1364	1617.1	643.9	285.0
1365	1617.1	643.9	380.0	1366	1519.4	425.1	431.8	1367	1477.9	425.3	431.8
1368	1577.2	644.1	190.0	1369	1577.2	644.1	285.0	1370	1577.2	644.1	380.0
1371	1537.2	644.3	95.0	1373	1537.2	644.3	190.0	1374	1537.2	644.3	285.0
1375	1537.2	644.3	380.0	1376	1483.6	644.6	95.0	1378	1483.6	644.6	190.0
1379	1483.6	644.6	285.0	1380	1483.6	644.6	380.0	1381	1430.1	644.9	95.0
1383	1430.1	644.9	190.0	1384	1430.1	644.9	285.0	1385	1430.1	644.9	380.0
1386	1372.7	636.7	95.0	1388	1372.7	636.7	190.0	1389	1372.7	636.7	285.0
1390	1372.7	636.7	380.0	1391	1315.2	628.5	95.0	1393	1315.2	628.5	190.0
1394	1315.2	628.5	285.0	1395	1315.2	628.5	380.0	1396	1257.8	620.4	95.0
1398	1257.8	620.4	190.0	1399	1257.8	620.4	285.0	1400	1257.8	620.4	380.0
1401	1200.4	612.2	95.0	1403	1200.4	612.2	190.0	1404	1200.4	612.2	285.0
1405	1200.4	612.2	380.0	1406	1142.9	604.1	95.0	1408	1142.9	604.1	190.0
1409	1142.9	604.1	285.0	1410	1142.9	604.1	380.0	1411	1085.5	595.9	95.0
1413	1085.5	595.9	190.0	1414	1085.5	595.9	285.0	1415	1085.5	595.9	380.0
1416	1028.1	587.8	95.0	1418	1028.1	587.8	190.0	1419	1028.1	587.8	285.0
1420	1028.1	587.8	380.0	1421	2857.3	1660.3	95.0	1423	2857.3	1660.3	190.0
1424	2857.3	1660.3	285.0	1425	2865.0	1660.2	380.0	1426	2904.1	1659.4	95.0
1428	2904.1	1659.4	190.0	1429	2904.1	1659.4	285.0	1430	2912.3	1659.3	380.0
1431	2950.8	1658.4	95.0	1433	2950.8	1658.4	190.0	1434	2950.8	1658.4	285.0
1435	2959.6	1658.3	380.0	1436	2997.6	1657.5	95.0	1438	2997.6	1657.5	190.0
1439	2997.6	1657.5	285.0	1440	3006.9	1657.4	380.0	1441	3044.3	1656.5	95.0
1443	3044.3	1656.5	190.0	1444	3044.3	1656.5	285.0	1445	3054.2	1656.4	380.0
1446	3091.0	1655.6	95.0	1448	3091.0	1655.6	190.0	1449	3091.0	1655.6	285.0
1450	3101.5	1655.4	380.0	1451	3137.8	1654.6	95.0	1453	3137.8	1654.6	190.0
1454	3137.8	1654.6	285.0	1455	3148.8	1654.5	380.0	1456	3184.5	1653.7	95.0
1458	3184.5	1653.7	190.0	1459	3184.5	1653.7	285.0	1460	3196.1	1653.5	380.0
1461	2312.7	585.6	95.0	1463	2312.7	585.6	190.0	1464	2312.7	585.6	285.0
1465	2312.7	585.8	380.0	1466	2312.4	530.8	95.0	1468	2312.4	530.8	190.0
1469	2312.4	530.8	285.0	1470	2312.4	531.0	380.0	1471	2312.1	476.0	95.0
1473	2312.1	476.0	190.0	1474	2312.1	476.0	285.0	1475	2312.1	476.1	380.0
1476	1863.8	587.9	95.0	1478	1863.8	587.9	190.0	1479	1863.8	587.9	285.0
1480	1863.8	588.0	380.0	1481	1863.6	533.0	95.0	1483	1863.6	533.0	190.0
1484	1863.6	533.0	285.0	1485	1863.6	533.1	380.0	1486	1863.3	478.2	95.0
1488	1863.3	478.2	190.0	1489	1863.3	478.2	285.0	1490	1863.3	478.3	380.0
1491	1429.8	590.0	95.0	1493	1429.8	590.0	190.0	1494	1429.8	590.0	285.0
1495	1429.8	590.0	380.0	1496	1429.6	535.2	95.0	1498	1429.6	535.2	190.0
1499	1429.6	535.2	285.0	1500	1429.6	535.2	380.0	1501	1429.3	480.4	95.0
1503	1429.3	480.4	190.0	1504	1429.3	480.4	285.0	1505	1429.3	480.4	380.0
1506	2289.9	1620.2	95.0	1508	2289.9	1620.2	190.0	1509	2289.9	1620.2	285.0
1510	2289.9	1620.2	380.0	1511	2289.9	1568.6	95.0	1513	2289.9	1568.6	190.0
1514	2289.9	1568.6	285.0	1515	2289.9	1568.6	380.0	1516	2289.9	1517.0	95.0
1518	2289.9	1517.0	190.0	1519	2289.9	1517.0	285.0	1520	2289.9	1517.0	380.0
1521	2289.9	1465.4	95.0	1523	2289.9	1465.4	190.0	1524	2289.9	1465.4	285.0
1525	2289.9	1465.4	380.0	1526	2289.8	1413.8	95.0	1528	2289.8	1413.8	190.0
1529	2289.8	1413.8	285.0	1530	2289.8	1413.8	380.0	1531	2289.8	1362.2	95.0

1533	2289.8	1362.2	190.0	1534	2289.8	1362.2	285.0	1535	2289.8	1362.2	380.0
1536	2289.8	1310.6	95.0	1538	2289.8	1310.6	190.0	1539	2289.8	1310.6	285.0
1540	2289.8	1310.6	380.0	1541	2289.8	1259.0	95.0	1543	2289.8	1259.0	190.0
1544	2289.8	1259.0	285.0	1545	2289.8	1259.0	380.0	1546	2289.7	1207.4	95.0
1548	2289.7	1207.4	190.0	1549	2289.7	1207.4	285.0	1550	2289.7	1207.4	380.0
1551	2289.7	1155.8	95.0	1553	2289.7	1155.8	190.0	1554	2289.7	1155.8	285.0
1555	2289.7	1155.8	380.0	1556	2289.7	1104.2	95.0	1558	2289.7	1104.2	190.0
1559	2289.7	1104.2	285.0	1560	2289.7	1104.2	380.0	1561	2098.8	1053.5	285.0
1562	1194.8	1058.0	95.0	1563	2162.4	421.9	480.0	1564	2214.2	421.8	431.8
1565	2057.4	1053.7	190.0	1566	2057.4	1053.7	285.0	1568	2015.9	1053.9	95.0
1570	2015.9	1053.9	190.0	1571	2015.9	1053.9	285.0	1572	1194.8	1058.0	190.0
1573	1971.6	1054.2	95.0	1575	1971.6	1054.2	190.0	1576	1971.6	1054.2	285.0
1577	1194.8	1058.0	285.0	1578	1927.4	1054.4	95.0	1580	1927.4	1054.4	190.0
1581	1927.4	1054.4	285.0	1582	1506.7	1056.5	285.0	1583	1883.1	1054.6	95.0
1585	1883.1	1054.6	190.0	1586	1883.1	1054.6	285.0	1587	1148.9	1058.3	95.0
1588	1838.8	1054.8	95.0	1590	1838.8	1054.8	190.0	1591	1838.8	1054.8	285.0
1593	1794.5	1055.0	95.0	1595	1794.5	1055.0	190.0	1596	1794.5	1055.0	285.0
1597	1148.9	1058.3	190.0	1598	1750.2	1055.3	95.0	1600	1750.2	1055.3	190.0
1601	1750.2	1055.3	285.0	1602	1148.9	1058.3	285.0	1603	1705.9	1055.5	95.0
1605	1705.9	1055.5	190.0	1606	1705.9	1055.5	285.0	1607	1931.3	423.0	480.0
1608	1661.6	1055.7	95.0	1610	1661.6	1055.7	190.0	1611	1661.6	1055.7	285.0
1612	1103.1	1058.5	95.0	1613	1617.3	1055.9	95.0	1615	1617.3	1055.9	190.0
1616	3044.8	885.1	575.9	1617	2998.2	843.9	580.0	1618	3044.8	843.9	580.0
1619	2998.2	885.1	580.0	1620	2951.5	885.1	575.9	1621	2951.5	843.9	580.0
1622	3044.8	802.7	575.9	1623	2998.2	802.7	580.0	1624	2951.5	802.7	575.9
1625	3091.4	843.9	580.0	1626	3091.4	885.1	575.9	1627	2998.2	926.3	580.0
1628	3044.8	926.3	575.9	1629	2904.9	843.9	580.0	1630	2904.9	885.1	575.9
1631	2998.2	761.5	580.0	1632	3044.8	761.5	575.9	1633	2904.9	802.7	575.9
1634	2951.5	761.5	575.9	1635	3091.4	802.7	575.9	1636	2951.5	926.3	575.9
1637	3138.0	843.9	580.0	1638	3138.0	885.1	575.9	1639	2998.2	967.5	580.0
1640	3044.8	967.5	575.9	1641	2858.3	843.9	580.0	1642	2858.3	885.1	575.9
1643	2998.2	720.3	580.0	1644	3044.8	720.3	575.9	1645	2858.3	802.7	575.9
1646	2951.5	720.3	575.9	1647	3138.0	802.7	575.9	1648	2951.5	967.5	575.9
1649	3184.6	843.9	580.0	1650	3184.6	885.1	575.9	1651	2998.2	1008.7	580.0
1652	3044.8	1008.7	575.9	1653	2811.7	843.9	580.0	1654	2811.7	885.1	575.9
1655	2998.2	679.1	580.0	1656	3044.8	679.1	575.9	1657	2811.7	802.7	575.9
1658	2951.5	679.1	575.9	1659	3184.6	802.7	575.9	1660	2951.5	1008.7	575.9
1661	3232.1	843.9	580.0	1662	3232.3	885.1	575.9	1663	2998.2	1049.9	580.0
1664	3044.8	1049.9	575.9	1665	2765.1	843.9	580.0	1666	2765.1	885.1	575.9
1667	2998.2	637.1	580.0	1668	3044.8	636.8	575.9	1669	2765.1	802.7	575.9
1670	2951.5	637.3	575.9	1671	3231.9	802.7	575.9	1672	2951.5	1049.9	575.9
1673	3091.4	926.3	563.2	1674	2904.9	926.3	563.2	1675	3091.4	761.5	563.2
1676	2904.9	761.5	563.2	1677	3138.0	926.3	563.2	1678	3091.4	967.5	563.2
1679	2858.3	926.3	563.2	1680	3091.4	720.3	563.2	1681	2858.3	761.5	563.2
1682	2904.9	720.3	563.2	1683	3138.0	761.5	563.2	1684	2904.9	967.5	563.2
1685	3184.6	926.3	563.2	1686	3091.4	1008.7	563.2	1687	2811.7	926.3	563.2
1688	3091.4	679.1	563.2	1689	2811.7	761.5	563.2	1690	2904.9	679.1	563.2
1691	3184.6	761.5	563.2	1692	2904.9	1008.7	563.2	1693	3232.4	926.3	563.2
1694	3091.4	1049.9	563.2	1695	2765.1	926.3	563.2	1696	3091.4	636.6	563.2
1697	2765.1	761.5	563.2	1698	2904.9	637.5	563.2	1699	3231.8	761.5	563.2
1700	2904.9	1049.9	563.2	1701	3138.0	967.5	539.7	1702	2858.3	967.5	539.7
1703	3138.0	720.3	539.7	1704	2858.3	720.3	539.7	1705	3184.6	967.5	539.7
1706	3138.0	1008.7	539.7	1707	2811.7	967.5	539.7	1708	3138.0	679.1	539.7
1709	2811.7	720.3	539.7	1710	2858.3	679.1	539.7	1711	3184.6	720.3	539.7
1712	2858.3	1008.7	539.7	1713	3232.6	967.5	539.7	1714	3138.0	1049.9	539.7
1715	2765.1	967.5	539.7	1716	3138.0	636.4	539.7	1717	2765.1	720.3	539.7
1718	2858.3	637.8	539.7	1719	3231.6	720.3	539.7	1720	2858.3	1049.9	539.7
1721	3184.6	1008.7	499.4	1722	2811.7	1008.7	499.4	1723	3184.6	679.1	499.4
1724	2811.7	679.1	499.4	1725	3232.8	1008.7	499.4	1726	3184.6	1049.9	499.4
1727	2765.1	1008.7	499.4	1728	3184.6	636.1	499.4	1729	2765.1	679.1	499.4
1730	2811.7	638.0	499.4	1731	3231.4	679.1	499.4	1732	2811.7	1049.9	499.4
1733	1685.5	424.3	431.8	1734	1580.4	1056.1	190.0	1735	1541.9	1687.0	95.0
1737	2579.0	887.5	575.9	1738	2532.4	846.3	580.0	1739	2579.0	846.3	580.0
1740	2532.4	887.5	580.0	1741	2485.7	887.5	575.9	1742	2485.7	846.3	580.0
1743	2579.0	805.1	575.9	1744	2532.4	805.1	580.0	1745	2485.7	805.1	575.9
1746	2625.6	846.3	580.0	1747	2625.6	887.5	575.9	1748	2532.4	928.7	580.0
1749	2579.0	928.7	575.9	1750	2439.1	846.3	580.0	1751	2439.1	887.5	575.9
1752	2532.4	763.9	580.0	1753	2579.0	763.9	575.9	1754	2439.1	805.1	575.9
1755	2485.7	763.9	575.9	1756	2625.6	805.1	575.9	1757	2485.7	928.7	575.9
1758	2672.2	846.3	580.0	1759	2672.2	887.5	575.9	1760	2532.4	969.9	580.0
1761	2579.0	969.9	575.9	1762	2392.5	846.3	580.0	1763	2392.5	887.5	575.9
1764	2532.4	722.7	580.0	1765	2579.0	722.7	575.9	1766	2392.5	805.1	575.9
1767	2485.7	722.7	575.9	1768	2672.2	805.1	575.9	1769	2485.7	969.9	575.9
1770	2718.8	846.3	580.0	1771	2718.8	887.5	575.9	1772	2532.4	1011.1	580.0
1773	2579.0	1011.1	575.9	1774	2345.9	846.3	580.0	1775	2345.9	887.5	575.9
1776	2532.4	681.5	580.0	1777	2579.0	681.5	575.9	1778	2345.9	805.1	575.9
1779	2485.7	681.5	575.9	1780	2718.8	805.1	575.9	1781	2485.7	1011.1	575.9

1782	2718.8	1052.3	499.4	1783	2292.0	1010.6	499.4	1784	2532.4	1052.3	580.0
1785	2579.0	1052.3	575.9	1786	2301.3	846.4	580.0	1787	2299.0	887.4	575.9
1788	2532.3	639.4	580.0	1789	2579.0	639.1	575.9	1790	2303.7	805.3	575.9
1791	2485.7	639.6	575.9	1792	2718.8	638.4	499.4	1793	2485.7	1052.3	575.9
1794	2625.6	928.7	563.2	1795	2439.1	928.7	563.2	1796	2625.6	763.9	563.2
1797	2439.1	763.9	563.2	1798	2672.2	928.7	563.2	1799	2625.6	969.9	563.2
1800	2392.5	928.7	563.2	1801	2625.6	722.7	563.2	1802	2392.5	763.9	563.2
1803	2439.1	722.7	563.2	1804	2672.2	763.9	563.2	1805	2439.1	969.9	563.2
1806	2718.8	928.7	563.2	1807	2625.6	1011.1	563.2	1808	2345.9	928.7	563.2
1809	2625.6	681.5	563.2	1810	2345.9	763.9	563.2	1811	2439.1	681.5	563.2
1812	2718.8	763.9	563.2	1813	2439.1	1011.1	563.2	1814	2310.6	682.1	499.4
1815	2625.6	1052.3	563.2	1816	2296.7	928.5	563.2	1817	2625.6	638.9	563.2
1818	2306.0	764.2	563.2	1819	2439.1	639.8	563.2	1820	2345.9	640.3	499.4
1821	2439.1	1052.3	563.2	1822	2672.2	969.9	539.7	1823	2392.5	969.9	539.7
1824	2672.2	722.7	539.7	1825	2392.5	722.7	539.7	1826	2718.8	969.9	539.7
1827	2672.2	1011.1	539.7	1828	2345.9	969.9	539.7	1829	2672.2	681.5	539.7
1830	2345.9	722.7	539.7	1831	2392.5	681.5	539.7	1832	2718.8	722.7	539.7
1833	2392.5	1011.1	539.7	1834	1541.9	1687.0	190.0	1835	2672.2	1052.3	539.7
1836	2294.3	969.6	539.7	1837	2672.2	638.7	539.7	1838	2308.3	723.2	539.7
1839	2392.5	640.1	539.7	1840	2345.9	1052.3	499.4	1841	2392.5	1052.3	539.7
1842	2266.8	1013.3	499.4	1843	1901.7	1021.8	499.4	1844	2266.6	683.5	499.4
1845	1893.8	683.7	499.4	1846	1541.9	1687.0	285.0	1847	2674.7	1574.2	521.8
1848	2673.9	1510.7	553.6	1849	2673.0	1436.8	573.6	1850	2672.0	1357.4	580.5
1851	2718.3	1277.5	573.4	1852	2717.3	1203.6	553.4	1853	2716.5	1140.2	521.6
1854	2715.9	1091.5	480.1	1855	2715.5	1060.9	431.8	1856	1580.4	1056.1	285.0
1857	3194.2	1502.2	551.4	1858	2126.9	889.7	575.9	1859	2084.1	852.6	580.0
1860	2126.9	848.5	580.0	1861	2080.3	889.7	580.0	1862	2038.5	894.9	575.9
1863	2033.7	848.5	580.0	1864	2129.7	810.4	575.9	1865	2080.3	807.3	580.0
1866	2033.7	807.3	575.9	1867	2173.5	848.5	580.0	1868	2173.5	889.7	575.9
1869	2080.3	930.9	580.0	1870	2126.9	930.9	575.9	1871	1987.1	848.5	580.0
1872	1987.1	889.7	575.9	1873	2080.3	766.1	580.0	1874	2126.9	766.1	575.9
1875	1987.1	807.3	575.9	1876	2033.7	766.1	575.9	1877	2173.5	807.3	575.9
1878	2033.7	930.9	575.9	1879	2220.1	848.5	580.0	1880	2220.1	889.7	575.9
1881	2080.3	972.1	580.0	1882	2126.9	972.1	575.9	1883	1940.4	848.5	580.0
1884	1940.4	889.7	575.9	1885	2080.3	724.9	580.0	1886	2126.9	724.9	575.9
1887	1940.4	807.3	575.9	1888	2033.7	724.9	575.9	1889	2220.1	807.3	575.9
1890	2033.7	972.1	575.9	1891	2266.8	848.5	580.0	1892	2266.8	889.7	575.9
1893	2080.3	1013.3	580.0	1894	2126.9	1013.3	575.9	1895	1893.8	848.5	580.0
1896	1893.8	889.7	575.9	1897	2080.3	683.7	580.0	1898	2126.9	683.7	575.9
1899	1893.8	807.3	575.9	1900	2033.7	683.7	575.9	1901	2266.8	807.3	575.9
1902	2033.7	1013.3	575.9	1903	2266.8	1054.5	499.4	1904	1866.0	1012.8	499.4
1905	2080.3	1054.5	580.0	1906	2126.9	1054.5	575.9	1907	1865.1	848.5	580.0
1908	1865.3	889.6	575.9	1909	2080.3	641.6	580.0	1910	2126.9	641.4	575.9
1911	1864.9	807.5	575.9	1912	2033.7	641.8	575.9	1913	2266.8	640.7	499.4
1914	2033.7	1054.5	575.9	1915	2173.5	930.9	563.2	1916	1992.9	937.2	563.2
1917	2175.3	768.1	563.2	1918	1987.1	766.1	563.2	1919	2220.1	930.9	563.2
1920	2173.5	972.1	563.2	1921	1940.4	930.9	563.2	1922	2173.5	724.9	563.2
1923	1940.4	766.1	563.2	1924	1987.1	724.9	563.2	1925	2220.1	766.1	563.2
1926	1987.1	972.1	563.2	1927	2266.8	930.9	563.2	1928	2173.5	1013.3	563.2
1929	1893.8	930.9	563.2	1930	2173.5	683.7	563.2	1931	1893.8	766.1	563.2
1932	1987.1	683.7	563.2	1933	2266.8	766.1	563.2	1934	1987.1	1013.3	563.2
1935	1864.3	684.3	499.4	1936	2173.5	1054.5	563.2	1937	1865.5	930.7	563.2
1938	2173.5	641.2	563.2	1939	1864.7	766.4	563.2	1940	1987.0	642.1	563.2
1941	1893.8	642.5	499.4	1942	1987.1	1054.5	563.2	1943	2220.1	972.1	539.7
1944	1947.3	979.5	539.7	1945	2221.0	725.8	539.7	1946	1940.4	724.9	539.7
1947	2266.8	972.1	539.7	1948	2220.1	1013.3	539.7	1949	1893.8	972.1	539.7
1950	2220.1	683.7	539.7	1951	1893.8	724.9	539.7	1952	1940.4	683.7	539.7
1953	2266.8	724.9	539.7	1954	1940.4	1013.3	539.7	1955	1868.8	1054.6	380.0
1956	2220.1	1054.5	539.7	1957	1865.7	971.7	539.7	1958	2220.1	640.9	539.7
1959	1864.5	725.4	539.7	1960	1940.4	642.3	539.7	1961	1893.8	1054.5	499.4
1962	1940.4	1054.5	539.7	1963	1688.1	891.9	575.9	1964	1644.1	850.7	580.0
1965	1688.1	850.7	580.0	1966	1644.1	891.9	580.0	1967	1600.1	891.9	575.9
1968	1600.1	850.7	580.0	1969	1688.1	809.5	575.9	1970	1644.1	809.5	580.0
1971	1600.1	809.5	575.9	1972	1732.1	850.7	580.0	1973	1732.1	891.9	575.9
1974	1644.1	933.1	580.0	1975	1688.1	933.1	575.9	1976	1556.1	850.7	580.0
1977	1556.1	891.9	575.9	1978	1644.1	768.3	580.0	1979	1688.1	768.3	575.9
1980	1556.1	809.5	575.9	1981	1600.1	768.3	575.9	1982	1732.1	809.5	575.9
1983	1600.1	933.1	575.9	1984	1776.1	850.7	580.0	1985	1776.1	891.9	575.9
1986	1644.1	974.3	580.0	1987	1688.1	974.3	575.9	1988	1512.1	850.7	580.0
1989	1512.1	891.9	575.9	1990	1644.1	727.1	580.0	1991	1688.1	727.1	575.9
1992	1512.1	809.5	575.9	1993	1600.1	727.1	575.9	1994	1776.1	809.5	575.9
1995	1600.1	974.3	575.9	1996	1820.1	850.7	580.0	1997	1820.1	891.9	575.9
1998	1644.1	1015.5	580.0	1999	1688.1	1015.5	575.9	2000	1468.1	850.7	580.0
2001	1468.1	891.9	575.9	2002	1644.1	685.9	580.0	2003	1688.1	685.9	575.9
2004	1468.1	809.5	575.9	2005	1600.1	685.9	575.9	2006	1820.1	809.5	575.9
2007	1600.1	1015.5	575.9	2008	3193.3	1429.2	571.1	2009	3192.3	1350.8	577.9
2010	1644.1	1056.7	580.0	2011	1688.1	1056.7	575.9	2012	1431.1	850.7	580.0

2013	1431.3	891.9	575.9	2014	1644.1	643.8	580.0	2015	1688.1	643.6	575.9
2016	1430.9	809.6	575.9	2017	1600.1	644.0	575.9	2018	3235.1	1272.0	570.9
2019	1600.1	1056.7	575.9	2020	1732.1	933.1	563.2	2021	1556.1	933.1	563.2
2022	1732.1	768.3	563.2	2023	1556.1	768.3	563.2	2024	1776.1	933.1	563.2
2025	1732.1	974.3	563.2	2026	1512.1	933.1	563.2	2027	1732.1	727.1	563.2
2028	1512.1	768.3	563.2	2029	1556.1	727.1	563.2	2030	1776.1	768.3	563.2
2031	1556.1	974.3	563.2	2032	1820.1	933.1	563.2	2033	1732.1	1015.5	563.2
2034	1468.1	933.1	563.2	2035	1732.1	685.9	563.2	2036	1468.1	768.3	563.2
2037	1556.1	685.9	563.2	2038	1820.1	768.3	563.2	2039	1556.1	1015.5	563.2
2040	3234.4	1199.1	551.2	2041	1732.1	1056.7	563.2	2042	1431.6	933.1	563.2
2043	1732.1	643.3	563.2	2044	1430.7	768.3	563.2	2045	1556.1	644.2	563.2
2046	1644.0	424.5	431.8	2047	1556.1	1056.7	563.2	2048	1776.1	974.3	539.7
2049	1512.1	974.3	539.7	2050	1776.1	727.1	539.7	2051	1512.1	727.1	539.7
2052	1820.1	974.3	539.7	2053	1776.1	1015.5	539.7	2054	1468.1	974.3	539.7
2055	1776.1	685.9	539.7	2056	1468.1	727.1	539.7	2057	1512.1	685.9	539.7
2058	1820.1	727.1	539.7	2059	1512.1	1015.5	539.7	2060	3006.8	1647.0	431.5
2061	1776.1	1056.7	539.7	2062	1431.8	974.3	539.7	2063	1776.1	643.1	539.7
2064	1430.5	727.1	539.7	2065	1512.1	644.4	539.7	2066	3006.4	1616.6	479.4
2067	1512.1	1056.7	539.7	2068	1820.1	1015.5	499.4	2069	1468.1	1015.5	499.4
2070	1820.1	685.9	499.4	2071	1468.1	685.9	499.4	2072	3005.8	1568.3	520.6
2073	1820.1	1056.7	499.4	2074	1432.0	1015.5	499.4	2075	1820.1	642.9	499.4
2076	1430.3	685.9	499.4	2077	1468.1	644.7	499.4	2078	3005.0	1505.3	552.2
2079	1468.1	1056.7	499.4	2080	3004.1	1431.9	572.0	2081	1447.9	1056.6	380.0
2082	2723.1	1663.1	380.0	2083	2337.3	1670.9	95.0	2084	2723.0	1652.7	431.8
2085	1432.0	1014.9	499.4	2086	2722.6	1622.1	480.1	2087	3195.0	1564.9	519.9
2088	2675.8	1664.1	380.0	2089	1430.3	686.5	499.4	2090	1431.6	932.8	563.2
2091	1430.7	768.6	563.2	2092	2722.0	1573.4	521.6	2093	1431.8	973.9	539.7
2094	1430.5	727.5	539.7	2095	1254.1	894.1	575.9	2096	1210.1	852.9	580.0
2097	1254.1	852.9	580.0	2098	1210.1	894.1	580.0	2099	1166.1	894.1	575.9
2100	1166.1	852.9	580.0	2101	1254.1	811.7	575.9	2102	1210.1	811.7	580.0
2103	1166.1	811.7	575.9	2104	1298.1	852.9	580.0	2105	1298.1	894.1	575.9
2106	1210.1	935.3	580.0	2107	1254.1	935.3	575.9	2108	1122.1	852.9	580.0
2109	1122.1	894.1	575.9	2110	1210.1	770.5	580.0	2111	1254.1	770.5	575.9
2112	1122.1	811.7	575.9	2113	1166.1	770.5	575.9	2114	1298.1	811.7	575.9
2115	1166.1	935.3	575.9	2116	1342.1	852.9	580.0	2117	1342.1	894.1	575.9
2118	1210.1	976.5	580.0	2119	1254.1	976.5	575.9	2120	1078.1	852.9	580.0
2121	1078.1	894.1	575.9	2122	1210.1	729.3	580.0	2123	1254.1	729.3	575.9
2124	1078.1	811.7	575.9	2125	1166.1	729.3	575.9	2126	1342.1	811.7	575.9
2127	1166.1	976.5	575.9	2128	1386.1	852.9	580.0	2129	1386.1	894.1	575.9
2130	1210.1	1017.7	580.0	2131	1254.1	1017.7	575.9	2132	1034.1	852.9	580.0
2133	1034.1	894.1	575.9	2134	1210.1	688.1	580.0	2135	1254.1	688.1	575.9
2136	1034.1	811.7	575.9	2137	1166.1	688.1	575.9	2138	1386.1	811.7	575.9
2139	1166.1	1017.7	575.9	2140	2721.2	1510.0	553.4	2141	2720.3	1436.1	573.4
2142	1210.1	1058.9	580.0	2143	1254.1	1058.9	575.9	2144	993.9	853.1	580.0
2145	996.4	882.9	574.2	2146	1215.3	614.6	580.0	2147	1258.2	621.5	575.9
2148	991.1	820.6	581.1	2149	1172.4	607.8	575.9	2150	2719.3	1356.8	580.2
2151	1166.1	1058.9	575.9	2152	1298.1	935.3	563.2	2153	1122.1	935.3	563.2
2154	1298.1	770.5	563.2	2155	1122.1	770.5	563.2	2156	1342.1	935.3	563.2
2157	1298.1	976.5	563.2	2158	1078.1	935.3	563.2	2159	1298.1	729.3	563.2
2160	1078.1	770.5	563.2	2161	1122.1	729.3	563.2	2162	1342.1	770.5	563.2
2163	1122.1	976.5	563.2	2164	1386.1	935.3	563.2	2165	1298.1	1017.7	563.2
2166	1034.1	935.3	563.2	2167	1298.1	688.1	563.2	2168	1034.1	770.5	563.2
2169	1122.1	688.1	563.2	2170	1386.1	770.5	563.2	2171	1122.1	1017.7	563.2
2172	2765.6	1277.0	573.2	2173	1298.1	1058.9	563.2	2174	1001.4	941.0	554.1
2175	1301.1	628.3	563.2	2176	985.8	758.2	574.2	2177	1129.5	600.9	563.2
2178	2764.6	1203.2	553.2	2179	1122.1	1058.9	563.2	2180	1342.1	976.5	539.7
2181	1078.1	976.5	539.7	2182	1342.1	729.3	539.7	2183	1078.1	729.3	539.7
2184	1386.1	976.5	539.7	2185	1342.1	1017.7	539.7	2186	1034.1	976.5	539.7
2187	1342.1	688.1	539.7	2188	1034.1	729.3	539.7	2189	1078.1	688.1	539.7
2190	1386.1	729.3	539.7	2191	1078.1	1017.7	539.7	2192	2763.8	1139.8	521.4
2193	1342.1	1058.9	539.7	2194	1005.6	990.9	522.2	2195	1344.0	635.2	539.7
2196	983.5	730.4	539.7	2197	1086.6	594.1	539.7	2198	2763.2	1091.2	480.0
2199	1078.1	1058.9	539.7	2200	1386.1	1017.7	499.4	2201	1034.1	1017.7	499.4
2202	1386.1	688.1	499.4	2203	1034.1	688.1	499.4	2204	2762.8	1060.7	431.8
2205	1386.1	1058.9	499.4	2206	1008.9	1029.2	480.5	2207	1386.9	642.0	499.4
2208	980.0	689.5	499.4	2209	1043.6	587.2	499.4	2210	2675.7	1653.6	431.9
2211	1034.1	1058.9	499.4	2212	3003.1	1353.2	578.8	2214	3049.4	1274.0	571.8
2215	2337.3	1670.9	190.0	2216	3048.5	1200.7	552.0	2217	3047.7	1137.8	520.4
2218	855.9	885.7	574.0	2219	856.3	944.1	553.9	2220	3047.1	1089.5	479.3
2221	856.6	994.3	522.0	2222	3046.7	1059.2	431.4	2223	856.9	1032.8	480.4
2224	1469.8	1056.7	95.0	2225	857.1	1057.0	432.0	2226	503.3	654.9	521.5
2228	2337.3	1670.9	285.0	2229	503.7	704.8	553.3	2230	504.1	763.1	573.3
2231	504.5	825.5	580.1	2232	388.0	888.8	573.0	2233	388.5	946.9	553.1
2234	388.8	996.8	521.3	2235	389.1	1035.1	479.9	2236	389.3	1059.2	431.7
2237	1469.8	1056.7	190.0	2238	155.4	1060.4	431.6	2239	1469.8	1056.7	285.0
2240	67.1	996.8	520.8	2241	69.6	1034.8	479.6	2242	71.3	1058.7	431.5
2243	486.1	582.1	190.0	2244	44.3	658.4	520.8	2245	47.7	708.0	552.5

2246	51.5	765.7	572.4	2247	55.7	827.6	579.1	2248	2384.6	1669.9	95.0
2249	358.2	582.7	379.9	2250	385.9	593.5	431.7	2251	838.5	580.3	380.0
2252	3148.7	1644.1	431.3	2253	853.7	589.0	432.0	2254	478.3	582.1	379.9
2255	853.9	613.2	480.4	2256	502.9	592.4	431.8	2257	854.2	651.7	522.0
2258	503.0	616.5	480.0	2259	854.5	701.9	553.9	2260	3148.3	1613.9	479.1
2261	855.0	760.3	574.0	2262	3147.7	1565.7	520.1	2263	855.4	823.0	580.8
2264	2770.4	1662.2	380.0	2265	738.9	886.5	573.7	2266	739.3	944.8	553.7
2267	739.7	994.9	521.8	2268	740.0	1033.4	480.3	2269	740.1	1057.5	431.9
2270	1969.8	422.8	480.0	2271	386.1	617.6	479.9	2272	386.4	655.9	521.3
2273	386.7	705.8	553.1	2274	387.1	764.0	573.0	2275	387.6	826.4	579.9
2276	271.1	889.5	572.8	2277	271.5	947.6	552.9	2278	271.9	997.5	521.1
2279	272.1	1035.7	479.8	2280	272.3	1059.8	431.7	2281	1424.0	1056.9	95.0
2282	718.4	580.9	380.0	2283	736.8	590.1	431.9	2284	736.9	614.3	480.3
2285	737.2	652.8	521.8	2286	737.6	702.9	553.7	2287	738.0	761.2	573.7
2288	738.5	823.8	580.6	2289	621.9	887.2	573.5	2290	622.4	945.5	553.5
2291	622.7	995.6	521.7	2292	623.0	1034.0	480.2	2293	623.2	1058.1	431.9
2295	40.1	596.5	431.5	2296	41.8	620.4	479.6	2297	118.1	583.9	379.8
2298	152.0	595.7	431.6	2299	152.2	619.8	479.7	2300	152.5	658.0	521.0
2301	152.8	707.8	552.7	2302	153.2	765.8	572.6	2303	153.7	828.1	579.4
2304	59.9	889.5	572.4	2305	63.8	947.2	552.5	2306	598.3	581.5	379.9
2307	619.8	591.3	431.9	2308	620.0	615.4	480.2	2309	620.3	653.8	521.7
2310	620.6	703.9	553.5	2311	621.0	762.1	573.5	2312	621.5	824.7	580.3
2313	505.0	888.0	573.3	2314	505.4	946.2	553.3	2315	505.8	996.2	521.5
2316	506.0	1034.5	480.0	2317	506.2	1058.7	431.8	2318	1424.0	1056.9	190.0
2319	238.1	583.3	379.8	2320	269.0	594.6	431.7	2321	269.1	618.7	479.8
2322	269.4	656.9	521.1	2323	269.8	706.8	552.9	2324	270.2	764.9	572.8
2325	270.6	827.2	579.6	2326	154.1	890.3	572.6	2327	154.5	948.3	552.7
2328	154.9	998.1	521.0	2329	155.2	1036.3	479.7	2330	1023.2	1295.6	576.6
2331	1072.1	1294.9	576.4	2332	1071.1	1217.9	556.1	2333	1019.4	1218.7	556.3
2334	1070.3	1151.8	523.8	2335	1016.1	1152.7	523.9	2336	1069.6	1101.1	481.7
2337	1013.6	1102.0	481.8	2338	1069.2	1069.2	432.6	2339	1012.0	1070.2	432.7
2340	1069.1	1058.3	380.0	2341	2770.3	1651.7	431.8	2342	1707.8	1641.6	480.1
2343	1707.1	1591.7	521.6	2344	1706.3	1526.6	553.4	2345	1705.4	1450.9	573.4
2346	1704.4	1369.5	580.2	2347	1745.4	1287.8	573.2	2348	1744.5	1212.1	553.2
2349	1743.7	1147.1	521.4	2350	1743.0	1097.2	480.0	2351	1742.6	1065.9	431.8
2352	1742.5	1055.2	380.0	2353	2206.0	1094.5	478.8	2354	2205.6	1063.6	431.2
2355	2205.5	1053.0	380.0	2356	2044.9	1676.9	380.0	2357	2044.8	1666.3	431.4
2358	2044.4	1635.2	479.3	2359	2043.8	1585.6	520.4	2360	2043.0	1521.1	551.9
2361	2042.0	1446.0	571.8	2362	2041.0	1365.3	578.5	2363	2082.1	1284.3	571.6
2365	2384.6	1669.9	190.0	2366	1077.0	1685.7	432.6	2367	1042.7	1686.1	432.7
2368	1076.6	1653.8	481.7	2369	1041.1	1654.3	481.8	2370	1075.9	1603.1	523.8
2371	1038.5	1603.6	523.9	2372	1075.1	1537.0	556.1	2373	1035.3	1537.6	556.3
2374	1074.1	1460.0	576.4	2375	1031.4	1460.7	576.6	2376	1073.1	1377.5	583.3
2377	1027.3	1378.2	583.6	2378	1114.2	1294.4	576.2	2379	1113.2	1217.5	555.9
2380	1112.4	1151.5	523.6	2381	1111.7	1100.9	481.6	2382	1111.3	1069.0	432.6
2383	1111.2	1058.1	380.0	2384	1750.4	1682.9	380.0	2385	1750.2	1672.2	431.8
2386	1749.8	1640.8	480.0	2387	1749.2	1591.0	521.4	2388	1748.4	1525.9	553.2
2389	1747.5	1450.3	573.2	2390	1746.4	1369.0	580.0	2391	1787.5	1287.3	573.0
2392	1786.6	1211.7	553.0	2393	1785.7	1146.8	521.3	2394	1785.1	1097.0	479.9
2395	2384.6	1669.9	285.0	2396	1119.0	1684.8	432.6	2397	1118.6	1653.0	481.6
2398	1118.0	1602.3	523.6	2399	1117.2	1536.3	555.9	2400	1116.2	1459.4	576.2
2401	1115.2	1376.9	583.1	2402	1156.2	1294.0	576.0	2403	1155.3	1217.2	555.7
2404	1154.5	1151.2	523.5	2405	1153.8	1100.6	481.5	2406	1153.4	1068.8	432.5
2407	1153.3	1057.9	380.0	2408	1784.7	1065.6	431.7	2409	1784.6	1055.0	380.0
2410	2081.2	1209.2	551.8	2411	2080.3	1144.7	520.2	2412	2079.7	1095.3	479.2
2413	2079.3	1064.2	431.3	2414	2079.2	1053.6	380.0	2415	2290.0	1661.2	432.4
2416	2290.0	1630.3	478.6	2417	2255.3	1672.6	380.0	2418	2255.2	1662.1	431.1
2419	486.1	582.1	285.0	2420	1161.1	1684.0	432.5	2421	1160.7	1652.2	481.5
2422	1160.1	1601.6	523.5	2423	1159.3	1535.6	555.7	2424	1158.3	1458.8	576.0
2425	1157.3	1376.4	582.9	2426	1198.3	1293.5	575.8	2427	1197.4	1216.8	555.6
2428	1196.5	1150.9	523.3	2429	1195.9	1100.4	481.4	2430	1195.5	1068.6	432.5
2431	1195.4	1057.7	380.0	2432	2254.8	1631.1	478.7	2433	2254.2	1581.8	519.6
2434	1791.3	1681.9	380.0	2435	1792.3	1671.3	431.7	2436	1791.9	1640.0	479.9
2437	1791.3	1590.2	521.3	2438	1790.5	1525.3	553.0	2439	1789.5	1449.6	573.0
2440	1788.5	1368.5	579.8	2441	1829.6	1286.9	572.8	2442	1828.6	1211.4	552.8
2443	2432.0	1668.9	95.0	2444	1203.2	1683.2	432.5	2445	1202.8	1651.4	481.4
2446	1202.2	1600.8	523.3	2447	1201.3	1534.9	555.6	2448	1200.4	1458.2	575.8
2449	1199.4	1375.9	582.7	2450	1240.4	1293.1	575.6	2451	1239.4	1216.4	555.4
2452	1238.6	1150.6	523.2	2453	1238.0	1100.1	481.3	2454	1237.6	1068.4	432.4
2455	1237.5	1057.5	380.0	2456	1827.8	1146.5	521.1	2457	1827.2	1096.7	479.8
2458	1826.8	1065.4	431.7	2459	1826.7	1054.8	380.0	2460	2253.4	1517.7	551.0
2461	2252.4	1442.9	570.8	2462	2251.4	1362.7	577.5	2463	2289.8	1282.0	570.6
2464	2289.7	1207.4	550.9	2465	2087.0	1676.0	380.0	2466	2086.9	1665.4	431.3
2468	1245.3	1682.3	432.4	2469	1244.9	1650.6	481.3	2470	1244.3	1600.1	523.2
2471	1243.4	1534.2	555.4	2472	1242.5	1457.6	575.6	2473	1241.4	1375.3	582.5
2474	1282.5	1292.6	575.4	2475	1281.5	1216.1	555.2	2476	1280.7	1150.3	523.0
2477	1280.1	1099.9	481.2	2478	1279.7	1068.2	432.4	2479	1279.5	1057.3	380.0

2480	2086.5	1634.3	479.2	2481	2085.9	1584.9	520.2	2482	2085.0	1520.4	551.8
2483	2084.1	1445.4	571.6	2484	1834.5	1681.2	380.0	2485	1834.4	1670.5	431.7
2486	1834.0	1639.2	479.8	2487	1833.4	1589.4	521.1	2488	1832.6	1524.6	552.8
2489	1831.6	1449.0	572.8	2490	1830.6	1368.0	579.6	2491	2432.0	1668.9	190.0
2492	1287.4	1681.5	432.4	2493	1287.0	1649.8	481.2	2494	1286.3	1599.3	523.0
2495	1285.5	1533.5	555.2	2496	1284.6	1457.0	575.4	2497	1283.5	1374.8	582.3
2498	1324.6	1292.2	575.2	2499	1323.6	1215.7	555.0	2500	1322.8	1150.0	522.9
2501	1322.2	1099.6	481.0	2502	1321.8	1068.0	432.3	2503	1321.6	1057.2	380.0
2504	1871.7	1286.5	572.6	2505	1870.7	1211.0	552.7	2506	1869.9	1146.2	521.0
2507	1869.3	1096.5	479.7	2508	1868.9	1065.2	431.6	2509	1424.0	1056.9	285.0
2510	2083.1	1364.8	578.3	2511	2124.2	1283.8	571.4	2512	2123.2	1208.8	551.6
2513	2122.4	1144.4	520.1	2514	2121.8	1095.0	479.1	2515	2432.0	1668.9	285.0
2516	1329.4	1680.6	432.3	2517	1329.0	1648.9	481.0	2518	1328.4	1598.5	522.9
2519	1327.6	1532.9	555.0	2520	1326.6	1456.4	575.2	2521	1325.6	1374.3	582.1
2522	1366.7	1291.8	575.0	2523	1365.7	1215.4	554.8	2524	1364.9	1149.7	522.8
2525	1364.3	1099.4	480.9	2526	1363.9	1067.7	432.3	2527	1363.7	1057.0	380.0
2528	2121.4	1064.0	431.3	2529	2121.3	1053.4	380.0	2530	2213.2	1673.5	380.0
2531	2213.1	1662.9	431.2	2532	2212.7	1631.9	478.8	2533	2212.1	1582.6	519.8
2534	1876.6	1680.3	380.0	2535	1876.5	1669.7	431.6	2536	1876.1	1638.4	479.7
2537	1875.5	1588.7	521.0	2538	1874.6	1523.9	552.7	2540	1371.5	1679.8	432.3
2541	1371.1	1648.1	480.9	2542	1370.5	1597.8	522.8	2543	1369.7	1532.2	554.8
2544	1368.7	1455.8	575.0	2545	1367.7	1373.8	581.9	2546	1408.7	1291.3	574.8
2547	1407.8	1215.0	554.7	2548	1407.0	1149.4	522.6	2549	1406.3	1099.2	480.8
2550	1405.9	1067.5	432.2	2551	1405.8	1056.8	380.0	2552	1873.7	1448.4	572.6
2553	1872.7	1367.4	579.4	2554	1913.8	1286.0	572.4	2555	1912.8	1210.6	552.5
2556	1912.0	1145.9	520.8	2557	1911.4	1096.2	479.6	2558	1911.0	1065.0	431.5
2559	1910.9	1054.4	380.0	2560	2211.3	1518.3	551.2	2561	2210.4	1443.5	571.0
2562	2209.3	1363.2	577.7	2563	2479.3	1668.0	95.0	2564	1413.6	1678.9	432.2
2565	1413.2	1647.3	480.8	2566	1412.6	1597.0	522.6	2567	1411.8	1531.5	554.7
2568	1410.8	1455.1	574.8	2569	1409.8	1373.2	581.7	2570	1450.8	1290.9	574.6
2571	1449.9	1214.6	554.5	2572	1449.1	1149.2	522.5	2573	1448.4	1098.9	480.7
2574	1448.0	1067.3	432.1	2575	1506.7	1056.5	190.0	2576	2250.4	1282.5	570.8
2577	2249.5	1207.7	551.0	2578	2248.7	1143.6	519.6	2579	2248.1	1094.3	478.7
2580	2129.1	1675.2	380.0	2581	2128.9	1664.6	431.3	2582	2128.6	1633.5	479.1
2583	2127.9	1584.1	520.1	2584	1918.7	1679.5	380.0	2585	1918.5	1668.8	431.5
2586	1918.2	1637.6	479.6	2588	1455.7	1678.1	432.1	2589	1455.3	1646.5	480.7
2590	1454.7	1596.3	522.5	2591	1453.8	1530.8	554.5	2592	1452.9	1454.5	574.6
2593	1451.9	1372.7	581.5	2594	1492.9	1290.4	574.4	2595	1492.0	1214.3	554.3
2596	1491.1	1148.9	522.3	2597	1490.5	1098.7	480.6	2598	1490.1	1067.1	432.1
2599	1490.0	1056.4	380.0	2600	1917.5	1587.9	520.8	2601	1916.7	1523.2	552.5
2602	1915.8	1447.8	572.4	2603	1914.8	1366.9	579.2	2604	1955.8	1285.6	572.2
2605	1954.9	1210.3	552.3	2606	1954.1	1145.6	520.7	2607	1953.5	1096.0	479.5
2608	1953.1	1064.8	431.5	2609	1952.9	1054.2	380.0	2610	2127.1	1519.7	551.6
2611	2479.3	1668.0	190.0	2612	1497.8	1677.2	432.1	2613	1497.4	1645.7	480.6
2614	1496.7	1595.5	522.3	2615	1495.9	1530.1	554.3	2616	1495.0	1453.9	574.4
2617	1493.9	1372.2	581.3	2618	1535.0	1290.0	574.2	2619	1534.0	1213.9	554.1
2620	1533.2	1148.6	522.2	2621	1532.6	1098.4	480.5	2622	1532.2	1066.9	432.0
2623	1532.1	1056.2	380.0	2624	2126.2	1444.7	571.4	2625	2125.2	1364.3	578.1
2626	2166.3	1283.4	571.2	2627	2165.3	1208.5	551.4	2628	2164.5	1144.1	519.9
2629	2163.9	1094.8	479.0	2630	2163.5	1063.8	431.2	2631	2163.4	1053.2	380.0
2632	2247.7	1063.3	431.1	2633	2247.6	1052.8	380.0	2634	1960.8	1678.6	380.0
2635	1540.0	1687.2	380.0	2636	1539.8	1676.4	432.0	2637	1539.4	1644.9	480.5
2638	1538.8	1594.7	522.2	2639	1538.0	1529.4	554.1	2640	1537.0	1453.3	574.2
2641	1536.0	1371.7	581.0	2642	1577.1	1289.6	574.0	2643	1576.1	1213.5	553.9
2644	1575.3	1148.3	522.0	2645	1574.7	1098.2	480.4	2646	1574.3	1066.7	432.0
2647	1574.2	1056.0	380.0	2648	1960.6	1668.0	431.5	2649	1960.2	1636.8	479.5
2650	1959.6	1587.2	520.7	2651	1958.8	1522.5	552.3	2652	1957.9	1447.2	572.2
2653	1956.8	1366.4	579.0	2654	1997.9	1285.1	572.0	2655	1997.0	1209.9	552.1
2656	1996.2	1145.3	520.5	2657	1995.6	1095.8	479.4	2658	1995.2	1064.6	431.4
2659	1582.0	1686.3	380.0	2660	1581.9	1675.6	432.0	2661	1581.5	1644.1	480.4
2662	1580.9	1594.0	522.0	2663	1580.1	1528.7	553.9	2664	1579.1	1452.7	574.0
2665	1578.1	1371.1	580.8	2666	1619.2	1289.1	573.8	2667	1618.2	1213.2	553.7
2668	1617.4	1148.0	521.9	2669	1616.8	1097.9	480.3	2670	1616.4	1066.5	431.9
2671	1616.2	1055.8	380.0	2672	1995.0	1054.0	380.0	2673	2289.7	1143.3	519.5
2674	2289.7	1094.1	478.6	2675	2289.6	1063.1	431.1	2676	2769.9	1621.2	480.0
2677	2289.9	1581.1	519.5	2678	2289.9	1517.0	550.9	2679	2289.9	1442.3	575.5
2680	2289.8	1362.2	577.3	2681	2479.3	1668.0	285.0	2682	2171.2	1674.3	380.0
2683	1624.1	1685.4	380.0	2684	1624.0	1674.7	431.9	2685	1623.6	1643.3	480.3
2686	1623.0	1593.2	521.9	2687	1622.2	1528.0	553.7	2688	1621.2	1452.1	573.8
2689	1620.2	1370.6	580.6	2690	1661.2	1288.7	573.6	2691	1660.3	1212.8	553.6
2692	1659.5	1147.7	521.7	2693	1658.9	1097.7	480.2	2694	1658.5	1066.3	431.9
2695	1658.3	1055.6	380.0	2696	2171.0	1663.7	431.2	2697	2002.8	1677.7	380.0
2698	2002.7	1667.1	431.4	2699	2002.3	1636.0	479.4	2700	2001.7	1586.4	520.5
2701	2000.9	1521.8	552.1	2702	1999.9	1446.6	572.0	2703	1998.9	1365.9	578.7
2704	2040.0	1284.7	571.8	2705	2039.1	1209.6	551.9	2706	2038.3	1145.0	520.4
2707	1666.2	1684.6	380.0	2708	1666.1	1673.9	431.9	2709	1665.7	1642.5	480.2
2710	1665.1	1592.5	521.7	2711	1664.2	1527.3	553.6	2712	1663.3	1451.5	573.6

2713	1662.3	1370.1	580.4	2714	1703.3	1288.2	573.4	2715	1702.4	1212.5	553.4
2716	1701.6	1147.4	521.6	2717	1700.9	1097.5	480.1	2718	1700.6	1066.1	431.8
2719	1700.4	1055.4	380.0	2720	2037.6	1095.5	479.3	2721	2037.2	1064.4	431.4
2722	2037.1	1053.8	380.0	2723	2170.6	1632.7	479.0	2724	2170.0	1583.4	519.9
2725	2169.2	1519.0	551.4	2726	2168.3	1444.1	571.2	2727	2167.3	1363.8	577.9
2728	2208.3	1282.9	571.0	2729	2207.4	1208.1	551.2	2730	2206.6	1143.8	519.8
2731	1708.3	1683.7	380.0	2732	1708.2	1673.0	431.8	2733	2769.3	1572.5	521.4
2734	2339.8	1281.5	575.2	2735	2338.9	1207.0	555.1	2736	2768.5	1509.2	553.2
2737	2338.1	1142.9	522.9	2738	2767.6	1435.4	573.2	2739	2337.5	1093.8	481.1
2740	2766.6	1356.2	580.0	2741	2337.1	1062.9	432.3	2742	2812.9	1276.5	573.0
2743	1378.1	1057.1	95.0	2744	2811.9	1202.8	553.0	2745	3191.3	1272.5	571.1
2746	3190.4	1199.5	551.4	2747	3189.6	1136.8	519.9	2748	3189.0	1088.7	478.9
2749	572.0	581.6	95.0	2750	3054.1	1646.0	431.4	2751	3053.7	1615.7	479.3
2752	3053.1	1567.4	520.4	2753	2817.7	1661.2	380.0	2754	2817.6	1650.8	431.7
2755	2817.2	1620.3	479.9	2756	2816.6	1571.7	521.3	2757	2815.8	1508.4	553.0
2758	2814.9	1434.7	573.0	2759	2813.9	1355.6	579.8	2760	2860.2	1276.0	572.7
2761	2859.2	1202.4	552.8	2762	2858.4	1139.2	521.1	2763	2857.8	1090.7	479.8
2764	2857.4	1060.2	431.6	2766	3052.3	1504.5	552.0	2767	2344.8	1670.8	380.0
2768	2811.1	1139.5	521.3	2769	2344.6	1660.3	432.3	2770	2810.5	1090.9	479.9
2771	2344.2	1629.4	481.1	2772	2810.1	1060.4	431.7	2773	2343.6	1580.2	522.9
2774	1378.1	1057.1	190.0	2775	2342.8	1516.2	555.1	2776	3146.9	1502.9	551.6
2777	2341.9	1441.6	575.2	2778	3146.0	1429.8	571.4	2779	2340.9	1361.6	582.1
2780	3145.0	1351.4	578.1	2781	2387.1	1281.0	575.0	2782	2386.2	1206.5	554.8
2783	2385.4	1142.6	522.8	2784	2384.8	1093.5	480.9	2785	2384.4	1062.6	432.3
2786	1378.1	1057.1	285.0	2787	3051.4	1431.2	571.8	2788	3050.4	1352.6	578.6
2789	3096.7	1273.5	571.6	2790	3095.8	1200.3	551.8	2791	3095.0	1137.5	520.2
2792	3094.4	1089.2	479.2	2793	3094.0	1058.9	431.3	2794	3093.8	1048.6	380.0
2795	3188.6	1058.4	431.2	2796	3188.5	1048.1	380.0	2797	2526.6	1667.0	95.0
2798	2392.1	1669.8	380.0	2799	2391.9	1659.3	432.3	2800	2391.5	1628.5	480.9
2801	2390.9	1579.4	522.8	2802	2390.1	1515.4	554.8	2803	2389.2	1440.9	575.0
2804	2388.2	1361.0	581.9	2805	2434.4	1280.5	574.8	2806	2433.5	1206.1	554.6
2807	2432.7	1142.2	522.6	2808	2432.1	1093.2	480.8	2809	2431.7	1062.4	432.2
2810	2008.3	422.7	480.0	2811	2864.9	1649.8	431.6	2812	2864.5	1619.3	479.8
2813	2863.9	1570.8	521.1	2814	2863.1	1507.6	552.8	2815	2862.2	1434.0	572.7
2816	2861.2	1355.0	579.5	2817	2907.5	1275.5	572.5	2818	2906.5	1202.0	552.6
2819	2905.8	1138.8	520.9	2820	2905.1	1090.4	479.6	2821	2904.8	1059.9	431.6
2822	2439.4	1668.9	380.0	2823	2439.2	1658.4	432.2	2824	2438.8	1627.5	480.8
2825	2438.2	1578.5	522.6	2826	2437.4	1514.6	554.6	2827	2436.5	1440.2	574.8
2828	2435.5	1360.4	581.7	2829	2481.7	1280.0	574.6	2830	2480.8	1205.7	554.4
2831	2480.0	1141.9	522.4	2832	2479.4	1092.9	480.7	2833	2479.0	1062.1	432.1
2834	1103.1	1058.5	285.0	2835	1332.3	1057.3	95.0	2836	3233.8	1136.5	519.7
2837	3233.3	1088.4	478.8	2839	2675.3	1623.0	480.2	2840	3237.9	1564.0	519.7
2841	3237.3	1501.4	551.2	2842	3236.6	1428.5	570.9	2843	3235.8	1350.3	577.6
2844	2526.6	1667.0	190.0	2845	2526.6	1667.0	285.0	2846	2486.7	1667.9	380.0
2847	2486.5	1657.4	432.1	2848	2486.1	1626.6	480.7	2849	2485.5	1577.7	522.4
2850	2484.7	1513.8	554.4	2851	2483.8	1439.5	574.6	2852	2482.8	1359.8	581.4
2853	2529.1	1279.5	574.3	2854	2528.1	1205.3	554.2	2855	2527.3	1141.6	522.3
2856	2526.7	1092.6	480.6	2857	2526.3	1061.9	432.1	2859	3101.4	1645.1	431.3
2861	2912.2	1648.9	431.6	2862	2911.8	1618.4	479.6	2863	2911.2	1570.0	520.9
2864	2910.4	1506.8	552.6	2865	2909.5	1433.3	572.5	2866	2908.5	1354.4	579.3
2867	2954.8	1275.0	572.3	2868	2953.9	1201.5	552.4	2869	2953.1	1138.5	520.7
2870	2533.9	1667.0	380.0	2871	2533.8	1656.5	432.1	2872	2533.4	1625.7	480.6
2873	2532.8	1576.8	522.3	2874	2532.0	1513.1	554.2	2875	2531.1	1438.8	574.3
2876	2530.1	1359.2	581.2	2877	2576.4	1279.0	574.1	2878	2575.4	1204.9	554.0
2879	2574.6	1141.2	522.1	2880	2574.0	1092.4	480.5	2881	2573.6	1061.6	432.0
2882	1332.3	1057.3	190.0	2883	2952.4	1090.1	479.5	2884	2952.1	1059.7	431.5
2885	1332.3	1057.3	285.0	2886	3101.0	1614.8	479.2	2887	3100.4	1566.6	520.2
2888	3099.6	1503.7	551.8	2889	3098.7	1430.5	571.6	2890	3097.7	1352.0	578.3
2891	3144.0	1273.0	571.4	2892	3143.1	1199.9	551.6	2893	3142.3	1137.1	520.1
2894	2581.2	1666.0	380.0	2895	2581.1	1655.5	432.0	2896	2580.7	1624.8	480.5
2897	2580.1	1576.0	522.1	2898	2579.3	1512.3	554.0	2899	2578.4	1438.1	574.1
2900	2577.4	1358.6	580.9	2901	2623.7	1278.5	573.9	2902	2622.7	1204.5	553.8
2903	2621.9	1140.9	521.9	2904	2621.3	1092.1	480.4	2905	2620.9	1061.4	431.9
2906	2046.9	422.5	480.0	2907	3141.7	1089.0	479.1	2908	3141.3	1058.7	431.3
2909	3141.2	1048.3	380.0	2910	2573.9	1666.1	95.0	2911	2959.5	1647.9	431.5
2912	2959.1	1617.5	479.5	2913	2958.5	1569.1	520.7	2914	2957.7	1506.1	552.4
2915	2956.8	1432.6	572.3	2916	2955.8	1353.8	579.1	2917	3002.1	1274.5	572.0
2918	2628.5	1665.0	380.0	2919	2628.4	1654.6	431.9	2920	2628.0	1623.9	480.4
2921	2627.4	1575.1	521.9	2922	2626.6	1511.5	553.8	2923	2625.7	1437.5	573.9
2924	2624.7	1358.0	580.7	2925	2671.0	1278.0	573.6	2926	2670.0	1204.0	553.6
2927	2669.2	1140.5	521.8	2928	2668.6	1091.8	480.2	2929	2668.2	1061.2	431.9
2930	1286.5	1057.6	95.0	2931	3001.2	1201.1	552.2	2932	3000.4	1138.1	520.6
2933	2999.8	1089.8	479.4	2934	2999.4	1059.4	431.5	2936	3459.9	1051.9	580.0
2937	3238.4	1612.1	478.8	2939	3196.0	1643.2	431.2	2940	3195.6	1613.0	478.9
2941	3531.9	-473.9	572.9	2942	3486.3	-527.9	580.0	2943	3531.9	-527.9	580.0
2944	3486.3	-473.9	580.0	2945	3440.7	-473.9	572.9	2946	3440.7	-527.9	580.0
2947	3531.9	-581.9	572.9	2948	3486.3	-581.9	580.0	2949	3440.7	-581.9	572.9

2950	3577.5	-527.9	580.0	2951	3577.5	-473.9	572.9	2952	3486.3	-419.8	580.0
2953	3531.9	-419.8	572.9	2954	3395.1	-527.9	580.0	2955	3395.1	-473.9	572.9
2956	3486.3	-636.0	580.0	2957	3531.9	-636.0	572.9	2958	3395.1	-581.9	572.9
2959	3440.7	-636.0	572.9	2960	3577.5	-581.9	572.9	2961	3440.7	-419.8	572.9
2962	3623.0	-527.9	580.0	2963	3623.0	-473.9	572.9	2964	3486.3	-365.8	580.0
2965	3531.9	-365.8	572.9	2966	3349.6	-527.9	580.0	2967	3349.6	-473.9	572.9
2968	3486.3	-690.0	580.0	2969	3531.9	-690.0	572.9	2970	3349.6	-581.9	572.9
2971	3440.7	-690.0	572.9	2972	3623.0	-581.9	572.9	2973	3440.7	-365.8	572.9
2974	3668.6	-527.9	580.0	2975	3668.6	-473.9	572.9	2976	3486.3	-311.7	580.0
2977	3531.9	-311.7	572.9	2978	3304.0	-527.9	580.0	2979	3304.0	-473.9	572.9
2980	3486.3	-744.1	580.0	2981	3531.9	-744.1	572.9	2982	3304.0	-581.9	572.9
2983	3440.7	-744.1	572.9	2984	3668.6	-581.9	572.9	2985	3440.7	-311.7	572.9
2986	3709.4	-528.0	580.0	2987	3708.5	-474.0	572.9	2988	3486.3	-258.5	580.0
2989	3531.9	-257.7	572.9	2990	3253.2	-528.0	580.0	2991	3252.2	-474.0	572.9
2992	3486.3	-800.6	580.0	2993	3531.9	-800.1	572.9	2994	3254.3	-582.0	572.9
2995	3440.8	-801.1	572.9	2996	3710.4	-582.0	572.9	2997	3440.8	-259.3	572.9
2998	3577.5	-419.8	551.3	2999	3395.1	-419.8	551.3	3000	3577.5	-636.0	551.3
3001	3395.1	-636.0	551.3	3002	3623.0	-419.8	551.3	3003	3577.5	-365.8	551.3
3004	3349.6	-419.8	551.3	3005	3577.5	-690.0	551.3	3006	3349.6	-636.0	551.3
3007	3395.1	-690.0	551.3	3008	3623.0	-636.0	551.3	3009	3395.1	-365.8	551.3
3010	3668.6	-419.8	551.3	3011	3577.5	-311.7	551.3	3012	3304.0	-419.8	551.3
3013	3577.5	-744.1	551.3	3014	3304.0	-636.0	551.3	3015	3395.1	-744.1	551.3
3016	3668.6	-636.0	551.3	3017	3395.1	-311.7	551.3	3018	3707.5	-419.9	551.3
3019	3577.4	-256.9	551.3	3020	3251.2	-420.0	551.3	3021	3577.5	-799.6	551.3
3022	3255.3	-636.0	551.3	3023	3395.2	-801.5	551.3	3024	3711.3	-636.0	551.3
3025	3395.2	-260.1	551.3	3026	3623.0	-365.8	513.9	3027	3349.6	-365.8	513.9
3028	3623.0	-690.0	513.9	3029	3349.6	-690.0	513.9	3030	3668.6	-365.8	513.9
3031	3623.0	-311.7	513.9	3032	3304.0	-365.8	513.9	3033	3623.0	-744.1	513.9
3034	3304.0	-690.0	513.9	3035	3349.6	-744.1	513.9	3036	3668.6	-690.0	513.9
3037	3349.6	-311.7	513.9	3038	3706.5	-365.9	513.9	3039	3623.0	-256.1	513.9
3040	3250.2	-365.9	513.9	3041	3623.1	-799.1	513.9	3042	3256.3	-690.1	513.9
3043	3349.6	-802.0	513.9	3044	3712.3	-690.1	513.9	3045	3349.6	-260.9	513.9
3046	3668.6	-311.7	458.4	3047	3304.0	-311.7	458.4	3048	3668.6	-744.1	458.4
3049	3304.0	-744.1	458.4	3050	3705.6	-311.9	458.4	3051	3668.6	-255.3	458.4
3052	3249.2	-311.9	458.4	3053	3668.6	-798.6	458.4	3054	3257.3	-744.1	458.4
3055	3304.0	-802.5	458.4	3056	3713.2	-744.1	458.4	3057	3304.1	-261.7	458.4
3058	3697.8	126.3	190.0	3059	2573.9	1666.1	190.0	3060	2573.9	1666.1	285.0
3061	572.0	581.6	190.0	3062	3518.4	-21.9	573.4	3063	3472.8	-59.9	580.0
3064	3518.4	-59.9	580.0	3065	3472.8	-21.9	580.0	3066	3427.1	-21.9	573.4
3067	3427.1	-59.9	580.0	3068	3518.4	-98.0	573.4	3069	3472.8	-98.0	580.0
3070	3427.1	-98.0	573.4	3071	3564.0	-59.9	580.0	3072	3564.0	-21.9	573.4
3073	3472.8	16.2	580.0	3074	3518.4	16.2	573.4	3075	3381.5	-59.9	580.0
3076	3381.5	-21.9	573.4	3077	3472.8	-136.0	580.0	3078	3518.4	-136.0	573.4
3079	3381.5	-98.0	573.4	3080	3427.1	-136.0	573.4	3081	3564.0	-98.0	573.4
3082	3427.1	16.2	573.4	3083	3609.7	-59.9	580.0	3084	3609.7	-21.9	573.4
3085	3472.8	54.2	580.0	3086	3518.4	54.2	573.4	3087	3335.8	-59.9	580.0
3088	3335.8	-21.9	573.4	3089	3472.8	-174.1	580.0	3090	3518.4	-174.1	573.4
3091	3335.8	-98.0	573.4	3092	3427.1	-174.1	573.4	3093	3609.7	-98.0	573.4
3094	3427.1	54.2	573.4	3095	3655.3	-59.9	580.0	3096	3655.3	-21.9	573.4
3097	3472.8	92.3	580.0	3098	3518.4	92.3	573.4	3099	3290.2	-59.9	580.0
3100	3290.2	-21.9	573.4	3101	3472.8	-212.1	580.0	3102	3518.4	-212.1	573.4
3103	3290.2	-98.0	573.4	3104	3427.1	-212.1	573.4	3105	3655.3	-98.0	573.4
3106	3427.1	92.3	573.4	3107	3701.1	-59.9	580.0	3108	3700.5	-21.9	573.4
3109	3472.9	122.1	580.0	3110	3518.5	123.0	573.4	3111	3244.4	-59.9	580.0
3112	3243.7	-21.9	573.4	3113	3655.4	125.5	462.3	3114	3241.5	92.2	462.3
3115	3245.1	-98.0	573.4	3116	3697.8	126.3	380.0	3117	3701.8	-98.0	573.4
3118	3427.3	121.2	573.4	3119	3564.0	16.2	553.0	3120	3381.5	16.2	553.0
3121	3564.0	-136.0	553.0	3122	3381.5	-136.0	553.0	3123	3609.7	16.2	553.0
3124	3564.0	54.2	553.0	3125	3335.8	16.2	553.0	3126	3564.0	-174.1	553.0
3127	3335.8	-136.0	553.0	3128	3381.5	-174.1	553.0	3129	3609.7	-136.0	553.0
3130	3381.5	54.2	553.0	3131	3655.3	16.2	553.0	3132	3564.0	92.3	553.0
3133	3290.2	16.2	553.0	3134	3564.0	-212.1	553.0	3135	3290.2	-136.0	553.0
3136	3381.5	-212.1	553.0	3137	3655.3	-136.0	553.0	3138	3381.5	92.3	553.0
3139	3699.8	16.1	553.0	3140	3564.2	123.8	553.0	3141	3243.0	16.1	553.0
3142	3247.3	-212.1	462.3	3143	3245.8	-136.0	553.0	3144	1017.3	1176.2	95.0
3145	3702.5	-136.0	553.0	3146	3381.7	120.4	553.0	3147	3609.7	54.2	517.2
3148	3335.8	54.2	517.2	3149	3609.7	-174.1	517.2	3150	3335.8	-174.1	517.2
3151	3655.3	54.2	517.2	3152	3609.7	92.3	517.2	3153	3290.2	54.2	517.2
3154	3609.7	-212.1	517.2	3155	3290.2	-174.1	517.2	3156	3335.8	-212.1	517.2
3157	3655.3	-174.1	517.2	3158	3335.8	92.3	517.2	3159	3699.1	54.2	517.2
3160	3609.8	124.7	517.2	3161	3242.2	54.2	517.2	3162	3703.8	-212.1	462.3
3163	3246.6	-174.1	517.2	3164	3290.4	118.7	462.3	3165	3703.2	-174.1	517.2
3166	3336.0	119.5	517.2	3167	3655.3	92.3	462.3	3168	3290.2	92.3	462.3
3169	3655.3	-212.1	462.3	3170	3290.2	-212.1	462.3	3171	3698.4	92.2	462.3
3172	3515.1	437.3	573.4	3173	3469.4	385.5	580.0	3174	3515.1	385.5	580.0
3175	3469.4	437.3	580.0	3176	3423.7	437.3	573.4	3177	3423.7	385.5	580.0
3178	3515.1	333.6	573.4	3179	3469.4	333.6	580.0	3180	3423.7	333.6	573.4

3181	3560.8	385.5	580.0	3182	3560.8	437.3	573.4	3183	3469.4	489.1	580.0
3184	3515.1	489.1	573.4	3185	3378.0	385.5	580.0	3186	3378.0	437.3	573.4
3187	3469.4	281.8	580.0	3188	3515.1	281.8	573.4	3189	3378.0	333.6	573.4
3190	3423.7	281.8	573.4	3191	3560.8	333.6	573.4	3192	3423.7	489.1	573.4
3193	3606.5	385.5	580.0	3194	3606.5	437.3	573.4	3195	3469.4	540.9	580.0
3196	3515.1	540.9	573.4	3197	3332.3	385.5	580.0	3198	3332.3	437.3	573.4
3199	3469.4	230.0	580.0	3200	3515.1	230.0	573.4	3201	3332.3	333.6	573.4
3202	3423.7	230.0	573.4	3203	3606.5	333.6	573.4	3204	3423.7	540.9	573.4
3205	3652.1	385.5	580.0	3206	3652.1	437.3	573.4	3207	3469.4	592.8	580.0
3208	3515.1	592.8	573.4	3209	3286.6	385.5	580.0	3210	3286.6	437.3	573.4
3211	3469.4	178.2	580.0	3212	3515.1	178.2	573.4	3213	3286.6	333.6	573.4
3214	3423.7	178.2	573.4	3215	3652.1	333.6	573.4	3216	3423.7	592.8	573.4
3217	3693.2	385.4	580.0	3218	3692.3	437.2	573.4	3219	3469.4	635.1	580.0
3220	3515.1	634.9	573.4	3221	3236.0	385.4	580.0	3222	3235.0	437.2	573.4
3223	3689.6	592.6	462.3	3224	3652.1	634.5	462.3	3225	3237.0	333.6	573.4
3226	3232.1	592.6	462.3	3227	3694.2	333.6	573.4	3228	3423.7	635.3	573.4
3229	3560.8	489.1	553.0	3230	3378.0	489.1	553.0	3231	3560.8	281.8	553.0
3232	3378.0	281.8	553.0	3233	3606.5	489.1	553.0	3234	3560.8	540.9	553.0
3235	3332.3	489.1	553.0	3236	3560.8	230.0	553.0	3237	3332.3	281.8	553.0
3238	3378.0	230.0	553.0	3239	3606.5	281.8	553.0	3240	3378.0	540.9	553.0
3241	3652.1	489.1	553.0	3242	3560.8	592.8	553.0	3243	3286.6	489.1	553.0
3244	3560.8	178.2	553.0	3245	3286.6	281.8	553.0	3246	3378.0	178.2	553.0
3247	3652.1	281.8	553.0	3248	3378.0	592.8	553.0	3249	3691.4	489.0	553.0
3250	3560.7	634.8	553.0	3251	3234.0	489.0	553.0	3252	3286.6	635.7	462.3
3253	3237.9	281.8	553.0	3254	3239.9	178.2	462.3	3255	3695.1	281.8	553.0
3256	3378.0	635.4	553.0	3257	3606.5	540.9	517.2	3258	3332.3	540.9	517.2
3259	3606.5	230.0	517.2	3260	3332.3	230.0	517.2	3261	3652.1	540.9	517.2
3262	3606.5	592.8	517.2	3263	3286.6	540.9	517.2	3264	3606.5	178.2	517.2
3265	3286.6	230.0	517.2	3266	3332.3	178.2	517.2	3267	3652.1	230.0	517.2
3268	3332.3	592.8	517.2	3269	3690.5	540.8	517.2	3270	3606.4	634.6	517.2
3271	3233.1	540.8	517.2	3272	2621.3	1665.1	95.0	3273	3238.9	230.0	517.2
3274	3696.9	178.2	462.3	3275	3696.0	230.0	517.2	3276	3332.3	635.6	517.2
3277	3652.1	592.8	462.3	3278	3286.6	592.8	462.3	3279	3652.1	178.2	462.3
3280	3286.6	178.2	462.3	3281	3505.8	881.6	573.4	3282	3460.0	840.4	580.0
3283	3505.8	840.4	580.0	3284	3460.0	881.6	580.0	3285	3414.3	881.6	573.4
3286	3414.3	840.4	580.0	3287	3505.8	799.2	573.4	3288	3460.0	799.2	580.0
3289	3414.3	799.2	573.4	3290	3551.6	840.4	580.0	3291	3551.6	881.6	573.4
3292	3460.0	922.8	580.0	3293	3505.8	922.8	573.4	3294	3368.5	840.4	580.0
3295	3368.5	881.6	573.4	3296	3460.0	758.0	580.0	3297	3505.8	758.0	573.4
3298	3368.5	799.2	573.4	3299	3414.3	758.0	573.4	3300	3551.6	799.2	573.4
3301	3414.3	922.8	573.4	3302	3597.3	840.4	580.0	3303	3597.3	881.6	573.4
3304	3460.0	964.0	580.0	3305	3505.8	964.0	573.4	3306	3322.8	840.4	580.0
3307	3322.8	881.6	573.4	3308	3460.0	716.8	580.0	3309	3505.8	716.8	573.4
3310	3322.8	799.2	573.4	3311	3414.3	716.8	573.4	3312	3597.3	799.2	573.4
3313	3414.3	964.0	573.4	3314	3643.1	840.4	580.0	3315	3643.1	881.6	573.4
3316	3460.0	1005.2	580.0	3317	3505.8	1005.2	573.4	3318	3277.0	840.4	580.0
3319	3277.0	881.6	573.4	3320	3460.0	675.6	580.0	3321	3505.8	675.6	573.4
3322	3277.0	799.2	573.4	3323	3414.3	675.6	573.4	3324	3643.1	799.2	573.4
3325	3414.3	1005.2	573.4	3326	3684.9	840.3	580.0	3327	3684.1	881.5	573.4
3328	3591.7	1237.3	552.7	3329	3505.7	1052.7	573.4	3330	3679.2	1176.7	516.7
3331	3367.7	1539.7	552.7	3332	3636.6	1479.2	552.7	3333	3546.9	1600.1	552.7
3334	3278.0	1479.2	552.7	3335	3546.9	1116.3	552.7	3336	3685.7	799.1	573.4
3337	3414.2	1051.1	573.4	3338	3551.6	922.8	553.0	3339	3368.5	922.8	553.0
3340	3551.6	758.0	553.0	3341	3368.5	758.0	553.0	3342	3597.3	922.8	553.0
3343	3551.6	964.0	553.0	3344	3322.8	922.8	553.0	3345	3551.6	716.8	553.0
3346	3322.8	758.0	553.0	3347	3368.5	716.8	553.0	3348	3597.3	758.0	553.0
3349	3368.5	964.0	553.0	3350	3643.1	922.8	553.0	3351	3551.6	1005.2	553.0
3352	3277.0	922.8	553.0	3353	3551.6	675.6	553.0	3354	3277.0	758.0	553.0
3355	3368.5	675.6	553.0	3356	3643.1	758.0	553.0	3357	3368.5	1005.2	553.0
3358	3683.3	922.7	553.0	3359	3551.4	1053.5	553.0	3360	3322.8	1650.9	516.7
3361	3278.0	1237.3	552.7	3362	3367.7	1116.3	552.7	3363	3636.6	1237.3	552.7
3364	3686.5	757.9	553.0	3365	3368.5	1050.3	553.0	3366	3597.3	964.0	517.2
3367	3322.8	964.0	517.2	3368	3597.3	716.8	517.2	3369	3322.8	716.8	517.2
3370	3643.1	964.0	517.2	3371	3597.3	1005.2	517.2	3372	3277.0	964.0	517.2
3373	3597.3	675.6	517.2	3374	3277.0	716.8	517.2	3375	3322.8	675.6	517.2
3376	3643.1	716.8	517.2	3377	3322.8	1005.2	517.2	3378	3682.5	963.8	517.2
3379	3597.2	1054.3	517.2	3380	3367.7	1600.1	552.7	3381	3673.9	1479.0	552.7
3382	3636.6	1600.1	461.7	3383	3546.8	1646.3	552.7	3384	3687.3	716.7	517.2
3385	3322.7	1049.5	517.2	3386	3643.1	1005.2	462.4	3387	3277.0	1005.2	462.4
3388	3643.1	675.6	462.4	3389	3277.0	675.6	462.4	3390	3681.7	1005.0	462.4
3391	3642.9	1055.2	462.4	3392	3278.0	1176.8	516.7	3393	3322.9	1116.3	516.7
3394	3672.8	1539.4	516.7	3395	3636.6	1176.8	516.7	3396	3688.0	675.6	462.4
3397	3277.0	1048.7	462.4	3398	3697.8	126.3	285.0	3399	3278.0	1600.1	461.7
3400	3678.2	1237.2	552.7	3401	3636.6	1116.3	461.7	3402	3367.6	1650.0	552.7
3403	3591.7	1539.7	516.7	3404	3322.9	1539.7	516.7	3405	3591.7	1176.8	516.7
3406	3322.9	1176.8	516.7	3407	3502.1	1418.7	573.3	3408	3457.3	1358.2	580.0
3409	3502.1	1358.2	580.0	3410	3457.3	1418.7	580.0	3411	3412.5	1418.7	573.3

3412	3412.5	1358.2	580.0	3413	3502.1	1297.7	573.3	3414	3457.3	1297.7	580.0
3415	3412.5	1297.7	573.3	3416	3546.9	1358.2	580.0	3417	3546.9	1418.7	573.3
3418	3457.3	1479.2	580.0	3419	3502.1	1479.2	573.3	3420	3367.7	1358.2	580.0
3421	3367.7	1418.7	573.3	3422	3457.3	1237.3	580.0	3423	3502.1	1237.3	573.3
3424	3367.7	1297.7	573.3	3425	3412.5	1237.3	573.3	3426	3546.9	1297.7	573.3
3427	3412.5	1479.2	573.3	3428	3591.7	1358.2	580.0	3429	3591.7	1418.7	573.3
3430	3457.3	1539.7	580.0	3431	3502.1	1539.7	573.3	3432	3322.9	1358.2	580.0
3433	3322.9	1418.7	573.3	3434	3457.3	1176.8	580.0	3435	3502.1	1176.8	573.3
3436	3322.9	1297.7	573.3	3437	3412.5	1176.8	573.3	3438	3591.7	1297.7	573.3
3439	3412.5	1539.7	573.3	3440	3636.6	1358.2	580.0	3441	3636.6	1418.7	573.3
3442	3457.3	1600.1	580.0	3443	3502.1	1600.1	573.3	3444	3278.0	1358.2	580.0
3445	3278.0	1418.7	573.3	3446	3457.3	1116.3	580.0	3447	3502.1	1116.3	573.3
3448	3591.6	1645.4	516.7	3449	3278.0	1116.3	461.7	3450	3278.0	1297.7	573.3
3451	3412.5	1116.3	573.3	3452	3636.6	1297.7	573.3	3453	3412.5	1600.1	573.3
3454	3676.0	1358.1	580.0	3455	3675.0	1418.5	573.3	3456	3457.2	1648.2	580.0
3457	3502.0	1647.3	573.3	3458	3636.6	1539.7	516.7	3459	3671.7	1599.9	461.7
3460	3591.7	1600.1	516.7	3461	3636.4	1644.5	461.7	3462	3278.0	1539.7	516.7
3463	3680.3	1116.3	461.7	3464	3322.9	1600.1	516.7	3465	3677.1	1297.6	573.3
3466	3412.4	1649.1	573.3	3467	3546.9	1479.2	552.7	3468	3367.7	1479.2	552.7
3469	3546.9	1237.3	552.7	3470	3367.7	1237.3	552.7	3471	3591.7	1479.2	552.7
3472	3591.7	1116.3	516.7	3473	3546.9	1539.7	552.7	3474	3322.9	1479.2	552.7
3475	3546.9	1176.8	552.7	3476	3322.9	1237.3	552.7	3477	3367.7	1176.8	552.7
3478	3278.0	1651.8	461.7	3479	1699.6	424.2	573.2	3480	1699.9	479.1	573.2
3481	1751.8	478.8	553.2	3482	1751.5	423.9	553.2	3483	1796.3	478.6	521.4
3484	1796.0	423.7	521.4	3485	1830.5	478.5	480.0	3486	1830.2	423.5	480.0
3487	1851.9	478.4	431.8	3488	1851.6	423.4	431.8	3489	1023.1	1293.5	190.0
3491	2621.3	1665.1	190.0	3492	1436.9	535.2	431.8	3493	1458.4	535.1	480.0
3494	1492.6	534.9	521.4	3495	1537.1	534.7	553.2	3496	1588.9	534.4	573.2
3497	1644.6	534.2	580.0	3498	1700.5	588.7	573.2	3499	1752.4	588.5	553.2
3500	1796.9	588.3	521.4	3501	1831.1	588.1	480.0	3502	1852.5	588.0	431.8
3503	2085.4	422.3	480.0	3504	238.4	488.3	521.4	3505	238.2	533.6	480.0
3506	238.1	562.0	431.8	3507	480.3	13.2	431.8	3508	2621.3	1665.1	285.0
3509	720.4	15.0	431.8	3510	720.3	43.5	480.0	3511	720.1	88.8	521.4
3512	719.9	147.8	553.2	3513	572.0	581.6	285.0	3514	2668.6	1664.1	95.0
3515	1436.6	480.3	431.8	3516	1436.3	425.5	431.8	3517	1458.1	480.2	480.0
3518	1457.8	425.4	480.0	3519	1492.3	480.1	521.4	3520	1492.0	425.2	521.4
3521	1536.8	479.9	553.2	3522	1536.5	425.0	553.2	3523	1588.6	479.6	573.2
3524	1588.3	424.7	573.2	3525	1644.3	479.3	580.0	3526	1644.0	424.5	580.0
3527	1700.2	533.9	573.2	3528	1752.1	533.7	553.2	3529	1796.6	533.5	521.4
3530	1830.8	533.3	480.0	3531	1852.2	533.2	431.8	3532	1023.1	1293.5	285.0
3533	719.7	216.5	573.2	3534	719.4	290.3	580.0	3536	1437.2	590.0	431.8
3537	1458.7	589.9	480.0	3538	1492.9	589.7	521.4	3539	1537.4	589.5	553.2
3540	1589.2	589.3	573.2	3541	1644.9	589.0	580.0	3542	2142.9	422.0	573.2
3543	2143.2	476.9	573.2	3544	2196.9	476.7	553.2	3545	2196.6	421.7	553.2
3546	2242.9	476.5	521.4	3547	2242.6	421.5	521.4	3548	2278.3	476.3	480.0
3549	2277.9	421.3	480.0	3550	2300.5	476.2	431.8	3551	2300.2	421.4	431.8
3553	2668.6	1664.1	190.0	3554	718.4	565.6	431.8	3555	1871.2	533.0	431.8
3556	1893.4	532.9	480.0	3557	1928.8	532.7	521.4	3558	1974.8	532.5	553.2
3559	2028.4	532.3	573.2	3560	2086.0	532.0	580.0	3561	2143.9	586.6	573.2
3562	2197.5	586.3	553.2	3563	2243.5	586.1	521.4	3564	2278.9	585.9	480.0
3565	2301.1	585.8	431.8	3566	1057.3	1058.7	95.0	3567	599.1	363.2	573.2
3568	598.8	431.9	553.2	3569	598.6	490.9	521.4	3570	598.4	536.2	480.0
3571	598.3	564.7	431.8	3572	480.2	41.7	480.0	3573	0.7	9.7	431.8
3574	2.6	38.0	480.0	3575	2668.6	1664.1	285.0	3576	837.7	580.3	190.0
3577	120.0	10.6	431.8	3578	1870.9	478.2	431.8	3579	1870.6	423.3	431.8
3580	1893.1	478.1	480.0	3581	1892.8	423.2	480.0	3582	1928.4	477.9	521.4
3583	1928.1	423.1	521.4	3584	1974.5	477.7	553.2	3585	1974.2	422.8	553.2
3586	2028.1	477.4	573.2	3587	2027.8	422.6	573.2	3588	2085.7	477.2	580.0
3589	2085.4	422.3	580.0	3590	2143.5	531.7	573.2	3591	2197.2	531.5	553.2
3592	2243.2	531.3	521.4	3593	2278.6	531.1	480.0	3594	2300.8	531.0	431.8
3595	1020.2	1234.8	190.0	3596	119.9	39.1	480.0	3597	119.8	84.4	521.4
3598	360.1	40.8	480.0	3599	1871.5	587.8	431.8	3600	1893.7	587.7	480.0
3601	1929.1	587.6	521.4	3602	1975.1	587.3	553.2	3603	2028.8	587.1	573.2
3604	2086.3	586.8	580.0	3605	119.6	143.4	553.2	3606	2592.9	419.8	573.2
3607	2593.4	474.0	573.2	3608	2647.4	473.6	553.2	3609	2646.9	419.5	553.2
3610	2693.8	473.2	521.4	3611	2693.3	419.3	521.4	3612	2729.4	473.0	480.0
3613	2728.9	419.1	480.0	3614	2751.8	472.8	431.8	3615	2751.3	419.0	431.8
3616	1020.2	1234.8	285.0	3617	2715.9	1663.2	95.0	3618	359.9	86.1	521.4
3619	2319.6	530.8	431.8	3620	2342.0	530.6	480.0	3621	2377.6	530.3	521.4
3622	2424.0	530.0	553.2	3623	2478.0	529.6	573.2	3624	2535.9	529.2	580.0
3625	119.3	212.1	573.2	3626	2123.9	422.1	480.0	3627	119.0	285.9	580.0
3628	24.0	357.1	573.2	3629	28.6	425.5	553.2	3631	600.3	14.1	431.8
3632	2594.4	583.6	573.2	3633	600.2	42.6	480.0	3634	2648.4	583.2	553.2
3635	2694.8	582.9	521.4	3636	2730.4	582.6	480.0	3637	2752.7	582.5	431.8
3638	359.7	145.1	553.2	3639	2320.1	585.6	431.8	3640	359.5	213.9	573.2
3641	600.1	87.9	521.4	3642	2319.2	475.9	431.8	3643	2318.7	421.1	431.8
3644	2341.5	475.8	480.0	3645	2341.0	421.0	480.0	3646	2377.1	475.5	521.4

3647	2376.6	420.8	521.4	3648	2423.5	475.2	553.2	3649	2423.0	420.6	553.2
3650	2477.5	474.8	573.2	3651	2477.0	420.3	573.2	3652	2535.5	474.4	580.0
3653	2535.0	420.0	580.0	3654	2593.9	528.8	573.2	3655	2647.9	528.4	553.2
3656	2694.3	528.1	521.4	3657	2729.9	527.8	480.0	3658	2752.2	527.6	431.8
3659	1014.4	1117.6	190.0	3660	2342.5	585.4	480.0	3661	2378.1	585.2	521.4
3662	2424.5	584.8	553.2	3663	2478.5	584.4	573.2	3664	2536.4	584.0	580.0
3665	599.8	146.9	553.2	3666	599.6	215.6	573.2	3667	599.3	289.4	580.0
3668	479.0	362.3	573.2	3669	3053.4	417.5	573.2	3670	3053.1	474.4	573.2
3671	3108.8	474.6	553.2	3672	3109.1	417.2	553.2	3673	3156.7	474.7	521.4
3674	3156.9	416.9	521.4	3675	3193.4	474.9	480.0	3676	3193.6	416.8	480.0
3677	3216.4	474.9	431.8	3678	3216.7	416.7	431.8	3680	2715.9	1663.2	190.0
3681	359.2	287.6	580.0	3682	2770.1	527.8	431.8	3683	2793.1	527.9	480.0
3684	2829.8	528.0	521.4	3685	2877.7	528.2	553.2	3686	2933.3	528.4	573.2
3687	2993.1	528.6	580.0	3688	3052.6	583.3	573.2	3689	3108.3	583.5	553.2
3690	3156.2	583.6	521.4	3691	3192.9	583.8	480.0	3692	3215.9	583.8	431.8
3694	478.7	431.0	553.2	3695	478.5	490.0	521.4	3696	478.4	535.3	480.0
3697	478.3	563.8	431.8	3698	480.0	87.0	521.4	3699	2715.9	1663.2	285.0
3700	2932.8	637.4	573.2	3701	240.1	11.5	431.8	3702	240.0	39.9	480.0
3703	238.8	360.5	573.2	3704	239.8	85.2	521.4	3705	2770.3	473.4	431.8
3706	2770.6	418.9	431.8	3707	2793.4	473.5	480.0	3708	2793.6	418.8	480.0
3709	2830.1	473.6	521.4	3710	2830.3	418.6	521.4	3711	2877.9	473.8	553.2
3712	2878.2	418.3	553.2	3713	2933.6	474.0	573.2	3714	2933.8	418.1	573.2
3715	2993.4	474.2	580.0	3716	2993.6	417.8	580.0	3717	3052.9	528.8	573.2
3718	3108.6	529.0	553.2	3719	3156.4	529.2	521.4	3720	3193.1	529.3	480.0
3721	3216.2	529.4	431.8	3722	1020.2	1234.8	95.0	3723	239.6	144.3	553.2
3724	239.4	213.0	573.2	3725	238.6	429.3	553.2	3726	2769.8	582.3	431.8
3727	2792.9	582.4	480.0	3728	2829.6	582.5	521.4	3729	2877.4	582.7	553.2
3730	2933.1	582.9	573.2	3731	2992.9	583.1	580.0	3732	239.1	286.8	580.0
3733	978.2	366.4	573.2	3734	839.2	364.9	573.2	3735	839.0	433.7	553.2
3736	975.9	435.1	553.2	3737	838.7	492.7	521.4	3738	973.9	494.1	521.4
3739	838.6	538.0	480.0	3740	972.4	539.3	480.0	3741	838.5	566.5	431.8
3742	971.5	567.8	431.8	3743	118.8	359.6	573.2	3744	1057.3	1058.7	190.0
3745	479.8	146.0	553.2	3746	479.5	214.8	573.2	3747	479.3	288.5	580.0
3748	358.9	361.4	573.2	3749	358.7	430.1	553.2	3750	358.5	489.2	521.4
3751	358.3	534.5	480.0	3752	358.2	562.9	431.8	3753	118.5	428.4	553.2
3754	118.0	561.2	431.8	3755	118.3	487.4	521.4	3756	32.6	484.2	521.4
3757	35.6	529.3	480.0	3758	37.5	557.6	431.8	3759	118.1	532.7	480.0
3760	5.6	83.1	521.4	3761	9.5	141.8	553.2	3762	14.1	210.2	573.2
3763	19.1	283.6	580.0	3764	704.9	581.0	95.0	3765	2763.2	1662.2	95.0
3766	360.2	12.4	431.8	3768	2763.2	1662.2	190.0	3769	840.5	15.9	431.8
3770	989.8	17.7	431.8	3771	840.4	44.4	480.0	3772	988.8	46.2	480.0
3773	840.2	89.7	521.4	3774	987.3	91.4	521.4	3775	840.0	148.7	553.2
3776	985.4	150.4	553.2	3777	839.7	217.4	573.2	3778	983.1	219.1	573.2
3779	839.5	291.2	580.0	3780	980.6	292.8	580.0	3781	719.1	364.1	573.2
3782	718.9	432.8	553.2	3783	718.7	491.8	521.4	3784	718.5	537.1	480.0
3785	628.3	1447.0	572.9	3786	535.5	1383.1	580.0	3787	628.3	1383.1	572.9
3788	535.5	1447.0	572.9	3789	442.8	1447.0	572.9	3790	442.8	1383.1	572.9
3791	628.3	1319.2	572.9	3792	535.5	1319.2	572.9	3793	442.8	1319.2	572.9
3794	721.1	1383.1	551.2	3795	721.1	1447.0	551.2	3796	535.5	1510.9	551.2
3797	628.3	1510.9	551.2	3798	350.0	1383.1	551.2	3799	350.0	1447.0	551.2
3800	535.5	1255.4	551.2	3801	628.3	1255.4	551.2	3802	350.0	1319.2	551.2
3803	442.8	1255.4	551.2	3804	721.1	1319.2	551.2	3805	442.8	1510.9	551.2
3806	813.9	1383.1	513.8	3807	813.9	1447.0	513.8	3808	535.5	1574.8	513.8
3809	628.3	1574.8	513.8	3810	257.2	1383.1	513.8	3811	257.2	1447.0	513.8
3812	535.5	1191.5	513.8	3813	628.3	1191.5	513.8	3814	257.2	1319.2	513.8
3815	442.8	1191.5	513.8	3816	813.9	1319.2	513.8	3817	442.8	1574.8	513.8
3818	906.7	1383.1	458.2	3819	906.7	1447.0	458.2	3820	535.5	1638.7	458.2
3821	628.3	1638.7	458.2	3822	164.4	1383.1	458.2	3823	164.4	1447.0	458.2
3824	535.5	1127.6	458.2	3825	628.3	1127.6	458.2	3826	164.4	1319.2	458.2
3827	442.8	1127.6	458.2	3828	906.7	1319.2	458.2	3829	442.8	1638.7	458.2
3830	1027.5	1381.7	380.0	3831	1030.7	1445.5	380.0	3832	2763.2	1662.2	285.0
3834	2810.6	1661.3	95.0	3836	1286.5	1057.6	190.0	3837	2810.6	1661.3	190.0
3838	2810.6	1661.3	285.0	3839	2248.4	1672.7	95.0	3841	2248.4	1672.7	190.0
3842	2248.4	1672.7	285.0	3843	704.9	581.0	190.0	3844	2206.9	1673.5	95.0
3846	2206.9	1673.5	190.0	3847	2206.9	1673.5	285.0	3848	159.6	583.7	95.0
3849	2165.3	1674.3	95.0	3851	3188.3	1048.1	95.0	3853	3188.3	1048.1	190.0
3854	3188.3	1048.1	285.0	3855	1286.5	1057.6	285.0	3856	3143.7	1048.3	95.0
3858	3143.7	1048.3	190.0	3859	3143.7	1048.3	285.0	3860	1543.6	1056.3	190.0
3861	3099.1	1048.6	95.0	3863	3099.1	1048.6	190.0	3864	3099.1	1048.6	285.0
3865	1240.6	1057.8	95.0	3866	2252.3	1052.8	95.0	3868	2252.3	1052.8	190.0
3869	2252.3	1052.8	285.0	3871	2214.9	1053.0	95.0	3873	2214.9	1053.0	190.0
3874	2214.9	1053.0	285.0	3875	1240.6	1057.8	190.0	3876	2177.6	1053.1	95.0
3878	2177.6	1053.1	190.0	3879	2177.6	1053.1	285.0	3880	1240.6	1057.8	285.0
3881	2140.2	1053.3	95.0	3883	2140.2	1053.3	190.0	3884	2140.2	1053.3	285.0
3885	1543.6	1056.3	285.0	3886	2200.9	421.7	480.0	3887	2257.2	421.6	431.8
3888	2098.8	1053.5	190.0	3889	1040.2	1637.6	95.0	3891	1040.2	1637.6	190.0
3892	1040.2	1637.6	285.0	3894	1037.3	1578.1	95.0	3896	1037.3	1578.1	190.0

3897	1037.3	1578.1	285.0	3898	1017.3	1176.2	190.0	3899	1034.3	1518.7	95.0
3901	1034.3	1518.7	190.0	3902	1034.3	1518.7	285.0	3903	1017.3	1176.2	285.0
3904	1031.4	1459.2	95.0	3906	1031.4	1459.2	190.0	3907	1031.4	1459.2	285.0
3908	1014.4	1117.6	285.0	3909	1028.4	1399.7	95.0	3911	1028.4	1399.7	190.0
3912	1028.4	1399.7	285.0	3913	1014.4	1117.6	95.0	3914	1023.1	1293.5	95.0
3916	3684.6	856.8	553.0	3917	3712.3	-690.1	458.4	3918	3683.9	889.7	553.0
3919	3711.3	-636.0	458.4	3920	3674.4	1448.8	516.7	3921	3710.4	-582.0	458.4
3922	3679.4	1164.6	461.7	3923	3709.4	-528.0	458.4	3924	3673.6	1494.1	516.7
3925	3708.5	-474.0	458.4	3926	3678.6	1213.0	461.7	3927	3707.5	-419.9	458.4
3928	3684.4	865.0	517.2	3929	3706.5	-365.9	458.4	3930	3711.3	-636.0	513.9
3931	3710.4	-582.0	513.9	3932	3709.4	-528.0	513.9	3933	3708.5	-474.0	513.9
3934	3707.5	-419.9	513.9	3935	3710.4	-582.0	551.3	3936	3709.4	-528.0	551.3
3937	3708.5	-474.0	551.3	3938	3677.7	1261.4	461.7	3939	3702.9	-161.4	462.3
3940	3683.4	914.4	517.2	3941	3702.0	-110.7	462.3	3942	3676.9	1309.7	461.7
3943	3701.1	-59.9	462.3	3944	3676.0	1358.1	552.7	3945	3700.2	-9.2	462.3
3946	3676.0	1358.1	461.7	3947	3699.3	41.5	462.3	3948	3702.1	-117.0	517.2
3949	3701.1	-59.9	517.2	3950	3700.1	-2.9	517.2	3951	3701.8	-98.0	553.0
3952	3701.1	-59.9	553.0	3953	3700.5	-21.9	553.0	3954	3685.8	790.9	553.0
3955	3696.0	230.0	462.3	3956	3675.2	1406.5	461.7	3957	3695.1	281.8	462.3
3958	3685.2	823.8	553.0	3959	3694.2	333.6	462.3	3960	3674.3	1454.8	461.7
3961	3693.2	385.4	462.3	3962	3677.1	1297.6	552.7	3963	3692.3	437.2	462.3
3964	3673.5	1503.2	461.7	3965	3691.4	489.0	462.3	3966	3675.0	1418.5	552.7
3967	3690.5	540.8	462.3	3968	3695.1	281.8	517.2	3969	3694.2	333.6	517.2
3970	3693.2	385.4	517.2	3971	3692.3	437.2	517.2	3972	3691.4	489.0	517.2
3973	3694.2	333.6	553.0	3974	3693.2	385.4	553.0	3975	3692.3	437.2	553.0
3976	3672.6	1551.5	461.7	3977	3687.1	722.6	462.4	3978	3678.4	1222.1	516.7
3979	3686.2	769.7	462.4	3980	3677.6	1267.4	516.7	3981	3685.3	816.8	462.4
3982	3676.8	1312.8	516.7	3983	3684.4	863.8	462.4	3984	3676.0	1358.1	516.7
3985	3683.5	910.9	462.4	3986	3675.2	1403.4	516.7	3987	3682.6	958.0	462.4
3988	3686.3	766.2	517.2	3989	3685.3	815.6	517.2	3990	3564.7	1646.0	461.7
3991	31.4	466.3	431.8	3992	3493.1	1647.4	461.7	3993	25.2	375.0	431.8
3994	19.7	292.2	380.0	3995	19.1	283.6	431.8	3996	3421.4	1648.9	461.7
3997	12.9	192.3	431.8	3998	3349.7	1650.3	461.7	3999	6.8	101.0	431.8
4000	3105.1	417.2	431.8	4001	3160.9	416.9	431.8	4002	2843.6	418.5	480.0
4003	19.7	292.2	285.0	4004	30.1	447.4	480.0	4005	24.6	365.5	480.0
4006	19.1	283.6	480.0	4007	13.6	201.8	480.0	4008	8.1	119.9	480.0
4009	28.1	417.4	521.4	4010	23.6	350.5	521.4	4011	19.1	283.6	521.4
4012	14.6	216.8	521.4	4013	10.1	149.9	521.4	4014	23.9	354.6	553.2
4015	19.1	283.6	553.2	4016	14.3	212.7	553.2	4017	3537.9	1646.5	516.7
4018	65.0	966.3	431.5	4019	3484.1	1647.6	516.7	4020	58.8	873.8	431.5
4021	3430.3	1648.7	516.7	4022	52.6	781.4	431.5	4023	3376.6	1649.8	516.7
4024	46.4	689.0	431.5	4025	64.1	951.9	479.6	4026	58.5	869.1	479.6
4027	52.9	786.2	479.6	4028	47.3	703.3	479.6	4029	62.5	929.1	520.8
4030	58.0	861.5	520.8	4031	53.4	793.8	520.8	4032	48.9	726.1	520.8
4033	58.4	867.5	552.5	4034	53.0	787.7	552.5	4035	2904.9	637.5	499.4
4036	2439.1	1052.3	499.4	4037	2289.7	1252.7	519.5	4038	2858.3	637.8	499.4
4039	1556.1	644.2	499.4	4040	2392.5	1052.3	499.4	4041	2672.2	1052.3	499.4
4042	2625.6	1052.3	499.4	4043	2672.2	638.7	499.4	4044	2579.0	1052.3	499.4
4045	2289.7	1198.0	519.5	4046	2532.4	1052.3	499.4	4047	2625.6	638.9	499.4
4048	2485.7	1052.3	499.4	4049	1512.1	644.4	499.4	4050	3138.0	1049.9	499.4
4051	3091.4	1049.9	499.4	4052	3044.8	1049.9	499.4	4053	2998.2	1049.9	499.4
4054	2951.5	1049.9	499.4	4055	2904.9	1049.9	499.4	4056	2858.3	1049.9	499.4
4057	2220.1	1054.5	499.4	4058	2173.5	1054.5	499.4	4059	2126.9	1054.5	499.4
4060	2080.3	1054.5	499.4	4061	2033.7	1054.5	499.4	4062	1987.1	1054.5	499.4
4063	1940.4	1054.5	499.4	4064	1776.1	1056.7	499.4	4065	1732.1	1056.7	499.4
4066	1688.1	1056.7	499.4	4067	1644.1	1056.7	499.4	4068	1600.1	1056.7	499.4
4069	1556.1	1056.7	499.4	4070	1512.1	1056.7	499.4	4071	1342.1	1058.9	499.4
4072	1298.1	1058.9	499.4	4073	1254.1	1058.9	499.4	4074	1210.1	1058.9	499.4
4075	1166.1	1058.9	499.4	4076	1122.1	1058.9	499.4	4077	1078.1	1058.9	499.4
4078	2579.0	639.1	499.4	4079	3250.3	-373.7	458.4	4080	2289.9	1611.4	432.3
4081	3251.5	-435.4	458.4	4082	2532.4	639.4	499.4	4083	3252.7	-497.1	458.4
4084	2289.9	1561.5	432.2	4085	3253.8	-558.9	458.4	4086	2485.7	639.6	499.4
4087	3255.0	-620.6	458.4	4088	2289.9	1511.7	432.0	4089	3256.2	-682.3	458.4
4090	2439.1	639.8	499.4	4091	3242.7	31.3	462.3	4092	2289.9	1461.9	431.9
4093	3243.8	-29.5	462.3	4094	2392.5	640.1	499.4	4095	3245.0	-90.4	462.3
4096	2289.8	1412.0	431.8	4097	3246.1	-151.2	462.3	4098	3243.1	8.5	517.2
4099	3244.0	-37.1	517.2	4100	3244.8	-82.8	517.2	4101	3245.7	-128.4	517.2
4102	2220.1	640.9	499.4	4103	3233.2	533.4	462.3	4104	2289.8	1362.2	431.7
4105	3234.3	474.2	462.3	4106	2173.5	641.2	499.4	4107	3235.4	415.0	462.3
4108	2289.8	1312.3	431.6	4109	3236.5	355.8	462.3	4110	2126.9	641.4	499.4
4111	3237.7	296.6	462.3	4112	2289.8	1262.5	431.5	4113	3238.8	237.4	462.3
4114	2080.3	641.6	499.4	4115	3232.6	967.5	499.4	4116	2289.7	1212.7	431.4
4117	3668.6	-798.6	95.0	4119	3668.6	-798.6	190.0	4120	3668.6	-798.6	285.0
4121	3668.6	-798.6	380.0	4122	3623.0	-799.1	95.0	4124	3623.0	-799.1	190.0
4125	3623.0	-799.1	285.0	4126	3623.0	-799.1	380.0	4127	3577.5	-799.6	95.0
4129	3577.5	-799.6	190.0	4130	3577.5	-799.6	285.0	4131	3577.5	-799.6	380.0
4132	3531.9	-800.1	95.0	4134	3531.9	-800.1	190.0	4135	3531.9	-800.1	285.0

4136	3531.9	-800.1	380.0	4137	3486.3	-800.6	95.0	4139	3486.3	-800.6	190.0
4140	3486.3	-800.6	285.0	4141	3486.3	-800.6	380.0	4142	3440.7	-801.1	95.0
4144	3440.7	-801.1	190.0	4145	3440.7	-801.1	285.0	4146	3440.7	-801.1	380.0
4147	3395.2	-801.5	95.0	4149	987.8	74.7	95.0	4150	987.8	74.7	0.0
4151	987.8	74.7	190.0	4152	987.8	74.7	285.0	4153	987.8	74.7	380.0
4154	985.9	130.8	95.0	4155	985.9	130.8	0.0	4156	985.9	130.8	190.0
4157	985.9	130.8	285.0	4158	985.9	130.8	380.0	4159	984.0	186.9	95.0
4160	984.0	186.9	0.0	4161	984.0	186.9	190.0	4162	984.0	186.9	285.0
4163	984.0	186.9	380.0	4164	982.1	243.0	95.0	4165	982.1	243.0	0.0
4166	982.1	243.0	190.0	4167	982.1	243.0	285.0	4168	982.1	243.0	380.0
4169	980.2	299.1	95.0	4170	980.2	299.1	0.0	4171	980.2	299.1	190.0
4172	980.2	299.1	285.0	4173	980.2	299.1	380.0	4174	978.3	355.2	95.0
4175	978.3	355.2	0.0	4176	978.3	355.2	190.0	4177	978.3	355.2	285.0
4178	978.3	355.2	380.0	4179	976.4	411.3	95.0	4180	976.4	411.3	0.0
4181	976.4	411.3	190.0	4182	976.4	411.3	285.0	4183	976.4	411.3	380.0
4184	974.4	467.4	95.0	4185	974.4	467.4	0.0	4186	974.4	467.4	190.0
4187	974.4	467.4	285.0	4188	974.4	467.4	380.0	4189	972.5	523.5	95.0
4190	972.5	523.5	0.0	4191	972.5	523.5	190.0	4192	972.5	523.5	285.0
4193	972.5	523.5	380.0	4194	987.9	72.7	431.8	4195	986.1	127.7	431.8
4196	984.3	182.8	431.8	4197	982.5	237.8	431.8	4198	980.6	292.8	431.8
4199	978.8	347.8	431.8	4200	977.0	402.8	431.8	4201	975.2	457.8	431.8
4202	973.3	512.8	431.8	4203	987.2	95.5	480.0	4204	985.6	144.8	480.0
4205	983.9	194.1	480.0	4206	982.3	243.4	480.0	4207	980.6	292.8	480.0
4208	979.0	342.1	480.0	4209	977.4	391.4	480.0	4210	975.7	440.7	480.0
4211	974.1	490.0	480.0	4212	1100.9	596.4	499.4	4213	1158.1	605.5	499.4
4214	1215.3	614.6	499.4	4215	1272.5	623.8	499.4	4216	1329.7	632.9	499.4
4217	2033.7	641.8	499.4	4218	1039.6	1624.5	432.7	4219	2289.7	1162.8	431.3
4220	1036.5	1562.9	432.7	4221	1987.0	642.1	499.4	4222	1033.5	1501.4	432.7
4223	2289.7	1113.0	431.2	4224	1030.4	1439.8	432.7	4225	1940.4	642.3	499.4
4226	1027.3	1378.2	432.7	4227	2289.9	1526.4	519.5	4228	1024.3	1316.6	432.7
4229	1776.1	643.1	499.4	4230	1021.2	1255.0	432.7	4231	2289.9	1471.6	519.5
4232	1018.1	1193.4	432.7	4233	1732.1	643.3	499.4	4234	1015.1	1131.8	432.7
4235	1038.3	1599.1	481.8	4236	1035.6	1543.8	481.8	4237	1032.8	1488.6	481.8
4238	1030.1	1433.4	481.8	4239	1027.3	1378.2	481.8	4240	598.3	581.5	513.3
4241	3258.4	-803.0	446.7	4242	259.6	1062.7	770.0	4243	2289.7	1114.5	960.0
4244	3258.4	-803.0	513.3	4245	259.6	1062.7	865.0	4246	3258.4	-803.0	580.0
4247	3304.0	-802.5	580.0	4248	838.5	580.3	675.0	4249	118.1	583.9	513.1
4250	155.4	1063.1	770.0	4251	3349.6	-802.0	580.0	4252	259.6	1062.7	960.0
4253	2289.7	1176.4	675.0	4254	349.9	1061.8	675.0	4255	155.4	1063.1	865.0
4256	349.9	1061.8	770.0	4257	2289.7	1238.4	770.0	4258	349.9	1061.8	865.0
4259	478.3	582.1	446.6	4260	349.9	1061.8	960.0	4261	813.9	1058.6	865.0
4262	437.9	1060.5	675.0	4263	238.1	583.3	769.8	4264	437.9	1060.5	770.0
4265	598.3	581.5	579.9	4266	437.9	1060.5	865.0	4267	155.4	1063.1	960.0
4268	478.3	582.1	513.2	4269	813.9	1058.6	960.0	4270	437.9	1060.5	960.0
4271	259.6	1062.7	675.0	4272	535.5	1060.5	675.0	4273	2289.8	1300.3	770.0
4274	155.4	1063.1	675.0	4275	3623.0	-799.1	580.0	4276	535.5	1060.5	770.0
4277	718.4	580.9	446.6	4278	535.5	1060.5	865.0	4279	3668.6	-798.6	580.0
4280	3714.2	-798.1	446.7	4281	721.1	1059.2	865.0	4282	3714.2	-798.1	513.3
4283	3714.2	-798.1	580.0	4284	3258.4	-803.0	675.0	4285	3304.0	-802.5	675.0
4286	3258.4	-803.0	770.0	4287	3304.0	-802.5	770.0	4288	3258.4	-803.0	865.0
4289	3304.0	-802.5	865.0	4290	3258.4	-803.0	960.0	4291	3304.0	-802.5	960.0
4292	3349.6	-802.0	675.0	4293	3349.6	-802.0	770.0	4294	3349.6	-802.0	865.0
4295	3349.6	-802.0	960.0	4296	3395.2	-801.5	675.0	4297	3395.2	-801.5	770.0
4298	3395.2	-801.5	865.0	4299	3395.2	-801.5	960.0	4300	3440.7	-801.1	675.0
4301	3440.7	-801.1	770.0	4302	3440.7	-801.1	865.0	4303	3440.7	-801.1	960.0
4304	3486.3	-800.6	675.0	4305	3486.3	-800.6	770.0	4306	3486.3	-800.6	865.0
4307	3486.3	-800.6	960.0	4308	3531.9	-800.1	675.0	4309	3531.9	-800.1	770.0
4310	3531.9	-800.1	865.0	4311	3531.9	-800.1	960.0	4312	3577.5	-799.6	675.0
4313	3577.5	-799.6	770.0	4314	3577.5	-799.6	865.0	4315	3577.5	-799.6	960.0
4316	3623.0	-799.1	675.0	4317	3623.0	-799.1	770.0	4318	3623.0	-799.1	865.0
4319	3623.0	-799.1	960.0	4320	3668.6	-798.6	675.0	4321	3668.6	-798.6	770.0
4322	3668.6	-798.6	865.0	4323	3668.6	-798.6	960.0	4324	3714.2	-798.1	675.0
4325	3714.2	-798.1	770.0	4326	3714.2	-798.1	865.0	4327	3714.2	-798.1	960.0
4328	813.9	1058.6	446.7	4329	598.3	581.5	959.9	4330	813.9	1058.6	675.0
4331	813.9	1058.6	513.4	4332	2289.8	1362.2	957.3	4333	2289.8	1362.2	672.3
4334	813.9	1058.6	580.0	4335	906.7	1057.9	446.7	4336	2289.8	1362.2	767.3
4337	718.4	580.9	675.0	4338	2289.8	1300.3	960.0	4339	3676.1	1351.3	580.0
4340	238.1	583.3	864.8	4341	718.4	580.9	513.3	4342	118.1	583.9	579.8
4343	2289.8	1424.1	770.0	4344	906.7	1057.9	513.4	4345	628.3	1059.8	675.0
4346	2289.8	1424.1	675.0	4347	906.7	1057.9	580.0	4348	2289.7	1176.4	960.0
4349	3704.5	-247.9	446.7	4350	2289.7	1114.5	580.0	4351	3704.5	-247.9	513.3
4352	3704.5	-247.9	580.0	4353	598.3	581.5	674.9	4354	535.5	1060.5	513.4
4355	3711.3	-633.0	770.0	4356	2289.7	1238.4	675.0	4357	1021.0	1250.4	675.0
4358	238.1	583.3	674.8	4359	838.5	580.3	960.0	4360	1021.0	1250.4	770.0
4361	1021.0	1250.4	865.0	4362	1021.0	1250.4	960.0	4363	2289.7	1114.5	675.0
4364	1024.1	1314.2	675.0	4365	838.5	580.3	513.3	4366	1024.1	1314.2	770.0
4367	1024.1	1314.2	865.0	4368	238.1	583.3	446.5	4369	1024.1	1314.2	960.0

4370	1027.3	1378.2	678.6	4371	1027.3	1378.2	773.6	4372	1033.7	1505.6	960.0
4373	718.4	580.9	865.0	4374	1036.8	1569.4	675.0	4375	358.2	582.7	864.9
4376	1036.8	1569.4	580.0	4377	1036.8	1569.4	770.0	4378	1036.8	1569.4	865.0
4379	1036.8	1569.4	960.0	4380	358.2	582.7	959.9	4381	1040.0	1633.3	675.0
4382	238.1	583.3	513.2	4383	1040.0	1633.3	580.0	4384	1040.0	1633.3	770.0
4385	478.3	582.1	674.9	4386	813.9	1058.6	770.0	4387	238.1	583.3	579.8
4388	3711.3	-633.0	865.0	4389	3711.3	-633.0	960.0	4390	3710.3	-578.0	675.0
4391	3676.1	1351.3	770.0	4392	358.2	582.7	513.2	4393	535.5	1060.5	580.0
4394	3710.3	-578.0	770.0	4395	628.3	1059.8	446.7	4396	598.3	581.5	769.9
4397	3710.3	-578.0	865.0	4398	628.3	1059.8	513.4	4399	598.3	581.5	446.6
4400	358.2	582.7	579.9	4401	3710.3	-578.0	960.0	4402	628.3	1059.8	580.0
4403	721.1	1059.2	960.0	4404	721.1	1059.2	446.7	4405	3709.4	-528.0	675.0
4406	3697.8	126.3	446.7	4407	2289.7	1114.5	770.0	4408	3697.8	126.3	513.3
4409	3697.8	126.3	580.0	4410	598.3	581.5	864.9	4411	838.5	580.3	770.0
4412	721.1	1059.2	513.4	4413	3676.1	1351.3	865.0	4414	2289.8	1362.2	862.3
4415	3713.2	-743.1	675.0	4416	721.1	1059.2	580.0	4417	3709.4	-528.0	770.0
4418	358.2	582.7	446.5	4419	259.6	1062.7	580.0	4420	3676.1	1351.3	960.0
4421	349.9	1061.8	446.7	4422	2289.7	1238.4	580.0	4423	478.3	582.1	959.9
4424	3675.1	1409.8	675.0	4425	349.9	1061.8	513.4	4426	718.4	580.9	960.0
4427	3702.8	-154.3	770.0	4428	349.9	1061.8	580.0	4429	2289.7	1114.5	865.0
4430	437.9	1060.5	446.7	4431	3702.8	-154.3	865.0	4432	437.9	1060.5	380.0
4433	3713.2	-743.1	580.0	4434	437.9	1060.5	513.4	4435	3702.8	-154.3	960.0
4436	3688.8	634.4	446.7	4437	3671.0	1643.8	446.7	4438	3688.8	634.4	513.3
4439	3688.8	634.4	580.0	4440	437.9	1060.5	580.0	4441	3671.0	1643.8	513.3
4442	535.5	1060.5	446.7	4443	3702.0	-107.6	675.0	4444	2289.7	1238.4	865.0
4445	118.1	583.9	959.8	4446	3713.2	-743.1	770.0	4447	155.4	1063.1	446.7
4448	478.3	582.1	769.9	4449	3713.2	-743.1	865.0	4450	155.4	1063.1	513.3
4451	2289.7	1238.4	960.0	4452	3713.2	-743.1	960.0	4453	155.4	1063.1	580.0
4454	259.6	1062.7	446.7	4455	3712.3	-688.1	675.0	4456	478.3	582.1	864.9
4457	259.6	1062.7	513.3	4458	3712.3	-688.1	580.0	4459	3681.3	1058.9	446.7
4460	3671.0	1643.8	580.0	4461	3681.3	1058.9	513.3	4462	3681.3	1058.9	580.0
4463	2289.8	1300.3	865.0	4464	838.5	580.3	865.0	4465	3712.3	-688.1	770.0
4466	118.1	583.9	864.8	4467	118.1	583.9	769.8	4468	3712.3	-688.1	865.0
4469	3709.4	-528.0	865.0	4470	3709.4	-528.0	960.0	4471	3708.4	-468.0	675.0
4472	3680.3	1117.8	515.0	4473	3708.4	-468.0	770.0	4474	3708.4	-468.0	865.0
4475	3708.4	-468.0	960.0	4476	3707.4	-413.0	675.0	4477	3675.1	1409.8	770.0
4478	3712.3	-688.1	960.0	4479	3707.4	-413.0	770.0	4480	3707.4	-413.0	865.0
4481	3707.4	-413.0	960.0	4482	3706.4	-357.9	675.0	4483	3711.3	-633.0	675.0
4484	3706.4	-357.9	580.0	4485	3706.4	-357.9	770.0	4486	3706.4	-357.9	865.0
4487	3706.4	-357.9	960.0	4488	3675.1	1409.8	865.0	4489	3705.4	-302.9	675.0
4490	3705.4	-302.9	580.0	4491	3705.4	-302.9	770.0	4492	3705.4	-302.9	865.0
4493	3703.6	-201.1	675.0	4494	3705.4	-302.9	960.0	4495	3704.5	-247.9	675.0
4496	3704.5	-247.9	770.0	4497	3704.5	-247.9	865.0	4498	3703.6	-201.1	580.0
4499	3704.5	-247.9	960.0	4500	3713.2	-744.1	513.6	4501	3705.5	-306.9	513.6
4502	3675.1	1409.8	960.0	4503	3702.0	-107.6	770.0	4504	3702.0	-107.6	865.0
4505	3702.0	-107.6	960.0	4506	3701.1	-60.8	675.0	4507	3703.6	-201.1	770.0
4508	3674.1	1468.3	675.0	4509	3701.1	-60.8	770.0	4510	3701.1	-60.8	865.0
4511	3701.1	-60.8	960.0	4512	3700.3	-14.0	675.0	4513	3671.9	1591.6	515.0
4514	3700.3	-14.0	770.0	4515	3700.3	-14.0	865.0	4516	3671.0	1643.8	675.0
4517	3700.3	-14.0	960.0	4518	3699.5	32.8	675.0	4519	3674.1	1468.3	770.0
4520	3699.5	32.8	770.0	4521	3671.0	1643.8	770.0	4522	3699.5	32.8	865.0
4523	3699.5	32.8	960.0	4524	3698.7	79.6	675.0	4525	3698.7	79.6	580.0
4526	3671.0	1643.8	865.0	4527	3698.7	79.6	770.0	4528	3698.7	79.6	865.0
4529	3698.7	79.6	960.0	4530	3697.8	126.3	675.0	4531	3671.0	1643.8	960.0
4532	3697.8	126.3	770.0	4533	3697.8	126.3	865.0	4534	3697.8	126.3	960.0
4535	3703.6	-201.1	865.0	4536	3703.6	-201.1	960.0	4537	3702.8	-154.3	675.0
4538	3696.9	177.2	675.0	4539	3696.9	177.2	580.0	4540	3696.9	177.2	770.0
4541	3696.9	177.2	865.0	4542	3696.9	177.2	960.0	4543	3696.0	228.0	675.0
4544	3696.0	228.0	580.0	4545	3696.0	228.0	770.0	4546	3696.0	228.0	865.0
4547	3696.0	228.0	960.0	4548	3695.1	278.8	675.0	4549	3674.1	1468.3	865.0
4550	3695.1	278.8	770.0	4551	3695.1	278.8	865.0	4552	3695.1	278.8	960.0
4553	3694.2	329.6	675.0	4554	3674.1	1468.3	960.0	4555	3694.2	329.6	770.0
4556	3694.2	329.6	865.0	4557	3694.2	329.6	960.0	4558	3693.2	385.4	675.0
4559	3673.0	1526.8	675.0	4560	3693.2	385.4	770.0	4561	3693.2	385.4	865.0
4562	3693.2	385.4	960.0	4563	3692.4	431.2	675.0	4564	3673.0	1526.8	580.0
4565	3692.4	431.2	770.0	4566	3692.4	431.2	865.0	4567	3692.4	431.2	960.0
4568	3691.5	482.0	675.0	4569	3673.0	1526.8	770.0	4570	3691.5	482.0	770.0
4571	3691.5	482.0	865.0	4572	3691.5	482.0	960.0	4573	3690.6	532.8	675.0
4574	3690.6	532.8	580.0	4575	3690.6	532.8	770.0	4576	3690.6	532.8	865.0
4577	3690.6	532.8	960.0	4578	3689.7	583.6	675.0	4579	3689.7	583.6	580.0
4580	3689.7	583.6	770.0	4581	3689.7	583.6	865.0	4582	3689.7	583.6	960.0
4583	3688.8	634.4	675.0	4584	3688.8	634.4	770.0	4585	3688.8	634.4	865.0
4586	3688.8	634.4	960.0	4587	3696.9	178.2	515.3	4588	3689.7	587.6	515.3
4589	0.0	0.0	446.7	4590	123.7	2.3	446.7	4591	3170.2	636.2	770.0
4592	0.0	0.0	513.3	4593	123.7	2.3	513.3	4594	0.0	0.0	580.0
4595	123.7	2.3	580.0	4596	247.4	4.7	446.7	4597	3170.2	636.2	865.0
4598	247.4	4.7	513.3	4599	247.4	4.7	580.0	4600	371.2	7.0	446.7

4601	3170.2	636.2	960.0	4602	371.2	7.0	513.3	4603	371.2	7.0	580.0
4604	494.9	9.3	446.7	4605	3231.3	635.9	675.0	4606	494.9	9.3	513.3
4607	494.9	9.3	580.0	4608	618.6	11.7	446.7	4609	3231.3	635.9	770.0
4610	618.6	11.7	513.3	4611	618.6	11.7	580.0	4612	742.3	14.0	446.7
4613	3231.3	635.9	865.0	4614	742.3	14.0	513.3	4615	742.3	14.0	580.0
4616	866.0	16.3	446.7	4617	3231.3	635.9	960.0	4618	866.0	16.3	513.3
4619	866.0	16.3	580.0	4620	989.7	18.6	446.7	4621	989.7	18.6	513.3
4622	989.7	18.6	580.0	4623	0.0	0.0	675.0	4624	123.7	2.3	675.0
4625	0.0	0.0	770.0	4626	123.7	2.3	770.0	4627	0.0	0.0	865.0
4628	123.7	2.3	865.0	4629	0.0	0.0	960.0	4630	123.7	2.3	960.0
4631	247.4	4.7	675.0	4632	247.4	4.7	770.0	4633	247.4	4.7	865.0
4634	247.4	4.7	960.0	4635	371.2	7.0	675.0	4636	371.2	7.0	770.0
4637	371.2	7.0	865.0	4638	371.2	7.0	960.0	4639	494.9	9.3	675.0
4640	494.9	9.3	770.0	4641	494.9	9.3	865.0	4642	494.9	9.3	960.0
4643	618.6	11.7	675.0	4644	618.6	11.7	770.0	4645	618.6	11.7	865.0
4646	618.6	11.7	960.0	4647	742.3	14.0	675.0	4648	742.3	14.0	770.0
4649	742.3	14.0	865.0	4650	742.3	14.0	960.0	4651	866.0	16.3	675.0
4652	866.0	16.3	770.0	4653	866.0	16.3	865.0	4654	866.0	16.3	960.0
4655	989.7	18.6	675.0	4656	989.7	18.6	770.0	4657	989.7	18.6	865.0
4658	989.7	18.6	960.0	4659	987.8	74.7	446.7	4660	987.8	74.7	513.3
4661	987.8	74.7	580.0	4662	985.9	130.8	446.7	4663	985.9	130.8	513.3
4664	985.9	130.8	580.0	4665	984.0	186.9	446.7	4666	984.0	186.9	513.3
4667	984.0	186.9	580.0	4668	982.1	243.0	446.7	4669	982.1	243.0	513.3
4670	982.1	243.0	580.0	4671	980.2	299.1	446.7	4672	980.2	299.1	513.3
4673	980.2	299.1	580.0	4674	978.3	355.2	446.7	4675	978.3	355.2	513.3
4676	978.3	355.2	580.0	4677	976.4	411.3	446.7	4678	976.4	411.3	513.3
4679	976.4	411.3	580.0	4680	974.4	467.4	446.7	4681	974.4	467.4	513.3
4682	974.4	467.4	580.0	4683	972.5	523.5	446.7	4684	972.5	523.5	513.3
4685	972.5	523.5	580.0	4686	970.6	579.6	446.7	4687	970.6	579.6	513.3
4688	970.6	579.6	580.0	4689	987.8	74.7	675.0	4690	987.8	74.7	770.0
4691	987.8	74.7	865.0	4692	987.8	74.7	960.0	4693	985.9	130.8	675.0
4694	985.9	130.8	770.0	4695	985.9	130.8	865.0	4696	985.9	130.8	960.0
4697	984.0	186.9	675.0	4698	984.0	186.9	770.0	4699	984.0	186.9	865.0
4700	984.0	186.9	960.0	4701	982.1	243.0	675.0	4702	982.1	243.0	770.0
4703	982.1	243.0	865.0	4704	982.1	243.0	960.0	4705	980.2	299.1	675.0
4706	980.2	299.1	770.0	4707	980.2	299.1	865.0	4708	980.2	299.1	960.0
4709	978.3	355.2	675.0	4710	978.3	355.2	770.0	4711	978.3	355.2	865.0
4712	978.3	355.2	960.0	4713	976.4	411.3	675.0	4714	976.4	411.3	770.0
4715	976.4	411.3	865.0	4716	976.4	411.3	960.0	4717	974.4	467.4	675.0
4718	974.4	467.4	770.0	4719	974.4	467.4	865.0	4720	974.4	467.4	960.0
4721	972.5	523.5	675.0	4722	972.5	523.5	770.0	4723	972.5	523.5	865.0
4724	972.5	523.5	960.0	4725	970.6	579.6	675.0	4726	970.6	579.6	770.0
4727	970.6	579.6	865.0	4728	970.6	579.6	960.0	4729	1028.1	587.8	446.7
4730	1028.1	587.8	513.3	4731	1028.1	587.8	580.0	4732	1085.5	595.9	446.7
4733	1085.5	595.9	513.3	4734	1085.5	595.9	580.0	4735	1142.9	604.1	446.7
4736	1142.9	604.1	513.3	4737	1142.9	604.1	580.0	4738	1200.4	612.2	446.7
4739	1200.4	612.2	513.3	4740	1200.4	612.2	580.0	4741	1257.8	620.4	446.7
4742	1257.8	620.4	513.3	4743	1257.8	620.4	580.0	4744	1315.2	628.5	446.7
4745	1315.2	628.5	513.3	4746	1315.2	628.5	580.0	4747	1372.7	636.7	446.7
4748	1372.7	636.7	513.3	4749	1372.7	636.7	580.0	4750	1430.1	644.9	446.7
4751	1430.1	644.9	513.3	4752	1430.1	644.9	580.0	4753	1028.1	587.8	675.0
4754	1028.1	587.8	770.0	4755	1028.1	587.8	865.0	4756	1028.1	587.8	960.0
4757	1085.5	595.9	675.0	4758	1085.5	595.9	770.0	4759	1085.5	595.9	865.0
4760	1085.5	595.9	960.0	4761	1142.9	604.1	675.0	4762	1142.9	604.1	770.0
4763	1142.9	604.1	865.0	4764	1142.9	604.1	960.0	4765	1200.4	612.2	675.0
4766	1200.4	612.2	770.0	4767	1200.4	612.2	865.0	4768	1200.4	612.2	960.0
4769	1257.8	620.4	675.0	4770	1257.8	620.4	770.0	4771	1257.8	620.4	865.0
4772	1257.8	620.4	960.0	4773	1315.2	628.5	675.0	4774	1315.2	628.5	770.0
4775	1315.2	628.5	865.0	4776	1315.2	628.5	960.0	4777	1372.7	636.7	675.0
4778	1372.7	636.7	770.0	4779	1372.7	636.7	865.0	4780	1372.7	636.7	960.0
4781	1430.1	644.9	675.0	4782	1430.1	644.9	770.0	4783	1430.1	644.9	865.0
4784	1430.1	644.9	960.0	4785	3687.0	740.5	770.0	4786	3687.0	740.5	865.0
4787	1483.6	644.6	580.0	4788	3687.0	740.5	960.0	4789	3686.0	793.5	675.0
4790	1537.2	644.3	580.0	4791	3673.0	1526.8	960.0	4792	3686.0	793.5	770.0
4793	628.3	1059.8	960.0	4794	3686.0	793.5	865.0	4795	3686.0	793.5	960.0
4796	721.1	1059.2	675.0	4797	3684.9	840.3	675.0	4798	3672.0	1585.3	675.0
4799	358.2	582.7	769.9	4800	3684.9	840.3	770.0	4801	3684.9	840.3	865.0
4802	118.1	583.9	446.5	4803	3684.9	840.3	960.0	4804	3684.1	899.7	675.0
4805	721.1	1059.2	770.0	4806	3672.0	1585.3	580.0	4807	3684.1	899.7	770.0
4808	1781.3	643.1	580.0	4809	3684.1	899.7	865.0	4810	3684.1	899.7	960.0
4811	1822.7	642.9	580.0	4812	1864.1	642.7	446.7	4813	1864.1	642.7	513.3
4814	1864.1	642.7	580.0	4815	3683.2	952.7	675.0	4816	3672.0	1585.3	770.0
4817	1903.7	642.5	580.0	4818	3683.2	952.7	770.0	4819	3683.2	952.7	865.0
4820	1943.3	642.3	580.0	4821	3683.2	952.7	960.0	4822	3682.3	1005.8	675.0
4823	1014.6	1122.7	675.0	4824	3682.3	1005.8	580.0	4825	3682.3	1005.8	770.0
4826	1014.6	1122.7	580.0	4827	3682.3	1005.8	865.0	4828	3682.3	1005.8	960.0
4829	1014.6	1122.7	770.0	4830	3681.3	1058.9	675.0	4831	3681.3	1058.9	770.0

4832	2290.0	1626.4	516.4	4833	3681.3	1058.9	865.0	4834	3681.3	1058.9	960.0
4835	1014.6	1122.7	865.0	4836	3680.3	1117.4	675.0	4837	3680.3	1117.4	580.0
4838	2215.1	640.9	580.0	4839	3680.3	1117.4	770.0	4840	3680.3	1117.4	865.0
4841	2264.1	640.7	580.0	4842	2313.0	640.5	446.7	4843	2313.0	640.5	513.3
4844	2313.0	640.5	580.0	4845	3680.3	1117.4	960.0	4846	3679.3	1175.8	675.0
4847	2356.3	640.2	580.0	4848	3679.3	1175.8	580.0	4849	1014.6	1122.7	960.0
4850	2399.6	640.0	580.0	4851	1033.7	1505.6	770.0	4852	1033.7	1505.6	865.0
4853	1017.8	1186.6	675.0	4854	1017.8	1186.6	580.0	4855	3687.9	687.4	675.0
4856	2289.7	1097.9	516.4	4857	1017.8	1186.6	770.0	4858	3687.9	687.4	580.0
4859	1017.8	1186.6	865.0	4860	3687.9	687.4	770.0	4861	1017.8	1186.6	960.0
4862	1030.5	1441.8	770.0	4863	3687.9	687.4	865.0	4864	1030.5	1441.8	865.0
4865	1030.5	1441.8	960.0	4866	3687.9	687.4	960.0	4867	1033.7	1505.6	675.0
4868	2674.8	638.7	580.0	4869	3687.0	740.5	675.0	4870	3673.0	1526.8	865.0
4871	2720.0	638.4	580.0	4872	2765.1	638.2	446.7	4873	2765.1	638.2	513.3
4874	2765.1	638.2	580.0	4875	3679.3	1175.8	770.0	4876	3679.3	1175.8	865.0
4877	2826.1	637.9	580.0	4878	3679.3	1175.8	960.0	4879	3678.2	1234.3	675.0
4880	10.6	157.7	960.0	4881	3672.0	1585.3	865.0	4882	3678.2	1234.3	770.0
4883	2289.7	1176.4	865.0	4884	3678.2	1234.3	865.0	4885	535.5	1060.5	960.0
4886	3678.2	1234.3	960.0	4887	3677.2	1292.8	675.0	4888	3672.0	1585.3	960.0
4889	718.4	580.9	770.0	4890	3677.2	1292.8	770.0	4891	3677.2	1292.8	865.0
4892	118.1	583.9	674.8	4893	3677.2	1292.8	960.0	4894	3676.1	1351.3	675.0
4895	3170.2	636.2	580.0	4896	3231.3	635.9	446.7	4897	3231.3	635.9	513.3
4898	3231.3	635.9	580.0	4899	1483.6	644.6	675.0	4900	1483.6	644.6	770.0
4901	1483.6	644.6	865.0	4902	1483.6	644.6	960.0	4903	1537.2	644.3	675.0
4904	1537.2	644.3	770.0	4905	1537.2	644.3	865.0	4906	1537.2	644.3	960.0
4907	1577.2	644.1	675.0	4908	1577.2	644.1	770.0	4909	1577.2	644.1	865.0
4910	1577.2	644.1	960.0	4911	1604.1	644.0	675.0	4912	1604.1	644.0	770.0
4913	1604.1	644.0	865.0	4914	1604.1	644.0	960.0	4915	1644.1	643.8	675.0
4916	1644.1	643.8	770.0	4917	1644.1	643.8	865.0	4918	1644.1	643.8	960.0
4919	1685.5	643.6	675.0	4920	1685.5	643.6	770.0	4921	1685.5	643.6	865.0
4922	1685.5	643.6	960.0	4923	1739.9	643.3	675.0	4924	1739.9	643.3	770.0
4925	1739.9	643.3	865.0	4926	1739.9	643.3	960.0	4927	1781.3	643.1	675.0
4928	1781.3	643.1	770.0	4929	1781.3	643.1	865.0	4930	1781.3	643.1	960.0
4931	1822.7	642.9	675.0	4932	1822.7	642.9	770.0	4933	1822.7	642.9	865.0
4934	1822.7	642.9	960.0	4935	1864.1	642.7	675.0	4936	1864.1	642.7	770.0
4937	1864.1	642.7	865.0	4938	1864.1	642.7	960.0	4939	1903.7	642.5	675.0
4940	1903.7	642.5	770.0	4941	1903.7	642.5	865.0	4942	1903.7	642.5	960.0
4943	1943.3	642.3	675.0	4944	1943.3	642.3	770.0	4945	1943.3	642.3	865.0
4946	1943.3	642.3	960.0	4947	1982.8	642.1	675.0	4948	1982.8	642.1	770.0
4949	1982.8	642.1	865.0	4950	1982.8	642.1	960.0	4951	2032.9	641.9	675.0
4952	2032.9	641.9	770.0	4953	2032.9	641.9	865.0	4954	2032.9	641.9	960.0
4955	2080.3	641.6	675.0	4956	2080.3	641.6	770.0	4957	2080.3	641.6	865.0
4958	2080.3	641.6	960.0	4959	2127.7	641.4	675.0	4960	2127.7	641.4	770.0
4961	2127.7	641.4	865.0	4962	2127.7	641.4	960.0	4963	2166.2	641.2	675.0
4964	2166.2	641.2	770.0	4965	2166.2	641.2	865.0	4966	2166.2	641.2	960.0
4967	2215.1	640.9	675.0	4968	2215.1	640.9	770.0	4969	2215.1	640.9	865.0
4970	2215.1	640.9	960.0	4971	2264.1	640.7	675.0	4972	2264.1	640.7	770.0
4973	2264.1	640.7	865.0	4974	2264.1	640.7	960.0	4975	2313.0	640.5	675.0
4976	2313.0	640.5	770.0	4977	2313.0	640.5	865.0	4978	2313.0	640.5	960.0
4979	2356.3	640.2	675.0	4980	2356.3	640.2	770.0	4981	2356.3	640.2	865.0
4982	2356.3	640.2	960.0	4983	2399.6	640.0	675.0	4984	2399.6	640.0	770.0
4985	2399.6	640.0	865.0	4986	2399.6	640.0	960.0	4987	2442.9	639.8	675.0
4988	2442.9	639.8	770.0	4989	2442.9	639.8	865.0	4990	2442.9	639.8	960.0
4991	2486.2	639.6	675.0	4992	2486.2	639.6	770.0	4993	2486.2	639.6	865.0
4994	2486.2	639.6	960.0	4995	2532.4	639.4	675.0	4996	2532.4	639.4	770.0
4997	2532.4	639.4	865.0	4998	2532.4	639.4	960.0	4999	2584.6	639.1	675.0
5000	2584.6	639.1	770.0	5001	2584.6	639.1	865.0	5002	2584.6	639.1	960.0
5003	2629.7	638.9	675.0	5004	2629.7	638.9	770.0	5005	2629.7	638.9	865.0
5006	2629.7	638.9	960.0	5007	2674.8	638.7	675.0	5008	2674.8	638.7	770.0
5009	2674.8	638.7	865.0	5010	2674.8	638.7	960.0	5011	2720.0	638.4	675.0
5012	2720.0	638.4	770.0	5013	2720.0	638.4	865.0	5014	2720.0	638.4	960.0
5015	2765.1	638.2	675.0	5016	2765.1	638.2	770.0	5017	2765.1	638.2	865.0
5018	2765.1	638.2	960.0	5019	2826.1	637.9	675.0	5020	2826.1	637.9	770.0
5021	2826.1	637.9	865.0	5022	2826.1	637.9	960.0	5023	2887.2	637.6	675.0
5024	2887.2	637.6	770.0	5025	2887.2	637.6	865.0	5026	2887.2	637.6	960.0
5027	2948.2	637.3	675.0	5028	2948.2	637.3	770.0	5029	2948.2	637.3	865.0
5030	2948.2	637.3	960.0	5031	2998.2	637.1	675.0	5032	2998.2	637.1	770.0
5033	2998.2	637.1	865.0	5034	2998.2	637.1	960.0	5035	3048.1	636.8	675.0
5036	3048.1	636.8	770.0	5037	3048.1	636.8	865.0	5038	3048.1	636.8	960.0
5039	3109.2	636.5	675.0	5040	3109.2	636.5	770.0	5041	3109.2	636.5	865.0
5042	3109.2	636.5	960.0	5043	3170.2	636.2	675.0	5044	2289.9	1609.9	675.0
5045	115.5	1715.9	513.3	5046	906.7	1057.9	865.0	5047	23.3	346.1	675.0
5048	2289.9	1609.9	580.0	5049	2289.9	1609.9	770.0	5050	7.1	105.1	864.1
5051	2289.9	1609.9	865.0	5052	115.5	1715.9	580.0	5053	2289.9	1609.9	960.0
5054	2289.9	1548.0	580.0	5055	628.3	1059.8	770.0	5056	238.1	583.3	959.8
5057	7.1	105.1	960.0	5058	628.3	1059.8	865.0	5059	2289.8	1300.3	675.0
5060	29.8	443.5	675.0	5061	39.3	584.3	446.7	5062	39.3	584.3	513.3

5063	39.3	584.3	580.0	5064	45.5	676.0	446.7	5065	45.5	676.0	513.3
5066	45.5	676.0	580.0	5067	52.2	776.2	446.7	5068	52.2	776.2	513.3
5069	52.2	776.2	580.0	5070	59.0	876.4	446.7	5071	59.0	876.4	513.3
5072	59.0	876.4	580.0	5073	65.7	976.6	446.7	5074	65.7	976.6	513.3
5075	65.7	976.6	580.0	5076	71.6	1063.7	446.7	5077	71.6	1063.7	513.3
5078	71.6	1063.7	580.0	5079	76.0	1128.7	446.7	5080	76.0	1128.7	513.3
5081	76.0	1128.7	580.0	5082	80.3	1193.7	446.7	5083	80.3	1193.7	513.3
5084	80.3	1193.7	580.0	5085	84.7	1258.7	446.7	5086	84.7	1258.7	513.3
5087	84.7	1258.7	580.0	5088	88.1	1309.6	446.7	5089	88.1	1309.6	513.3
5090	88.1	1309.6	580.0	5091	91.6	1360.5	446.7	5092	91.6	1360.5	513.3
5093	91.6	1360.5	580.0	5094	95.0	1411.4	446.7	5095	95.0	1411.4	513.3
5096	95.0	1411.4	580.0	5097	100.1	1487.5	446.7	5098	100.1	1487.5	513.3
5099	100.1	1487.5	580.0	5100	105.2	1563.6	446.7	5101	105.2	1563.6	513.3
5102	105.2	1563.6	580.0	5103	110.4	1639.7	446.7	5104	110.4	1639.7	513.3
5105	110.4	1639.7	580.0	5106	115.5	1715.9	446.7	5107	3.5	52.6	673.7
5108	115.5	1715.9	865.0	5109	23.3	346.1	770.0	5110	23.3	346.1	865.0
5111	23.3	346.1	960.0	5112	14.1	210.2	668.2	5113	14.1	210.2	763.2
5114	14.1	210.2	858.2	5115	14.1	210.2	960.0	5116	906.7	1057.9	770.0
5117	115.5	1715.9	960.0	5118	2289.9	1548.0	770.0	5119	2289.9	1548.0	865.0
5120	2289.9	1548.0	960.0	5121	26.7	396.5	675.0	5122	26.7	396.5	770.0
5123	26.7	396.5	865.0	5124	26.7	396.5	960.0	5125	29.8	443.5	770.0
5126	29.8	443.5	865.0	5127	29.8	443.5	960.0	5128	33.0	490.4	675.0
5129	39.3	584.3	675.0	5130	39.3	584.3	770.0	5131	39.3	584.3	865.0
5132	39.3	584.3	960.0	5133	45.5	676.0	675.0	5134	45.5	676.0	770.0
5135	45.5	676.0	865.0	5136	45.5	676.0	960.0	5137	52.2	776.2	675.0
5138	52.2	776.2	770.0	5139	52.2	776.2	865.0	5140	52.2	776.2	960.0
5141	59.0	876.4	675.0	5142	59.0	876.4	770.0	5143	59.0	876.4	865.0
5144	59.0	876.4	960.0	5145	65.7	976.6	675.0	5146	65.7	976.6	770.0
5147	65.7	976.6	865.0	5148	65.7	976.6	960.0	5149	71.6	1063.7	675.0
5150	71.6	1063.7	770.0	5151	71.6	1063.7	865.0	5152	71.6	1063.7	960.0
5153	76.0	1128.7	675.0	5154	76.0	1128.7	770.0	5155	76.0	1128.7	865.0
5156	76.0	1128.7	960.0	5157	80.3	1193.7	675.0	5158	80.3	1193.7	770.0
5159	80.3	1193.7	865.0	5160	80.3	1193.7	960.0	5161	84.7	1258.7	675.0
5162	84.7	1258.7	770.0	5163	84.7	1258.7	865.0	5164	84.7	1258.7	960.0
5165	88.1	1309.6	675.0	5166	88.1	1309.6	770.0	5167	88.1	1309.6	865.0
5168	88.1	1309.6	960.0	5169	91.6	1360.5	675.0	5170	91.6	1360.5	770.0
5171	91.6	1360.5	865.0	5172	91.6	1360.5	960.0	5173	95.0	1411.4	675.0
5174	95.0	1411.4	770.0	5175	95.0	1411.4	865.0	5176	95.0	1411.4	960.0
5177	100.1	1487.5	675.0	5178	100.1	1487.5	770.0	5179	100.1	1487.5	865.0
5180	100.1	1487.5	960.0	5181	105.2	1563.6	675.0	5182	105.2	1563.6	770.0
5183	105.2	1563.6	865.0	5184	105.2	1563.6	960.0	5185	110.4	1639.7	675.0
5186	110.4	1639.7	770.0	5187	110.4	1639.7	865.0	5188	110.4	1639.7	960.0
5189	115.5	1715.9	675.0	5190	115.5	1715.9	770.0	5191	208.3	1714.0	446.7
5192	208.3	1714.0	513.3	5193	208.3	1714.0	580.0	5194	301.0	1712.1	446.7
5195	301.0	1712.1	513.3	5196	301.0	1712.1	580.0	5197	393.8	1710.2	446.7
5198	393.8	1710.2	513.3	5199	393.8	1710.2	580.0	5200	486.6	1708.3	446.7
5201	486.6	1708.3	513.3	5202	486.6	1708.3	580.0	5203	579.3	1706.5	446.7
5204	579.3	1706.5	513.3	5205	579.3	1706.5	580.0	5206	672.1	1704.6	446.7
5207	672.1	1704.6	513.3	5208	672.1	1704.6	580.0	5209	764.9	1702.7	446.7
5210	764.9	1702.7	513.3	5211	764.9	1702.7	580.0	5212	857.7	1700.8	446.7
5213	857.7	1700.8	513.3	5214	857.7	1700.8	580.0	5215	950.4	1698.9	446.7
5216	950.4	1698.9	513.3	5217	950.4	1698.9	580.0	5218	1043.2	1697.1	446.7
5219	1043.2	1697.1	513.3	5220	1043.2	1697.1	580.0	5221	208.3	1714.0	675.0
5222	208.3	1714.0	770.0	5223	208.3	1714.0	865.0	5224	208.3	1714.0	960.0
5225	301.0	1712.1	675.0	5226	301.0	1712.1	770.0	5227	301.0	1712.1	865.0
5228	301.0	1712.1	960.0	5229	393.8	1710.2	675.0	5230	393.8	1710.2	770.0
5231	393.8	1710.2	865.0	5232	393.8	1710.2	960.0	5233	486.6	1708.3	675.0
5234	486.6	1708.3	770.0	5235	486.6	1708.3	865.0	5236	486.6	1708.3	960.0
5237	579.3	1706.5	675.0	5238	579.3	1706.5	770.0	5239	579.3	1706.5	865.0
5240	579.3	1706.5	960.0	5241	672.1	1704.6	675.0	5242	672.1	1704.6	770.0
5243	672.1	1704.6	865.0	5244	672.1	1704.6	960.0	5245	764.9	1702.7	675.0
5246	764.9	1702.7	770.0	5247	764.9	1702.7	865.0	5248	764.9	1702.7	960.0
5249	857.7	1700.8	675.0	5250	857.7	1700.8	770.0	5251	857.7	1700.8	865.0
5252	857.7	1700.8	960.0	5253	950.4	1698.9	675.0	5254	950.4	1698.9	770.0
5255	950.4	1698.9	865.0	5256	950.4	1698.9	960.0	5257	1043.2	1697.1	675.0
5258	1043.2	1697.1	770.0	5259	1043.2	1697.1	865.0	5260	1043.2	1697.1	960.0
5261	1084.8	1696.2	446.7	5262	2040.6	1676.9	675.0	5263	1084.8	1696.2	513.3
5264	1084.8	1696.2	580.0	5265	1126.3	1695.4	446.7	5266	2040.6	1676.9	770.0
5267	1126.3	1695.4	513.3	5268	1126.3	1695.4	580.0	5269	1167.9	1694.5	446.7
5270	2040.6	1676.9	865.0	5271	1167.9	1694.5	513.3	5272	1167.9	1694.5	580.0
5273	1209.4	1693.7	446.7	5274	2040.6	1676.9	960.0	5275	1209.4	1693.7	513.3
5276	1209.4	1693.7	580.0	5277	1251.0	1692.9	446.7	5278	2082.2	1676.0	675.0
5279	1251.0	1692.9	513.3	5280	1251.0	1692.9	580.0	5281	1292.6	1692.0	446.7
5282	2082.2	1676.0	770.0	5283	1292.6	1692.0	513.3	5284	1292.6	1692.0	580.0
5285	1334.1	1691.2	446.7	5286	2082.2	1676.0	865.0	5287	1334.1	1691.2	513.3
5288	1334.1	1691.2	580.0	5289	1375.7	1690.3	446.7	5290	2082.2	1676.0	960.0
5291	1375.7	1690.3	513.3	5292	1375.7	1690.3	580.0	5293	1417.2	1689.5	446.7

5294	2123.7	1675.2	675.0	5295	1417.2	1689.5	513.3	5296	1417.2	1689.5	580.0
5297	1458.8	1688.6	446.7	5298	2123.7	1675.2	770.0	5299	1458.8	1688.6	513.3
5300	1458.8	1688.6	580.0	5301	1500.4	1687.8	446.7	5302	2123.7	1675.2	865.0
5303	1500.4	1687.8	513.3	5304	1500.4	1687.8	580.0	5305	1541.9	1687.0	446.7
5306	2123.7	1675.2	960.0	5307	1541.9	1687.0	513.3	5308	1541.9	1687.0	580.0
5309	1583.5	1686.1	446.7	5310	2165.3	1674.3	675.0	5311	1583.5	1686.1	513.3
5312	1583.5	1686.1	580.0	5313	1625.0	1685.3	446.7	5314	2165.3	1674.3	770.0
5315	1625.0	1685.3	513.3	5316	1625.0	1685.3	580.0	5317	1666.6	1684.4	446.7
5318	2165.3	1674.3	865.0	5319	1666.6	1684.4	513.3	5320	1666.6	1684.4	580.0
5321	1708.1	1683.6	446.7	5322	2165.3	1674.3	960.0	5323	1708.1	1683.6	513.3
5324	1708.1	1683.6	580.0	5325	1749.7	1682.8	446.7	5326	2206.9	1673.5	675.0
5327	1749.7	1682.8	513.3	5328	1749.7	1682.8	580.0	5329	1791.3	1681.9	446.7
5330	1791.3	1681.9	513.3	5331	1791.3	1681.9	580.0	5332	1832.8	1681.1	446.7
5333	2206.9	1673.5	770.0	5334	1832.8	1681.1	513.3	5335	1832.8	1681.1	580.0
5336	1874.4	1680.2	446.7	5337	2206.9	1673.5	865.0	5338	1874.4	1680.2	513.3
5339	1874.4	1680.2	580.0	5340	1915.9	1679.4	446.7	5341	2206.9	1673.5	960.0
5342	1915.9	1679.4	513.3	5343	1915.9	1679.4	580.0	5344	1957.5	1678.5	446.7
5345	2248.4	1672.7	675.0	5346	1957.5	1678.5	513.3	5347	1957.5	1678.5	580.0
5348	1999.1	1677.7	446.7	5349	2248.4	1672.7	770.0	5350	1999.1	1677.7	513.3
5351	1999.1	1677.7	580.0	5352	2040.6	1676.9	446.7	5353	2248.4	1672.7	865.0
5354	2040.6	1676.9	513.3	5355	2040.6	1676.9	580.0	5356	2082.2	1676.0	446.7
5357	2248.4	1672.7	960.0	5358	2082.2	1676.0	513.3	5359	2082.2	1676.0	580.0
5360	2123.7	1675.2	446.7	5361	2290.0	1671.8	675.0	5362	2123.7	1675.2	513.3
5363	2123.7	1675.2	580.0	5364	2165.3	1674.3	446.7	5365	2290.0	1671.8	770.0
5366	2165.3	1674.3	513.3	5367	2165.3	1674.3	580.0	5368	2206.9	1673.5	446.7
5369	2290.0	1671.8	865.0	5370	2206.9	1673.5	513.3	5371	2206.9	1673.5	580.0
5372	2248.4	1672.7	446.7	5373	2290.0	1671.8	960.0	5374	2248.4	1672.7	513.3
5375	2248.4	1672.7	580.0	5376	2290.0	1671.8	446.7	5377	2290.0	1671.8	513.3
5378	2290.0	1671.8	580.0	5379	1084.8	1696.2	675.0	5380	1084.8	1696.2	770.0
5381	1084.8	1696.2	865.0	5382	1084.8	1696.2	960.0	5383	1126.3	1695.4	675.0
5384	1126.3	1695.4	770.0	5385	1126.3	1695.4	865.0	5386	1126.3	1695.4	960.0
5387	1167.9	1694.5	675.0	5388	1167.9	1694.5	770.0	5389	1167.9	1694.5	865.0
5390	1167.9	1694.5	960.0	5391	1209.4	1693.7	675.0	5392	1209.4	1693.7	770.0
5393	1209.4	1693.7	865.0	5394	1209.4	1693.7	960.0	5395	1251.0	1692.9	675.0
5396	1251.0	1692.9	770.0	5397	1251.0	1692.9	865.0	5398	1251.0	1692.9	960.0
5399	1292.6	1692.0	675.0	5400	1292.6	1692.0	770.0	5401	1292.6	1692.0	865.0
5402	1292.6	1692.0	960.0	5403	1334.1	1691.2	675.0	5404	1334.1	1691.2	770.0
5405	1334.1	1691.2	865.0	5406	1334.1	1691.2	960.0	5407	1375.7	1690.3	675.0
5408	1375.7	1690.3	770.0	5409	1375.7	1690.3	865.0	5410	1375.7	1690.3	960.0
5411	1417.2	1689.5	675.0	5412	1417.2	1689.5	770.0	5413	1417.2	1689.5	865.0
5414	1417.2	1689.5	960.0	5415	1458.8	1688.6	675.0	5416	1458.8	1688.6	770.0
5417	1458.8	1688.6	865.0	5418	1458.8	1688.6	960.0	5419	1500.4	1687.8	675.0
5420	1500.4	1687.8	770.0	5421	1500.4	1687.8	865.0	5422	1500.4	1687.8	960.0
5423	1541.9	1687.0	675.0	5424	1541.9	1687.0	770.0	5425	1541.9	1687.0	865.0
5426	1541.9	1687.0	960.0	5427	1583.5	1686.1	675.0	5428	1583.5	1686.1	770.0
5429	1583.5	1686.1	865.0	5430	1583.5	1686.1	960.0	5431	1625.0	1685.3	675.0
5432	1625.0	1685.3	770.0	5433	1625.0	1685.3	865.0	5434	1625.0	1685.3	960.0
5435	1666.6	1684.4	675.0	5436	1666.6	1684.4	770.0	5437	1666.6	1684.4	865.0
5438	1666.6	1684.4	960.0	5439	1708.1	1683.6	675.0	5440	1708.1	1683.6	770.0
5441	1708.1	1683.6	865.0	5442	1708.1	1683.6	960.0	5443	1749.7	1682.8	675.0
5444	1749.7	1682.8	770.0	5445	1749.7	1682.8	865.0	5446	1749.7	1682.8	960.0
5447	1791.3	1681.9	675.0	5448	1791.3	1681.9	770.0	5449	1791.3	1681.9	865.0
5450	1791.3	1681.9	960.0	5451	1832.8	1681.1	675.0	5452	1832.8	1681.1	770.0
5453	1832.8	1681.1	865.0	5454	1832.8	1681.1	960.0	5455	1874.4	1680.2	675.0
5456	1874.4	1680.2	770.0	5457	1874.4	1680.2	865.0	5458	1874.4	1680.2	960.0
5459	1915.9	1679.4	675.0	5460	1915.9	1679.4	770.0	5461	1915.9	1679.4	865.0
5462	1915.9	1679.4	960.0	5463	1957.5	1678.5	675.0	5464	1957.5	1678.5	770.0
5465	1957.5	1678.5	865.0	5466	1957.5	1678.5	960.0	5467	1999.1	1677.7	675.0
5468	1999.1	1677.7	770.0	5469	1999.1	1677.7	865.0	5470	1999.1	1677.7	960.0
5471	2338.0	1670.8	446.7	5472	3101.5	1655.4	580.0	5473	2338.0	1670.8	513.3
5474	2338.0	1670.8	580.0	5475	2385.9	1669.9	446.7	5476	3148.8	1654.5	446.7
5477	2385.9	1669.9	513.3	5478	2385.9	1669.9	580.0	5479	2433.9	1668.9	446.7
5480	3148.8	1654.5	513.3	5481	2433.9	1668.9	513.3	5482	2433.9	1668.9	580.0
5483	2481.9	1668.0	446.7	5484	3148.8	1654.5	580.0	5485	2481.9	1668.0	513.3
5486	2481.9	1668.0	580.0	5487	2529.9	1667.0	446.7	5488	3196.1	1653.5	446.7
5489	2529.9	1667.0	513.3	5490	2529.9	1667.0	580.0	5491	2577.8	1666.0	446.7
5492	3196.1	1653.5	513.3	5493	2577.8	1666.0	513.3	5494	2577.8	1666.0	580.0
5495	2625.8	1665.1	446.7	5496	3196.1	1653.5	580.0	5497	2625.8	1665.1	513.3
5498	2625.8	1665.1	580.0	5499	2673.8	1664.1	446.7	5500	3238.8	1652.6	446.7
5501	2673.8	1664.1	513.3	5502	2673.8	1664.1	580.0	5503	2721.8	1663.1	446.7
5504	3238.8	1652.6	513.3	5505	2721.8	1663.1	513.3	5506	2721.8	1663.1	580.0
5507	2769.8	1662.2	446.7	5508	3238.8	1652.6	580.0	5509	2769.8	1662.2	513.3
5510	2769.8	1662.2	580.0	5511	2817.7	1661.2	446.7	5512	2817.7	1661.2	513.3
5513	2817.7	1661.2	580.0	5514	2865.0	1660.2	446.7	5515	2865.0	1660.2	513.3
5516	2865.0	1660.2	580.0	5517	2912.3	1659.3	446.7	5518	2912.3	1659.3	513.3
5519	2912.3	1659.3	580.0	5520	2959.6	1658.3	446.7	5521	2959.6	1658.3	513.3
5522	2959.6	1658.3	580.0	5523	3006.9	1657.4	446.7	5524	3006.9	1657.4	513.3

5525	3006.9	1657.4	580.0	5526	3054.2	1656.4	446.7	5527	3054.2	1656.4	513.3
5528	3054.2	1656.4	580.0	5529	3101.5	1655.4	446.7	5530	3101.5	1655.4	513.3
5531	2338.0	1670.8	675.0	5532	2338.0	1670.8	770.0	5533	2338.0	1670.8	865.0
5534	2338.0	1670.8	960.0	5535	2385.9	1669.9	675.0	5536	2385.9	1669.9	770.0
5537	2385.9	1669.9	865.0	5538	2385.9	1669.9	960.0	5539	2433.9	1668.9	675.0
5540	2433.9	1668.9	770.0	5541	2433.9	1668.9	865.0	5542	2433.9	1668.9	960.0
5543	2481.9	1668.0	675.0	5544	2481.9	1668.0	770.0	5545	2481.9	1668.0	865.0
5546	2481.9	1668.0	960.0	5547	2529.9	1667.0	675.0	5548	2529.9	1667.0	770.0
5549	2529.9	1667.0	865.0	5550	2529.9	1667.0	960.0	5551	2577.8	1666.0	675.0
5552	2577.8	1666.0	770.0	5553	2577.8	1666.0	865.0	5554	2577.8	1666.0	960.0
5555	2625.8	1665.1	675.0	5556	2625.8	1665.1	770.0	5557	2625.8	1665.1	865.0
5558	2625.8	1665.1	960.0	5559	2673.8	1664.1	675.0	5560	2673.8	1664.1	770.0
5561	2673.8	1664.1	865.0	5562	2673.8	1664.1	960.0	5563	2721.8	1663.1	675.0
5564	2721.8	1663.1	770.0	5565	2721.8	1663.1	865.0	5566	2721.8	1663.1	960.0
5567	2769.8	1662.2	675.0	5568	2769.8	1662.2	770.0	5569	2769.8	1662.2	865.0
5570	2769.8	1662.2	960.0	5571	2817.7	1661.2	675.0	5572	2817.7	1661.2	770.0
5573	2817.7	1661.2	865.0	5574	2817.7	1661.2	960.0	5575	2865.0	1660.2	675.0
5576	2865.0	1660.2	770.0	5577	2865.0	1660.2	865.0	5578	2865.0	1660.2	960.0
5579	2912.3	1659.3	675.0	5580	2912.3	1659.3	770.0	5581	2912.3	1659.3	865.0
5582	2912.3	1659.3	960.0	5583	2959.6	1658.3	675.0	5584	2959.6	1658.3	770.0
5585	2959.6	1658.3	865.0	5586	2959.6	1658.3	960.0	5587	3006.9	1657.4	675.0
5588	3006.9	1657.4	770.0	5589	3006.9	1657.4	865.0	5590	3006.9	1657.4	960.0
5591	3054.2	1656.4	675.0	5592	3054.2	1656.4	770.0	5593	3054.2	1656.4	865.0
5594	3054.2	1656.4	960.0	5595	3101.5	1655.4	675.0	5596	3101.5	1655.4	770.0
5597	3101.5	1655.4	865.0	5598	3101.5	1655.4	960.0	5599	3148.8	1654.5	675.0
5600	3148.8	1654.5	770.0	5601	3148.8	1654.5	865.0	5602	3148.8	1654.5	960.0
5603	3196.1	1653.5	675.0	5604	3196.1	1653.5	770.0	5605	3196.1	1653.5	865.0
5606	3196.1	1653.5	960.0	5607	3238.8	1652.6	675.0	5608	3238.8	1652.6	770.0
5609	3238.8	1652.6	865.0	5610	3238.8	1652.6	960.0	5611	3627.7	1644.7	770.0
5612	3627.7	1644.7	865.0	5613	3627.7	1644.7	960.0	5614	3454.9	1648.2	580.0
5615	3282.0	1651.7	675.0	5616	3282.0	1651.7	580.0	5617	3282.0	1651.7	770.0
5618	3282.0	1651.7	865.0	5619	3282.0	1651.7	960.0	5620	3325.2	1650.8	675.0
5621	3325.2	1650.8	580.0	5622	3325.2	1650.8	770.0	5623	3325.2	1650.8	865.0
5624	3325.2	1650.8	960.0	5625	3368.4	1650.0	675.0	5626	3627.7	1644.7	675.0
5627	3368.4	1650.0	770.0	5628	3368.4	1650.0	865.0	5629	3368.4	1650.0	960.0
5630	3411.6	1649.1	675.0	5631	3627.7	1644.7	580.0	5632	3411.6	1649.1	770.0
5633	3411.6	1649.1	865.0	5634	3411.6	1649.1	960.0	5635	3454.9	1648.2	675.0
5636	3454.9	1648.2	770.0	5637	3454.9	1648.2	865.0	5638	3454.9	1648.2	960.0
5639	3498.1	1647.3	675.0	5640	3280.8	1651.7	515.0	5641	3498.1	1647.3	770.0
5642	3498.1	1647.3	865.0	5643	3498.1	1647.3	960.0	5644	3541.3	1646.5	675.0
5645	3631.3	1644.6	515.0	5646	3541.3	1646.5	770.0	5647	3541.3	1646.5	865.0
5648	3541.3	1646.5	960.0	5649	3584.5	1645.6	675.0	5650	3584.5	1645.6	580.0
5651	3584.5	1645.6	770.0	5652	3584.5	1645.6	865.0	5653	3584.5	1645.6	960.0
5654	3232.9	1047.9	675.0	5655	3232.9	1047.9	770.0	5656	1360.6	1057.0	960.0
5657	3232.9	1047.9	865.0	5658	3232.9	1047.9	960.0	5659	3232.9	1047.9	580.0
5660	3232.1	843.9	675.0	5661	3231.9	790.4	675.0	5662	1317.0	1057.3	675.0
5663	3231.9	790.4	770.0	5664	3231.9	790.4	865.0	5665	3231.9	790.4	960.0
5666	3231.7	738.9	675.0	5667	1447.9	1056.6	513.3	5668	3231.7	738.9	770.0
5669	3232.1	843.9	770.0	5670	3231.7	738.9	865.0	5671	3231.7	738.9	960.0
5672	3231.5	687.4	675.0	5673	3231.5	687.4	580.0	5674	3232.1	843.9	865.0
5675	3231.5	687.4	770.0	5676	3231.5	687.4	865.0	5677	3231.5	687.4	960.0
5678	3232.7	996.4	675.0	5679	3232.7	996.4	580.0	5680	3232.7	996.4	770.0
5681	3232.7	996.4	865.0	5682	3232.7	996.4	960.0	5683	3232.5	944.9	675.0
5684	1317.0	1057.3	770.0	5685	3232.5	944.9	770.0	5686	3232.5	944.9	865.0
5687	3232.5	944.9	960.0	5688	3232.3	893.4	675.0	5689	1317.0	1057.3	865.0
5690	1360.6	1057.0	865.0	5691	3232.3	893.4	770.0	5692	3232.3	893.4	865.0
5693	3232.3	893.4	960.0	5694	3232.1	843.9	960.0	5695	3233.5	1108.4	675.0
5696	3233.5	1108.4	580.0	5697	3233.5	1108.4	770.0	5698	3233.5	1108.4	865.0
5699	3233.5	1108.4	960.0	5700	3234.1	1168.8	675.0	5701	3234.1	1168.8	580.0
5702	3234.1	1168.8	770.0	5703	3234.1	1168.8	865.0	5704	3234.1	1168.8	960.0
5705	3234.7	1229.3	675.0	5706	1317.0	1057.3	960.0	5707	3234.7	1229.3	770.0
5708	3234.7	1229.3	865.0	5709	3234.7	1229.3	960.0	5710	3235.3	1289.8	675.0
5711	1273.3	1057.5	675.0	5712	3235.3	1289.8	770.0	5713	3235.3	1289.8	865.0
5714	3235.3	1289.8	960.0	5715	3235.8	1350.2	675.0	5716	2289.6	1052.6	513.3
5717	3235.8	1350.2	770.0	5718	3235.8	1350.2	865.0	5719	3235.8	1350.2	960.0
5720	3236.4	1410.7	675.0	5721	1273.3	1057.5	770.0	5722	3236.4	1410.7	770.0
5723	3236.4	1410.7	865.0	5724	3236.4	1410.7	960.0	5725	3237.0	1471.2	675.0
5726	1273.3	1057.5	865.0	5727	3237.0	1471.2	770.0	5728	3237.0	1471.2	865.0
5729	3237.0	1471.2	960.0	5730	3237.6	1531.6	675.0	5731	3237.6	1531.6	580.0
5732	3237.6	1531.6	770.0	5733	3237.6	1531.6	865.0	5734	3237.6	1531.6	960.0
5735	3238.2	1592.1	675.0	5736	3238.2	1592.1	580.0	5737	3238.2	1592.1	770.0
5738	3238.2	1592.1	865.0	5739	3238.2	1592.1	960.0	5740	3238.3	1608.3	516.5
5741	3234.9	441.6	770.0	5742	3234.9	441.6	865.0	5743	3234.9	441.6	960.0
5744	3232.5	571.1	580.0	5745	3236.1	376.8	675.0	5746	3236.1	376.8	770.0
5747	3236.1	376.8	865.0	5748	3233.7	506.4	580.0	5749	3236.1	376.8	960.0
5750	3237.4	312.0	675.0	5751	3237.4	312.0	770.0	5752	1273.3	1057.5	960.0
5753	3237.4	312.0	865.0	5754	3237.4	312.0	960.0	5755	3238.6	247.3	675.0

5756	1229.7	1057.7	675.0	5757	3238.6	247.3	770.0	5758	3238.6	247.3	865.0
5759	3238.6	247.3	960.0	5760	1229.7	1057.7	770.0	5761	3239.8	182.5	675.0
5762	3239.8	182.5	770.0	5763	3239.8	182.5	865.0	5764	3238.6	247.3	580.0
5765	3239.8	182.5	960.0	5766	3241.0	117.7	675.0	5767	3241.0	117.7	770.0
5768	3239.8	182.5	580.0	5769	3241.0	117.7	865.0	5770	3241.0	117.7	960.0
5771	3241.0	117.7	580.0	5772	3232.5	571.1	675.0	5773	3232.5	571.1	770.0
5774	3232.5	571.1	865.0	5775	3232.5	571.1	960.0	5776	3233.7	506.4	675.0
5777	3233.7	506.4	770.0	5778	3233.7	506.4	865.0	5779	3233.7	506.4	960.0
5780	3234.9	441.6	675.0	5781	3232.2	588.3	515.3	5782	1229.7	1057.7	865.0
5783	3248.2	-262.7	960.0	5784	3248.2	-262.7	580.0	5785	3241.9	70.2	675.0
5786	3241.9	70.2	580.0	5787	3241.9	70.2	770.0	5788	3241.9	70.2	865.0
5789	3241.9	70.2	960.0	5790	3242.8	22.6	675.0	5791	3242.8	22.6	580.0
5792	3242.8	22.6	770.0	5793	3242.8	22.6	865.0	5794	3242.8	22.6	960.0
5795	3243.7	-24.9	675.0	5796	1229.7	1057.7	960.0	5797	3243.7	-24.9	770.0
5798	3243.7	-24.9	865.0	5799	3243.7	-24.9	960.0	5800	3244.6	-72.5	675.0
5801	3244.6	-72.5	770.0	5802	3244.6	-72.5	865.0	5803	3244.6	-72.5	960.0
5804	3245.5	-120.1	675.0	5805	1186.0	1058.0	675.0	5806	3245.5	-120.1	770.0
5807	3245.5	-120.1	865.0	5808	3245.5	-120.1	960.0	5809	3246.4	-167.6	675.0
5810	3246.4	-167.6	580.0	5811	3246.4	-167.6	770.0	5812	3246.4	-167.6	865.0
5813	3246.4	-167.6	960.0	5814	3247.3	-215.2	675.0	5815	3247.3	-215.2	580.0
5816	3247.3	-215.2	770.0	5817	3247.3	-215.2	865.0	5818	3247.3	-215.2	960.0
5819	3248.2	-262.7	675.0	5820	3248.2	-262.7	770.0	5821	3248.2	-262.7	865.0
5822	3249.2	-316.7	675.0	5823	3249.2	-316.7	580.0	5824	3249.2	-316.7	770.0
5825	3249.2	-316.7	865.0	5826	3249.2	-316.7	960.0	5827	3250.3	-370.8	675.0
5828	3250.3	-370.8	580.0	5829	3250.3	-370.8	770.0	5830	3250.3	-370.8	865.0
5831	3250.3	-370.8	960.0	5832	3251.3	-424.8	675.0	5833	3251.3	-424.8	580.0
5834	3251.3	-424.8	770.0	5835	3251.3	-424.8	865.0	5836	3251.3	-424.8	960.0
5837	3252.3	-478.8	675.0	5838	1868.8	1054.6	513.3	5839	3252.3	-478.8	770.0
5840	3252.3	-478.8	865.0	5841	3252.3	-478.8	960.0	5842	3253.3	-532.9	675.0
5843	1186.0	1058.0	770.0	5844	3253.3	-532.9	770.0	5845	3253.3	-532.9	865.0
5846	3253.3	-532.9	960.0	5847	3254.4	-586.9	675.0	5848	1186.0	1058.0	865.0
5849	3254.4	-586.9	770.0	5850	3254.4	-586.9	865.0	5851	3254.4	-586.9	960.0
5852	3255.4	-640.9	675.0	5853	3255.4	-640.9	580.0	5854	3255.4	-640.9	770.0
5855	3255.4	-640.9	865.0	5856	3255.4	-640.9	960.0	5857	3256.4	-695.0	675.0
5858	3256.4	-695.0	580.0	5859	3256.4	-695.0	770.0	5860	3256.4	-695.0	865.0
5861	3256.4	-695.0	960.0	5862	3257.4	-749.0	675.0	5863	3257.4	-749.0	580.0
5864	3257.4	-749.0	770.0	5865	3257.4	-749.0	865.0	5866	3257.4	-749.0	960.0
5867	3257.4	-746.5	513.6	5868	3247.5	-222.0	516.4	5869	1186.0	1058.0	960.0
5870	3248.4	-270.0	515.5	5871	1142.4	1058.2	675.0	5872	3249.3	-318.0	514.7
5873	1142.4	1058.2	865.0	5874	3248.2	-262.0	460.3	5875	1142.4	1058.2	770.0
5876	3240.6	142.1	517.2	5877	3240.7	135.2	462.3	5878	1142.4	1058.2	960.0
5879	2767.1	1050.2	446.7	5880	2767.1	1050.2	580.0	5881	1098.7	1058.5	675.0
5882	2341.1	1052.4	526.5	5883	2289.6	1052.6	580.0	5884	1098.7	1058.5	580.0
5885	1868.8	1054.6	580.0	5886	1098.7	1058.5	770.0	5887	1447.9	1056.6	580.0
5888	1098.7	1058.5	865.0	5889	1011.4	1058.9	513.3	5890	1011.4	1058.9	580.0
5891	3186.3	1048.1	675.0	5892	3186.3	1048.1	580.0	5893	3186.3	1048.1	770.0
5894	3186.3	1048.1	865.0	5895	3186.3	1048.1	960.0	5896	3139.8	1048.4	675.0
5897	3139.8	1048.4	580.0	5898	3139.8	1048.4	770.0	5899	3139.8	1048.4	865.0
5900	3139.8	1048.4	960.0	5901	3093.2	1048.6	675.0	5902	3093.2	1048.6	580.0
5903	3093.2	1048.6	770.0	5904	3093.2	1048.6	865.0	5905	3093.2	1048.6	960.0
5906	3046.6	1048.8	675.0	5907	1098.7	1058.5	960.0	5908	3046.6	1048.8	770.0
5909	3046.6	1048.8	865.0	5910	3046.6	1048.8	960.0	5911	3000.0	1049.1	675.0
5912	3000.0	1049.1	770.0	5913	3000.0	1049.1	865.0	5914	3000.0	1049.1	960.0
5915	2953.4	1049.3	675.0	5916	1055.1	1058.7	675.0	5917	2953.4	1049.3	770.0
5918	2953.4	1049.3	865.0	5919	2953.4	1049.3	960.0	5920	2906.9	1049.5	675.0
5921	2906.9	1049.5	580.0	5922	2906.9	1049.5	770.0	5923	2906.9	1049.5	865.0
5924	2906.9	1049.5	960.0	5925	2860.3	1049.7	675.0	5926	2860.3	1049.7	580.0
5927	2860.3	1049.7	770.0	5928	2860.3	1049.7	865.0	5929	2860.3	1049.7	960.0
5930	2813.7	1050.0	675.0	5931	2813.7	1050.0	580.0	5932	2813.7	1050.0	770.0
5933	2813.7	1050.0	865.0	5934	2813.7	1050.0	960.0	5935	2767.1	1050.2	675.0
5936	2767.1	1050.2	770.0	5937	2767.1	1050.2	865.0	5938	2767.1	1050.2	960.0
5939	2719.4	1050.4	675.0	5940	2719.4	1050.4	580.0	5941	2719.4	1050.4	770.0
5942	2719.4	1050.4	865.0	5943	2719.4	1050.4	960.0	5944	2671.6	1050.7	675.0
5945	2671.6	1050.7	580.0	5946	2671.6	1050.7	770.0	5947	2671.6	1050.7	865.0
5948	2671.6	1050.7	960.0	5949	2623.9	1050.9	675.0	5950	1055.1	1058.7	580.0
5951	2623.9	1050.9	770.0	5952	2623.9	1050.9	865.0	5953	2623.9	1050.9	960.0
5954	2576.1	1051.2	675.0	5955	1055.1	1058.7	770.0	5956	2576.1	1051.2	770.0
5957	2576.1	1051.2	865.0	5958	2576.1	1051.2	960.0	5959	2528.4	1051.4	675.0
5960	2528.4	1051.4	770.0	5961	2528.4	1051.4	865.0	5962	2528.4	1051.4	960.0
5963	2480.6	1051.6	675.0	5964	1055.1	1058.7	865.0	5965	2480.6	1051.6	770.0
5966	2480.6	1051.6	865.0	5967	2480.6	1051.6	960.0	5968	2432.9	1051.9	675.0
5969	1055.1	1058.7	960.0	5970	2432.9	1051.9	770.0	5971	2432.9	1051.9	865.0
5972	2432.9	1051.9	960.0	5973	2385.1	1052.1	675.0	5974	2385.1	1052.1	580.0
5975	2385.1	1052.1	770.0	5976	2385.1	1052.1	865.0	5977	2385.1	1052.1	960.0
5978	2337.4	1052.3	675.0	5979	2337.4	1052.3	580.0	5980	2337.4	1052.3	770.0
5981	2337.4	1052.3	865.0	5982	2337.4	1052.3	960.0	5983	2289.6	1052.6	675.0
5984	2289.6	1052.6	770.0	5985	2289.6	1052.6	865.0	5986	2289.6	1052.6	960.0

5987	2247.6	1052.8	675.0	5988	2247.6	1052.8	580.0	5989	2247.6	1052.8	770.0
5990	2247.6	1052.8	865.0	5991	2247.6	1052.8	960.0	5992	2205.5	1053.0	675.0
5993	2205.5	1053.0	580.0	5994	2205.5	1053.0	770.0	5995	2205.5	1053.0	865.0
5996	2205.5	1053.0	960.0	5997	2163.4	1053.2	675.0	5998	1011.4	1058.9	675.0
5999	2163.4	1053.2	770.0	6000	2163.4	1053.2	865.0	6001	2163.4	1053.2	960.0
6002	2121.3	1053.4	675.0	6003	1011.4	1058.9	770.0	6004	2121.3	1053.4	770.0
6005	2121.3	1053.4	865.0	6006	2121.3	1053.4	960.0	6007	2079.2	1053.6	675.0
6008	2079.2	1053.6	770.0	6009	2079.2	1053.6	865.0	6010	2079.2	1053.6	960.0
6011	2037.1	1053.8	675.0	6012	1011.4	1058.9	865.0	6013	2037.1	1053.8	770.0
6014	2037.1	1053.8	865.0	6015	2037.1	1053.8	960.0	6016	1995.0	1054.0	675.0
6017	1011.4	1058.9	960.0	6018	1995.0	1054.0	770.0	6019	1995.0	1054.0	865.0
6020	1995.0	1054.0	960.0	6021	1952.9	1054.2	675.0	6022	1952.9	1054.2	580.0
6023	1952.9	1054.2	770.0	6024	1952.9	1054.2	865.0	6025	1952.9	1054.2	960.0
6026	1910.9	1054.4	675.0	6027	1910.9	1054.4	580.0	6028	1910.9	1054.4	770.0
6029	1910.9	1054.4	865.0	6030	1910.9	1054.4	960.0	6031	1868.8	1054.6	675.0
6032	1868.8	1054.6	770.0	6033	1868.8	1054.6	865.0	6034	1868.8	1054.6	960.0
6035	1826.7	1054.8	675.0	6036	1826.7	1054.8	580.0	6037	1826.7	1054.8	770.0
6038	1826.7	1054.8	865.0	6039	1826.7	1054.8	960.0	6040	1784.6	1055.0	675.0
6041	1784.6	1055.0	580.0	6042	1784.6	1055.0	770.0	6043	1784.6	1055.0	865.0
6044	1784.6	1055.0	960.0	6045	1742.5	1055.2	675.0	6046	3232.9	1047.9	446.7
6047	1742.5	1055.2	770.0	6048	1742.5	1055.2	865.0	6049	1742.5	1055.2	960.0
6050	1700.4	1055.4	675.0	6051	2767.1	1050.2	513.3	6052	1700.4	1055.4	770.0
6053	1700.4	1055.4	865.0	6054	1700.4	1055.4	960.0	6055	1658.3	1055.6	675.0
6056	1658.3	1055.6	770.0	6057	1658.3	1055.6	865.0	6058	1658.3	1055.6	960.0
6059	1616.2	1055.8	675.0	6060	3232.9	1047.9	513.3	6061	1616.2	1055.8	770.0
6062	1616.2	1055.8	865.0	6063	1616.2	1055.8	960.0	6064	1574.2	1056.0	675.0
6065	2719.7	1051.2	526.5	6066	1574.2	1056.0	770.0	6067	1574.2	1056.0	865.0
6068	1574.2	1056.0	960.0	6069	1532.1	1056.2	675.0	6070	1532.1	1056.2	580.0
6071	1532.1	1056.2	770.0	6072	1532.1	1056.2	865.0	6073	1532.1	1056.2	960.0
6074	1490.0	1056.4	675.0	6075	1490.0	1056.4	580.0	6076	1490.0	1056.4	770.0
6077	1490.0	1056.4	865.0	6078	1490.0	1056.4	960.0	6079	1447.9	1056.6	675.0
6080	1447.9	1056.6	770.0	6081	1447.9	1056.6	865.0	6082	1447.9	1056.6	960.0
6083	1404.2	1056.8	675.0	6084	1404.2	1056.8	580.0	6085	1404.2	1056.8	770.0
6086	1404.2	1056.8	865.0	6087	1404.2	1056.8	960.0	6088	1360.6	1057.0	675.0
6089	1360.6	1057.0	580.0	6090	1360.6	1057.0	770.0	6091	1027.3	1378.2	868.6
6092	2289.6	1052.6	446.7	6093	718.4	580.9	580.0	6094	478.3	582.1	579.9
6095	1011.4	1058.9	446.7	6096	906.7	1057.9	675.0	6097	2289.7	1176.4	580.0
6098	2289.7	1176.4	770.0	6099	1027.3	1378.2	963.6	6100	1040.0	1633.3	865.0
6101	2289.8	1424.1	865.0	6102	1030.5	1441.8	675.0	6103	1040.0	1633.3	960.0
6104	2289.8	1424.1	960.0	6105	906.7	1057.9	960.0	6106	2289.9	1486.0	675.0
6107	838.5	580.3	446.7	6108	2289.9	1486.0	580.0	6109	2289.9	1486.0	770.0
6110	838.5	580.3	580.0	6111	2289.9	1486.0	865.0	6112	2289.9	1486.0	960.0
6113	2289.9	1548.0	675.0	6114	3.5	52.6	578.3	6115	36.2	537.4	580.0
6116	36.2	537.4	770.0	6117	36.2	537.4	865.0	6118	36.2	537.4	960.0
6119	19.1	283.6	675.0	6120	3.5	52.6	769.1	6121	19.1	283.6	770.0
6122	19.1	283.6	865.0	6123	19.1	283.6	960.0	6124	33.0	490.4	580.0
6125	33.0	490.4	770.0	6126	33.0	490.4	865.0	6127	33.0	490.4	960.0
6128	36.2	537.4	675.0	6129	7.1	105.1	672.4	6130	10.6	157.7	671.2
6131	3.5	52.6	864.6	6132	3.5	52.6	960.0	6133	10.6	157.7	767.4
6134	7.1	105.1	768.3								

Nodo	**X**	**Y**	**Z**	**Note**	**Rig. TX**	**Rig. TY**	**Rig. TZ**	**Rig. RX**	**Rig. RY**	**Rig. RZ**
	cm	cm	cm		daN/cm	daN/cm	daN/cm	daN cm/rad	daN cm/rad	daN cm/rad
1	0.0	0.0	0.0	v=111111						
4	123.7	2.3	0.0	v=111111						
12	247.4	4.7	0.0	v=111111						
17	371.2	7.0	0.0	v=111111						
22	494.9	9.3	0.0	v=111111						
27	618.6	11.7	0.0	v=111111						
32	742.3	14.0	0.0	v=111111						
37	866.0	16.3	0.0	v=111111						
42	989.7	18.6	0.0	v=111111						
47	7.7	114.3	0.0	v=111111						
52	13.1	194.8	0.0	v=111111						
57	26.7	396.5	0.0	v=111111						
62	33.0	490.4	0.0	v=111111						
67	39.3	584.3	0.0	v=111111						
72	45.5	676.0	0.0	v=111111						
80	1103.1	1058.5	0.0	v=111111						
87	115.5	1715.9	0.0	v=111111						
92	65.7	976.6	0.0	v=111111						
97	71.6	1063.7	0.0	v=111111						
127	168.4	1063.2	0.0	v=111111						
132	265.2	1062.7	0.0	v=111111						
137	362.0	1062.2	0.0	v=111111						

142	458.8	1061.7	0.0	v=111111
147	555.6	1061.2	0.0	v=111111
152	652.4	1060.8	0.0	v=111111
157	780.4	1060.1	0.0	v=111111
162	857.4	1059.7	0.0	v=111111
167	934.4	1059.3	0.0	v=111111
172	1011.4	1058.9	0.0	v=111111
177	3054.5	1048.8	0.0	v=111111
192	2926.2	1049.4	0.0	v=111111
197	2877.4	1049.7	0.0	v=111111
202	2828.6	1049.9	0.0	v=111111
207	2779.8	1050.1	0.0	v=111111
212	2731.0	1050.4	0.0	v=111111
217	2682.1	1050.6	0.0	v=111111
222	2633.3	1050.9	0.0	v=111111
227	2584.5	1051.1	0.0	v=111111
242	2443.3	1051.8	0.0	v=111111
247	2392.1	1052.1	0.0	v=111111
252	2340.9	1052.3	0.0	v=111111
257	2289.6	1052.6	0.0	v=111111
263	159.6	583.7	0.0	v=111111
265	2123.7	1675.2	0.0	v=111111
270	2082.2	1676.0	0.0	v=111111
275	2040.6	1676.9	0.0	v=111111
280	1999.1	1677.7	0.0	v=111111
290	1957.5	1678.5	0.0	v=111111
293	279.9	583.1	0.0	v=111111
295	1915.9	1679.4	0.0	v=111111
300	1874.4	1680.2	0.0	v=111111
305	1832.8	1681.1	0.0	v=111111
310	1791.3	1681.9	0.0	v=111111
315	1749.7	1682.8	0.0	v=111111
318	400.2	582.5	0.0	v=111111
320	1708.1	1683.6	0.0	v=111111
325	3697.8	126.3	0.0	v=111111
327	3232.9	1047.9	0.0	v=111111
332	3233.4	1098.3	0.0	v=111111
337	3233.9	1148.7	0.0	v=111111
342	3234.4	1199.1	0.0	v=111111
347	3234.9	1249.5	0.0	v=111111
352	3235.4	1299.9	0.0	v=111111
357	3235.8	1350.2	0.0	v=111111
362	3236.3	1400.6	0.0	v=111111
367	3236.8	1451.0	0.0	v=111111
372	3237.3	1501.4	0.0	v=111111
377	3237.8	1551.8	0.0	v=111111
382	3238.3	1602.2	0.0	v=111111
387	3238.8	1652.6	0.0	v=111111
392	3232.4	996.4	0.0	v=111111
397	3231.9	945.0	0.0	v=111111
402	3231.4	893.5	0.0	v=111111
407	3231.0	846.1	0.0	v=111111
412	3230.5	798.8	0.0	v=111111
417	3230.1	751.4	0.0	v=111111
422	3230.7	693.7	0.0	v=111111
427	3231.3	635.9	0.0	v=111111
432	3232.3	581.1	0.0	v=111111
437	3233.3	526.2	0.0	v=111111
442	3234.4	471.4	0.0	v=111111
447	3235.4	416.6	0.0	v=111111
452	3236.5	356.0	0.0	v=111111
457	3237.7	295.5	0.0	v=111111
462	3238.8	234.9	0.0	v=111111
467	3240.0	174.4	0.0	v=111111
472	3241.1	113.8	0.0	v=111111
477	3242.3	53.3	0.0	v=111111
487	3245.1	-98.6	0.0	v=111111
492	3246.7	-180.6	0.0	v=111111
497	3248.2	-262.7	0.0	v=111111
502	3249.8	-344.8	0.0	v=111111
507	3251.3	-426.9	0.0	v=111111
517	3254.4	-590.4	0.0	v=111111
522	3255.8	-661.3	0.0	v=111111
527	3257.1	-732.1	0.0	v=111111
532	3258.4	-803.0	0.0	v=111111
557	3714.2	-798.1	0.0	v=111111
561	2765.1	638.2	0.0	v=111111

564	2764.5	583.4	0.0	v=111111
572	2763.9	528.6	0.0	v=111111
577	2763.3	473.7	0.0	v=111111
582	2762.7	418.9	0.0	v=111111
590	3349.6	-802.0	0.0	v=111111
595	3304.0	-802.5	0.0	v=111111
607	970.6	579.6	0.0	v=111111
612	208.3	1714.0	0.0	v=111111
617	301.0	1712.1	0.0	v=111111
620	1666.6	1684.4	0.0	v=111111
622	393.8	1710.2	0.0	v=111111
627	486.6	1708.3	0.0	v=111111
632	579.3	1706.5	0.0	v=111111
637	672.1	1704.6	0.0	v=111111
642	764.9	1702.7	0.0	v=111111
647	857.7	1700.8	0.0	v=111111
652	950.4	1698.9	0.0	v=111111
657	1043.2	1697.1	0.0	v=111111
688	1625.0	1685.3	0.0	v=111111
699	76.0	1128.7	0.0	v=111111
704	80.3	1193.7	0.0	v=111111
709	84.7	1258.7	0.0	v=111111
723	95.0	1411.4	0.0	v=111111
727	100.1	1487.5	0.0	v=111111
730	1583.5	1686.1	0.0	v=111111
732	105.2	1563.6	0.0	v=111111
737	110.4	1639.7	0.0	v=111111
742	2290.0	1671.8	0.0	v=111111
747	1500.4	1687.8	0.0	v=111111
752	1458.8	1688.6	0.0	v=111111
757	1417.2	1689.5	0.0	v=111111
762	1375.7	1690.3	0.0	v=111111
767	1334.1	1691.2	0.0	v=111111
772	1292.6	1692.0	0.0	v=111111
777	1251.0	1692.9	0.0	v=111111
782	1209.4	1693.7	0.0	v=111111
787	1167.9	1694.5	0.0	v=111111
792	1126.3	1695.4	0.0	v=111111
797	1084.8	1696.2	0.0	v=111111
802	3713.0	-729.3	0.0	v=111111
807	3711.8	-660.6	0.0	v=111111
812	3710.5	-591.8	0.0	v=111111
817	3709.3	-523.0	0.0	v=111111
822	3708.1	-454.2	0.0	v=111111
827	3706.9	-385.5	0.0	v=111111
832	3705.7	-316.7	0.0	v=111111
837	3704.5	-247.9	0.0	v=111111
842	3703.2	-179.1	0.0	v=111111
852	3700.6	-31.8	0.0	v=111111
857	3699.5	31.4	0.0	v=111111
862	3699.0	62.9	0.0	v=111111
867	3696.7	189.9	0.0	v=111111
872	3695.6	253.4	0.0	v=111111
877	3694.5	316.9	0.0	v=111111
887	3692.4	432.4	0.0	v=111111
892	3691.2	499.7	0.0	v=111111
897	3690.0	567.0	0.0	v=111111
902	3688.8	634.4	0.0	v=111111
907	3687.8	691.8	0.0	v=111111
912	3686.8	749.2	0.0	v=111111
922	3684.4	886.7	0.0	v=111111
927	3683.4	944.1	0.0	v=111111
932	3682.3	1001.5	0.0	v=111111
937	3681.4	1055.8	0.0	v=111111
942	3680.3	1116.2	0.0	v=111111
972	3673.6	1492.3	0.0	v=111111
977	3672.8	1542.8	0.0	v=111111
982	3671.9	1593.3	0.0	v=111111
987	3671.0	1643.8	0.0	v=111111
992	3584.5	1645.6	0.0	v=111111
997	3498.1	1647.3	0.0	v=111111
1002	3411.6	1649.1	0.0	v=111111
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1017	3117.2	417.1	0.0	v=111111
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1027	2999.0	417.7	0.0	v=111111

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1037	2880.9	418.3	0.0	v=111111
1042	2821.8	418.6	0.0	v=111111
1047	2717.6	419.1	0.0	v=111111
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1082	2402.0	420.7	0.0	v=111111
1087	2356.9	420.9	0.0	v=111111
1092	2311.9	421.1	0.0	v=111111
1097	2267.0	421.4	0.0	v=111111
1102	2222.1	421.6	0.0	v=111111
1107	2177.2	421.8	0.0	v=111111
1112	2132.3	422.0	0.0	v=111111
1117	2087.4	422.3	0.0	v=111111
1122	2042.5	422.5	0.0	v=111111
1127	1997.7	422.7	0.0	v=111111
1132	1952.8	422.9	0.0	v=111111
1137	1907.9	423.2	0.0	v=111111
1142	1863.0	423.4	0.0	v=111111
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1152	1776.2	423.8	0.0	v=111111
1157	1732.8	424.0	0.0	v=111111
1162	1689.4	424.2	0.0	v=111111
1167	1646.0	424.5	0.0	v=111111
1172	1602.6	424.7	0.0	v=111111
1177	1559.2	424.9	0.0	v=111111
1182	1515.8	425.1	0.0	v=111111
1187	1472.4	425.3	0.0	v=111111
1192	1429.0	425.5	0.0	v=111111
1197	3170.2	636.2	0.0	v=111111
1202	3109.2	636.5	0.0	v=111111
1207	3048.1	636.8	0.0	v=111111
1211	3048.1	636.5	0.0	v=111111
1222	2948.2	637.3	0.0	v=111111
1227	2887.2	637.6	0.0	v=111111
1232	2826.1	637.9	0.0	v=111111
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1297	2166.2	641.2	0.0	v=111111
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1347	1739.9	643.3	0.0	v=111111
1352	1698.5	643.5	0.0	v=111111
1357	1657.1	643.7	0.0	v=111111
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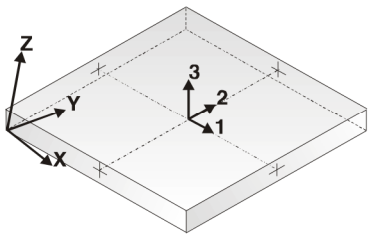
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1447	3091.0	1655.6	0.0	v=111111
1452	3137.8	1654.6	0.0	v=111111
1457	3184.5	1653.7	0.0	v=111111
1462	2312.7	585.6	0.0	v=111111
1467	2312.4	530.8	0.0	v=111111
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1477	1863.8	587.9	0.0	v=111111
1482	1863.6	533.0	0.0	v=111111
1487	1863.3	478.2	0.0	v=111111
1492	1429.8	590.0	0.0	v=111111
1497	1429.6	535.2	0.0	v=111111
1502	1429.3	480.4	0.0	v=111111
1507	2289.9	1620.2	0.0	v=111111
1512	2289.9	1568.6	0.0	v=111111
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1522	2289.9	1465.4	0.0	v=111111
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1547	2289.7	1207.4	0.0	v=111111
1552	2289.7	1155.8	0.0	v=111111
1557	2289.7	1104.2	0.0	v=111111
1567	1194.8	1058.0	0.0	v=111111
1569	2015.9	1053.9	0.0	v=111111
1574	1971.6	1054.2	0.0	v=111111
1579	1927.4	1054.4	0.0	v=111111
1584	1883.1	1054.6	0.0	v=111111
1589	1838.8	1054.8	0.0	v=111111
1592	1148.9	1058.3	0.0	v=111111
1594	1794.5	1055.0	0.0	v=111111
1599	1750.2	1055.3	0.0	v=111111
1604	1705.9	1055.5	0.0	v=111111
1609	1661.6	1055.7	0.0	v=111111
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2213	2337.3	1670.9	0.0	v=111111
2227	1469.8	1056.7	0.0	v=111111
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2364	2384.6	1669.9	0.0	v=111111
2467	2432.0	1668.9	0.0	v=111111
2539	837.7	580.3	0.0	v=111111
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2765	1378.1	1057.1	0.0	v=111111
2838	2526.6	1667.0	0.0	v=111111
2858	1332.3	1057.3	0.0	v=111111
2860	572.0	581.6	0.0	v=111111
2935	1286.5	1057.6	0.0	v=111111
2938	2573.9	1666.1	0.0	v=111111
3490	2621.3	1665.1	0.0	v=111111
3535	2668.6	1664.1	0.0	v=111111
3552	1020.2	1234.8	0.0	v=111111
3630	2715.9	1663.2	0.0	v=111111
3679	1014.4	1117.6	0.0	v=111111
3693	1057.3	1058.7	0.0	v=111111
3767	2763.2	1662.2	0.0	v=111111
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3835	2810.6	1661.3	0.0	v=111111
3840	2248.4	1672.7	0.0	v=111111
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3893	1017.3	1176.2	0.0	v=111111
3895	1037.3	1578.1	0.0	v=111111
3900	1034.3	1518.7	0.0	v=111111
3905	1031.4	1459.2	0.0	v=111111
3910	1028.4	1399.7	0.0	v=111111
3915	1023.1	1293.5	0.0	v=111111

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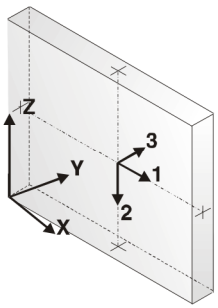
MODELLAZIONE STRUTTURA: ELEMENTI SHELL

LEGENDA TABELLA DATI SHELL

Il programma utilizza per la modellazione elementi a tre o quattro nodi denominati in generale shell.
Ogni elemento shell è individuato dai nodi I, J, K, L (L=I per gli elementi a tre nodi).
Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



orientamento elementi 3D non verticali



orientamento elementi 3D verticali

In particolare per ogni elemento viene indicato in tabella:

Elem.	numero dell'elemento
Note	codice di comportamento: *Guscio* (elemento guscio in elevazione non verticale) *Guscio fond.* (elemento guscio su suolo elastico) *Setto* (elemento guscio in elevazione verticale) *Membrana* (elemento guscio con comportamento membranale)
Nodo I (J, K, L)	numero del nodo I (J, K, L)
Mat.	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Wink V	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico verticale
Wink O	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
8	MENSOLE CON ELEMENTI PLATE E MATERIALE ORTOTROPO
10	PIASTRA CON ELEMENTI PLATE E MATERIALE ORTOTROPO
21	DRILLING
25	TENSIONI DI ELEMENTI PLATE
31	REALIZZAZIONE DI MESH PIANA SU GEOMETRIA CON PUNTI FISSI IMPORTATA DA FILE .DXF
32	REALIZZAZIONE DI MESH PIANA SU GEOMETRIA CON SEGMENTI E FORI INTERNI IMPORTATA DA FILE .DXF
33	REALIZZAZIONE DI MESH PIANE SU GEOMETRIE COSTRUITE IN PRO_SAP
34	ANALISI DI BUCKLING DI PIASTRA ISOTROPA
35	ANALISI DI BUCKLING DI UN CILINDRO COMPRESSO INCASTRATO ALLA BASE
36	ANALISI DI PARETI FORATE
37	BIMETALLIC STRIP (NAFEMS EXERCISE 6)
38	ANALISI ELASTICA DI PIASTRA CON INTAGLIO CIRCOLARE (FLAT BAR WITH EDGE NOTCHES-NAFEMS EXERCISE 9)
39	PLATEA NERVATA
45	VERIFICA A PUNZONAMENTO ALLO SLU DI PIASTRE IN C.A.
117	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
118	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore cm	Wink V daN/cm3	Wink O daN/cm3
1	Setto	2	3	4	1	23	120.0		
2	Setto	5	6	3	2	23	120.0		
3	Setto	7	8	6	5	23	120.0		
4	Setto	9	10	8	7	23	120.0		
5	Setto	3	11	12	4	23	120.0		
6	Setto	6	13	11	3	23	120.0		
7	Setto	8	14	13	6	23	120.0		
8	Setto	10	15	14	8	23	120.0		

9	Setto	11	16	17	12	23	120.0
10	Setto	13	18	16	11	23	120.0
11	Setto	14	19	18	13	23	120.0
12	Setto	15	20	19	14	23	120.0
13	Setto	16	21	22	17	23	120.0
14	Setto	18	23	21	16	23	120.0
15	Setto	19	24	23	18	23	120.0
16	Setto	20	25	24	19	23	120.0
17	Setto	21	26	27	22	23	120.0
18	Setto	23	28	26	21	23	120.0
19	Setto	24	29	28	23	23	120.0
20	Setto	25	30	29	24	23	120.0
21	Setto	26	31	32	27	23	120.0
22	Setto	28	33	31	26	23	120.0
23	Setto	29	34	33	28	23	120.0
24	Setto	30	35	34	29	23	120.0
25	Setto	31	36	37	32	23	120.0
26	Setto	33	38	36	31	23	120.0
27	Setto	34	39	38	33	23	120.0
28	Setto	35	40	39	34	23	120.0
29	Setto	36	41	42	37	23	120.0
30	Setto	38	43	41	36	23	120.0
31	Setto	39	44	43	38	23	120.0
32	Setto	40	45	44	39	23	120.0
33	Setto	2	46	47	1	23	110.0
34	Setto	5	48	46	2	23	110.0
35	Setto	7	49	48	5	23	110.0
36	Setto	9	50	49	7	23	110.0
37	Setto	46	51	52	47	23	110.0
38	Setto	48	53	51	46	23	110.0
39	Setto	49	54	53	48	23	110.0
40	Setto	50	55	54	49	23	110.0
41	Setto	1560	1555	4219	4223	23	70.0
42	Setto	260	1560	4223	2675	23	70.0
43	Setto	4080	2415	2416		23	70.0
44	Setto	3994	60	59	4003	23	110.0
45	Setto	56	61	62	57	23	110.0
46	Setto	58	63	61	56	23	110.0
47	Setto	59	64	63	58	23	110.0
48	Setto	60	65	64	59	23	110.0
49	Setto	61	66	67	62	23	110.0
50	Setto	63	68	66	61	23	110.0
51	Setto	64	69	68	63	23	110.0
52	Setto	65	70	69	64	23	110.0
53	Setto	66	71	72	67	23	110.0
54	Setto	68	73	71	66	23	110.0
55	Setto	69	74	73	68	23	110.0
56	Setto	70	75	74	69	23	110.0
57	Guscio	697	692	108		23	30.0
58	Guscio	76	693	109		23	30.0
59	Guscio	77	111	694		23	30.0
60	Guscio	78	112	695		23	30.0
61	Guscio	112	79	695		23	30.0
62	Guscio	694	111	81		23	30.0
63	Guscio	109	693	82		23	30.0
64	Guscio	696	83	113	108	23	30.0
65	Guscio	697	108	114	84	23	30.0
66	Guscio	101	76	109	740	23	30.0
67	Guscio	165	170	111	77	23	30.0
68	Guscio	687	112	78	103	23	30.0
69	Setto	91	96	97	92	23	110.0
70	Setto	93	98	96	91	23	110.0
71	Setto	94	99	98	93	23	110.0
72	Setto	95	100	99	94	23	110.0
73	Guscio	130	135	79	112	23	30.0
74	Guscio	111	102	106	81	23	30.0
75	Guscio	109	82	107	104	23	30.0
76	Guscio	108	113	660		23	30.0
77	Guscio	108	660	114		23	30.0
78	Guscio	740	109	90		23	30.0
79	Guscio	170	175	111		23	30.0
80	Guscio	687	100	112		23	30.0
81	Guscio	100	130	112		23	30.0
82	Guscio	111	175	102		23	30.0
83	Guscio	4432	2317	150		23	30.0
84	Guscio	2317	2293	155	150	23	30.0
85	Setto	121	4231	2679		23	70.0

86	Setto	117	121	2679	2680	23	70.0
87	Setto	542	117	2680	2463	23	70.0
88	Setto	75	120	119	74	23	110.0
89	Setto	4037	542	2463		23	70.0
90	Setto	4045	4037	2463	2464	23	70.0
91	Setto	3710	3712	712	4002	23	25.0
92	Setto	120	125	124	119	23	110.0
93	Setto	4219	4116	4045	2673	23	70.0
94	Setto	4227	2677	2678		23	70.0
95	Setto	4231	4227	2678	2679	23	70.0
96	Setto	125	95	94	124	23	110.0
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98	Setto	98	128	126	96	23	110.0
99	Setto	99	129	128	98	23	110.0
100	Setto	100	130	129	99	23	110.0
101	Setto	126	131	132	127	23	110.0
102	Setto	128	133	131	126	23	110.0
103	Setto	129	134	133	128	23	110.0
104	Guscio	130	135	134	129	23	110.0
105	Setto	131	136	137	132	23	110.0
106	Setto	133	138	136	131	23	110.0
107	Setto	134	139	138	133	23	110.0
108	Guscio	135	140	139	134	23	110.0
109	Setto	136	141	142	137	23	110.0
110	Setto	138	143	141	136	23	110.0
111	Setto	139	144	143	138	23	110.0
112	Guscio	140	4432	144	139	23	110.0
113	Setto	141	146	147	142	23	110.0
114	Setto	143	148	146	141	23	110.0
115	Setto	144	149	148	143	23	110.0
116	Guscio	4432	150	149	144	23	110.0
117	Setto	146	151	152	147	23	110.0
118	Setto	148	153	151	146	23	110.0
119	Setto	149	154	153	148	23	110.0
120	Guscio	150	155	154	149	23	110.0
121	Setto	1789	1817	4047	4078	23	30.0
122	Setto	1788	1789	4078	4082	23	30.0
123	Setto	154	159	158	153	23	110.0
124	Guscio	155	160	159	154	23	110.0
125	Setto	156	161	162	157	23	110.0
126	Setto	158	163	161	156	23	110.0
127	Setto	159	164	163	158	23	110.0
128	Guscio	160	165	164	159	23	110.0
129	Setto	161	166	167	162	23	110.0
130	Setto	163	168	166	161	23	110.0
131	Setto	164	169	168	163	23	110.0
132	Guscio	165	170	169	164	23	110.0
133	Setto	166	171	172	167	23	110.0
134	Setto	168	173	171	166	23	110.0
135	Setto	169	174	173	168	23	110.0
136	Guscio	170	175	174	169	23	110.0
137	Setto	176	3861	3862	177	23	110.0
138	Setto	178	3863	3861	176	23	110.0
139	Setto	179	3864	3863	178	23	110.0
140	Setto	180	2794	3864	179	23	110.0
141	Setto	1240	1792	569		23	30.0
142	Setto	289	1820	1275		23	30.0
143	Setto	184	179	178	183	23	110.0
144	Setto	185	180	179	184	23	110.0
145	Setto	4043	1792	1240	1245	23	30.0
146	Setto	4047	4043	1245	1250	23	30.0
147	Setto	189	184	183	188	23	110.0
148	Setto	190	185	184	189	23	110.0
149	Setto	4078	4047	1250	1255	23	30.0
150	Setto	4082	4078	1255	1285	23	30.0
151	Setto	194	189	188	193	23	110.0
152	Setto	195	190	189	194	23	110.0
153	Setto	196	191	192	197	23	110.0
154	Setto	198	193	191	196	23	110.0
155	Setto	199	194	193	198	23	110.0
156	Setto	200	195	194	199	23	110.0
157	Setto	201	196	197	202	23	110.0
158	Setto	203	198	196	201	23	110.0
159	Setto	204	199	198	203	23	110.0
160	Setto	205	200	199	204	23	110.0
161	Setto	206	201	202	207	23	110.0
162	Setto	208	203	201	206	23	110.0

163	Setto	209	204	203	208	23	110.0
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166	Setto	213	208	206	211	23	110.0
167	Setto	214	209	208	213	23	110.0
168	Setto	215	210	209	214	23	110.0
169	Setto	216	211	212	217	23	110.0
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171	Setto	219	214	213	218	23	110.0
172	Setto	220	215	214	219	23	110.0
173	Setto	221	216	217	222	23	110.0
174	Setto	223	218	216	221	23	110.0
175	Setto	224	219	218	223	23	110.0
176	Setto	225	220	219	224	23	110.0
177	Setto	226	221	222	227	23	110.0
178	Setto	228	223	221	226	23	110.0
179	Setto	229	224	223	228	23	110.0
180	Setto	230	225	224	229	23	110.0
181	Setto	4086	4082	1285	1264	23	30.0
182	Setto	4090	4086	1264	1265	23	30.0
183	Setto	234	229	228	233	23	110.0
184	Setto	235	230	229	234	23	110.0
185	Setto	4094	4090	1265	1270	23	30.0
186	Setto	1820	4094	1270	1275	23	30.0
187	Setto	239	234	233	238	23	110.0
188	Setto	240	235	234	239	23	110.0
189	Setto	4043	1837	1792		23	30.0
190	Setto	1817	1837	4043	4047	23	30.0
191	Setto	244	239	238	243	23	110.0
192	Setto	245	240	239	244	23	110.0
193	Setto	246	241	242	247	23	110.0
194	Setto	248	243	241	246	23	110.0
195	Setto	249	244	243	248	23	110.0
196	Setto	250	245	244	249	23	110.0
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198	Setto	253	248	246	251	23	110.0
199	Setto	254	249	248	253	23	110.0
200	Setto	255	250	249	254	23	110.0
201	Setto	256	251	252	257	23	110.0
202	Setto	258	253	251	256	23	110.0
203	Setto	259	254	253	258	23	110.0
204	Setto	260	255	254	259	23	110.0
205	Setto	3514	3617	3630	3535	23	145.0
206	Setto	3553	3680	3617	3514	23	145.0
207	Setto	3575	3699	3680	3553	23	145.0
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210	Setto	3680	3768	3765	3617	23	145.0
211	Setto	3699	3832	3768	3680	23	145.0
212	Setto	2082	2264	3832	3699	23	145.0
213	Setto	3765	3834	3835	3767	23	145.0
214	Setto	3768	3837	3834	3765	23	145.0
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216	Setto	2264	2753	3838	3832	23	145.0
217	Setto	3834	1421	1422	3835	23	145.0
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221	Setto	66	3848	263	67	23	165.0
222	Setto	68	268	3848	66	23	165.0
223	Setto	69	273	268	68	23	165.0
224	Setto	70	2297	273	69	23	165.0
225	Setto	3848	286	293	263	23	165.0
226	Setto	268	298	286	3848	23	165.0
227	Setto	273	303	298	268	23	165.0
228	Setto	2297	2319	303	273	23	165.0
229	Setto	286	313	318	293	23	165.0
230	Setto	298	323	313	286	23	165.0
231	Setto	303	663	323	298	23	165.0
232	Setto	2319	2249	663	303	23	165.0
233	Setto	3712	3714	713	712	23	25.0
234	Setto	3714	3716	714	713	23	25.0
235	Setto	663	2419	2243	323	23	165.0
236	Setto	2249	2254	2419	663	23	165.0
237	Setto	3716	3669	717	714	23	25.0
238	Setto	3669	3672	718	717	23	25.0
239	Setto	2419	3513	3061	2243	23	165.0

240	Setto	2254	2306	3513	2419	23	165.0
241	Setto	2749	3764	3833	2860	23	165.0
242	Setto	3061	3843	3764	2749	23	165.0
243	Setto	3513	278	3843	3061	23	165.0
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245	Setto	3764	702	2539	3833	23	165.0
246	Setto	3843	3576	702	3764	23	165.0
247	Setto	278	308	3576	3843	23	165.0
248	Setto	2282	2251	308	278	23	165.0
249	Setto	702	606	607	2539	23	165.0
250	Setto	3576	608	606	702	23	165.0
251	Setto	308	609	608	3576	23	165.0
252	Setto	3116	865	864	3398	23	125.0
253	Setto	866	324	325	867	23	125.0
254	Setto	868	3058	324	866	23	125.0
255	Setto	869	3398	3058	868	23	125.0
256	Setto	870	3116	3398	869	23	125.0
257	Setto	326	331	332	327	23	110.0
258	Setto	328	333	331	326	23	110.0
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305	Setto	391	326	327	392	23	110.0
306	Setto	393	328	326	391	23	110.0
307	Setto	394	329	328	393	23	110.0
308	Setto	395	330	329	394	23	110.0
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315	Setto	404	399	398	403	23	110.0
316	Setto	405	400	399	404	23	110.0

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319	Setto	409	404	403	408	23	110.0
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321	Setto	411	406	407	412	23	110.0
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327	Setto	419	414	413	418	23	110.0
328	Setto	420	415	414	419	23	110.0
329	Setto	416	421	422	417	23	110.0
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331	Setto	419	424	423	418	23	110.0
332	Setto	420	425	424	419	23	110.0
333	Setto	421	426	427	422	23	110.0
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337	Setto	426	431	432	427	23	110.0
338	Setto	428	433	431	426	23	110.0
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357	Setto	451	456	457	452	23	110.0
358	Setto	453	458	456	451	23	110.0
359	Setto	454	459	458	453	23	110.0
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364	Setto	460	465	464	459	23	110.0
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366	Setto	463	468	466	461	23	110.0
367	Setto	464	469	468	463	23	110.0
368	Setto	465	470	469	464	23	110.0
369	Setto	466	471	472	467	23	110.0
370	Setto	468	473	471	466	23	110.0
371	Setto	469	474	473	468	23	110.0
372	Setto	470	475	474	469	23	110.0
373	Setto	471	476	477	472	23	110.0
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375	Setto	474	479	478	473	23	110.0
376	Setto	475	480	479	474	23	110.0
377	Setto	712	713	846	883	23	25.0
378	Setto	713	714	847	846	23	25.0
379	Setto	714	717	848	847	23	25.0
380	Setto	480	485	484	479	23	110.0
381	Setto	717	718	4000	848	23	25.0
382	Setto	718	719	4001	4000	23	25.0
383	Setto	719	3676	3678	4001	23	25.0
384	Setto	485	490	489	484	23	110.0
385	Setto	486	491	492	487	23	110.0
386	Setto	488	493	491	486	23	110.0
387	Setto	489	494	493	488	23	110.0
388	Setto	490	495	494	489	23	110.0
389	Setto	491	496	497	492	23	110.0
390	Setto	493	498	496	491	23	110.0
391	Setto	494	499	498	493	23	110.0
392	Setto	495	500	499	494	23	110.0
393	Setto	496	501	502	497	23	110.0

394	Setto	498	503	501	496	23	110.0
395	Setto	499	504	503	498	23	110.0
396	Setto	500	505	504	499	23	110.0
397	Setto	501	506	507	502	23	110.0
398	Setto	503	508	506	501	23	110.0
399	Setto	504	509	508	503	23	110.0
400	Setto	505	510	509	504	23	110.0
401	Setto	847	848	1025	1030	23	25.0
402	Setto	848	4000	1020	1025	23	25.0
403	Setto	4000	4001	1015	1020	23	25.0
404	Setto	510	515	514	509	23	110.0
405	Setto	4001	3678	450	1015	23	25.0
406	Setto	3708	4002	882	3706	23	25.0
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408	Setto	515	520	519	514	23	110.0
409	Setto	516	521	522	517	23	110.0
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415	Setto	524	529	528	523	23	110.0
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417	Setto	526	531	532	527	23	110.0
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419	Setto	529	534	533	528	23	110.0
420	Setto	530	535	534	529	23	110.0
421	Setto	545	2937	385	380	23	110.0
422	Setto	546	545	380	375	23	110.0
423	Setto	548	546	375	370	23	110.0
424	Setto	549	548	370	365	23	110.0
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432	Setto	2837	2836	555		23	110.0
433	Setto	2836	2040	554	555	23	110.0
434	Setto	2841	2840	545	546	23	110.0
435	Setto	550	2843	549		23	110.0
436	Setto	551	2843	550		23	110.0
437	Setto	2018	2843	551	553	23	110.0
438	Setto	2040	2018	553	554	23	110.0
439	Setto	2843	2842	548	549	23	110.0
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441	Setto	563	562	561	564	23	100.0
442	Setto	566	565	562	563	23	100.0
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446	Setto	573	566	563	571	23	100.0
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455	Setto	584	579	578	583	23	100.0
456	Setto	585	580	579	584	23	100.0
457	Setto	534	597	596	533	23	100.0
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459	Setto	535	3055	598		23	100.0
460	Setto	4121	3053	560		23	100.0
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462	Setto	599	600	588	593	23	100.0
463	Setto	600	601	4146	588	23	100.0
464	Setto	601	602	4141	4146	23	100.0
465	Setto	602	603	4136	4141	23	100.0
466	Setto	603	604	4131	4136	23	100.0
467	Setto	604	605	4126	4131	23	100.0
468	Setto	605	3053	4121	4126	23	100.0
469	Setto	3055	3043	599		23	100.0
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472	Setto	2995	2992	602	601	23	100.0
473	Setto	2992	2993	603	602	23	100.0
474	Setto	2993	3021	604	603	23	100.0
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487	Setto	619	624	623	618	23	145.0
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517	Guscio	140	4432	3827	681	23	30.0
518	Guscio	682	690	662	3828	23	30.0
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520	Guscio	664	668	692		23	30.0
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523	Guscio	671	694	666		23	30.0
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531	Guscio	679	77	694	671	23	30.0
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536	Guscio	676	684	83	696	23	30.0
537	Guscio	677	697	84	645	23	30.0
538	Guscio	686	678	76	101	23	30.0
539	Guscio	160	165	77	679	23	30.0
540	Guscio	103	78	680	110	23	30.0
541	Guscio	135	140	681	79	23	30.0
542	Guscio	81	106	690	682	23	30.0
543	Guscio	82	683	625	107	23	30.0
544	Guscio	692	696	108		23	30.0
545	Setto	96	698	699	97	23	110.0
546	Setto	98	700	698	96	23	110.0
547	Setto	99	701	700	98	23	110.0

548	Setto	100	687	701	99	23	110.0
549	Setto	698	703	704	699	23	110.0
550	Setto	700	705	703	698	23	110.0
551	Setto	701	706	705	700	23	110.0
552	Setto	687	103	706	701	23	110.0
553	Setto	703	708	709	704	23	110.0
554	Setto	705	710	708	703	23	110.0
555	Setto	706	711	710	705	23	110.0
556	Setto	103	110	711	706	23	110.0
557	Setto	4084	4080	2677		23	70.0
558	Setto	4223	4219	2673		23	70.0
559	Setto	4088	4084	2677	4227	23	70.0
560	Setto	110	716	715	711	23	110.0
561	Setto	4092	4088	4227	4231	23	70.0
562	Setto	4096	4092	4231	121	23	70.0
563	Setto	4104	4096	121	117	23	70.0
564	Setto	716	721	720	715	23	110.0
565	Setto	4108	4104	117	542	23	70.0
566	Setto	4112	4108	542	4037	23	70.0
567	Setto	4116	4112	4037	4045	23	70.0
568	Setto	721	115	725	720	23	110.0
569	Setto	722	726	727	723	23	110.0
570	Setto	724	728	726	722	23	110.0
571	Setto	725	729	728	724	23	110.0
572	Setto	115	686	729	725	23	110.0
573	Setto	726	731	732	727	23	110.0
574	Setto	728	733	731	726	23	110.0
575	Setto	729	734	733	728	23	110.0
576	Setto	686	101	734	729	23	110.0
577	Setto	731	736	737	732	23	110.0
578	Setto	733	738	736	731	23	110.0
579	Setto	734	739	738	733	23	110.0
580	Setto	101	740	739	734	23	110.0
581	Setto	736	86	87	737	23	110.0
582	Setto	738	88	86	736	23	110.0
583	Setto	739	89	88	738	23	110.0
584	Setto	740	90	89	739	23	110.0
585	Setto	746	1735	1736	747	23	145.0
586	Setto	748	1834	1735	746	23	145.0
587	Setto	749	1846	1834	748	23	145.0
588	Guscio	749	1846	2635	750	23	145.0
589	Setto	751	746	747	752	23	145.0
590	Setto	753	748	746	751	23	145.0
591	Setto	754	749	748	753	23	145.0
592	Guscio	754	749	750	755	23	145.0
593	Setto	756	751	752	757	23	145.0
594	Setto	758	753	751	756	23	145.0
595	Setto	759	754	753	758	23	145.0
596	Guscio	759	754	755	760	23	145.0
597	Setto	761	756	757	762	23	145.0
598	Setto	763	758	756	761	23	145.0
599	Setto	764	759	758	763	23	145.0
600	Guscio	764	759	760	765	23	145.0
601	Setto	766	761	762	767	23	145.0
602	Setto	768	763	761	766	23	145.0
603	Setto	769	764	763	768	23	145.0
604	Guscio	769	764	765	770	23	145.0
605	Setto	771	766	767	772	23	145.0
606	Setto	773	768	766	771	23	145.0
607	Setto	774	769	768	773	23	145.0
608	Guscio	774	769	770	775	23	145.0
609	Setto	776	771	772	777	23	145.0
610	Setto	778	773	771	776	23	145.0
611	Setto	779	774	773	778	23	145.0
612	Guscio	779	774	775	780	23	145.0
613	Setto	781	776	777	782	23	145.0
614	Setto	783	778	776	781	23	145.0
615	Setto	784	779	778	783	23	145.0
616	Guscio	784	779	780	785	23	145.0
617	Setto	786	781	782	787	23	145.0
618	Setto	788	783	781	786	23	145.0
619	Setto	789	784	783	788	23	145.0
620	Guscio	789	784	785	790	23	145.0
621	Setto	791	786	787	792	23	145.0
622	Setto	793	788	786	791	23	145.0
623	Setto	794	789	788	793	23	145.0
624	Guscio	794	789	790	795	23	145.0

625	Setto	796	791	792	797	23	145.0
626	Setto	798	793	791	796	23	145.0
627	Setto	799	794	793	798	23	145.0
628	Guscio	799	794	795	800	23	145.0
629	Setto	656	796	797	657	23	145.0
630	Setto	658	798	796	656	23	145.0
631	Setto	659	799	798	658	23	145.0
632	Setto	660	800	799	659	23	145.0
633	Setto	801	556	557	802	23	125.0
634	Setto	803	558	556	801	23	125.0
635	Setto	804	559	558	803	23	125.0
636	Setto	805	560	559	804	23	125.0
637	Setto	806	801	802	807	23	125.0
638	Setto	808	803	801	806	23	125.0
639	Setto	809	804	803	808	23	125.0
640	Setto	810	805	804	809	23	125.0
641	Setto	811	806	807	812	23	125.0
642	Setto	813	808	806	811	23	125.0
643	Setto	814	809	808	813	23	125.0
644	Setto	815	810	809	814	23	125.0
645	Setto	816	811	812	817	23	125.0
646	Setto	818	813	811	816	23	125.0
647	Setto	819	814	813	818	23	125.0
648	Setto	820	815	814	819	23	125.0
649	Setto	821	816	817	822	23	125.0
650	Setto	823	818	816	821	23	125.0
651	Setto	824	819	818	823	23	125.0
652	Setto	825	820	819	824	23	125.0
653	Setto	826	821	822	827	23	125.0
654	Setto	828	823	821	826	23	125.0
655	Setto	829	824	823	828	23	125.0
656	Setto	830	825	824	829	23	125.0
657	Setto	831	826	827	832	23	125.0
658	Setto	833	828	826	831	23	125.0
659	Setto	834	829	828	833	23	125.0
660	Setto	835	830	829	834	23	125.0
661	Setto	836	831	832	837	23	125.0
662	Setto	838	833	831	836	23	125.0
663	Setto	839	834	833	838	23	125.0
664	Setto	840	835	834	839	23	125.0
665	Setto	841	836	837	842	23	125.0
666	Setto	843	838	836	841	23	125.0
667	Setto	844	839	838	843	23	125.0
668	Setto	845	840	839	844	23	125.0
669	Setto	1530	1525	4092	4096	23	70.0
670	Setto	1535	1530	4096	4104	23	70.0
671	Setto	1540	1535	4104	4108	23	70.0
672	Setto	850	845	844	849	23	125.0
673	Setto	1545	1540	4108	4112	23	70.0
674	Setto	1550	1545	4112	4116	23	70.0
675	Setto	1555	1550	4116	4219	23	70.0
676	Setto	855	850	849	854	23	125.0
677	Setto	856	851	852	857	23	125.0
678	Setto	858	853	851	856	23	125.0
679	Setto	859	854	853	858	23	125.0
680	Setto	860	855	854	859	23	125.0
681	Setto	861	856	857	862	23	125.0
682	Setto	863	858	856	861	23	125.0
683	Setto	864	859	858	863	23	125.0
684	Setto	865	860	859	864	23	125.0
685	Setto	324	861	862	325	23	125.0
686	Setto	3058	863	861	324	23	125.0
687	Setto	3398	864	863	3058	23	125.0
688	Setto	2251	610	609	308	23	165.0
689	Setto	871	866	867	872	23	125.0
690	Setto	873	868	866	871	23	125.0
691	Setto	874	869	868	873	23	125.0
692	Setto	875	870	869	874	23	125.0
693	Setto	876	871	872	877	23	125.0
694	Setto	878	873	871	876	23	125.0
695	Setto	879	874	873	878	23	125.0
696	Setto	880	875	874	879	23	125.0
697	Setto	2065	2045	4039	4049	23	30.0
698	Setto	2077	2065	4049		23	30.0
699	Setto	1510	745	2415	4080	23	70.0
700	Setto	885	880	879	884	23	125.0
701	Setto	1515	1510	4080	4084	23	70.0

702	Setto	1520	1515	4084	4088	23	70.0
703	Setto	1525	1520	4088	4092	23	70.0
704	Setto	890	885	884	889	23	125.0
705	Setto	891	886	887	892	23	125.0
706	Setto	893	888	886	891	23	125.0
707	Setto	894	889	888	893	23	125.0
708	Setto	895	890	889	894	23	125.0
709	Setto	896	891	892	897	23	125.0
710	Setto	898	893	891	896	23	125.0
711	Setto	899	894	893	898	23	125.0
712	Setto	900	895	894	899	23	125.0
713	Setto	901	896	897	902	23	125.0
714	Setto	903	898	896	901	23	125.0
715	Setto	904	899	898	903	23	125.0
716	Setto	905	900	899	904	23	125.0
717	Setto	906	901	902	907	23	125.0
718	Setto	908	903	901	906	23	125.0
719	Setto	909	904	903	908	23	125.0
720	Setto	910	905	904	909	23	125.0
721	Setto	911	906	907	912	23	125.0
722	Setto	913	908	906	911	23	125.0
723	Setto	914	909	908	913	23	125.0
724	Setto	915	910	909	914	23	125.0
725	Setto	4229	2063	2075		23	30.0
726	Setto	2043	2063	4229	4233	23	30.0
727	Setto	2015	2043	4233	123	23	30.0
728	Setto	920	915	914	919	23	125.0
729	Setto	2014	2015	123	538	23	30.0
730	Setto	2017	2014	538	552	23	30.0
731	Setto	2045	2017	552	4039	23	30.0
732	Setto	925	920	919	924	23	125.0
733	Setto	926	921	922	927	23	125.0
734	Setto	928	923	921	926	23	125.0
735	Setto	929	924	923	928	23	125.0
736	Setto	930	925	924	929	23	125.0
737	Setto	931	926	927	932	23	125.0
738	Setto	933	928	926	931	23	125.0
739	Setto	934	929	928	933	23	125.0
740	Setto	935	930	929	934	23	125.0
741	Setto	936	931	932	937	23	125.0
742	Setto	938	933	931	936	23	125.0
743	Setto	939	934	933	938	23	125.0
744	Setto	940	935	934	939	23	125.0
745	Setto	941	936	937	942	23	125.0
746	Setto	943	938	936	941	23	125.0
747	Setto	944	939	938	943	23	125.0
748	Setto	945	940	939	944	23	125.0
749	Setto	4102	1958	1913		23	30.0
750	Setto	1938	1958	4102	4106	23	30.0
751	Setto	1910	1938	4106	4110	23	30.0
752	Setto	950	945	944	949	23	125.0
753	Setto	1909	1910	4110	4114	23	30.0
754	Setto	1912	1909	4114	4217	23	30.0
755	Setto	1940	1912	4217	4221	23	30.0
756	Setto	955	950	949	954	23	125.0
757	Setto	1960	1940	4221	4225	23	30.0
758	Setto	1941	1960	4225		23	30.0
759	Setto	1340	2075	1330		23	30.0
760	Setto	960	955	954	959	23	125.0
761	Setto	1385	2077	1380		23	30.0
762	Setto	4229	2075	1340	1345	23	30.0
763	Setto	4233	4229	1345	1350	23	30.0
764	Setto	965	960	959	964	23	125.0
765	Setto	123	4233	1350	1355	23	30.0
766	Setto	538	123	1355	1360	23	30.0
767	Setto	552	538	1360	1365	23	30.0
768	Setto	970	965	964	969	23	125.0
769	Setto	4039	552	1365	1370	23	30.0
770	Setto	4049	4039	1370	1375	23	30.0
771	Setto	2077	4049	1375	1380	23	30.0
772	Setto	975	970	969	974	23	125.0
773	Setto	976	971	972	977	23	125.0
774	Setto	978	973	971	976	23	125.0
775	Setto	979	974	973	978	23	125.0
776	Setto	980	975	974	979	23	125.0
777	Setto	981	976	977	982	23	125.0
778	Setto	983	978	976	981	23	125.0

779	Setto	984	979	978	983	23	125.0
780	Setto	985	980	979	984	23	125.0
781	Setto	986	981	982	987	23	125.0
782	Setto	988	983	981	986	23	125.0
783	Setto	989	984	983	988	23	125.0
784	Setto	990	985	984	989	23	125.0
785	Setto	991	986	987	992	23	145.0
786	Setto	993	988	986	991	23	145.0
787	Setto	994	989	988	993	23	145.0
788	Setto	995	990	989	994	23	145.0
789	Setto	996	991	992	997	23	145.0
790	Setto	998	993	991	996	23	145.0
791	Setto	999	994	993	998	23	145.0
792	Setto	1000	995	994	999	23	145.0
793	Setto	1001	996	997	1002	23	145.0
794	Setto	1003	998	996	1001	23	145.0
795	Setto	1004	999	998	1003	23	145.0
796	Setto	1005	1000	999	1004	23	145.0
797	Setto	1006	1001	1002	1007	23	145.0
798	Setto	1008	1003	1001	1006	23	145.0
799	Setto	1009	1004	1003	1008	23	145.0
800	Setto	1010	1005	1004	1009	23	145.0
801	Setto	386	1006	1007	387	23	145.0
802	Setto	388	1008	1006	386	23	145.0
803	Setto	389	1009	1008	388	23	145.0
804	Setto	390	1010	1009	389	23	145.0
805	Setto	1011	446	447	1012	23	25.0
806	Setto	1013	448	446	1011	23	25.0
807	Setto	1014	449	448	1013	23	25.0
808	Setto	1015	450	449	1014	23	25.0
809	Setto	1016	1011	1012	1017	23	25.0
810	Setto	1018	1013	1011	1016	23	25.0
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812	Setto	1020	1015	1014	1019	23	25.0
813	Setto	1021	1016	1017	1022	23	25.0
814	Setto	1023	1018	1016	1021	23	25.0
815	Setto	1024	1019	1018	1023	23	25.0
816	Setto	1025	1020	1019	1024	23	25.0
817	Setto	1026	1021	1022	1027	23	25.0
818	Setto	1028	1023	1021	1026	23	25.0
819	Setto	1029	1024	1023	1028	23	25.0
820	Setto	1030	1025	1024	1029	23	25.0
821	Setto	1031	1026	1027	1032	23	25.0
822	Setto	1033	1028	1026	1031	23	25.0
823	Setto	1034	1029	1028	1033	23	25.0
824	Setto	1035	1030	1029	1034	23	25.0
825	Setto	1036	1031	1032	1037	23	25.0
826	Setto	1038	1033	1031	1036	23	25.0
827	Setto	1039	1034	1033	1038	23	25.0
828	Setto	1040	1035	1034	1039	23	25.0
829	Setto	1041	1036	1037	1042	23	25.0
830	Setto	1043	1038	1036	1041	23	25.0
831	Setto	1044	1039	1038	1043	23	25.0
832	Setto	1045	1040	1039	1044	23	25.0
833	Setto	581	1041	1042	582	23	25.0
834	Setto	583	1043	1041	581	23	25.0
835	Setto	584	1044	1043	583	23	25.0
836	Setto	585	1045	1044	584	23	25.0
837	Setto	1046	581	582	1047	23	25.0
838	Setto	1048	583	581	1046	23	25.0
839	Setto	1049	584	583	1048	23	25.0
840	Setto	1050	585	584	1049	23	25.0
841	Setto	1051	1046	1047	1052	23	25.0
842	Setto	1053	1048	1046	1051	23	25.0
843	Setto	1054	1049	1048	1053	23	25.0
844	Setto	1055	1050	1049	1054	23	25.0
845	Setto	1056	1051	1052	1057	23	25.0
846	Setto	1058	1053	1051	1056	23	25.0
847	Setto	1059	1054	1053	1058	23	25.0
848	Setto	1060	1055	1054	1059	23	25.0
849	Setto	1061	1056	1057	1062	23	25.0
850	Setto	1063	1058	1056	1061	23	25.0
851	Setto	1064	1059	1058	1063	23	25.0
852	Setto	1065	1060	1059	1064	23	25.0
853	Setto	1066	1061	1062	1067	23	25.0
854	Setto	1068	1063	1061	1066	23	25.0
855	Setto	1069	1064	1063	1068	23	25.0

856	Setto	1070	1065	1064	1069	23	25.0
857	Setto	1071	1066	1067	1072	23	25.0
858	Setto	1073	1068	1066	1071	23	25.0
859	Setto	1074	1069	1068	1073	23	25.0
860	Setto	1075	1070	1069	1074	23	25.0
861	Setto	1076	1071	1072	1077	23	25.0
862	Setto	1078	1073	1071	1076	23	25.0
863	Setto	1079	1074	1073	1078	23	25.0
864	Setto	1080	1075	1074	1079	23	25.0
865	Setto	1081	1076	1077	1082	23	25.0
866	Setto	1083	1078	1076	1081	23	25.0
867	Setto	1084	1079	1078	1083	23	25.0
868	Setto	1085	1080	1079	1084	23	25.0
869	Setto	1086	1081	1082	1087	23	25.0
870	Setto	1088	1083	1081	1086	23	25.0
871	Setto	1089	1084	1083	1088	23	25.0
872	Setto	1090	1085	1084	1089	23	25.0
873	Setto	1091	1086	1087	1092	23	25.0
874	Setto	1093	1088	1086	1091	23	25.0
875	Setto	1094	1089	1088	1093	23	25.0
876	Setto	1095	1090	1089	1094	23	25.0
877	Setto	1096	1091	1092	1097	23	25.0
878	Setto	1098	1093	1091	1096	23	25.0
879	Setto	1099	1094	1093	1098	23	25.0
880	Setto	1100	1095	1094	1099	23	25.0
881	Setto	1101	1096	1097	1102	23	25.0
882	Setto	1103	1098	1096	1101	23	25.0
883	Setto	1104	1099	1098	1103	23	25.0
884	Setto	1105	1100	1099	1104	23	25.0
885	Setto	1106	1101	1102	1107	23	25.0
886	Setto	1108	1103	1101	1106	23	25.0
887	Setto	1109	1104	1103	1108	23	25.0
888	Setto	1110	1105	1104	1109	23	25.0
889	Setto	1111	1106	1107	1112	23	25.0
890	Setto	1113	1108	1106	1111	23	25.0
891	Setto	1114	1109	1108	1113	23	25.0
892	Setto	1115	1110	1109	1114	23	25.0
893	Setto	1116	1111	1112	1117	23	25.0
894	Setto	1118	1113	1111	1116	23	25.0
895	Setto	1119	1114	1113	1118	23	25.0
896	Setto	1120	1115	1114	1119	23	25.0
897	Setto	1121	1116	1117	1122	23	25.0
898	Setto	1123	1118	1116	1121	23	25.0
899	Setto	1124	1119	1118	1123	23	25.0
900	Setto	1125	1120	1119	1124	23	25.0
901	Setto	1126	1121	1122	1127	23	25.0
902	Setto	1128	1123	1121	1126	23	25.0
903	Setto	1129	1124	1123	1128	23	25.0
904	Setto	1130	1125	1124	1129	23	25.0
905	Setto	1131	1126	1127	1132	23	25.0
906	Setto	1133	1128	1126	1131	23	25.0
907	Setto	1134	1129	1128	1133	23	25.0
908	Setto	1135	1130	1129	1134	23	25.0
909	Setto	1136	1131	1132	1137	23	25.0
910	Setto	1138	1133	1131	1136	23	25.0
911	Setto	1139	1134	1133	1138	23	25.0
912	Setto	1140	1135	1134	1139	23	25.0
913	Setto	1141	1136	1137	1142	23	25.0
914	Setto	1143	1138	1136	1141	23	25.0
915	Setto	1144	1139	1138	1143	23	25.0
916	Setto	1145	1140	1139	1144	23	25.0
917	Setto	1146	1141	1142	1147	23	25.0
918	Setto	1148	1143	1141	1146	23	25.0
919	Setto	1149	1144	1143	1148	23	25.0
920	Setto	1150	1145	1144	1149	23	25.0
921	Setto	1151	1146	1147	1152	23	25.0
922	Setto	1153	1148	1146	1151	23	25.0
923	Setto	1154	1149	1148	1153	23	25.0
924	Setto	1155	1150	1149	1154	23	25.0
925	Setto	1156	1151	1152	1157	23	25.0
926	Setto	1158	1153	1151	1156	23	25.0
927	Setto	1159	1154	1153	1158	23	25.0
928	Setto	1160	1155	1154	1159	23	25.0
929	Setto	1161	1156	1157	1162	23	25.0
930	Setto	1163	1158	1156	1161	23	25.0
931	Setto	1164	1159	1158	1163	23	25.0
932	Setto	1165	1160	1159	1164	23	25.0

933	Setto	1166	1161	1162	1167	23	25.0
934	Setto	1168	1163	1161	1166	23	25.0
935	Setto	1169	1164	1163	1168	23	25.0
936	Setto	1170	1165	1164	1169	23	25.0
937	Setto	1171	1166	1167	1172	23	25.0
938	Setto	1173	1168	1166	1171	23	25.0
939	Setto	1174	1169	1168	1173	23	25.0
940	Setto	1175	1170	1169	1174	23	25.0
941	Setto	1176	1171	1172	1177	23	25.0
942	Setto	1178	1173	1171	1176	23	25.0
943	Setto	1179	1174	1173	1178	23	25.0
944	Setto	1180	1175	1174	1179	23	25.0
945	Setto	1181	1176	1177	1182	23	25.0
946	Setto	1183	1178	1176	1181	23	25.0
947	Setto	1184	1179	1178	1183	23	25.0
948	Setto	1185	1180	1179	1184	23	25.0
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952	Setto	1190	1185	1184	1189	23	25.0
953	Setto	1191	1186	1187	1192	23	25.0
954	Setto	1193	1188	1186	1191	23	25.0
955	Setto	1194	1189	1188	1193	23	25.0
956	Setto	1195	1190	1189	1194	23	25.0
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958	Setto	1198	428	426	1196	23	30.0
959	Setto	1199	429	428	1198	23	30.0
960	Setto	1200	430	429	1199	23	30.0
961	Setto	1201	1196	1197	1202	23	30.0
962	Setto	1203	1198	1196	1201	23	30.0
963	Setto	1204	1199	1198	1203	23	30.0
964	Setto	1205	1200	1199	1204	23	30.0
965	Setto	1206	1201	1202	1207	23	30.0
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967	Setto	1209	1204	1203	1208	23	30.0
968	Guscio	1210	1205	1204	1209	23	30.0
969	Setto	3700	1667	540	543	23	30.0
970	Setto	1698	3700	543	4035	23	30.0
971	Setto	1218	1217	1215	1216	23	30.0
972	Setto	1220	1210	1217	1218	23	30.0
973	Setto	1718	1698	4035	4038	23	30.0
974	Setto	1730	1718	4038		23	30.0
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978	Setto	1228	1223	1221	1226	23	30.0
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985	Setto	562	1231	1232	561	23	30.0
986	Setto	565	1233	1231	562	23	30.0
987	Setto	567	1234	1233	565	23	30.0
988	Setto	569	1235	1234	567	23	30.0
989	Setto	1236	562	561	1237	23	30.0
990	Setto	1238	565	562	1236	23	30.0
991	Setto	1239	567	565	1238	23	30.0
992	Setto	1240	569	567	1239	23	30.0
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997	Setto	1246	1241	1242	1247	23	30.0
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1007	Setto	1263	1262	1260	1261	23	30.0
1008	Setto	1265	1264	1262	1263	23	30.0
1009	Setto	1266	1258	1259	1267	23	30.0

1010	Setto	1268	1261	1258	1266	23	30.0
1011	Setto	1269	1263	1261	1268	23	30.0
1012	Setto	1270	1265	1263	1269	23	30.0
1013	Setto	1271	1266	1267	1272	23	30.0
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1016	Setto	1275	1270	1269	1274	23	30.0
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1018	Setto	1278	1273	1271	1276	23	30.0
1019	Setto	1279	1274	1273	1278	23	30.0
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1021	Setto	4855	4583	4439	4858	23	125.0
1022	Setto	1696	1716	122	116	23	30.0
1023	Setto	1284	1254	1253	1283	23	30.0
1024	Setto	1285	1255	1254	1284	23	30.0
1025	Setto	1668	1696	116	118	23	30.0
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1027	Setto	1262	1284	1283	1260	23	30.0
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1041	Setto	1301	1296	1297	1302	23	30.0
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1061	Setto	4424	4894	4339	3455	23	125.0
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1063	Setto	1334	1304	1303	1333	23	30.0
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1065	Setto	4488	4413	4391	4477	23	125.0
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1067	Setto	1312	1334	1333	1310	23	30.0
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1080	Setto	1350	1345	1344	1349	23	30.0
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1082	Setto	1353	1348	1346	1351	23	30.0
1083	Setto	1354	1349	1348	1353	23	30.0
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1087	Setto	1359	1354	1353	1358	23	30.0
1088	Setto	1360	1355	1354	1359	23	30.0
1089	Setto	3672	3674	719	718	23	25.0
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1091	Setto	1364	1359	1358	1363	23	30.0
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1095	Setto	1369	1364	1363	1368	23	30.0
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1100	Setto	1375	1370	1369	1374	23	30.0
1101	Setto	1376	1371	1372	1377	23	30.0
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1103	Setto	1379	1374	1373	1378	23	30.0
1104	Setto	1380	1375	1374	1379	23	30.0
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1121	Setto	1401	1396	1397	1402	23	30.0
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1123	Setto	1404	1399	1398	1403	23	30.0
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1125	Setto	1406	1401	1402	1407	23	30.0
1126	Setto	1408	1403	1401	1406	23	30.0
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1137	Setto	606	1416	1417	607	23	30.0
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1217	Setto	1191	1501	1502	1192	23	125.0
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1231	Setto	1518	1513	1514	1519	23	70.0
1232	Setto	1519	1514	1515	1520	23	70.0
1233	Setto	1522	1517	1516	1521	23	70.0
1234	Setto	1521	1516	1518	1523	23	70.0
1235	Setto	1523	1518	1519	1524	23	70.0
1236	Setto	1524	1519	1520	1525	23	70.0
1237	Setto	1527	1522	1521	1526	23	70.0
1238	Setto	1526	1521	1523	1528	23	70.0
1239	Setto	1528	1523	1524	1529	23	70.0
1240	Setto	1529	1524	1525	1530	23	70.0

1241	Setto	1532	1527	1526	1531	23	70.0
1242	Setto	1531	1526	1528	1533	23	70.0
1243	Setto	1533	1528	1529	1534	23	70.0
1244	Setto	1534	1529	1530	1535	23	70.0
1245	Setto	1537	1532	1531	1536	23	70.0
1246	Setto	1536	1531	1533	1538	23	70.0
1247	Setto	1538	1533	1534	1539	23	70.0
1248	Setto	1539	1534	1535	1540	23	70.0
1249	Setto	1542	1537	1536	1541	23	70.0
1250	Setto	1541	1536	1538	1543	23	70.0
1251	Setto	1543	1538	1539	1544	23	70.0
1252	Setto	1544	1539	1540	1545	23	70.0
1253	Setto	1547	1542	1541	1546	23	70.0
1254	Setto	1546	1541	1543	1548	23	70.0
1255	Setto	1548	1543	1544	1549	23	70.0
1256	Setto	1549	1544	1545	1550	23	70.0
1257	Setto	1552	1547	1546	1551	23	70.0
1258	Setto	1551	1546	1548	1553	23	70.0
1259	Setto	1553	1548	1549	1554	23	70.0
1260	Setto	1554	1549	1550	1555	23	70.0
1261	Setto	1557	1552	1551	1556	23	70.0
1262	Setto	1556	1551	1553	1558	23	70.0
1263	Setto	1558	1553	1554	1559	23	70.0
1264	Setto	1559	1554	1555	1560	23	70.0
1265	Setto	257	1557	1556	256	23	70.0
1266	Setto	256	1556	1558	258	23	70.0
1267	Setto	258	1558	1559	259	23	70.0
1268	Setto	259	1559	1560	260	23	70.0
1269	Setto	171	3566	3693	172	23	110.0
1270	Setto	173	3744	3566	171	23	110.0
1271	Setto	174	661	3744	173	23	110.0
1272	Guscio	175	2340	661	174	23	110.0
1273	Setto	2281	2224	2227	2294	23	110.0
1274	Setto	2318	2237	2224	2281	23	110.0
1275	Setto	2509	2239	2237	2318	23	110.0
1276	Guscio	2551	2081	2239	2509	23	110.0
1277	Setto	2743	2281	2294	2765	23	110.0
1278	Setto	2774	2318	2281	2743	23	110.0
1279	Setto	2786	2509	2318	2774	23	110.0
1280	Guscio	2527	2551	2509	2786	23	110.0
1281	Setto	2835	2743	2765	2858	23	110.0
1282	Setto	2882	2774	2743	2835	23	110.0
1283	Setto	2885	2786	2774	2882	23	110.0
1284	Guscio	2503	2527	2786	2885	23	110.0
1285	Setto	2930	2835	2858	2935	23	110.0
1286	Setto	3836	2882	2835	2930	23	110.0
1287	Setto	3855	2885	2882	3836	23	110.0
1288	Guscio	2479	2503	2885	3855	23	110.0
1289	Setto	3865	2930	2935	3870	23	110.0
1290	Setto	3875	3836	2930	3865	23	110.0
1291	Setto	3880	3855	3836	3875	23	110.0
1292	Guscio	2455	2479	3855	3880	23	110.0
1293	Setto	1562	3865	3870	1567	23	110.0
1294	Setto	1572	3875	3865	1562	23	110.0
1295	Setto	1577	3880	3875	1572	23	110.0
1296	Guscio	2431	2455	3880	1577	23	110.0
1297	Setto	1587	1562	1567	1592	23	110.0
1298	Setto	1597	1572	1562	1587	23	110.0
1299	Setto	1602	1577	1572	1597	23	110.0
1300	Guscio	2407	2431	1577	1602	23	110.0
1301	Setto	1791	1788	4082	4086	23	30.0
1302	Setto	1819	1791	4086	4090	23	30.0
1303	Setto	1856	105	1615	1734	23	110.0
1304	Guscio	2647	2671	105	1856	23	110.0
1305	Setto	1839	1819	4090	4094	23	30.0
1306	Setto	1820	1839	4094		23	30.0
1307	Setto	3885	1856	1734	3860	23	110.0
1308	Guscio	2623	2647	1856	3885	23	110.0
1309	Setto	1290	1913	289		23	30.0
1310	Setto	1330	1941	1325		23	30.0
1311	Setto	1582	3885	3860	2575	23	110.0
1312	Guscio	2599	2623	3885	1582	23	110.0
1313	Setto	4102	1913	1290	1295	23	30.0
1314	Setto	4106	4102	1295	1300	23	30.0
1315	Setto	2239	1582	2575	2237	23	110.0
1316	Guscio	2081	2599	1582	2239	23	110.0
1317	Guscio	1617	1618	1616		23	30.0

1318	Guscio	1619	1617	1616		23	30.0
1319	Guscio	1621	1617	1620		23	30.0
1320	Guscio	1623	1622	1617		23	30.0
1321	Guscio	1621	1624	1617		23	30.0
1322	Guscio	1624	1623	1617		23	30.0
1323	Guscio	1617	1622	1618		23	30.0
1324	Guscio	1620	1617	1619		23	30.0
1325	Guscio	1618	1625	1626	1616	23	30.0
1326	Guscio	1619	1616	1628	1627	23	30.0
1327	Guscio	1629	1621	1620	1630	23	30.0
1328	Guscio	1631	1632	1622	1623	23	30.0
1329	Guscio	1633	1624	1621	1629	23	30.0
1330	Guscio	1634	1631	1623	1624	23	30.0
1331	Guscio	1622	1635	1625	1618	23	30.0
1332	Guscio	1620	1619	1627	1636	23	30.0
1333	Guscio	1625	1637	1638	1626	23	30.0
1334	Guscio	1627	1628	1640	1639	23	30.0
1335	Guscio	1641	1629	1630	1642	23	30.0
1336	Guscio	1643	1644	1632	1631	23	30.0
1337	Guscio	1645	1633	1629	1641	23	30.0
1338	Guscio	1646	1643	1631	1634	23	30.0
1339	Guscio	1635	1647	1637	1625	23	30.0
1340	Guscio	1636	1627	1639	1648	23	30.0
1341	Guscio	1637	1649	1650	1638	23	30.0
1342	Guscio	1639	1640	1652	1651	23	30.0
1343	Guscio	1653	1641	1642	1654	23	30.0
1344	Guscio	1655	1656	1644	1643	23	30.0
1345	Guscio	1657	1645	1641	1653	23	30.0
1346	Guscio	1658	1655	1643	1646	23	30.0
1347	Guscio	1647	1659	1649	1637	23	30.0
1348	Guscio	1648	1639	1651	1660	23	30.0
1349	Guscio	1649	1661	1662	1650	23	30.0
1350	Guscio	1651	1652	1664	1663	23	30.0
1351	Guscio	1665	1653	1654	1666	23	30.0
1352	Guscio	1667	1668	1656	1655	23	30.0
1353	Guscio	1669	1657	1653	1665	23	30.0
1354	Guscio	1670	1667	1655	1658	23	30.0
1355	Guscio	1659	1671	1661	1649	23	30.0
1356	Guscio	1660	1651	1663	1672	23	30.0
1357	Guscio	1616	1626	1673		23	30.0
1358	Guscio	1628	1616	1673		23	30.0
1359	Guscio	1630	1620	1674		23	30.0
1360	Guscio	1632	1675	1622		23	30.0
1361	Guscio	1633	1676	1624		23	30.0
1362	Guscio	1676	1634	1624		23	30.0
1363	Guscio	1622	1675	1635		23	30.0
1364	Guscio	1674	1620	1636		23	30.0
1365	Guscio	1626	1638	1677	1673	23	30.0
1366	Guscio	1628	1673	1678	1640	23	30.0
1367	Guscio	1642	1630	1674	1679	23	30.0
1368	Guscio	1644	1680	1675	1632	23	30.0
1369	Guscio	1681	1676	1633	1645	23	30.0
1370	Guscio	1682	1646	1634	1676	23	30.0
1371	Guscio	1675	1683	1647	1635	23	30.0
1372	Guscio	1674	1636	1648	1684	23	30.0
1373	Guscio	1638	1650	1685	1677	23	30.0
1374	Guscio	1640	1678	1686	1652	23	30.0
1375	Guscio	1654	1642	1679	1687	23	30.0
1376	Guscio	1656	1688	1680	1644	23	30.0
1377	Guscio	1689	1681	1645	1657	23	30.0
1378	Guscio	1690	1658	1646	1682	23	30.0
1379	Guscio	1683	1691	1659	1647	23	30.0
1380	Guscio	1684	1648	1660	1692	23	30.0
1381	Guscio	1650	1662	1693	1685	23	30.0
1382	Guscio	1652	1686	1694	1664	23	30.0
1383	Guscio	1666	1654	1687	1695	23	30.0
1384	Guscio	1668	1696	1688	1656	23	30.0
1385	Guscio	1697	1689	1657	1669	23	30.0
1386	Guscio	1698	1670	1658	1690	23	30.0
1387	Guscio	1691	1699	1671	1659	23	30.0
1388	Guscio	1692	1660	1672	1700	23	30.0
1389	Guscio	1673	1677	1701		23	30.0
1390	Guscio	1678	1673	1701		23	30.0
1391	Guscio	1679	1674	1702		23	30.0
1392	Guscio	1680	1703	1675		23	30.0
1393	Guscio	1681	1704	1676		23	30.0
1394	Guscio	1704	1682	1676		23	30.0

1395	Guscio	1675	1703	1683		23	30.0
1396	Guscio	1702	1674	1684		23	30.0
1397	Guscio	1677	1685	1705	1701	23	30.0
1398	Guscio	1678	1701	1706	1686	23	30.0
1399	Guscio	1687	1679	1702	1707	23	30.0
1400	Guscio	1688	1708	1703	1680	23	30.0
1401	Guscio	1709	1704	1681	1689	23	30.0
1402	Guscio	1710	1690	1682	1704	23	30.0
1403	Guscio	1703	1711	1691	1683	23	30.0
1404	Guscio	1702	1684	1692	1712	23	30.0
1405	Guscio	1685	1693	1713	1705	23	30.0
1406	Guscio	1686	1706	1714	1694	23	30.0
1407	Guscio	1695	1687	1707	1715	23	30.0
1408	Guscio	1696	1716	1708	1688	23	30.0
1409	Guscio	1717	1709	1689	1697	23	30.0
1410	Guscio	1718	1698	1690	1710	23	30.0
1411	Guscio	1711	1719	1699	1691	23	30.0
1412	Guscio	1712	1692	1700	1720	23	30.0
1413	Guscio	1701	1705	1721		23	30.0
1414	Guscio	1706	1701	1721		23	30.0
1415	Guscio	1707	1702	1722		23	30.0
1416	Guscio	1708	1723	1703		23	30.0
1417	Guscio	1709	1724	1704		23	30.0
1418	Guscio	1724	1710	1704		23	30.0
1419	Guscio	1703	1723	1711		23	30.0
1420	Guscio	1722	1702	1712		23	30.0
1421	Guscio	1705	1713	1725	1721	23	30.0
1422	Guscio	1706	1721	1726	1714	23	30.0
1423	Guscio	1715	1707	1722	1727	23	30.0
1424	Guscio	1716	1728	1723	1708	23	30.0
1425	Guscio	1729	1724	1709	1717	23	30.0
1426	Guscio	1730	1718	1710	1724	23	30.0
1427	Guscio	1723	1731	1719	1711	23	30.0
1428	Guscio	1722	1712	1720	1732	23	30.0
1429	Guscio	1721	1725	330		23	30.0
1430	Guscio	1726	1721	330		23	30.0
1431	Guscio	1727	1722	210		23	30.0
1432	Guscio	1728	430	1723		23	30.0
1433	Guscio	1729	569	1724		23	30.0
1434	Guscio	569	1730	1724		23	30.0
1435	Guscio	1723	430	1731		23	30.0
1436	Guscio	210	1722	1732		23	30.0
1437	Guscio	1738	1739	1737		23	30.0
1438	Guscio	1740	1738	1737		23	30.0
1439	Guscio	1742	1738	1741		23	30.0
1440	Guscio	1744	1743	1738		23	30.0
1441	Guscio	1742	1745	1738		23	30.0
1442	Guscio	1745	1744	1738		23	30.0
1443	Guscio	1738	1743	1739		23	30.0
1444	Guscio	1741	1738	1740		23	30.0
1445	Guscio	1739	1746	1747	1737	23	30.0
1446	Guscio	1740	1737	1749	1748	23	30.0
1447	Guscio	1750	1742	1741	1751	23	30.0
1448	Guscio	1752	1753	1743	1744	23	30.0
1449	Guscio	1754	1745	1742	1750	23	30.0
1450	Guscio	1755	1752	1744	1745	23	30.0
1451	Guscio	1743	1756	1746	1739	23	30.0
1452	Guscio	1741	1740	1748	1757	23	30.0
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1454	Guscio	1748	1749	1761	1760	23	30.0
1455	Guscio	1762	1750	1751	1763	23	30.0
1456	Guscio	1764	1765	1753	1752	23	30.0
1457	Guscio	1766	1754	1750	1762	23	30.0
1458	Guscio	1767	1764	1752	1755	23	30.0
1459	Guscio	1756	1768	1758	1746	23	30.0
1460	Guscio	1757	1748	1760	1769	23	30.0
1461	Guscio	1758	1770	1771	1759	23	30.0
1462	Guscio	1760	1761	1773	1772	23	30.0
1463	Guscio	1774	1762	1763	1775	23	30.0
1464	Guscio	1776	1777	1765	1764	23	30.0
1465	Guscio	1778	1766	1762	1774	23	30.0
1466	Guscio	1779	1776	1764	1767	23	30.0
1467	Guscio	1768	1780	1770	1758	23	30.0
1468	Guscio	1769	1760	1772	1781	23	30.0
1469	Guscio	1770	1665	1666	1771	23	30.0
1470	Guscio	1772	1773	1785	1784	23	30.0
1471	Guscio	1786	1774	1775	1787	23	30.0

1472	Guscio	1788	1789	1777	1776	23	30.0
1473	Guscio	1790	1778	1774	1786	23	30.0
1474	Guscio	1791	1788	1776	1779	23	30.0
1475	Guscio	1780	1669	1665	1770	23	30.0
1476	Guscio	1781	1772	1784	1793	23	30.0
1477	Guscio	1737	1747	1794		23	30.0
1478	Guscio	1749	1737	1794		23	30.0
1479	Guscio	1751	1741	1795		23	30.0
1480	Guscio	1753	1796	1743		23	30.0
1481	Guscio	1754	1797	1745		23	30.0
1482	Guscio	1797	1755	1745		23	30.0
1483	Guscio	1743	1796	1756		23	30.0
1484	Guscio	1795	1741	1757		23	30.0
1485	Guscio	1747	1759	1798	1794	23	30.0
1486	Guscio	1749	1794	1799	1761	23	30.0
1487	Guscio	1763	1751	1795	1800	23	30.0
1488	Guscio	1765	1801	1796	1753	23	30.0
1489	Guscio	1802	1797	1754	1766	23	30.0
1490	Guscio	1803	1767	1755	1797	23	30.0
1491	Guscio	1796	1804	1768	1756	23	30.0
1492	Guscio	1795	1757	1769	1805	23	30.0
1493	Guscio	1759	1771	1806	1798	23	30.0
1494	Guscio	1761	1799	1807	1773	23	30.0
1495	Guscio	1775	1763	1800	1808	23	30.0
1496	Guscio	1777	1809	1801	1765	23	30.0
1497	Guscio	1810	1802	1766	1778	23	30.0
1498	Guscio	1811	1779	1767	1803	23	30.0
1499	Guscio	1804	1812	1780	1768	23	30.0
1500	Guscio	1805	1769	1781	1813	23	30.0
1501	Guscio	1771	1666	1695	1806	23	30.0
1502	Guscio	1773	1807	1815	1785	23	30.0
1503	Guscio	1787	1775	1808	1816	23	30.0
1504	Guscio	1789	1817	1809	1777	23	30.0
1505	Guscio	1818	1810	1778	1790	23	30.0
1506	Guscio	1819	1791	1779	1811	23	30.0
1507	Guscio	1812	1697	1669	1780	23	30.0
1508	Guscio	1813	1781	1793	1821	23	30.0
1509	Guscio	1794	1798	1822		23	30.0
1510	Guscio	1799	1794	1822		23	30.0
1511	Guscio	1800	1795	1823		23	30.0
1512	Guscio	1801	1824	1796		23	30.0
1513	Guscio	1802	1825	1797		23	30.0
1514	Guscio	1825	1803	1797		23	30.0
1515	Guscio	1796	1824	1804		23	30.0
1516	Guscio	1823	1795	1805		23	30.0
1517	Guscio	1798	1806	1826	1822	23	30.0
1518	Guscio	1799	1822	1827	1807	23	30.0
1519	Guscio	1808	1800	1823	1828	23	30.0
1520	Guscio	1809	1829	1824	1801	23	30.0
1521	Guscio	1830	1825	1802	1810	23	30.0
1522	Guscio	1831	1811	1803	1825	23	30.0
1523	Guscio	1824	1832	1812	1804	23	30.0
1524	Guscio	1823	1805	1813	1833	23	30.0
1525	Guscio	1806	1695	1715	1826	23	30.0
1526	Guscio	1807	1827	1835	1815	23	30.0
1527	Guscio	1816	1808	1828	1836	23	30.0
1528	Guscio	1817	1837	1829	1809	23	30.0
1529	Guscio	1838	1830	1810	1818	23	30.0
1530	Guscio	1839	1819	1811	1831	23	30.0
1531	Guscio	1832	1717	1697	1812	23	30.0
1532	Guscio	1833	1813	1821	1841	23	30.0
1533	Guscio	1822	1826	281		23	30.0
1534	Guscio	1827	1822	281		23	30.0
1535	Guscio	1828	1823	282		23	30.0
1536	Guscio	1829	285	1824		23	30.0
1537	Guscio	1830	287	1825		23	30.0
1538	Guscio	287	1831	1825		23	30.0
1539	Guscio	1824	285	1832		23	30.0
1540	Guscio	282	1823	1833		23	30.0
1541	Guscio	1826	1715	1727	281	23	30.0
1542	Guscio	1827	281	1782	1835	23	30.0
1543	Guscio	1836	1828	282	1783	23	30.0
1544	Guscio	1837	1792	285	1829	23	30.0
1545	Guscio	1814	287	1830	1838	23	30.0
1546	Guscio	1820	1839	1831	287	23	30.0
1547	Guscio	285	1729	1717	1832	23	30.0
1548	Guscio	282	1833	1841	1840	23	30.0

1549	Guscio	281	1727	210		23	30.0
1550	Guscio	1782	281	210		23	30.0
1551	Guscio	1783	282	260		23	30.0
1552	Guscio	1792	569	285		23	30.0
1553	Guscio	1814	289	287		23	30.0
1554	Guscio	289	1820	287		23	30.0
1555	Guscio	285	569	1729		23	30.0
1556	Guscio	260	282	1840		23	30.0
1557	Guscio	1859	1860	1858		23	30.0
1558	Guscio	1861	1859	1858		23	30.0
1559	Guscio	1863	1859	1862		23	30.0
1560	Guscio	1865	1864	1859		23	30.0
1561	Guscio	1863	1866	1859		23	30.0
1562	Guscio	1866	1865	1859		23	30.0
1563	Guscio	1859	1864	1860		23	30.0
1564	Guscio	1862	1859	1861		23	30.0
1565	Guscio	1860	1867	1868	1858	23	30.0
1566	Guscio	1861	1858	1870	1869	23	30.0
1567	Guscio	1871	1863	1862	1872	23	30.0
1568	Guscio	1873	1874	1864	1865	23	30.0
1569	Guscio	1875	1866	1863	1871	23	30.0
1570	Guscio	1876	1873	1865	1866	23	30.0
1571	Guscio	1864	1877	1867	1860	23	30.0
1572	Guscio	1862	1861	1869	1878	23	30.0
1573	Guscio	1867	1879	1880	1868	23	30.0
1574	Guscio	1869	1870	1882	1881	23	30.0
1575	Guscio	1883	1871	1872	1884	23	30.0
1576	Guscio	1885	1886	1874	1873	23	30.0
1577	Guscio	1887	1875	1871	1883	23	30.0
1578	Guscio	1888	1885	1873	1876	23	30.0
1579	Guscio	1877	1889	1879	1867	23	30.0
1580	Guscio	1878	1869	1881	1890	23	30.0
1581	Guscio	1879	1891	1892	1880	23	30.0
1582	Guscio	1881	1882	1894	1893	23	30.0
1583	Guscio	1895	1883	1884	1896	23	30.0
1584	Guscio	1897	1898	1886	1885	23	30.0
1585	Guscio	1899	1887	1883	1895	23	30.0
1586	Guscio	1900	1897	1885	1888	23	30.0
1587	Guscio	1889	1901	1891	1879	23	30.0
1588	Guscio	1890	1881	1893	1902	23	30.0
1589	Guscio	1891	1786	1787	1892	23	30.0
1590	Guscio	1893	1894	1906	1905	23	30.0
1591	Guscio	1907	1895	1896	1908	23	30.0
1592	Guscio	1909	1910	1898	1897	23	30.0
1593	Guscio	1911	1899	1895	1907	23	30.0
1594	Guscio	1912	1909	1897	1900	23	30.0
1595	Guscio	1901	1790	1786	1891	23	30.0
1596	Guscio	1902	1893	1905	1914	23	30.0
1597	Guscio	1858	1868	1915		23	30.0
1598	Guscio	1870	1858	1915		23	30.0
1599	Guscio	1872	1862	1916		23	30.0
1600	Guscio	1874	1917	1864		23	30.0
1601	Guscio	1875	1918	1866		23	30.0
1602	Guscio	1918	1876	1866		23	30.0
1603	Guscio	1864	1917	1877		23	30.0
1604	Guscio	1916	1862	1878		23	30.0
1605	Guscio	1868	1880	1919	1915	23	30.0
1606	Guscio	1870	1915	1920	1882	23	30.0
1607	Guscio	1884	1872	1916	1921	23	30.0
1608	Guscio	1886	1922	1917	1874	23	30.0
1609	Guscio	1923	1918	1875	1887	23	30.0
1610	Guscio	1924	1888	1876	1918	23	30.0
1611	Guscio	1917	1925	1889	1877	23	30.0
1612	Guscio	1916	1878	1890	1926	23	30.0
1613	Guscio	1880	1892	1927	1919	23	30.0
1614	Guscio	1882	1920	1928	1894	23	30.0
1615	Guscio	1896	1884	1921	1929	23	30.0
1616	Guscio	1898	1930	1922	1886	23	30.0
1617	Guscio	1931	1923	1887	1899	23	30.0
1618	Guscio	1932	1900	1888	1924	23	30.0
1619	Guscio	1925	1933	1901	1889	23	30.0
1620	Guscio	1926	1890	1902	1934	23	30.0
1621	Guscio	1892	1787	1816	1927	23	30.0
1622	Guscio	1894	1928	1936	1906	23	30.0
1623	Guscio	1908	1896	1929	1937	23	30.0
1624	Guscio	1910	1938	1930	1898	23	30.0
1625	Guscio	1939	1931	1899	1911	23	30.0

1626	Guscio	1940	1912	1900	1932	23	30.0
1627	Guscio	1933	1818	1790	1901	23	30.0
1628	Guscio	1934	1902	1914	1942	23	30.0
1629	Guscio	1915	1919	1943		23	30.0
1630	Guscio	1920	1915	1943		23	30.0
1631	Guscio	1921	1916	1944		23	30.0
1632	Guscio	1922	1945	1917		23	30.0
1633	Guscio	1923	1946	1918		23	30.0
1634	Guscio	1946	1924	1918		23	30.0
1635	Guscio	1917	1945	1925		23	30.0
1636	Guscio	1944	1916	1926		23	30.0
1637	Guscio	1919	1927	1947	1943	23	30.0
1638	Guscio	1920	1943	1948	1928	23	30.0
1639	Guscio	1929	1921	1944	1949	23	30.0
1640	Guscio	1930	1950	1945	1922	23	30.0
1641	Guscio	1951	1946	1923	1931	23	30.0
1642	Guscio	1952	1932	1924	1946	23	30.0
1643	Guscio	1945	1953	1933	1925	23	30.0
1644	Guscio	1944	1926	1934	1954	23	30.0
1645	Guscio	1927	1816	1836	1947	23	30.0
1646	Guscio	1928	1948	1956	1936	23	30.0
1647	Guscio	1937	1929	1949	1957	23	30.0
1648	Guscio	1938	1958	1950	1930	23	30.0
1649	Guscio	1959	1951	1931	1939	23	30.0
1650	Guscio	1960	1940	1932	1952	23	30.0
1651	Guscio	1953	1838	1818	1933	23	30.0
1652	Guscio	1954	1934	1942	1962	23	30.0
1653	Guscio	1943	1947	1842		23	30.0
1654	Guscio	1948	1943	1842		23	30.0
1655	Guscio	1949	1944	1843		23	30.0
1656	Guscio	1950	1844	1945		23	30.0
1657	Guscio	1951	1845	1946		23	30.0
1658	Guscio	1845	1952	1946		23	30.0
1659	Guscio	1945	1844	1953		23	30.0
1660	Guscio	1843	1944	1954		23	30.0
1661	Guscio	1947	1836	1783	1842	23	30.0
1662	Guscio	1948	1842	1903	1956	23	30.0
1663	Guscio	1957	1949	1843	1904	23	30.0
1664	Guscio	1958	1913	1844	1950	23	30.0
1665	Guscio	1935	1845	1951	1959	23	30.0
1666	Guscio	1941	1960	1952	1845	23	30.0
1667	Guscio	1844	1814	1838	1953	23	30.0
1668	Guscio	1843	1954	1962	1961	23	30.0
1669	Guscio	1842	1783	260		23	30.0
1670	Guscio	1903	1842	260		23	30.0
1671	Guscio	1904	1843	1955		23	30.0
1672	Guscio	1913	289	1844		23	30.0
1673	Guscio	1935	1330	1845		23	30.0
1674	Guscio	1330	1941	1845		23	30.0
1675	Guscio	1844	289	1814		23	30.0
1676	Guscio	1955	1843	1961		23	30.0
1677	Guscio	1964	1965	1963		23	30.0
1678	Guscio	1966	1964	1963		23	30.0
1679	Guscio	1968	1964	1967		23	30.0
1680	Guscio	1970	1969	1964		23	30.0
1681	Guscio	1968	1971	1964		23	30.0
1682	Guscio	1971	1970	1964		23	30.0
1683	Guscio	1964	1969	1965		23	30.0
1684	Guscio	1967	1964	1966		23	30.0
1685	Guscio	1965	1972	1973	1963	23	30.0
1686	Guscio	1966	1963	1975	1974	23	30.0
1687	Guscio	1976	1968	1967	1977	23	30.0
1688	Guscio	1978	1979	1969	1970	23	30.0
1689	Guscio	1980	1971	1968	1976	23	30.0
1690	Guscio	1981	1978	1970	1971	23	30.0
1691	Guscio	1969	1982	1972	1965	23	30.0
1692	Guscio	1967	1966	1974	1983	23	30.0
1693	Guscio	1972	1984	1985	1973	23	30.0
1694	Guscio	1974	1975	1987	1986	23	30.0
1695	Guscio	1988	1976	1977	1989	23	30.0
1696	Guscio	1990	1991	1979	1978	23	30.0
1697	Guscio	1992	1980	1976	1988	23	30.0
1698	Guscio	1993	1990	1978	1981	23	30.0
1699	Guscio	1982	1994	1984	1972	23	30.0
1700	Guscio	1983	1974	1986	1995	23	30.0
1701	Guscio	1984	1996	1997	1985	23	30.0
1702	Guscio	1986	1987	1999	1998	23	30.0

1703	Guscio	2000	1988	1989	2001	23	30.0
1704	Guscio	2002	2003	1991	1990	23	30.0
1705	Guscio	2004	1992	1988	2000	23	30.0
1706	Guscio	2005	2002	1990	1993	23	30.0
1707	Guscio	1994	2006	1996	1984	23	30.0
1708	Guscio	1995	1986	1998	2007	23	30.0
1709	Guscio	1996	1907	1908	1997	23	30.0
1710	Guscio	1998	1999	2011	2010	23	30.0
1711	Guscio	2012	2000	2001	2013	23	30.0
1712	Guscio	2014	2015	2003	2002	23	30.0
1713	Guscio	2016	2004	2000	2012	23	30.0
1714	Guscio	2017	2014	2002	2005	23	30.0
1715	Guscio	2006	1911	1907	1996	23	30.0
1716	Guscio	2007	1998	2010	2019	23	30.0
1717	Guscio	1963	1973	2020		23	30.0
1718	Guscio	1975	1963	2020		23	30.0
1719	Guscio	1977	1967	2021		23	30.0
1720	Guscio	1979	2022	1969		23	30.0
1721	Guscio	1980	2023	1971		23	30.0
1722	Guscio	2023	1981	1971		23	30.0
1723	Guscio	1969	2022	1982		23	30.0
1724	Guscio	2021	1967	1983		23	30.0
1725	Guscio	1973	1985	2024	2020	23	30.0
1726	Guscio	1975	2020	2025	1987	23	30.0
1727	Guscio	1989	1977	2021	2026	23	30.0
1728	Guscio	1991	2027	2022	1979	23	30.0
1729	Guscio	2028	2023	1980	1992	23	30.0
1730	Guscio	2029	1993	1981	2023	23	30.0
1731	Guscio	2022	2030	1994	1982	23	30.0
1732	Guscio	2021	1983	1995	2031	23	30.0
1733	Guscio	1985	1997	2032	2024	23	30.0
1734	Guscio	1987	2025	2033	1999	23	30.0
1735	Guscio	2001	1989	2026	2034	23	30.0
1736	Guscio	2003	2035	2027	1991	23	30.0
1737	Guscio	2036	2028	1992	2004	23	30.0
1738	Guscio	2037	2005	1993	2029	23	30.0
1739	Guscio	2030	2038	2006	1994	23	30.0
1740	Guscio	2031	1995	2007	2039	23	30.0
1741	Guscio	1997	1908	1937	2032	23	30.0
1742	Guscio	1999	2033	2041	2011	23	30.0
1743	Guscio	2013	2001	2034	2042	23	30.0
1744	Guscio	2015	2043	2035	2003	23	30.0
1745	Guscio	2044	2036	2004	2016	23	30.0
1746	Guscio	2045	2017	2005	2037	23	30.0
1747	Guscio	2038	1939	1911	2006	23	30.0
1748	Guscio	2039	2007	2019	2047	23	30.0
1749	Guscio	2020	2024	2048		23	30.0
1750	Guscio	2025	2020	2048		23	30.0
1751	Guscio	2026	2021	2049		23	30.0
1752	Guscio	2027	2050	2022		23	30.0
1753	Guscio	2028	2051	2023		23	30.0
1754	Guscio	2051	2029	2023		23	30.0
1755	Guscio	2022	2050	2030		23	30.0
1756	Guscio	2049	2021	2031		23	30.0
1757	Guscio	2024	2032	2052	2048	23	30.0
1758	Guscio	2025	2048	2053	2033	23	30.0
1759	Guscio	2034	2026	2049	2054	23	30.0
1760	Guscio	2035	2055	2050	2027	23	30.0
1761	Guscio	2056	2051	2028	2036	23	30.0
1762	Guscio	2057	2037	2029	2051	23	30.0
1763	Guscio	2050	2058	2038	2030	23	30.0
1764	Guscio	2049	2031	2039	2059	23	30.0
1765	Guscio	2032	1937	1957	2052	23	30.0
1766	Guscio	2033	2053	2061	2041	23	30.0
1767	Guscio	2042	2034	2054	2062	23	30.0
1768	Guscio	2043	2063	2055	2035	23	30.0
1769	Guscio	2064	2056	2036	2044	23	30.0
1770	Guscio	2065	2045	2037	2057	23	30.0
1771	Guscio	2058	1959	1939	2038	23	30.0
1772	Guscio	2059	2039	2047	2067	23	30.0
1773	Guscio	2048	2052	2068		23	30.0
1774	Guscio	2053	2048	2068		23	30.0
1775	Guscio	2054	2049	2069		23	30.0
1776	Guscio	2055	2070	2050		23	30.0
1777	Guscio	2056	2071	2051		23	30.0
1778	Guscio	2071	2057	2051		23	30.0
1779	Guscio	2050	2070	2058		23	30.0

1780	Guscio	2069	2049	2059		23	30.0
1781	Guscio	2052	1957	1904	2068	23	30.0
1782	Guscio	2053	2068	2073	2061	23	30.0
1783	Guscio	2062	2054	2069	2074	23	30.0
1784	Guscio	2063	2075	2070	2055	23	30.0
1785	Guscio	2076	2071	2056	2064	23	30.0
1786	Guscio	2077	2065	2057	2071	23	30.0
1787	Guscio	2070	1935	1959	2058	23	30.0
1788	Guscio	2069	2059	2067	2079	23	30.0
1789	Guscio	2068	1904	1955		23	30.0
1790	Guscio	2073	2068	1955		23	30.0
1791	Guscio	2074	2069	2081		23	30.0
1792	Guscio	2075	1330	2070		23	30.0
1793	Guscio	2076	1385	2071		23	30.0
1794	Guscio	1385	2077	2071		23	30.0
1795	Guscio	2070	1330	1935		23	30.0
1796	Guscio	2081	2069	2079		23	30.0
1797	Guscio	2096	2097	2095		23	30.0
1798	Guscio	2098	2096	2095		23	30.0
1799	Guscio	2100	2096	2099		23	30.0
1800	Guscio	2102	2101	2096		23	30.0
1801	Guscio	2100	2103	2096		23	30.0
1802	Guscio	2103	2102	2096		23	30.0
1803	Guscio	2096	2101	2097		23	30.0
1804	Guscio	2099	2096	2098		23	30.0
1805	Guscio	2097	2104	2105	2095	23	30.0
1806	Guscio	2098	2095	2107	2106	23	30.0
1807	Guscio	2108	2100	2099	2109	23	30.0
1808	Guscio	2110	2111	2101	2102	23	30.0
1809	Guscio	2112	2103	2100	2108	23	30.0
1810	Guscio	2113	2110	2102	2103	23	30.0
1811	Guscio	2101	2114	2104	2097	23	30.0
1812	Guscio	2099	2098	2106	2115	23	30.0
1813	Guscio	2104	2116	2117	2105	23	30.0
1814	Guscio	2106	2107	2119	2118	23	30.0
1815	Guscio	2120	2108	2109	2121	23	30.0
1816	Guscio	2122	2123	2111	2110	23	30.0
1817	Guscio	2124	2112	2108	2120	23	30.0
1818	Guscio	2125	2122	2110	2113	23	30.0
1819	Guscio	2114	2126	2116	2104	23	30.0
1820	Guscio	2115	2106	2118	2127	23	30.0
1821	Guscio	2116	2128	2129	2117	23	30.0
1822	Guscio	2118	2119	2131	2130	23	30.0
1823	Guscio	2132	2120	2121	2133	23	30.0
1824	Guscio	2134	2135	2123	2122	23	30.0
1825	Guscio	2136	2124	2120	2132	23	30.0
1826	Guscio	2137	2134	2122	2125	23	30.0
1827	Guscio	2126	2138	2128	2116	23	30.0
1828	Guscio	2127	2118	2130	2139	23	30.0
1829	Guscio	2128	2012	2013	2129	23	30.0
1830	Guscio	2130	2131	2143	2142	23	30.0
1831	Guscio	2144	2132	2133	2145	23	30.0
1832	Guscio	2146	2147	2135	2134	23	30.0
1833	Guscio	2148	2136	2132	2144	23	30.0
1834	Guscio	2149	2146	2134	2137	23	30.0
1835	Guscio	2138	2016	2012	2128	23	30.0
1836	Guscio	2139	2130	2142	2151	23	30.0
1837	Guscio	2095	2105	2152		23	30.0
1838	Guscio	2107	2095	2152		23	30.0
1839	Guscio	2109	2099	2153		23	30.0
1840	Guscio	2111	2154	2101		23	30.0
1841	Guscio	2112	2155	2103		23	30.0
1842	Guscio	2155	2113	2103		23	30.0
1843	Guscio	2101	2154	2114		23	30.0
1844	Guscio	2153	2099	2115		23	30.0
1845	Guscio	2105	2117	2156	2152	23	30.0
1846	Guscio	2107	2152	2157	2119	23	30.0
1847	Guscio	2121	2109	2153	2158	23	30.0
1848	Guscio	2123	2159	2154	2111	23	30.0
1849	Guscio	2160	2155	2112	2124	23	30.0
1850	Guscio	2161	2125	2113	2155	23	30.0
1851	Guscio	2154	2162	2126	2114	23	30.0
1852	Guscio	2153	2115	2127	2163	23	30.0
1853	Guscio	2117	2129	2164	2156	23	30.0
1854	Guscio	2119	2157	2165	2131	23	30.0
1855	Guscio	2133	2121	2158	2166	23	30.0
1856	Guscio	2135	2167	2159	2123	23	30.0

1857	Guscio	2168	2160	2124	2136	23	30.0
1858	Guscio	2169	2137	2125	2161	23	30.0
1859	Guscio	2162	2170	2138	2126	23	30.0
1860	Guscio	2163	2127	2139	2171	23	30.0
1861	Guscio	2129	2013	2090	2164	23	30.0
1862	Guscio	2131	2165	2173	2143	23	30.0
1863	Guscio	2145	2133	2166	2174	23	30.0
1864	Guscio	2147	2175	2167	2135	23	30.0
1865	Guscio	2176	2168	2136	2148	23	30.0
1866	Guscio	2177	2149	2137	2169	23	30.0
1867	Guscio	2170	2091	2016	2138	23	30.0
1868	Guscio	2171	2139	2151	2179	23	30.0
1869	Guscio	2152	2156	2180		23	30.0
1870	Guscio	2157	2152	2180		23	30.0
1871	Guscio	2158	2153	2181		23	30.0
1872	Guscio	2159	2182	2154		23	30.0
1873	Guscio	2160	2183	2155		23	30.0
1874	Guscio	2183	2161	2155		23	30.0
1875	Guscio	2154	2182	2162		23	30.0
1876	Guscio	2181	2153	2163		23	30.0
1877	Guscio	2156	2164	2184	2180	23	30.0
1878	Guscio	2157	2180	2185	2165	23	30.0
1879	Guscio	2166	2158	2181	2186	23	30.0
1880	Guscio	2167	2187	2182	2159	23	30.0
1881	Guscio	2188	2183	2160	2168	23	30.0
1882	Guscio	2189	2169	2161	2183	23	30.0
1883	Guscio	2182	2190	2170	2162	23	30.0
1884	Guscio	2181	2163	2171	2191	23	30.0
1885	Guscio	2164	2090	2093	2184	23	30.0
1886	Guscio	2165	2185	2193	2173	23	30.0
1887	Guscio	2174	2166	2186	2194	23	30.0
1888	Guscio	2175	2195	2187	2167	23	30.0
1889	Guscio	2196	2188	2168	2176	23	30.0
1890	Guscio	2197	2177	2169	2189	23	30.0
1891	Guscio	2190	2094	2091	2170	23	30.0
1892	Guscio	2191	2171	2179	2199	23	30.0
1893	Guscio	2180	2184	2200		23	30.0
1894	Guscio	2185	2180	2200		23	30.0
1895	Guscio	2186	2181	2201		23	30.0
1896	Guscio	2187	2202	2182		23	30.0
1897	Guscio	2188	2203	2183		23	30.0
1898	Guscio	2203	2189	2183		23	30.0
1899	Guscio	2182	2202	2190		23	30.0
1900	Guscio	2201	2181	2191		23	30.0
1901	Guscio	2184	2093	2085	2200	23	30.0
1902	Guscio	2185	2200	2205	2193	23	30.0
1903	Guscio	2194	2186	2201	2206	23	30.0
1904	Guscio	2195	2207	2202	2187	23	30.0
1905	Guscio	2208	2203	2188	2196	23	30.0
1906	Guscio	2209	2197	2189	2203	23	30.0
1907	Guscio	2202	2089	2094	2190	23	30.0
1908	Guscio	2201	2191	2199	2211	23	30.0
1909	Guscio	2200	2085	2081		23	30.0
1910	Guscio	2205	2200	2081		23	30.0
1911	Guscio	2206	2201	175		23	30.0
1912	Guscio	2207	1385	2202		23	30.0
1913	Guscio	2208	610	2203		23	30.0
1914	Guscio	610	2209	2203		23	30.0
1915	Guscio	2202	1385	2089		23	30.0
1916	Guscio	175	2201	2211		23	30.0
1917	Guscio	2218	2145	2174	2219	23	30.0
1918	Guscio	2219	2174	2194	2221	23	30.0
1919	Guscio	2221	2194	2206	2223	23	30.0
1920	Guscio	2230	2311	2312	2231	23	30.0
1921	Guscio	2231	2312	2289	2313	23	30.0
1922	Guscio	2232	2313	2314	2233	23	30.0
1923	Guscio	2233	2314	2315	2234	23	30.0
1924	Guscio	2234	2315	2316	2235	23	30.0
1925	Guscio	2235	2316	2317	2236	23	30.0
1926	Guscio	2236	2317	4432	140	23	30.0
1927	Guscio	2326	2276	2277	2327	23	30.0
1928	Guscio	2327	2277	2278	2328	23	30.0
1929	Guscio	2328	2278	2279	2329	23	30.0
1930	Guscio	2329	2279	2280	2238	23	30.0
1931	Guscio	2238	2280	135	130	23	30.0
1932	Guscio	2304	2326	2327	2305	23	30.0
1933	Guscio	2305	2327	2328	2240	23	30.0

1934	Guscio	165	2225	175		23	30.0
1935	Guscio	2263	2148	2144		23	30.0
1936	Guscio	2218	2144	2145		23	30.0
1937	Guscio	2223	2206	2225		23	30.0
1938	Guscio	2263	2144	2218		23	30.0
1939	Guscio	2261	2176	2148	2263	23	30.0
1940	Guscio	2225	2206	175		23	30.0
1941	Guscio	2265	2218	2219	2266	23	30.0
1942	Guscio	2266	2219	2221	2267	23	30.0
1943	Guscio	2267	2221	2223	2268	23	30.0
1944	Guscio	2268	2223	2225	2269	23	30.0
1945	Guscio	2269	2225	165	160	23	30.0
1946	Guscio	2240	2328	2329	2241	23	30.0
1947	Guscio	2241	2329	2238	2242	23	30.0
1948	Guscio	2242	2238	130	100	23	30.0
1949	Guscio	2296	2299	2300	2244	23	30.0
1950	Guscio	2244	2300	2301	2245	23	30.0
1951	Guscio	2249	2254	2256	2250	23	30.0
1952	Guscio	2250	2256	2258	2271	23	30.0
1953	Guscio	2271	2258	2226	2272	23	30.0
1954	Guscio	2272	2226	2229	2273	23	30.0
1955	Guscio	2273	2229	2230	2274	23	30.0
1956	Guscio	2274	2230	2231	2275	23	30.0
1957	Guscio	2275	2231	2313	2232	23	30.0
1958	Guscio	2282	2251	2253	2283	23	30.0
1959	Guscio	2283	2253	2255	2284	23	30.0
1960	Guscio	2284	2255	2257	2285	23	30.0
1961	Guscio	2285	2257	2259	2286	23	30.0
1962	Guscio	2286	2259	2261	2287	23	30.0
1963	Guscio	2287	2261	2263	2288	23	30.0
1964	Guscio	2288	2263	2218	2265	23	30.0
1965	Guscio	2289	2265	2266	2290	23	30.0
1966	Guscio	2290	2266	2267	2291	23	30.0
1967	Guscio	2291	2267	2268	2292	23	30.0
1968	Guscio	2292	2268	2269	2293	23	30.0
1969	Guscio	2293	2269	160	155	23	30.0
1970	Guscio	2276	2232	2233	2277	23	30.0
1971	Guscio	2277	2233	2234	2278	23	30.0
1972	Guscio	2278	2234	2235	2279	23	30.0
1973	Guscio	2279	2235	2236	2280	23	30.0
1974	Guscio	2280	2236	140	135	23	30.0
1975	Guscio	2245	2301	2302	2246	23	30.0
1976	Guscio	2246	2302	2303	2247	23	30.0
1977	Guscio	2247	2303	2326	2304	23	30.0
1978	Guscio	70	2297	2298	2295	23	30.0
1979	Guscio	2295	2298	2299	2296	23	30.0
1980	Guscio	2297	2319	2320	2298	23	30.0
1981	Guscio	2298	2320	2321	2299	23	30.0
1982	Guscio	2306	2282	2283	2307	23	30.0
1983	Guscio	2307	2283	2284	2308	23	30.0
1984	Guscio	2308	2284	2285	2309	23	30.0
1985	Guscio	2309	2285	2286	2310	23	30.0
1986	Guscio	2310	2286	2287	2311	23	30.0
1987	Guscio	2311	2287	2288	2312	23	30.0
1988	Guscio	2312	2288	2265	2289	23	30.0
1989	Guscio	2313	2289	2290	2314	23	30.0
1990	Guscio	2314	2290	2291	2315	23	30.0
1991	Guscio	2315	2291	2292	2316	23	30.0
1992	Guscio	2316	2292	2293	2317	23	30.0
1993	Guscio	90	109	104		23	30.0
1994	Guscio	2299	2321	2322	2300	23	30.0
1995	Guscio	2300	2322	2323	2301	23	30.0
1996	Guscio	2301	2323	2324	2302	23	30.0
1997	Guscio	2302	2324	2325	2303	23	30.0
1998	Guscio	2303	2325	2276	2326	23	30.0
1999	Guscio	2319	2249	2250	2320	23	30.0
2000	Guscio	2320	2250	2271	2321	23	30.0
2001	Guscio	2321	2271	2272	2322	23	30.0
2002	Guscio	2322	2272	2273	2323	23	30.0
2003	Guscio	2323	2273	2274	2324	23	30.0
2004	Guscio	2324	2274	2275	2325	23	30.0
2005	Guscio	2325	2275	2232	2276	23	30.0
2006	Guscio	2254	2306	2307	2256	23	30.0
2007	Guscio	2256	2307	2308	2258	23	30.0
2008	Guscio	2258	2308	2309	2226	23	30.0
2009	Guscio	2226	2309	2310	2229	23	30.0
2010	Guscio	2229	2310	2311	2230	23	30.0

2011	Guscio	2259	2196	2176	2261	23	30.0
2012	Guscio	2251	610	2253		23	30.0
2013	Guscio	2259	2208	2196		23	30.0
2014	Guscio	2257	2208	2259		23	30.0
2015	Guscio	2253	610	2208	2255	23	30.0
2016	Guscio	2257	2255	2208		23	30.0
2017	Guscio	2333	2332	2331	2330	23	30.0
2018	Guscio	2335	2334	2332	2333	23	30.0
2019	Guscio	2337	2336	2334	2335	23	30.0
2020	Guscio	2339	2338	2336	2337	23	30.0
2021	Guscio	175	2340	2338	2339	23	30.0
2022	Guscio	2691	2715	2714	2690	23	30.0
2023	Guscio	2692	2716	2715	2691	23	30.0
2024	Guscio	2693	2717	2716	2692	23	30.0
2025	Guscio	2694	2718	2717	2693	23	30.0
2026	Guscio	2695	2719	2718	2694	23	30.0
2027	Guscio	2353	2579	2578	2730	23	30.0
2028	Guscio	2354	2632	2579	2353	23	30.0
2029	Guscio	2355	2633	2632	2354	23	30.0
2030	Guscio	2577	2464	2463	2576	23	30.0
2031	Guscio	2578	2673	2464	2577	23	30.0
2032	Guscio	2648	2698	2697	2634	23	30.0
2033	Guscio	2649	2699	2698	2648	23	30.0
2034	Guscio	2367	2366	800	660	23	30.0
2035	Guscio	2369	2368	2366	2367	23	30.0
2036	Guscio	2371	2370	2368	2369	23	30.0
2037	Guscio	2373	2372	2370	2371	23	30.0
2038	Guscio	2375	2374	2372	2373	23	30.0
2039	Guscio	2377	2376	2374	2375	23	30.0
2040	Guscio	2330	2331	2376	2377	23	30.0
2041	Guscio	2332	2379	2378	2331	23	30.0
2042	Guscio	2334	2380	2379	2332	23	30.0
2043	Guscio	2336	2381	2380	2334	23	30.0
2044	Guscio	2338	2382	2381	2336	23	30.0
2045	Guscio	2340	2383	2382	2338	23	30.0
2046	Guscio	2650	2700	2699	2649	23	30.0
2047	Guscio	2651	2701	2700	2650	23	30.0
2048	Guscio	2652	2702	2701	2651	23	30.0
2049	Guscio	2653	2703	2702	2652	23	30.0
2050	Guscio	2604	2654	2703	2653	23	30.0
2051	Guscio	2708	2732	2731	2707	23	30.0
2052	Guscio	2709	2342	2732	2708	23	30.0
2053	Guscio	2710	2343	2342	2709	23	30.0
2054	Guscio	2711	2344	2343	2710	23	30.0
2055	Guscio	2712	2345	2344	2711	23	30.0
2056	Guscio	2713	2346	2345	2712	23	30.0
2057	Guscio	2690	2714	2346	2713	23	30.0
2058	Guscio	2366	2396	795	800	23	30.0
2059	Guscio	2368	2397	2396	2366	23	30.0
2060	Guscio	2370	2398	2397	2368	23	30.0
2061	Guscio	2372	2399	2398	2370	23	30.0
2062	Guscio	2374	2400	2399	2372	23	30.0
2063	Guscio	2376	2401	2400	2374	23	30.0
2064	Guscio	2331	2378	2401	2376	23	30.0
2065	Guscio	2379	2403	2402	2378	23	30.0
2066	Guscio	2380	2404	2403	2379	23	30.0
2067	Guscio	2381	2405	2404	2380	23	30.0
2068	Guscio	2382	2406	2405	2381	23	30.0
2069	Guscio	2383	2407	2406	2382	23	30.0
2070	Guscio	2715	2348	2347	2714	23	30.0
2071	Guscio	2716	2349	2348	2715	23	30.0
2072	Guscio	2717	2350	2349	2716	23	30.0
2073	Guscio	2718	2351	2350	2717	23	30.0
2074	Guscio	2719	2352	2351	2718	23	30.0
2075	Guscio	2655	2705	2704	2654	23	30.0
2076	Guscio	2656	2706	2705	2655	23	30.0
2077	Guscio	2657	2720	2706	2656	23	30.0
2078	Guscio	2658	2721	2720	2657	23	30.0
2079	Guscio	2672	2722	2721	2658	23	30.0
2080	Guscio	2579	2674	2673	2578	23	30.0
2081	Guscio	2632	2675	2674	2579	23	30.0
2082	Guscio	2396	2420	790	795	23	30.0
2083	Guscio	2397	2421	2420	2396	23	30.0
2084	Guscio	2398	2422	2421	2397	23	30.0
2085	Guscio	2399	2423	2422	2398	23	30.0
2086	Guscio	2400	2424	2423	2399	23	30.0
2087	Guscio	2401	2425	2424	2400	23	30.0

2088	Guscio	2378	2402	2425	2401	23	30.0
2089	Guscio	2403	2427	2426	2402	23	30.0
2090	Guscio	2404	2428	2427	2403	23	30.0
2091	Guscio	2405	2429	2428	2404	23	30.0
2092	Guscio	2406	2430	2429	2405	23	30.0
2093	Guscio	2407	2431	2430	2406	23	30.0
2094	Guscio	2633	260	2675	2632	23	30.0
2095	Guscio	2433	2677	2416	2432	23	30.0
2096	Guscio	2460	2678	2677	2433	23	30.0
2097	Guscio	2581	2696	2682	2580	23	30.0
2098	Guscio	2582	2723	2696	2581	23	30.0
2099	Guscio	2732	2385	2384	2731	23	30.0
2100	Guscio	2342	2386	2385	2732	23	30.0
2101	Guscio	2343	2387	2386	2342	23	30.0
2102	Guscio	2344	2388	2387	2343	23	30.0
2103	Guscio	2345	2389	2388	2344	23	30.0
2104	Guscio	2346	2390	2389	2345	23	30.0
2105	Guscio	2714	2347	2390	2346	23	30.0
2106	Guscio	2420	2444	785	790	23	30.0
2107	Guscio	2421	2445	2444	2420	23	30.0
2108	Guscio	2422	2446	2445	2421	23	30.0
2109	Guscio	2423	2447	2446	2422	23	30.0
2110	Guscio	2424	2448	2447	2423	23	30.0
2111	Guscio	2425	2449	2448	2424	23	30.0
2112	Guscio	2402	2426	2449	2425	23	30.0
2113	Guscio	2427	2451	2450	2426	23	30.0
2114	Guscio	2428	2452	2451	2427	23	30.0
2115	Guscio	2429	2453	2452	2428	23	30.0
2116	Guscio	2430	2454	2453	2429	23	30.0
2117	Guscio	2431	2455	2454	2430	23	30.0
2118	Guscio	2348	2392	2391	2347	23	30.0
2119	Guscio	2349	2393	2392	2348	23	30.0
2120	Guscio	2350	2394	2393	2349	23	30.0
2121	Guscio	2351	2408	2394	2350	23	30.0
2122	Guscio	2352	2409	2408	2351	23	30.0
2123	Guscio	2583	2724	2723	2582	23	30.0
2124	Guscio	2610	2725	2724	2583	23	30.0
2125	Guscio	2624	2726	2725	2610	23	30.0
2126	Guscio	2625	2727	2726	2624	23	30.0
2127	Guscio	2511	2626	2727	2625	23	30.0
2128	Guscio	2698	2357	2356	2697	23	30.0
2129	Guscio	2699	2358	2357	2698	23	30.0
2130	Guscio	2444	2468	780	785	23	30.0
2131	Guscio	2445	2469	2468	2444	23	30.0
2132	Guscio	2446	2470	2469	2445	23	30.0
2133	Guscio	2447	2471	2470	2446	23	30.0
2134	Guscio	2448	2472	2471	2447	23	30.0
2135	Guscio	2449	2473	2472	2448	23	30.0
2136	Guscio	2426	2450	2473	2449	23	30.0
2137	Guscio	2451	2475	2474	2450	23	30.0
2138	Guscio	2452	2476	2475	2451	23	30.0
2139	Guscio	2453	2477	2476	2452	23	30.0
2140	Guscio	2454	2478	2477	2453	23	30.0
2141	Guscio	2455	2479	2478	2454	23	30.0
2142	Guscio	2700	2359	2358	2699	23	30.0
2143	Guscio	2701	2360	2359	2700	23	30.0
2144	Guscio	2702	2361	2360	2701	23	30.0
2145	Guscio	2703	2362	2361	2702	23	30.0
2146	Guscio	2654	2704	2362	2703	23	30.0
2147	Guscio	2385	2435	2434	2384	23	30.0
2148	Guscio	2386	2436	2435	2385	23	30.0
2149	Guscio	2387	2437	2436	2386	23	30.0
2150	Guscio	2388	2438	2437	2387	23	30.0
2151	Guscio	2389	2439	2438	2388	23	30.0
2152	Guscio	2390	2440	2439	2389	23	30.0
2153	Guscio	2347	2391	2440	2390	23	30.0
2154	Guscio	2468	2492	775	780	23	30.0
2155	Guscio	2469	2493	2492	2468	23	30.0
2156	Guscio	2470	2494	2493	2469	23	30.0
2157	Guscio	2471	2495	2494	2470	23	30.0
2158	Guscio	2472	2496	2495	2471	23	30.0
2159	Guscio	2473	2497	2496	2472	23	30.0
2160	Guscio	2450	2474	2497	2473	23	30.0
2161	Guscio	2475	2499	2498	2474	23	30.0
2162	Guscio	2476	2500	2499	2475	23	30.0
2163	Guscio	2477	2501	2500	2476	23	30.0
2164	Guscio	2478	2502	2501	2477	23	30.0

2165	Guscio	2479	2503	2502	2478	23	30.0
2166	Guscio	2392	2442	2441	2391	23	30.0
2167	Guscio	2393	2456	2442	2392	23	30.0
2168	Guscio	2394	2457	2456	2393	23	30.0
2169	Guscio	2408	2458	2457	2394	23	30.0
2170	Guscio	2409	2459	2458	2408	23	30.0
2171	Guscio	2705	2410	2363	2704	23	30.0
2172	Guscio	2706	2411	2410	2705	23	30.0
2173	Guscio	2720	2412	2411	2706	23	30.0
2174	Guscio	2721	2413	2412	2720	23	30.0
2175	Guscio	2722	2414	2413	2721	23	30.0
2176	Guscio	2627	2729	2728	2626	23	30.0
2177	Guscio	2628	2730	2729	2627	23	30.0
2178	Guscio	2492	2516	770	775	23	30.0
2179	Guscio	2493	2517	2516	2492	23	30.0
2180	Guscio	2494	2518	2517	2493	23	30.0
2181	Guscio	2495	2519	2518	2494	23	30.0
2182	Guscio	2496	2520	2519	2495	23	30.0
2183	Guscio	2497	2521	2520	2496	23	30.0
2184	Guscio	2474	2498	2521	2497	23	30.0
2185	Guscio	2499	2523	2522	2498	23	30.0
2186	Guscio	2500	2524	2523	2499	23	30.0
2187	Guscio	2501	2525	2524	2500	23	30.0
2188	Guscio	2502	2526	2525	2501	23	30.0
2189	Guscio	2503	2527	2526	2502	23	30.0
2190	Guscio	2629	2353	2730	2628	23	30.0
2191	Guscio	2630	2354	2353	2629	23	30.0
2192	Guscio	2631	2355	2354	2630	23	30.0
2193	Guscio	2461	2679	2678	2460	23	30.0
2194	Guscio	2462	2680	2679	2461	23	30.0
2195	Guscio	2435	2485	2484	2434	23	30.0
2196	Guscio	2436	2486	2485	2435	23	30.0
2197	Guscio	2437	2487	2486	2436	23	30.0
2198	Guscio	2438	2488	2487	2437	23	30.0
2199	Guscio	2439	2489	2488	2438	23	30.0
2200	Guscio	2440	2490	2489	2439	23	30.0
2201	Guscio	2391	2441	2490	2440	23	30.0
2202	Guscio	2516	2540	765	770	23	30.0
2203	Guscio	2517	2541	2540	2516	23	30.0
2204	Guscio	2518	2542	2541	2517	23	30.0
2205	Guscio	2519	2543	2542	2518	23	30.0
2206	Guscio	2520	2544	2543	2519	23	30.0
2207	Guscio	2521	2545	2544	2520	23	30.0
2208	Guscio	2498	2522	2545	2521	23	30.0
2209	Guscio	2523	2547	2546	2522	23	30.0
2210	Guscio	2524	2548	2547	2523	23	30.0
2211	Guscio	2525	2549	2548	2524	23	30.0
2212	Guscio	2526	2550	2549	2525	23	30.0
2213	Guscio	2527	2551	2550	2526	23	30.0
2214	Guscio	2442	2505	2504	2441	23	30.0
2215	Guscio	2456	2506	2505	2442	23	30.0
2216	Guscio	2457	2507	2506	2456	23	30.0
2217	Guscio	2458	2508	2507	2457	23	30.0
2218	Guscio	2459	1955	2508	2458	23	30.0
2219	Guscio	2576	2463	2680	2462	23	30.0
2220	Guscio	2418	2415	745	2417	23	30.0
2221	Guscio	2432	2416	2415	2418	23	30.0
2222	Guscio	2531	2418	2417	2530	23	30.0
2223	Guscio	2532	2432	2418	2531	23	30.0
2224	Guscio	2357	2466	2465	2356	23	30.0
2225	Guscio	2358	2480	2466	2357	23	30.0
2226	Guscio	2540	2564	760	765	23	30.0
2227	Guscio	2541	2565	2564	2540	23	30.0
2228	Guscio	2542	2566	2565	2541	23	30.0
2229	Guscio	2543	2567	2566	2542	23	30.0
2230	Guscio	2544	2568	2567	2543	23	30.0
2231	Guscio	2545	2569	2568	2544	23	30.0
2232	Guscio	2522	2546	2569	2545	23	30.0
2233	Guscio	2547	2571	2570	2546	23	30.0
2234	Guscio	2548	2572	2571	2547	23	30.0
2235	Guscio	2549	2573	2572	2548	23	30.0
2236	Guscio	2550	2574	2573	2549	23	30.0
2237	Guscio	2551	2081	2574	2550	23	30.0
2238	Guscio	2359	2481	2480	2358	23	30.0
2239	Guscio	2360	2482	2481	2359	23	30.0
2240	Guscio	2361	2483	2482	2360	23	30.0
2241	Guscio	2362	2510	2483	2361	23	30.0

2242	Guscio	2704	2363	2510	2362	23	30.0
2243	Guscio	2485	2535	2534	2484	23	30.0
2244	Guscio	2486	2536	2535	2485	23	30.0
2245	Guscio	2487	2537	2536	2486	23	30.0
2246	Guscio	2488	2538	2537	2487	23	30.0
2247	Guscio	2489	2552	2538	2488	23	30.0
2248	Guscio	2490	2553	2552	2489	23	30.0
2249	Guscio	2441	2504	2553	2490	23	30.0
2250	Guscio	2564	2588	755	760	23	30.0
2251	Guscio	2565	2589	2588	2564	23	30.0
2252	Guscio	2566	2590	2589	2565	23	30.0
2253	Guscio	2567	2591	2590	2566	23	30.0
2254	Guscio	2568	2592	2591	2567	23	30.0
2255	Guscio	2569	2593	2592	2568	23	30.0
2256	Guscio	2546	2570	2593	2569	23	30.0
2257	Guscio	2571	2595	2594	2570	23	30.0
2258	Guscio	2572	2596	2595	2571	23	30.0
2259	Guscio	2573	2597	2596	2572	23	30.0
2260	Guscio	2574	2598	2597	2573	23	30.0
2261	Guscio	2081	2599	2598	2574	23	30.0
2262	Guscio	2505	2555	2554	2504	23	30.0
2263	Guscio	2506	2556	2555	2505	23	30.0
2264	Guscio	2507	2557	2556	2506	23	30.0
2265	Guscio	2508	2558	2557	2507	23	30.0
2266	Guscio	1955	2559	2558	2508	23	30.0
2267	Guscio	2410	2512	2511	2363	23	30.0
2268	Guscio	2411	2513	2512	2410	23	30.0
2269	Guscio	2412	2514	2513	2411	23	30.0
2270	Guscio	2413	2528	2514	2412	23	30.0
2271	Guscio	2414	2529	2528	2413	23	30.0
2272	Guscio	2533	2433	2432	2532	23	30.0
2273	Guscio	2560	2460	2433	2533	23	30.0
2274	Guscio	2588	2612	750	755	23	30.0
2275	Guscio	2589	2613	2612	2588	23	30.0
2276	Guscio	2590	2614	2613	2589	23	30.0
2277	Guscio	2591	2615	2614	2590	23	30.0
2278	Guscio	2592	2616	2615	2591	23	30.0
2279	Guscio	2593	2617	2616	2592	23	30.0
2280	Guscio	2570	2594	2617	2593	23	30.0
2281	Guscio	2595	2619	2618	2594	23	30.0
2282	Guscio	2596	2620	2619	2595	23	30.0
2283	Guscio	2597	2621	2620	2596	23	30.0
2284	Guscio	2598	2622	2621	2597	23	30.0
2285	Guscio	2599	2623	2622	2598	23	30.0
2286	Guscio	2561	2461	2460	2560	23	30.0
2287	Guscio	2562	2462	2461	2561	23	30.0
2288	Guscio	2728	2576	2462	2562	23	30.0
2289	Guscio	2696	2531	2530	2682	23	30.0
2290	Guscio	2723	2532	2531	2696	23	30.0
2291	Guscio	2535	2585	2584	2534	23	30.0
2292	Guscio	2536	2586	2585	2535	23	30.0
2293	Guscio	2537	2600	2586	2536	23	30.0
2294	Guscio	2538	2601	2600	2537	23	30.0
2295	Guscio	2552	2602	2601	2538	23	30.0
2296	Guscio	2553	2603	2602	2552	23	30.0
2297	Guscio	2504	2554	2603	2553	23	30.0
2298	Guscio	2612	2636	2635	750	23	30.0
2299	Guscio	2613	2637	2636	2612	23	30.0
2300	Guscio	2614	2638	2637	2613	23	30.0
2301	Guscio	2615	2639	2638	2614	23	30.0
2302	Guscio	2616	2640	2639	2615	23	30.0
2303	Guscio	2617	2641	2640	2616	23	30.0
2304	Guscio	2594	2618	2641	2617	23	30.0
2305	Guscio	2619	2643	2642	2618	23	30.0
2306	Guscio	2620	2644	2643	2619	23	30.0
2307	Guscio	2621	2645	2644	2620	23	30.0
2308	Guscio	2622	2646	2645	2621	23	30.0
2309	Guscio	2623	2647	2646	2622	23	30.0
2310	Guscio	2555	2605	2604	2554	23	30.0
2311	Guscio	2556	2606	2605	2555	23	30.0
2312	Guscio	2557	2607	2606	2556	23	30.0
2313	Guscio	2558	2608	2607	2557	23	30.0
2314	Guscio	2559	2609	2608	2558	23	30.0
2315	Guscio	2724	2533	2532	2723	23	30.0
2316	Guscio	2725	2560	2533	2724	23	30.0
2317	Guscio	2726	2561	2560	2725	23	30.0
2318	Guscio	2727	2562	2561	2726	23	30.0

2319	Guscio	2626	2728	2562	2727	23	30.0
2320	Guscio	2466	2581	2580	2465	23	30.0
2321	Guscio	2480	2582	2581	2466	23	30.0
2322	Guscio	2636	2660	2659	2635	23	30.0
2323	Guscio	2637	2661	2660	2636	23	30.0
2324	Guscio	2638	2662	2661	2637	23	30.0
2325	Guscio	2639	2663	2662	2638	23	30.0
2326	Guscio	2640	2664	2663	2639	23	30.0
2327	Guscio	2641	2665	2664	2640	23	30.0
2328	Guscio	2618	2642	2665	2641	23	30.0
2329	Guscio	2643	2667	2666	2642	23	30.0
2330	Guscio	2644	2668	2667	2643	23	30.0
2331	Guscio	2645	2669	2668	2644	23	30.0
2332	Guscio	2646	2670	2669	2645	23	30.0
2333	Guscio	2647	2671	2670	2646	23	30.0
2334	Guscio	2481	2583	2582	2480	23	30.0
2335	Guscio	2482	2610	2583	2481	23	30.0
2336	Guscio	2483	2624	2610	2482	23	30.0
2337	Guscio	2510	2625	2624	2483	23	30.0
2338	Guscio	2363	2511	2625	2510	23	30.0
2339	Guscio	2585	2648	2634	2584	23	30.0
2340	Guscio	2586	2649	2648	2585	23	30.0
2341	Guscio	2600	2650	2649	2586	23	30.0
2342	Guscio	2601	2651	2650	2600	23	30.0
2343	Guscio	2602	2652	2651	2601	23	30.0
2344	Guscio	2603	2653	2652	2602	23	30.0
2345	Guscio	2554	2604	2653	2603	23	30.0
2346	Guscio	2660	2684	2683	2659	23	30.0
2347	Guscio	2661	2685	2684	2660	23	30.0
2348	Guscio	2662	2686	2685	2661	23	30.0
2349	Guscio	2663	2687	2686	2662	23	30.0
2350	Guscio	2664	2688	2687	2663	23	30.0
2351	Guscio	2665	2689	2688	2664	23	30.0
2352	Guscio	2642	2666	2689	2665	23	30.0
2353	Guscio	2667	2691	2690	2666	23	30.0
2354	Guscio	2668	2692	2691	2667	23	30.0
2355	Guscio	2669	2693	2692	2668	23	30.0
2356	Guscio	2670	2694	2693	2669	23	30.0
2357	Guscio	2671	2695	2694	2670	23	30.0
2358	Guscio	2605	2655	2654	2604	23	30.0
2359	Guscio	2606	2656	2655	2605	23	30.0
2360	Guscio	2607	2657	2656	2606	23	30.0
2361	Guscio	2608	2658	2657	2607	23	30.0
2362	Guscio	2609	2672	2658	2608	23	30.0
2363	Guscio	2512	2627	2626	2511	23	30.0
2364	Guscio	2513	2628	2627	2512	23	30.0
2365	Guscio	2514	2629	2628	2513	23	30.0
2366	Guscio	2528	2630	2629	2514	23	30.0
2367	Guscio	2529	2631	2630	2528	23	30.0
2368	Guscio	2729	2577	2576	2728	23	30.0
2369	Guscio	2730	2578	2577	2729	23	30.0
2370	Guscio	2684	2708	2707	2683	23	30.0
2371	Guscio	2685	2709	2708	2684	23	30.0
2372	Guscio	2686	2710	2709	2685	23	30.0
2373	Guscio	2687	2711	2710	2686	23	30.0
2374	Guscio	2688	2712	2711	2687	23	30.0
2375	Guscio	2689	2713	2712	2688	23	30.0
2376	Guscio	2666	2690	2713	2689	23	30.0
2377	Guscio	2464	2735	2734	2463	23	30.0
2378	Guscio	2673	2737	2735	2464	23	30.0
2379	Guscio	2674	2739	2737	2673	23	30.0
2380	Guscio	2675	2741	2739	2674	23	30.0
2381	Guscio	260	255	2741	2675	23	30.0
2382	Guscio	2178	2744	2742	2172	23	30.0
2383	Guscio	2192	2768	2744	2178	23	30.0
2384	Guscio	2198	2770	2768	2192	23	30.0
2385	Guscio	2204	2772	2770	2198	23	30.0
2386	Guscio	210	205	2772	2204	23	30.0
2387	Guscio	2931	2216	2214	2917	23	30.0
2388	Guscio	2932	2217	2216	2931	23	30.0
2389	Guscio	2933	2220	2217	2932	23	30.0
2390	Guscio	2934	2222	2220	2933	23	30.0
2391	Guscio	185	180	2222	2934	23	30.0
2392	Guscio	2262	2087	2940	2260	23	30.0
2393	Guscio	2776	1857	2087	2262	23	30.0
2394	Guscio	2415	2769	2767	745	23	30.0
2395	Guscio	2416	2771	2769	2415	23	30.0

2396	Guscio	2677	2773	2771	2416	23	30.0
2397	Guscio	2678	2775	2773	2677	23	30.0
2398	Guscio	2679	2777	2775	2678	23	30.0
2399	Guscio	2680	2779	2777	2679	23	30.0
2400	Guscio	2463	2734	2779	2680	23	30.0
2401	Guscio	2735	2782	2781	2734	23	30.0
2402	Guscio	2737	2783	2782	2735	23	30.0
2403	Guscio	2739	2784	2783	2737	23	30.0
2404	Guscio	2741	2785	2784	2739	23	30.0
2405	Guscio	255	250	2785	2741	23	30.0
2406	Guscio	2778	2008	1857	2776	23	30.0
2407	Guscio	2780	2009	2008	2778	23	30.0
2408	Guscio	2891	2745	2009	2780	23	30.0
2409	Guscio	2859	2252	1455	1450	23	30.0
2410	Guscio	2886	2260	2252	2859	23	30.0
2411	Guscio	2341	2754	2753	2264	23	30.0
2412	Guscio	2676	2755	2754	2341	23	30.0
2413	Guscio	2733	2756	2755	2676	23	30.0
2414	Guscio	2736	2757	2756	2733	23	30.0
2415	Guscio	2738	2758	2757	2736	23	30.0
2416	Guscio	2740	2759	2758	2738	23	30.0
2417	Guscio	2172	2742	2759	2740	23	30.0
2418	Guscio	2769	2799	2798	2767	23	30.0
2419	Guscio	2771	2800	2799	2769	23	30.0
2420	Guscio	2773	2801	2800	2771	23	30.0
2421	Guscio	2775	2802	2801	2773	23	30.0
2422	Guscio	2777	2803	2802	2775	23	30.0
2423	Guscio	2779	2804	2803	2777	23	30.0
2424	Guscio	2734	2781	2804	2779	23	30.0
2425	Guscio	2782	2806	2805	2781	23	30.0
2426	Guscio	2783	2807	2806	2782	23	30.0
2427	Guscio	2784	2808	2807	2783	23	30.0
2428	Guscio	2785	2809	2808	2784	23	30.0
2429	Guscio	250	245	2809	2785	23	30.0
2430	Guscio	2744	2761	2760	2742	23	30.0
2431	Guscio	2768	2762	2761	2744	23	30.0
2432	Guscio	2770	2763	2762	2768	23	30.0
2433	Guscio	2772	2764	2763	2770	23	30.0
2434	Guscio	205	200	2764	2772	23	30.0
2435	Guscio	2887	2262	2260	2886	23	30.0
2436	Guscio	2888	2776	2262	2887	23	30.0
2437	Guscio	2889	2778	2776	2888	23	30.0
2438	Guscio	2890	2780	2778	2889	23	30.0
2439	Guscio	2789	2891	2780	2890	23	30.0
2440	Guscio	2060	2750	1445	1440	23	30.0
2441	Guscio	2066	2751	2750	2060	23	30.0
2442	Guscio	2799	2823	2822	2798	23	30.0
2443	Guscio	2800	2824	2823	2799	23	30.0
2444	Guscio	2801	2825	2824	2800	23	30.0
2445	Guscio	2802	2826	2825	2801	23	30.0
2446	Guscio	2803	2827	2826	2802	23	30.0
2447	Guscio	2804	2828	2827	2803	23	30.0
2448	Guscio	2781	2805	2828	2804	23	30.0
2449	Guscio	2806	2830	2829	2805	23	30.0
2450	Guscio	2807	2831	2830	2806	23	30.0
2451	Guscio	2808	2832	2831	2807	23	30.0
2452	Guscio	2809	2833	2832	2808	23	30.0
2453	Guscio	245	240	2833	2809	23	30.0
2454	Guscio	2072	2752	2751	2066	23	30.0
2455	Guscio	2078	2766	2752	2072	23	30.0
2456	Guscio	2080	2787	2766	2078	23	30.0
2457	Guscio	2212	2788	2787	2080	23	30.0
2458	Guscio	2917	2214	2788	2212	23	30.0
2459	Guscio	2754	2811	1425	2753	23	30.0
2460	Guscio	2755	2812	2811	2754	23	30.0
2461	Guscio	2756	2813	2812	2755	23	30.0
2462	Guscio	2757	2814	2813	2756	23	30.0
2463	Guscio	2758	2815	2814	2757	23	30.0
2464	Guscio	2759	2816	2815	2758	23	30.0
2465	Guscio	2742	2760	2816	2759	23	30.0
2466	Guscio	2823	2847	2846	2822	23	30.0
2467	Guscio	2824	2848	2847	2823	23	30.0
2468	Guscio	2825	2849	2848	2824	23	30.0
2469	Guscio	2826	2850	2849	2825	23	30.0
2470	Guscio	2827	2851	2850	2826	23	30.0
2471	Guscio	2828	2852	2851	2827	23	30.0
2472	Guscio	2805	2829	2852	2828	23	30.0

2473	Guscio	2830	2854	2853	2829	23	30.0
2474	Guscio	2831	2855	2854	2830	23	30.0
2475	Guscio	2832	2856	2855	2831	23	30.0
2476	Guscio	2833	2857	2856	2832	23	30.0
2477	Guscio	240	235	2857	2833	23	30.0
2478	Guscio	2761	2818	2817	2760	23	30.0
2479	Guscio	2762	2819	2818	2761	23	30.0
2480	Guscio	2763	2820	2819	2762	23	30.0
2481	Guscio	2764	2821	2820	2763	23	30.0
2482	Guscio	200	195	2821	2764	23	30.0
2483	Guscio	2216	2790	2789	2214	23	30.0
2484	Guscio	2217	2791	2790	2216	23	30.0
2485	Guscio	2220	2792	2791	2217	23	30.0
2486	Guscio	2222	2793	2792	2220	23	30.0
2487	Guscio	180	2794	2793	2222	23	30.0
2488	Guscio	2892	2746	2745	2891	23	30.0
2489	Guscio	2893	2747	2746	2892	23	30.0
2490	Guscio	2847	2871	2870	2846	23	30.0
2491	Guscio	2848	2872	2871	2847	23	30.0
2492	Guscio	2849	2873	2872	2848	23	30.0
2493	Guscio	2850	2874	2873	2849	23	30.0
2494	Guscio	2851	2875	2874	2850	23	30.0
2495	Guscio	2852	2876	2875	2851	23	30.0
2496	Guscio	2829	2853	2876	2852	23	30.0
2497	Guscio	2854	2878	2877	2853	23	30.0
2498	Guscio	2855	2879	2878	2854	23	30.0
2499	Guscio	2856	2880	2879	2855	23	30.0
2500	Guscio	2857	2881	2880	2856	23	30.0
2501	Guscio	235	230	2881	2857	23	30.0
2502	Guscio	2907	2748	2747	2893	23	30.0
2503	Guscio	2908	2795	2748	2907	23	30.0
2504	Guscio	2909	2796	2795	2908	23	30.0
2505	Guscio	2746	2040	2018	2745	23	30.0
2506	Guscio	2747	2836	2040	2746	23	30.0
2507	Guscio	2811	2861	1430	1425	23	30.0
2508	Guscio	2812	2862	2861	2811	23	30.0
2509	Guscio	2813	2863	2862	2812	23	30.0
2510	Guscio	2814	2864	2863	2813	23	30.0
2511	Guscio	2815	2865	2864	2814	23	30.0
2512	Guscio	2816	2866	2865	2815	23	30.0
2513	Guscio	2760	2817	2866	2816	23	30.0
2514	Guscio	2871	2895	2894	2870	23	30.0
2515	Guscio	2872	2896	2895	2871	23	30.0
2516	Guscio	2873	2897	2896	2872	23	30.0
2517	Guscio	2874	2898	2897	2873	23	30.0
2518	Guscio	2875	2899	2898	2874	23	30.0
2519	Guscio	2876	2900	2899	2875	23	30.0
2520	Guscio	2853	2877	2900	2876	23	30.0
2521	Guscio	2878	2902	2901	2877	23	30.0
2522	Guscio	2879	2903	2902	2878	23	30.0
2523	Guscio	2880	2904	2903	2879	23	30.0
2524	Guscio	2881	2905	2904	2880	23	30.0
2525	Guscio	230	225	2905	2881	23	30.0
2526	Guscio	2818	2868	2867	2817	23	30.0
2527	Guscio	2819	2869	2868	2818	23	30.0
2528	Guscio	2820	2883	2869	2819	23	30.0
2529	Guscio	2821	2884	2883	2820	23	30.0
2530	Guscio	195	190	2884	2821	23	30.0
2531	Guscio	2748	2837	2836	2747	23	30.0
2532	Guscio	3401	3391	940		23	30.0
2533	Guscio	330	3397	3449		23	30.0
2534	Guscio	2087	2840	2937	2940	23	30.0
2535	Guscio	1857	2841	2840	2087	23	30.0
2536	Guscio	2750	2859	1450	1445	23	30.0
2537	Guscio	2751	2886	2859	2750	23	30.0
2538	Guscio	2895	2919	2918	2894	23	30.0
2539	Guscio	2896	2920	2919	2895	23	30.0
2540	Guscio	2897	2921	2920	2896	23	30.0
2541	Guscio	2898	2922	2921	2897	23	30.0
2542	Guscio	2899	2923	2922	2898	23	30.0
2543	Guscio	2900	2924	2923	2899	23	30.0
2544	Guscio	2877	2901	2924	2900	23	30.0
2545	Guscio	2902	2926	2925	2901	23	30.0
2546	Guscio	2903	2927	2926	2902	23	30.0
2547	Guscio	2904	2928	2927	2903	23	30.0
2548	Guscio	2905	2929	2928	2904	23	30.0
2549	Guscio	225	220	2929	2905	23	30.0

2550	Guscio	2752	2887	2886	2751	23	30.0
2551	Guscio	2766	2888	2887	2752	23	30.0
2552	Guscio	2787	2889	2888	2766	23	30.0
2553	Guscio	2788	2890	2889	2787	23	30.0
2554	Guscio	2214	2789	2890	2788	23	30.0
2555	Guscio	2861	2911	1435	1430	23	30.0
2556	Guscio	2862	2912	2911	2861	23	30.0
2557	Guscio	2863	2913	2912	2862	23	30.0
2558	Guscio	2864	2914	2913	2863	23	30.0
2559	Guscio	2865	2915	2914	2864	23	30.0
2560	Guscio	2866	2916	2915	2865	23	30.0
2561	Guscio	2817	2867	2916	2866	23	30.0
2562	Guscio	2919	2210	2088	2918	23	30.0
2563	Guscio	2920	2839	2210	2919	23	30.0
2564	Guscio	2921	1847	2839	2920	23	30.0
2565	Guscio	2922	1848	1847	2921	23	30.0
2566	Guscio	2923	1849	1848	2922	23	30.0
2567	Guscio	2924	1850	1849	2923	23	30.0
2568	Guscio	2901	2925	1850	2924	23	30.0
2569	Guscio	2926	1852	1851	2925	23	30.0
2570	Guscio	2927	1853	1852	2926	23	30.0
2571	Guscio	2928	1854	1853	2927	23	30.0
2572	Guscio	2929	1855	1854	2928	23	30.0
2573	Guscio	220	215	1855	2929	23	30.0
2574	Guscio	2868	2931	2917	2867	23	30.0
2575	Guscio	2869	2932	2931	2868	23	30.0
2576	Guscio	2883	2933	2932	2869	23	30.0
2577	Guscio	2884	2934	2933	2883	23	30.0
2578	Guscio	190	185	2934	2884	23	30.0
2579	Guscio	2790	2892	2891	2789	23	30.0
2580	Guscio	2791	2893	2892	2790	23	30.0
2581	Guscio	2792	2907	2893	2791	23	30.0
2582	Guscio	2793	2908	2907	2792	23	30.0
2583	Guscio	2794	2909	2908	2793	23	30.0
2584	Guscio	2008	2842	2841	1857	23	30.0
2585	Guscio	2009	2843	2842	2008	23	30.0
2586	Guscio	2210	2084	2082	2088	23	30.0
2587	Guscio	2839	2086	2084	2210	23	30.0
2588	Guscio	1847	2092	2086	2839	23	30.0
2589	Guscio	1848	2140	2092	1847	23	30.0
2590	Guscio	1849	2141	2140	1848	23	30.0
2591	Guscio	1850	2150	2141	1849	23	30.0
2592	Guscio	2925	1851	2150	1850	23	30.0
2593	Guscio	1852	2178	2172	1851	23	30.0
2594	Guscio	1853	2192	2178	1852	23	30.0
2595	Guscio	1854	2198	2192	1853	23	30.0
2596	Guscio	1855	2204	2198	1854	23	30.0
2597	Guscio	215	210	2204	1855	23	30.0
2598	Guscio	2745	2018	2843	2009	23	30.0
2599	Guscio	3408	3409	3407		23	30.0
2600	Guscio	1460	2939	390		23	30.0
2601	Guscio	2252	2939	1460	1455	23	30.0
2602	Guscio	2260	2940	2939	2252	23	30.0
2603	Guscio	2911	2060	1440	1435	23	30.0
2604	Guscio	2912	2066	2060	2911	23	30.0
2605	Guscio	2913	2072	2066	2912	23	30.0
2606	Guscio	2914	2078	2072	2913	23	30.0
2607	Guscio	2915	2080	2078	2914	23	30.0
2608	Guscio	2916	2212	2080	2915	23	30.0
2609	Guscio	2867	2917	2212	2916	23	30.0
2610	Guscio	2084	2341	2264	2082	23	30.0
2611	Guscio	2086	2676	2341	2084	23	30.0
2612	Guscio	2092	2733	2676	2086	23	30.0
2613	Guscio	2140	2736	2733	2092	23	30.0
2614	Guscio	2141	2738	2736	2140	23	30.0
2615	Guscio	2150	2740	2738	2141	23	30.0
2616	Guscio	1851	2172	2740	2150	23	30.0
2617	Guscio	2942	2943	2941		23	30.0
2618	Guscio	2944	2942	2941		23	30.0
2619	Guscio	2946	2942	2945		23	30.0
2620	Guscio	2948	2947	2942		23	30.0
2621	Guscio	2946	2949	2942		23	30.0
2622	Guscio	2949	2948	2942		23	30.0
2623	Guscio	2942	2947	2943		23	30.0
2624	Guscio	2945	2942	2944		23	30.0
2625	Guscio	2943	2950	2951	2941	23	30.0
2626	Guscio	2944	2941	2953	2952	23	30.0

2627	Guscio	2954	2946	2945	2955	23	30.0
2628	Guscio	2956	2957	2947	2948	23	30.0
2629	Guscio	2958	2949	2946	2954	23	30.0
2630	Guscio	2959	2956	2948	2949	23	30.0
2631	Guscio	2947	2960	2950	2943	23	30.0
2632	Guscio	2945	2944	2952	2961	23	30.0
2633	Guscio	2950	2962	2963	2951	23	30.0
2634	Guscio	2952	2953	2965	2964	23	30.0
2635	Guscio	2966	2954	2955	2967	23	30.0
2636	Guscio	2968	2969	2957	2956	23	30.0
2637	Guscio	2970	2958	2954	2966	23	30.0
2638	Guscio	2971	2968	2956	2959	23	30.0
2639	Guscio	2960	2972	2962	2950	23	30.0
2640	Guscio	2961	2952	2964	2973	23	30.0
2641	Guscio	2962	2974	2975	2963	23	30.0
2642	Guscio	2964	2965	2977	2976	23	30.0
2643	Guscio	2978	2966	2967	2979	23	30.0
2644	Guscio	2980	2981	2969	2968	23	30.0
2645	Guscio	2982	2970	2966	2978	23	30.0
2646	Guscio	2983	2980	2968	2971	23	30.0
2647	Guscio	2972	2984	2974	2962	23	30.0
2648	Guscio	2973	2964	2976	2985	23	30.0
2649	Guscio	2974	2986	2987	2975	23	30.0
2650	Guscio	2976	2977	2989	2988	23	30.0
2651	Guscio	2990	2978	2979	2991	23	30.0
2652	Guscio	2992	2993	2981	2980	23	30.0
2653	Guscio	2994	2982	2978	2990	23	30.0
2654	Guscio	2995	2992	2980	2983	23	30.0
2655	Guscio	2984	2996	2986	2974	23	30.0
2656	Guscio	2985	2976	2988	2997	23	30.0
2657	Guscio	2941	2951	2998		23	30.0
2658	Guscio	2953	2941	2998		23	30.0
2659	Guscio	2955	2945	2999		23	30.0
2660	Guscio	2957	3000	2947		23	30.0
2661	Guscio	2958	3001	2949		23	30.0
2662	Guscio	3001	2959	2949		23	30.0
2663	Guscio	2947	3000	2960		23	30.0
2664	Guscio	2999	2945	2961		23	30.0
2665	Guscio	2951	2963	3002	2998	23	30.0
2666	Guscio	2953	2998	3003	2965	23	30.0
2667	Guscio	2967	2955	2999	3004	23	30.0
2668	Guscio	2969	3005	3000	2957	23	30.0
2669	Guscio	3006	3001	2958	2970	23	30.0
2670	Guscio	3007	2971	2959	3001	23	30.0
2671	Guscio	3000	3008	2972	2960	23	30.0
2672	Guscio	2999	2961	2973	3009	23	30.0
2673	Guscio	2963	2975	3010	3002	23	30.0
2674	Guscio	2965	3003	3011	2977	23	30.0
2675	Guscio	2979	2967	3004	3012	23	30.0
2676	Guscio	2981	3013	3005	2969	23	30.0
2677	Guscio	3014	3006	2970	2982	23	30.0
2678	Guscio	3015	2983	2971	3007	23	30.0
2679	Guscio	3008	3016	2984	2972	23	30.0
2680	Guscio	3009	2973	2985	3017	23	30.0
2681	Guscio	2975	2987	3018	3010	23	30.0
2682	Guscio	2977	3011	3019	2989	23	30.0
2683	Guscio	2991	2979	3012	3020	23	30.0
2684	Guscio	2993	3021	3013	2981	23	30.0
2685	Guscio	3022	3014	2982	2994	23	30.0
2686	Guscio	3023	2995	2983	3015	23	30.0
2687	Guscio	3016	3024	2996	2984	23	30.0
2688	Guscio	3017	2985	2997	3025	23	30.0
2689	Guscio	2998	3002	3026		23	30.0
2690	Guscio	3003	2998	3026		23	30.0
2691	Guscio	3004	2999	3027		23	30.0
2692	Guscio	3005	3028	3000		23	30.0
2693	Guscio	3006	3029	3001		23	30.0
2694	Guscio	3029	3007	3001		23	30.0
2695	Guscio	3000	3028	3008		23	30.0
2696	Guscio	3027	2999	3009		23	30.0
2697	Guscio	3002	3010	3030	3026	23	30.0
2698	Guscio	3003	3026	3031	3011	23	30.0
2699	Guscio	3012	3004	3027	3032	23	30.0
2700	Guscio	3013	3033	3028	3005	23	30.0
2701	Guscio	3034	3029	3006	3014	23	30.0
2702	Guscio	3035	3015	3007	3029	23	30.0
2703	Guscio	3028	3036	3016	3008	23	30.0

2704	Guscio	3027	3009	3017	3037	23	30.0
2705	Guscio	3010	3018	3038	3030	23	30.0
2706	Guscio	3011	3031	3039	3019	23	30.0
2707	Guscio	3020	3012	3032	3040	23	30.0
2708	Guscio	3021	3041	3033	3013	23	30.0
2709	Guscio	3042	3034	3014	3022	23	30.0
2710	Guscio	3043	3023	3015	3035	23	30.0
2711	Guscio	3036	3044	3024	3016	23	30.0
2712	Guscio	3037	3017	3025	3045	23	30.0
2713	Guscio	3026	3030	3046		23	30.0
2714	Guscio	3031	3026	3046		23	30.0
2715	Guscio	3032	3027	3047		23	30.0
2716	Guscio	3033	3048	3028		23	30.0
2717	Guscio	3034	3049	3029		23	30.0
2718	Guscio	3049	3035	3029		23	30.0
2719	Guscio	3028	3048	3036		23	30.0
2720	Guscio	3047	3027	3037		23	30.0
2721	Guscio	3030	3038	3050	3046	23	30.0
2722	Guscio	3031	3046	3051	3039	23	30.0
2723	Guscio	3040	3032	3047	3052	23	30.0
2724	Guscio	3041	3053	3048	3033	23	30.0
2725	Guscio	3054	3049	3034	3042	23	30.0
2726	Guscio	3055	3043	3035	3049	23	30.0
2727	Guscio	3048	3056	3044	3036	23	30.0
2728	Guscio	3047	3037	3045	3057	23	30.0
2729	Guscio	3046	3050	840		23	30.0
2730	Guscio	3051	3046	840		23	30.0
2731	Guscio	3052	3047	500		23	30.0
2732	Guscio	3053	560	3048		23	30.0
2733	Guscio	3054	535	3049		23	30.0
2734	Guscio	535	3055	3049		23	30.0
2735	Guscio	3048	560	3056		23	30.0
2736	Guscio	500	3047	3057		23	30.0
2737	Guscio	3063	3064	3062		23	30.0
2738	Guscio	3065	3063	3062		23	30.0
2739	Guscio	3067	3063	3066		23	30.0
2740	Guscio	3069	3068	3063		23	30.0
2741	Guscio	3067	3070	3063		23	30.0
2742	Guscio	3070	3069	3063		23	30.0
2743	Guscio	3063	3068	3064		23	30.0
2744	Guscio	3066	3063	3065		23	30.0
2745	Guscio	3064	3071	3072	3062	23	30.0
2746	Guscio	3065	3062	3074	3073	23	30.0
2747	Guscio	3075	3067	3066	3076	23	30.0
2748	Guscio	3077	3078	3068	3069	23	30.0
2749	Guscio	3079	3070	3067	3075	23	30.0
2750	Guscio	3080	3077	3069	3070	23	30.0
2751	Guscio	3068	3081	3071	3064	23	30.0
2752	Guscio	3066	3065	3073	3082	23	30.0
2753	Guscio	3071	3083	3084	3072	23	30.0
2754	Guscio	3073	3074	3086	3085	23	30.0
2755	Guscio	3087	3075	3076	3088	23	30.0
2756	Guscio	3089	3090	3078	3077	23	30.0
2757	Guscio	3091	3079	3075	3087	23	30.0
2758	Guscio	3092	3089	3077	3080	23	30.0
2759	Guscio	3081	3093	3083	3071	23	30.0
2760	Guscio	3082	3073	3085	3094	23	30.0
2761	Guscio	3083	3095	3096	3084	23	30.0
2762	Guscio	3085	3086	3098	3097	23	30.0
2763	Guscio	3099	3087	3088	3100	23	30.0
2764	Guscio	3101	3102	3090	3089	23	30.0
2765	Guscio	3103	3091	3087	3099	23	30.0
2766	Guscio	3104	3101	3089	3092	23	30.0
2767	Guscio	3093	3105	3095	3083	23	30.0
2768	Guscio	3094	3085	3097	3106	23	30.0
2769	Guscio	3095	3107	3108	3096	23	30.0
2770	Guscio	3097	3098	3110	3109	23	30.0
2771	Guscio	3111	3099	3100	3112	23	30.0
2772	Guscio	2988	2989	3102	3101	23	30.0
2773	Guscio	3115	3103	3099	3111	23	30.0
2774	Guscio	2997	2988	3101	3104	23	30.0
2775	Guscio	3105	3117	3107	3095	23	30.0
2776	Guscio	3106	3097	3109	3118	23	30.0
2777	Guscio	3062	3072	3119		23	30.0
2778	Guscio	3074	3062	3119		23	30.0
2779	Guscio	3076	3066	3120		23	30.0
2780	Guscio	3078	3121	3068		23	30.0

2781	Guscio	3079	3122	3070		23	30.0
2782	Guscio	3122	3080	3070		23	30.0
2783	Guscio	3068	3121	3081		23	30.0
2784	Guscio	3120	3066	3082		23	30.0
2785	Guscio	3072	3084	3123	3119	23	30.0
2786	Guscio	3074	3119	3124	3086	23	30.0
2787	Guscio	3088	3076	3120	3125	23	30.0
2788	Guscio	3090	3126	3121	3078	23	30.0
2789	Guscio	3127	3122	3079	3091	23	30.0
2790	Guscio	3128	3092	3080	3122	23	30.0
2791	Guscio	3121	3129	3093	3081	23	30.0
2792	Guscio	3120	3082	3094	3130	23	30.0
2793	Guscio	3084	3096	3131	3123	23	30.0
2794	Guscio	3086	3124	3132	3098	23	30.0
2795	Guscio	3100	3088	3125	3133	23	30.0
2796	Guscio	3102	3134	3126	3090	23	30.0
2797	Guscio	3135	3127	3091	3103	23	30.0
2798	Guscio	3136	3104	3092	3128	23	30.0
2799	Guscio	3129	3137	3105	3093	23	30.0
2800	Guscio	3130	3094	3106	3138	23	30.0
2801	Guscio	3096	3108	3139	3131	23	30.0
2802	Guscio	3098	3132	3140	3110	23	30.0
2803	Guscio	3112	3100	3133	3141	23	30.0
2804	Guscio	2989	3019	3134	3102	23	30.0
2805	Guscio	3143	3135	3103	3115	23	30.0
2806	Guscio	3025	2997	3104	3136	23	30.0
2807	Guscio	3137	3145	3117	3105	23	30.0
2808	Guscio	3138	3106	3118	3146	23	30.0
2809	Guscio	3119	3123	3147		23	30.0
2810	Guscio	3124	3119	3147		23	30.0
2811	Guscio	3125	3120	3148		23	30.0
2812	Guscio	3126	3149	3121		23	30.0
2813	Guscio	3127	3150	3122		23	30.0
2814	Guscio	3150	3128	3122		23	30.0
2815	Guscio	3121	3149	3129		23	30.0
2816	Guscio	3148	3120	3130		23	30.0
2817	Guscio	3123	3131	3151	3147	23	30.0
2818	Guscio	3124	3147	3152	3132	23	30.0
2819	Guscio	3133	3125	3148	3153	23	30.0
2820	Guscio	3134	3154	3149	3126	23	30.0
2821	Guscio	3155	3150	3127	3135	23	30.0
2822	Guscio	3156	3136	3128	3150	23	30.0
2823	Guscio	3149	3157	3137	3129	23	30.0
2824	Guscio	3148	3130	3138	3158	23	30.0
2825	Guscio	3131	3139	3159	3151	23	30.0
2826	Guscio	3132	3152	3160	3140	23	30.0
2827	Guscio	3141	3133	3153	3161	23	30.0
2828	Guscio	3019	3039	3154	3134	23	30.0
2829	Guscio	3163	3155	3135	3143	23	30.0
2830	Guscio	3045	3025	3136	3156	23	30.0
2831	Guscio	3157	3165	3145	3137	23	30.0
2832	Guscio	3158	3138	3146	3166	23	30.0
2833	Guscio	3147	3151	3167		23	30.0
2834	Guscio	3152	3147	3167		23	30.0
2835	Guscio	3153	3148	3168		23	30.0
2836	Guscio	3154	3169	3149		23	30.0
2837	Guscio	3155	3170	3150		23	30.0
2838	Guscio	3170	3156	3150		23	30.0
2839	Guscio	3149	3169	3157		23	30.0
2840	Guscio	3168	3148	3158		23	30.0
2841	Guscio	3151	3159	3171	3167	23	30.0
2842	Guscio	3152	3167	3113	3160	23	30.0
2843	Guscio	3161	3153	3168	3114	23	30.0
2844	Guscio	3039	3051	3169	3154	23	30.0
2845	Guscio	3142	3170	3155	3163	23	30.0
2846	Guscio	3057	3045	3156	3170	23	30.0
2847	Guscio	3169	3162	3165	3157	23	30.0
2848	Guscio	3168	3158	3166	3164	23	30.0
2849	Guscio	3167	3171	3116		23	30.0
2850	Guscio	3113	3167	3116		23	30.0
2851	Guscio	3114	3168	475		23	30.0
2852	Guscio	3169	3051	840		23	30.0
2853	Guscio	3142	500	3170		23	30.0
2854	Guscio	500	3057	3170		23	30.0
2855	Guscio	3169	840	3162		23	30.0
2856	Guscio	475	3168	3164		23	30.0
2857	Guscio	3173	3174	3172		23	30.0

2858	Guscio	3175	3173	3172		23	30.0
2859	Guscio	3177	3173	3176		23	30.0
2860	Guscio	3179	3178	3173		23	30.0
2861	Guscio	3177	3180	3173		23	30.0
2862	Guscio	3180	3179	3173		23	30.0
2863	Guscio	3173	3178	3174		23	30.0
2864	Guscio	3176	3173	3175		23	30.0
2865	Guscio	3174	3181	3182	3172	23	30.0
2866	Guscio	3175	3172	3184	3183	23	30.0
2867	Guscio	3185	3177	3176	3186	23	30.0
2868	Guscio	3187	3188	3178	3179	23	30.0
2869	Guscio	3189	3180	3177	3185	23	30.0
2870	Guscio	3190	3187	3179	3180	23	30.0
2871	Guscio	3178	3191	3181	3174	23	30.0
2872	Guscio	3176	3175	3183	3192	23	30.0
2873	Guscio	3181	3193	3194	3182	23	30.0
2874	Guscio	3183	3184	3196	3195	23	30.0
2875	Guscio	3197	3185	3186	3198	23	30.0
2876	Guscio	3199	3200	3188	3187	23	30.0
2877	Guscio	3201	3189	3185	3197	23	30.0
2878	Guscio	3202	3199	3187	3190	23	30.0
2879	Guscio	3191	3203	3193	3181	23	30.0
2880	Guscio	3192	3183	3195	3204	23	30.0
2881	Guscio	3193	3205	3206	3194	23	30.0
2882	Guscio	3195	3196	3208	3207	23	30.0
2883	Guscio	3209	3197	3198	3210	23	30.0
2884	Guscio	3211	3212	3200	3199	23	30.0
2885	Guscio	3213	3201	3197	3209	23	30.0
2886	Guscio	3214	3211	3199	3202	23	30.0
2887	Guscio	3203	3215	3205	3193	23	30.0
2888	Guscio	3204	3195	3207	3216	23	30.0
2889	Guscio	3205	3217	3218	3206	23	30.0
2890	Guscio	3207	3208	3220	3219	23	30.0
2891	Guscio	3221	3209	3210	3222	23	30.0
2892	Guscio	3109	3110	3212	3211	23	30.0
2893	Guscio	3225	3213	3209	3221	23	30.0
2894	Guscio	3118	3109	3211	3214	23	30.0
2895	Guscio	3215	3227	3217	3205	23	30.0
2896	Guscio	3216	3207	3219	3228	23	30.0
2897	Guscio	3172	3182	3229		23	30.0
2898	Guscio	3184	3172	3229		23	30.0
2899	Guscio	3186	3176	3230		23	30.0
2900	Guscio	3188	3231	3178		23	30.0
2901	Guscio	3189	3232	3180		23	30.0
2902	Guscio	3232	3190	3180		23	30.0
2903	Guscio	3178	3231	3191		23	30.0
2904	Guscio	3230	3176	3192		23	30.0
2905	Guscio	3182	3194	3233	3229	23	30.0
2906	Guscio	3184	3229	3234	3196	23	30.0
2907	Guscio	3198	3186	3230	3235	23	30.0
2908	Guscio	3200	3236	3231	3188	23	30.0
2909	Guscio	3237	3232	3189	3201	23	30.0
2910	Guscio	3238	3202	3190	3232	23	30.0
2911	Guscio	3231	3239	3203	3191	23	30.0
2912	Guscio	3230	3192	3204	3240	23	30.0
2913	Guscio	3194	3206	3241	3233	23	30.0
2914	Guscio	3196	3234	3242	3208	23	30.0
2915	Guscio	3210	3198	3235	3243	23	30.0
2916	Guscio	3212	3244	3236	3200	23	30.0
2917	Guscio	3245	3237	3201	3213	23	30.0
2918	Guscio	3246	3214	3202	3238	23	30.0
2919	Guscio	3239	3247	3215	3203	23	30.0
2920	Guscio	3240	3204	3216	3248	23	30.0
2921	Guscio	3206	3218	3249	3241	23	30.0
2922	Guscio	3208	3242	3250	3220	23	30.0
2923	Guscio	3222	3210	3243	3251	23	30.0
2924	Guscio	3110	3140	3244	3212	23	30.0
2925	Guscio	3253	3245	3213	3225	23	30.0
2926	Guscio	3146	3118	3214	3246	23	30.0
2927	Guscio	3247	3255	3227	3215	23	30.0
2928	Guscio	3248	3216	3228	3256	23	30.0
2929	Guscio	3229	3233	3257		23	30.0
2930	Guscio	3234	3229	3257		23	30.0
2931	Guscio	3235	3230	3258		23	30.0
2932	Guscio	3236	3259	3231		23	30.0
2933	Guscio	3237	3260	3232		23	30.0
2934	Guscio	3260	3238	3232		23	30.0

2935	Guscio	3231	3259	3239		23	30.0
2936	Guscio	3258	3230	3240		23	30.0
2937	Guscio	3233	3241	3261	3257	23	30.0
2938	Guscio	3234	3257	3262	3242	23	30.0
2939	Guscio	3243	3235	3258	3263	23	30.0
2940	Guscio	3244	3264	3259	3236	23	30.0
2941	Guscio	3265	3260	3237	3245	23	30.0
2942	Guscio	3266	3246	3238	3260	23	30.0
2943	Guscio	3259	3267	3247	3239	23	30.0
2944	Guscio	3258	3240	3248	3268	23	30.0
2945	Guscio	3241	3249	3269	3261	23	30.0
2946	Guscio	3242	3262	3270	3250	23	30.0
2947	Guscio	3251	3243	3263	3271	23	30.0
2948	Guscio	3140	3160	3264	3244	23	30.0
2949	Guscio	3273	3265	3245	3253	23	30.0
2950	Guscio	3166	3146	3246	3266	23	30.0
2951	Guscio	3267	3275	3255	3247	23	30.0
2952	Guscio	3268	3248	3256	3276	23	30.0
2953	Guscio	3257	3261	3277		23	30.0
2954	Guscio	3262	3257	3277		23	30.0
2955	Guscio	3263	3258	3278		23	30.0
2956	Guscio	3264	3279	3259		23	30.0
2957	Guscio	3265	3280	3260		23	30.0
2958	Guscio	3280	3266	3260		23	30.0
2959	Guscio	3259	3279	3267		23	30.0
2960	Guscio	3278	3258	3268		23	30.0
2961	Guscio	3261	3269	3223	3277	23	30.0
2962	Guscio	3262	3277	3224	3270	23	30.0
2963	Guscio	3271	3263	3278	3226	23	30.0
2964	Guscio	3160	3113	3279	3264	23	30.0
2965	Guscio	3254	3280	3265	3273	23	30.0
2966	Guscio	3164	3166	3266	3280	23	30.0
2967	Guscio	3279	3274	3275	3267	23	30.0
2968	Guscio	3278	3268	3276	3252	23	30.0
2969	Guscio	3277	3223	905		23	30.0
2970	Guscio	3224	3277	905		23	30.0
2971	Guscio	3226	3278	430		23	30.0
2972	Guscio	3113	3116	3279		23	30.0
2973	Guscio	3254	475	3280		23	30.0
2974	Guscio	475	3164	3280		23	30.0
2975	Guscio	3279	3116	3274		23	30.0
2976	Guscio	430	3278	3252		23	30.0
2977	Guscio	3282	3283	3281		23	30.0
2978	Guscio	3284	3282	3281		23	30.0
2979	Guscio	3286	3282	3285		23	30.0
2980	Guscio	3288	3287	3282		23	30.0
2981	Guscio	3286	3289	3282		23	30.0
2982	Guscio	3289	3288	3282		23	30.0
2983	Guscio	3282	3287	3283		23	30.0
2984	Guscio	3285	3282	3284		23	30.0
2985	Guscio	3283	3290	3291	3281	23	30.0
2986	Guscio	3284	3281	3293	3292	23	30.0
2987	Guscio	3294	3286	3285	3295	23	30.0
2988	Guscio	3296	3297	3287	3288	23	30.0
2989	Guscio	3298	3289	3286	3294	23	30.0
2990	Guscio	3299	3296	3288	3289	23	30.0
2991	Guscio	3287	3300	3290	3283	23	30.0
2992	Guscio	3285	3284	3292	3301	23	30.0
2993	Guscio	3290	3302	3303	3291	23	30.0
2994	Guscio	3292	3293	3305	3304	23	30.0
2995	Guscio	3306	3294	3295	3307	23	30.0
2996	Guscio	3308	3309	3297	3296	23	30.0
2997	Guscio	3310	3298	3294	3306	23	30.0
2998	Guscio	3311	3308	3296	3299	23	30.0
2999	Guscio	3300	3312	3302	3290	23	30.0
3000	Guscio	3301	3292	3304	3313	23	30.0
3001	Guscio	3302	3314	3315	3303	23	30.0
3002	Guscio	3304	3305	3317	3316	23	30.0
3003	Guscio	3318	3306	3307	3319	23	30.0
3004	Guscio	3320	3321	3309	3308	23	30.0
3005	Guscio	3322	3310	3306	3318	23	30.0
3006	Guscio	3323	3320	3308	3311	23	30.0
3007	Guscio	3312	3324	3314	3302	23	30.0
3008	Guscio	3313	3304	3316	3325	23	30.0
3009	Guscio	3314	3326	3327	3315	23	30.0
3010	Guscio	3316	3317	3329	2936	23	30.0
3011	Guscio	1661	3318	3319	1662	23	30.0

3012	Guscio	3219	3220	3321	3320	23	30.0
3013	Guscio	1671	3322	3318	1661	23	30.0
3014	Guscio	3228	3219	3320	3323	23	30.0
3015	Guscio	3324	3336	3326	3314	23	30.0
3016	Guscio	3325	3316	2936	3337	23	30.0
3017	Guscio	3281	3291	3338		23	30.0
3018	Guscio	3293	3281	3338		23	30.0
3019	Guscio	3295	3285	3339		23	30.0
3020	Guscio	3297	3340	3287		23	30.0
3021	Guscio	3298	3341	3289		23	30.0
3022	Guscio	3341	3299	3289		23	30.0
3023	Guscio	3287	3340	3300		23	30.0
3024	Guscio	3339	3285	3301		23	30.0
3025	Guscio	3291	3303	3342	3338	23	30.0
3026	Guscio	3293	3338	3343	3305	23	30.0
3027	Guscio	3307	3295	3339	3344	23	30.0
3028	Guscio	3309	3345	3340	3297	23	30.0
3029	Guscio	3346	3341	3298	3310	23	30.0
3030	Guscio	3347	3311	3299	3341	23	30.0
3031	Guscio	3340	3348	3312	3300	23	30.0
3032	Guscio	3339	3301	3313	3349	23	30.0
3033	Guscio	3303	3315	3350	3342	23	30.0
3034	Guscio	3305	3343	3351	3317	23	30.0
3035	Guscio	3319	3307	3344	3352	23	30.0
3036	Guscio	3321	3353	3345	3309	23	30.0
3037	Guscio	3354	3346	3310	3322	23	30.0
3038	Guscio	3355	3323	3311	3347	23	30.0
3039	Guscio	3348	3356	3324	3312	23	30.0
3040	Guscio	3349	3313	3325	3357	23	30.0
3041	Guscio	3315	3327	3358	3350	23	30.0
3042	Guscio	3317	3351	3359	3329	23	30.0
3043	Guscio	1662	3319	3352	1693	23	30.0
3044	Guscio	3220	3250	3353	3321	23	30.0
3045	Guscio	1699	3354	3322	1671	23	30.0
3046	Guscio	3256	3228	3323	3355	23	30.0
3047	Guscio	3356	3364	3336	3324	23	30.0
3048	Guscio	3357	3325	3337	3365	23	30.0
3049	Guscio	3338	3342	3366		23	30.0
3050	Guscio	3343	3338	3366		23	30.0
3051	Guscio	3344	3339	3367		23	30.0
3052	Guscio	3345	3368	3340		23	30.0
3053	Guscio	3346	3369	3341		23	30.0
3054	Guscio	3369	3347	3341		23	30.0
3055	Guscio	3340	3368	3348		23	30.0
3056	Guscio	3367	3339	3349		23	30.0
3057	Guscio	3342	3350	3370	3366	23	30.0
3058	Guscio	3343	3366	3371	3351	23	30.0
3059	Guscio	3352	3344	3367	3372	23	30.0
3060	Guscio	3353	3373	3368	3345	23	30.0
3061	Guscio	3374	3369	3346	3354	23	30.0
3062	Guscio	3375	3355	3347	3369	23	30.0
3063	Guscio	3368	3376	3356	3348	23	30.0
3064	Guscio	3367	3349	3357	3377	23	30.0
3065	Guscio	3350	3358	3378	3370	23	30.0
3066	Guscio	3351	3371	3379	3359	23	30.0
3067	Guscio	1693	3352	3372	1713	23	30.0
3068	Guscio	3250	3270	3373	3353	23	30.0
3069	Guscio	1719	3374	3354	1699	23	30.0
3070	Guscio	3276	3256	3355	3375	23	30.0
3071	Guscio	3376	3384	3364	3356	23	30.0
3072	Guscio	3377	3357	3365	3385	23	30.0
3073	Guscio	3366	3370	3386		23	30.0
3074	Guscio	3371	3366	3386		23	30.0
3075	Guscio	3372	3367	3387		23	30.0
3076	Guscio	3373	3388	3368		23	30.0
3077	Guscio	3374	3389	3369		23	30.0
3078	Guscio	3389	3375	3369		23	30.0
3079	Guscio	3368	3388	3376		23	30.0
3080	Guscio	3387	3367	3377		23	30.0
3081	Guscio	3370	3378	3390	3386	23	30.0
3082	Guscio	3371	3386	3391	3379	23	30.0
3083	Guscio	1713	3372	3387	1725	23	30.0
3084	Guscio	3270	3224	3388	3373	23	30.0
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3086	Guscio	3252	3276	3375	3389	23	30.0
3087	Guscio	3388	3396	3384	3376	23	30.0
3088	Guscio	3387	3377	3385	3397	23	30.0

3089	Guscio	3386	3390	940		23	30.0
3090	Guscio	3391	3386	940		23	30.0
3091	Guscio	1725	3387	330		23	30.0
3092	Guscio	3388	3224	905		23	30.0
3093	Guscio	1731	430	3389		23	30.0
3094	Guscio	430	3252	3389		23	30.0
3095	Guscio	3388	905	3396		23	30.0
3096	Guscio	330	3387	3397		23	30.0
3097	Guscio	3410	3408	3407		23	30.0
3098	Guscio	3412	3408	3411		23	30.0
3099	Guscio	3414	3413	3408		23	30.0
3100	Guscio	3412	3415	3408		23	30.0
3101	Guscio	3415	3414	3408		23	30.0
3102	Guscio	3408	3413	3409		23	30.0
3103	Guscio	3411	3408	3410		23	30.0
3104	Guscio	3409	3416	3417	3407	23	30.0
3105	Guscio	3410	3407	3419	3418	23	30.0
3106	Guscio	3420	3412	3411	3421	23	30.0
3107	Guscio	3422	3423	3413	3414	23	30.0
3108	Guscio	3424	3415	3412	3420	23	30.0
3109	Guscio	3425	3422	3414	3415	23	30.0
3110	Guscio	3413	3426	3416	3409	23	30.0
3111	Guscio	3411	3410	3418	3427	23	30.0
3112	Guscio	3416	3428	3429	3417	23	30.0
3113	Guscio	3418	3419	3431	3430	23	30.0
3114	Guscio	3432	3420	3421	3433	23	30.0
3115	Guscio	3434	3435	3423	3422	23	30.0
3116	Guscio	3436	3424	3420	3432	23	30.0
3117	Guscio	3437	3434	3422	3425	23	30.0
3118	Guscio	3426	3438	3428	3416	23	30.0
3119	Guscio	3427	3418	3430	3439	23	30.0
3120	Guscio	3428	3440	3441	3429	23	30.0
3121	Guscio	3430	3431	3443	3442	23	30.0
3122	Guscio	3444	3432	3433	3445	23	30.0
3123	Guscio	3446	3447	3435	3434	23	30.0
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3125	Guscio	3451	3446	3434	3437	23	30.0
3126	Guscio	3438	3452	3440	3428	23	30.0
3127	Guscio	3439	3430	3442	3453	23	30.0
3128	Guscio	3440	3454	3455	3441	23	30.0
3129	Guscio	3472	3401	3405		23	30.0
3130	Guscio	3442	3443	3457	3456	23	30.0
3131	Guscio	2843	3444	3445	2842	23	30.0
3132	Guscio	2936	3329	3447	3446	23	30.0
3133	Guscio	2018	3450	3444	2843	23	30.0
3134	Guscio	3337	2936	3446	3451	23	30.0
3135	Guscio	3392	3449	3406		23	30.0
3136	Guscio	3452	3465	3454	3440	23	30.0
3137	Guscio	3453	3442	3456	3466	23	30.0
3138	Guscio	3407	3417	3467		23	30.0
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3140	Guscio	3421	3411	3468		23	30.0
3141	Guscio	3423	3469	3413		23	30.0
3142	Guscio	3424	3470	3415		23	30.0
3143	Guscio	3470	3425	3415		23	30.0
3144	Guscio	3413	3469	3426		23	30.0
3145	Guscio	3468	3411	3427		23	30.0
3146	Guscio	3417	3429	3471	3467	23	30.0
3147	Guscio	3419	3467	3473	3431	23	30.0
3148	Guscio	3433	3421	3468	3474	23	30.0
3149	Guscio	3435	3475	3469	3423	23	30.0
3150	Guscio	3476	3470	3424	3436	23	30.0
3151	Guscio	3477	3437	3425	3470	23	30.0
3152	Guscio	3469	3328	3438	3426	23	30.0
3153	Guscio	3449	3393	3406		23	30.0
3154	Guscio	3468	3427	3439	3331	23	30.0
3155	Guscio	3429	3441	3332	3471	23	30.0
3156	Guscio	3431	3473	3333	3443	23	30.0
3157	Guscio	3445	3433	3474	3334	23	30.0
3158	Guscio	3447	3335	3475	3435	23	30.0
3159	Guscio	3405	3401	3395		23	30.0
3160	Guscio	3361	3476	3436	3450	23	30.0
3161	Guscio	3399	3404	3464		23	30.0
3162	Guscio	3362	3451	3437	3477	23	30.0
3163	Guscio	3328	3363	3452	3438	23	30.0
3164	Guscio	3331	3439	3453	3380	23	30.0
3165	Guscio	3441	3455	3381	3332	23	30.0

3166	Guscio	3443	3333	3383	3457	23	30.0
3167	Guscio	3458	3394	3459	3382	23	30.0
3168	Guscio	2842	3445	3334	2841	23	30.0
3169	Guscio	3329	3359	3335	3447	23	30.0
3170	Guscio	2040	3361	3450	2018	23	30.0
3171	Guscio	3365	3337	3451	3362	23	30.0
3172	Guscio	3363	3400	3465	3452	23	30.0
3173	Guscio	3380	3453	3466	3402	23	30.0
3174	Guscio	3467	3471	3403		23	30.0
3175	Guscio	3473	3467	3403		23	30.0
3176	Guscio	3474	3468	3404		23	30.0
3177	Guscio	3460	3382	3461	3448	23	30.0
3178	Guscio	3475	3405	3469		23	30.0
3179	Guscio	3476	3406	3470		23	30.0
3180	Guscio	3406	3477	3470		23	30.0
3181	Guscio	3469	3405	3328		23	30.0
3182	Guscio	3404	3468	3331		23	30.0
3183	Guscio	2840	3462	3399	2937	23	30.0
3184	Guscio	3471	3332	3458	3403	23	30.0
3185	Guscio	3379	3391	3401	3472	23	30.0
3186	Guscio	3473	3403	3460	3333	23	30.0
3187	Guscio	3334	3474	3404	3462	23	30.0
3188	Guscio	3335	3472	3405	3475	23	30.0
3189	Guscio	3392	3406	3476	3361	23	30.0
3190	Guscio	3393	3362	3477	3406	23	30.0
3191	Guscio	3401	940	3463		23	30.0
3192	Guscio	3405	3395	3363	3328	23	30.0
3193	Guscio	3397	3385	3393	3449	23	30.0
3194	Guscio	3401	3463	3330	3395	23	30.0
3195	Guscio	3404	3331	3380	3464	23	30.0
3196	Guscio	3399	3464	3360	3478	23	30.0
3197	Guscio	3332	3381	3394	3458	23	30.0
3198	Guscio	3333	3460	3448	3383	23	30.0
3199	Guscio	3382	3459	990		23	30.0
3200	Guscio	2841	3334	3462	2840	23	30.0
3201	Guscio	3461	3382	990		23	30.0
3202	Guscio	2937	3399	390		23	30.0
3203	Guscio	3359	3379	3472	3335	23	30.0
3204	Guscio	2837	3449	3392	2836	23	30.0
3205	Guscio	390	3399	3478		23	30.0
3206	Guscio	3385	3365	3362	3393	23	30.0
3207	Guscio	2836	3392	3361	2040	23	30.0
3208	Guscio	3395	3330	3400	3363	23	30.0
3209	Guscio	2837	330	3449		23	30.0
3210	Guscio	2748	2795	2837		23	30.0
3211	Guscio	3464	3380	3402	3360	23	30.0
3212	Guscio	2795	330	2837		23	30.0
3213	Guscio	3403	3458	3382		23	30.0
3214	Guscio	3460	3403	3382		23	30.0
3215	Guscio	2796	330	2795		23	30.0
3216	Guscio	3462	3404	3399		23	30.0
3217	Guscio	2940	2937	2939		23	30.0
3218	Guscio	2939	2937	390		23	30.0
3219	Guscio	3479	3482	3481	3480	23	30.0
3220	Guscio	3482	3484	3483	3481	23	30.0
3221	Guscio	3484	3486	3485	3483	23	30.0
3222	Guscio	3486	3488	3487	3485	23	30.0
3223	Guscio	3488	1145	1490	3487	23	30.0
3224	Guscio	3527	3528	3499	3498	23	30.0
3225	Guscio	3528	3529	3500	3499	23	30.0
3226	Guscio	3529	3530	3501	3500	23	30.0
3227	Guscio	3530	3531	3502	3501	23	30.0
3228	Guscio	3531	1485	1480	3502	23	30.0
3229	Guscio	3498	3499	2043	2015	23	30.0
3230	Guscio	3499	3500	2063	2043	23	30.0
3231	Guscio	3500	3501	2075	2063	23	30.0
3232	Guscio	1495	3536	1385		23	30.0
3233	Guscio	3536	3537	2077	1385	23	30.0
3234	Guscio	3537	3538	2065	2077	23	30.0
3235	Guscio	3538	3539	2045	2065	23	30.0
3236	Guscio	1195	3516	3515	1505	23	30.0
3237	Guscio	3516	3518	3517	3515	23	30.0
3238	Guscio	3518	3520	3519	3517	23	30.0
3239	Guscio	3520	3522	3521	3519	23	30.0
3240	Guscio	3522	3524	3523	3521	23	30.0
3241	Guscio	3524	3526	3525	3523	23	30.0
3242	Guscio	3526	3479	3480	3525	23	30.0

3243	Guscio	3480	3481	3528	3527	23	30.0
3244	Guscio	3481	3483	3529	3528	23	30.0
3245	Guscio	3483	3485	3530	3529	23	30.0
3246	Guscio	3485	3487	3531	3530	23	30.0
3247	Guscio	3487	1490	1485	3531	23	30.0
3248	Guscio	3539	3540	2017	2045	23	30.0
3249	Guscio	3540	3541	2014	2017	23	30.0
3250	Guscio	3541	3498	2015	2014	23	30.0
3251	Guscio	3523	3525	3497	3496	23	30.0
3252	Guscio	3525	3480	3527	3497	23	30.0
3253	Guscio	1500	3492	3536	1495	23	30.0
3254	Guscio	3492	3493	3537	3536	23	30.0
3255	Guscio	3493	3494	3538	3537	23	30.0
3256	Guscio	3494	3495	3539	3538	23	30.0
3257	Guscio	3495	3496	3540	3539	23	30.0
3258	Guscio	3496	3497	3541	3540	23	30.0
3259	Guscio	3497	3527	3498	3541	23	30.0
3260	Guscio	1505	3515	3492	1500	23	30.0
3261	Guscio	3515	3517	3493	3492	23	30.0
3262	Guscio	3517	3519	3494	3493	23	30.0
3263	Guscio	3519	3521	3495	3494	23	30.0
3264	Guscio	3521	3523	3496	3495	23	30.0
3265	Guscio	3502	1480	1330		23	30.0
3266	Guscio	3501	3502	1330	2075	23	30.0
3267	Guscio	3542	3545	3544	3543	23	30.0
3268	Guscio	3545	3547	3546	3544	23	30.0
3269	Guscio	3547	3549	3548	3546	23	30.0
3270	Guscio	3549	3551	3550	3548	23	30.0
3271	Guscio	3551	1095	1475	3550	23	30.0
3272	Guscio	3590	3591	3562	3561	23	30.0
3273	Guscio	3591	3592	3563	3562	23	30.0
3274	Guscio	3592	3593	3564	3563	23	30.0
3275	Guscio	3593	3594	3565	3564	23	30.0
3276	Guscio	3594	1470	1465	3565	23	30.0
3277	Guscio	3561	3562	1938	1910	23	30.0
3278	Guscio	3562	3563	1958	1938	23	30.0
3279	Guscio	3563	3564	1913	1958	23	30.0
3280	Guscio	1480	3599	1330		23	30.0
3281	Guscio	3599	3600	1941	1330	23	30.0
3282	Guscio	3600	3601	1960	1941	23	30.0
3283	Guscio	3601	3602	1940	1960	23	30.0
3284	Guscio	1145	3579	3578	1490	23	30.0
3285	Guscio	3579	3581	3580	3578	23	30.0
3286	Guscio	3581	3583	3582	3580	23	30.0
3287	Guscio	3583	3585	3584	3582	23	30.0
3288	Guscio	3585	3587	3586	3584	23	30.0
3289	Guscio	3587	3589	3588	3586	23	30.0
3290	Guscio	3589	3542	3543	3588	23	30.0
3291	Guscio	3543	3544	3591	3590	23	30.0
3292	Guscio	3544	3546	3592	3591	23	30.0
3293	Guscio	3546	3548	3593	3592	23	30.0
3294	Guscio	3548	3550	3594	3593	23	30.0
3295	Guscio	3550	1475	1470	3594	23	30.0
3296	Guscio	3602	3603	1912	1940	23	30.0
3297	Guscio	3603	3604	1909	1912	23	30.0
3298	Guscio	3604	3561	1910	1909	23	30.0
3299	Guscio	3586	3588	3560	3559	23	30.0
3300	Guscio	3588	3543	3590	3560	23	30.0
3301	Guscio	1485	3555	3599	1480	23	30.0
3302	Guscio	3555	3556	3600	3599	23	30.0
3303	Guscio	3556	3557	3601	3600	23	30.0
3304	Guscio	3557	3558	3602	3601	23	30.0
3305	Guscio	3558	3559	3603	3602	23	30.0
3306	Guscio	3559	3560	3604	3603	23	30.0
3307	Guscio	3560	3590	3561	3604	23	30.0
3308	Guscio	1490	3578	3555	1485	23	30.0
3309	Guscio	3578	3580	3556	3555	23	30.0
3310	Guscio	3580	3582	3557	3556	23	30.0
3311	Guscio	3582	3584	3558	3557	23	30.0
3312	Guscio	3584	3586	3559	3558	23	30.0
3313	Guscio	3565	1465	289		23	30.0
3314	Guscio	3564	3565	289	1913	23	30.0
3315	Guscio	3606	3609	3608	3607	23	30.0
3316	Guscio	3609	3611	3610	3608	23	30.0
3317	Guscio	3611	3613	3612	3610	23	30.0
3318	Guscio	3613	3615	3614	3612	23	30.0
3319	Guscio	3615	585	580	3614	23	30.0

3320	Guscio	3654	3655	3634	3632	23	30.0
3321	Guscio	3620	3621	3661	3660	23	30.0
3322	Guscio	3621	3622	3662	3661	23	30.0
3323	Guscio	3622	3623	3663	3662	23	30.0
3324	Guscio	3623	3624	3664	3663	23	30.0
3325	Guscio	3624	3654	3632	3664	23	30.0
3326	Guscio	3655	3656	3635	3634	23	30.0
3327	Guscio	3656	3657	3636	3635	23	30.0
3328	Guscio	3657	3658	3637	3636	23	30.0
3329	Guscio	3637	570	569		23	30.0
3330	Guscio	3636	3637	569	1792	23	30.0
3331	Guscio	3660	3661	1839	1820	23	30.0
3332	Guscio	1095	3643	3642	1475	23	30.0
3333	Guscio	3643	3645	3644	3642	23	30.0
3334	Guscio	3645	3647	3646	3644	23	30.0
3335	Guscio	3647	3649	3648	3646	23	30.0
3336	Guscio	3649	3651	3650	3648	23	30.0
3337	Guscio	3651	3653	3652	3650	23	30.0
3338	Guscio	3653	3606	3607	3652	23	30.0
3339	Guscio	3607	3608	3655	3654	23	30.0
3340	Guscio	3608	3610	3656	3655	23	30.0
3341	Guscio	3610	3612	3657	3656	23	30.0
3342	Guscio	3612	3614	3658	3657	23	30.0
3343	Guscio	3614	580	575	3658	23	30.0
3344	Guscio	3661	3662	1819	1839	23	30.0
3345	Guscio	3662	3663	1791	1819	23	30.0
3346	Guscio	3663	3664	1788	1791	23	30.0
3347	Guscio	3664	3632	1789	1788	23	30.0
3348	Guscio	3632	3634	1817	1789	23	30.0
3349	Guscio	3634	3635	1837	1817	23	30.0
3350	Guscio	3635	3636	1792	1837	23	30.0
3351	Guscio	3650	3652	3624	3623	23	30.0
3352	Guscio	3652	3607	3654	3624	23	30.0
3353	Guscio	3658	575	570	3637	23	30.0
3354	Guscio	3619	3620	3660	3639	23	30.0
3355	Guscio	1470	3619	3639	1465	23	30.0
3356	Guscio	1475	3642	3619	1470	23	30.0
3357	Guscio	3642	3644	3620	3619	23	30.0
3358	Guscio	3644	3646	3621	3620	23	30.0
3359	Guscio	3646	3648	3622	3621	23	30.0
3360	Guscio	3648	3650	3623	3622	23	30.0
3361	Guscio	1465	3639	289		23	30.0
3362	Guscio	3639	3660	1820	289	23	30.0
3363	Guscio	3669	3672	3671	3670	23	30.0
3364	Guscio	3672	3674	3673	3671	23	30.0
3365	Guscio	3674	3676	3675	3673	23	30.0
3366	Guscio	3676	3678	3677	3675	23	30.0
3367	Guscio	3678	450	445	3677	23	30.0
3368	Guscio	3717	3718	3689	3688	23	30.0
3369	Guscio	3718	3719	3690	3689	23	30.0
3370	Guscio	3719	3720	3691	3690	23	30.0
3371	Guscio	3720	3721	3692	3691	23	30.0
3372	Guscio	3721	440	435	3692	23	30.0
3373	Guscio	3688	3689	1696	1668	23	30.0
3374	Guscio	3689	3690	1716	1696	23	30.0
3375	Guscio	3690	3691	1728	1716	23	30.0
3376	Guscio	3726	3727	1730	569	23	30.0
3377	Guscio	570	3726	569		23	30.0
3378	Guscio	3727	3728	1718	1730	23	30.0
3379	Guscio	3728	3729	1698	1718	23	30.0
3380	Guscio	585	3706	3705	580	23	30.0
3381	Guscio	3706	3708	3707	3705	23	30.0
3382	Guscio	3708	3710	3709	3707	23	30.0
3383	Guscio	3710	3712	3711	3709	23	30.0
3384	Guscio	3712	3714	3713	3711	23	30.0
3385	Guscio	3714	3716	3715	3713	23	30.0
3386	Guscio	3716	3669	3670	3715	23	30.0
3387	Guscio	3670	3671	3718	3717	23	30.0
3388	Guscio	3671	3673	3719	3718	23	30.0
3389	Guscio	3673	3675	3720	3719	23	30.0
3390	Guscio	3675	3677	3721	3720	23	30.0
3391	Guscio	3677	445	440	3721	23	30.0
3392	Guscio	3729	3730	3700	1698	23	30.0
3393	Guscio	3730	3731	1667	3700	23	30.0
3394	Guscio	3731	3688	1668	1667	23	30.0
3395	Guscio	3713	3715	3687	3686	23	30.0
3396	Guscio	3715	3670	3717	3687	23	30.0

3397	Guscio	575	3682	3726	570	23	30.0
3398	Guscio	3682	3683	3727	3726	23	30.0
3399	Guscio	3683	3684	3728	3727	23	30.0
3400	Guscio	3684	3685	3729	3728	23	30.0
3401	Guscio	3685	3686	3730	3729	23	30.0
3402	Guscio	3686	3687	3731	3730	23	30.0
3403	Guscio	3687	3717	3688	3731	23	30.0
3404	Guscio	580	3705	3682	575	23	30.0
3405	Guscio	3705	3707	3683	3682	23	30.0
3406	Guscio	3707	3709	3684	3683	23	30.0
3407	Guscio	3709	3711	3685	3684	23	30.0
3408	Guscio	3711	3713	3686	3685	23	30.0
3409	Guscio	3692	435	430		23	30.0
3410	Guscio	3691	3692	430	1728	23	30.0
3411	Guscio	3734	3733	3736	3735	23	30.0
3412	Guscio	3735	3736	3738	3737	23	30.0
3413	Guscio	3737	3738	3740	3739	23	30.0
3414	Guscio	3739	3740	3742	3741	23	30.0
3415	Guscio	3741	3742	610	2251	23	30.0
3416	Guscio	3748	3668	3694	3749	23	30.0
3417	Guscio	3749	3694	3695	3750	23	30.0
3418	Guscio	3750	3695	3696	3751	23	30.0
3419	Guscio	3751	3696	3697	3752	23	30.0
3420	Guscio	3752	3697	2254	2249	23	30.0
3421	Guscio	3743	3703	3725	3753	23	30.0
3422	Guscio	3753	3725	3504	3755	23	30.0
3423	Guscio	3755	3504	3505	3759	23	30.0
3424	Guscio	3759	3505	3506	3754	23	30.0
3425	Guscio	3754	3506	2319	2297	23	30.0
3426	Guscio	3628	3743	3753	3629	23	30.0
3427	Guscio	3629	3753	3755	3756	23	30.0
3428	Guscio	3769	3770	45	40	23	30.0
3429	Guscio	3769	3770	3772	3771	23	30.0
3430	Guscio	3771	3772	3774	3773	23	30.0
3431	Guscio	3773	3774	3776	3775	23	30.0
3432	Guscio	3775	3776	3778	3777	23	30.0
3433	Guscio	3777	3778	3780	3779	23	30.0
3434	Guscio	3779	3780	3733	3734	23	30.0
3435	Guscio	3781	3734	3735	3782	23	30.0
3436	Guscio	3782	3735	3737	3783	23	30.0
3437	Guscio	3783	3737	3739	3784	23	30.0
3438	Guscio	3784	3739	3741	3554	23	30.0
3439	Guscio	3554	3741	2251	2282	23	30.0
3440	Guscio	3756	3755	3759	3757	23	30.0
3441	Guscio	3757	3759	3754	3758	23	30.0
3442	Guscio	3758	3754	2297	70	23	30.0
3443	Guscio	3574	3596	3597	3760	23	30.0
3444	Guscio	3760	3597	3605	3761	23	30.0
3445	Guscio	20	25	3507	3766	23	30.0
3446	Guscio	3766	3507	3572	3598	23	30.0
3447	Guscio	3598	3572	3698	3618	23	30.0
3448	Guscio	3618	3698	3745	3638	23	30.0
3449	Guscio	3638	3745	3746	3640	23	30.0
3450	Guscio	3640	3746	3747	3681	23	30.0
3451	Guscio	3681	3747	3668	3748	23	30.0
3452	Guscio	35	40	3769	3509	23	30.0
3453	Guscio	3509	3769	3771	3510	23	30.0
3454	Guscio	3510	3771	3773	3511	23	30.0
3455	Guscio	3511	3773	3775	3512	23	30.0
3456	Guscio	3512	3775	3777	3533	23	30.0
3457	Guscio	3533	3777	3779	3534	23	30.0
3458	Guscio	3534	3779	3734	3781	23	30.0
3459	Guscio	3567	3781	3782	3568	23	30.0
3460	Guscio	3568	3782	3783	3569	23	30.0
3461	Guscio	3569	3783	3784	3570	23	30.0
3462	Guscio	3570	3784	3554	3571	23	30.0
3463	Guscio	3571	3554	2282	2306	23	30.0
3464	Guscio	3703	3748	3749	3725	23	30.0
3465	Guscio	3725	3749	3750	3504	23	30.0
3466	Guscio	3504	3750	3751	3505	23	30.0
3467	Guscio	3505	3751	3752	3506	23	30.0
3468	Guscio	3506	3752	2249	2319	23	30.0
3469	Guscio	3761	3605	3625	3762	23	30.0
3470	Guscio	3762	3625	3627	3763	23	30.0
3471	Guscio	3763	3627	3743	3628	23	30.0
3472	Guscio	9	10	3577	3573	23	30.0
3473	Guscio	3573	3577	3596	3574	23	30.0

3474	Guscio	10	15	3701	3577	23	30.0
3475	Guscio	3577	3701	3702	3596	23	30.0
3476	Guscio	30	35	3509	3631	23	30.0
3477	Guscio	3631	3509	3510	3633	23	30.0
3478	Guscio	3633	3510	3511	3641	23	30.0
3479	Guscio	3641	3511	3512	3665	23	30.0
3480	Guscio	3665	3512	3533	3666	23	30.0
3481	Guscio	3666	3533	3534	3667	23	30.0
3482	Guscio	3667	3534	3781	3567	23	30.0
3483	Guscio	3668	3567	3568	3694	23	30.0
3484	Guscio	3694	3568	3569	3695	23	30.0
3485	Guscio	3695	3569	3570	3696	23	30.0
3486	Guscio	3696	3570	3571	3697	23	30.0
3487	Guscio	3697	3571	2306	2254	23	30.0
3488	Guscio	3596	3702	3704	3597	23	30.0
3489	Guscio	3597	3704	3723	3605	23	30.0
3490	Guscio	3605	3723	3724	3625	23	30.0
3491	Guscio	3625	3724	3732	3627	23	30.0
3492	Guscio	3627	3732	3703	3743	23	30.0
3493	Guscio	15	20	3766	3701	23	30.0
3494	Guscio	3701	3766	3598	3702	23	30.0
3495	Guscio	3702	3598	3618	3704	23	30.0
3496	Guscio	3704	3618	3638	3723	23	30.0
3497	Guscio	3723	3638	3640	3724	23	30.0
3498	Guscio	3724	3640	3681	3732	23	30.0
3499	Guscio	3732	3681	3748	3703	23	30.0
3500	Guscio	25	30	3631	3507	23	30.0
3501	Guscio	3507	3631	3633	3572	23	30.0
3502	Guscio	3572	3633	3641	3698	23	30.0
3503	Guscio	3698	3641	3665	3745	23	30.0
3504	Guscio	3745	3665	3666	3746	23	30.0
3505	Guscio	3746	3666	3667	3747	23	30.0
3506	Guscio	3747	3667	3567	3668	23	30.0
3507	Guscio	3786	3787	3785		23	30.0
3508	Guscio	3788	3786	3785		23	30.0
3509	Guscio	3790	3786	3789		23	30.0
3510	Guscio	3792	3791	3786		23	30.0
3511	Guscio	3790	3793	3786		23	30.0
3512	Guscio	3793	3792	3786		23	30.0
3513	Guscio	3786	3791	3787		23	30.0
3514	Guscio	3789	3786	3788		23	30.0
3515	Guscio	3787	3794	3795	3785	23	30.0
3516	Guscio	3788	3785	3797	3796	23	30.0
3517	Guscio	3798	3790	3789	3799	23	30.0
3518	Guscio	3800	3801	3791	3792	23	30.0
3519	Guscio	3802	3793	3790	3798	23	30.0
3520	Guscio	3803	3800	3792	3793	23	30.0
3521	Guscio	3791	3804	3794	3787	23	30.0
3522	Guscio	3789	3788	3796	3805	23	30.0
3523	Guscio	3794	3806	3807	3795	23	30.0
3524	Guscio	3796	3797	3809	3808	23	30.0
3525	Guscio	3810	3798	3799	3811	23	30.0
3526	Guscio	3812	3813	3801	3800	23	30.0
3527	Guscio	3814	3802	3798	3810	23	30.0
3528	Guscio	3815	3812	3800	3803	23	30.0
3529	Guscio	3804	3816	3806	3794	23	30.0
3530	Guscio	3805	3796	3808	3817	23	30.0
3531	Guscio	3806	3818	3819	3807	23	30.0
3532	Guscio	3808	3809	3821	3820	23	30.0
3533	Guscio	3822	3810	3811	3823	23	30.0
3534	Guscio	3824	3825	3813	3812	23	30.0
3535	Guscio	3826	3814	3810	3822	23	30.0
3536	Guscio	3827	3824	3812	3815	23	30.0
3537	Guscio	3816	3828	3818	3806	23	30.0
3538	Guscio	3817	3808	3820	3829	23	30.0
3539	Guscio	3818	3830	3831	3819	23	30.0
3540	Guscio	3820	3821	640	635	23	30.0
3541	Guscio	721	3822	3823	115	23	30.0
3542	Guscio	150	155	3825	3824	23	30.0
3543	Guscio	716	3826	3822	721	23	30.0
3544	Guscio	4432	150	3824	3827	23	30.0
3545	Guscio	3828	662	3830	3818	23	30.0
3546	Guscio	3829	3820	635	630	23	30.0
3547	Guscio	3785	3795	664		23	30.0
3548	Guscio	3797	3785	664		23	30.0
3549	Guscio	3799	3789	665		23	30.0
3550	Guscio	3801	666	3791		23	30.0

3551	Guscio	3802	667	3793		23	30.0
3552	Guscio	667	3803	3793		23	30.0
3553	Guscio	3791	666	3804		23	30.0
3554	Guscio	665	3789	3805		23	30.0
3555	Guscio	3795	3807	668	664	23	30.0
3556	Guscio	3797	664	669	3809	23	30.0
3557	Guscio	3811	3799	665	670	23	30.0
3558	Guscio	3813	671	666	3801	23	30.0
3559	Guscio	672	667	3802	3814	23	30.0
3560	Guscio	673	3815	3803	667	23	30.0
3561	Guscio	666	674	3816	3804	23	30.0
3562	Guscio	665	3805	3817	675	23	30.0
3563	Guscio	3807	3819	676	668	23	30.0
3564	Guscio	3809	669	677	3821	23	30.0
3565	Guscio	3823	3811	670	678	23	30.0
3566	Guscio	3825	679	671	3813	23	30.0
3567	Guscio	680	672	3814	3826	23	30.0
3568	Guscio	681	3827	3815	673	23	30.0
3569	Guscio	674	682	3828	3816	23	30.0
3570	Guscio	675	3817	3829	683	23	30.0
3571	Guscio	3819	3831	684	676	23	30.0
3572	Guscio	3821	677	645	640	23	30.0
3573	Guscio	115	3823	678	686	23	30.0
3574	Guscio	155	160	679	3825	23	30.0
3575	Guscio	110	680	3826	716	23	30.0
3576	Setto	3839	741	742	3840	23	145.0
3577	Setto	3841	743	741	3839	23	145.0
3578	Setto	3842	744	743	3841	23	145.0
3579	Setto	2417	745	744	3842	23	145.0
3580	Setto	3844	3839	3840	3845	23	145.0
3581	Setto	3846	3841	3839	3844	23	145.0
3582	Setto	3847	3842	3841	3846	23	145.0
3583	Setto	2530	2417	3842	3847	23	145.0
3584	Setto	3849	3844	3845	3850	23	145.0
3585	Setto	261	3846	3844	3849	23	145.0
3586	Setto	262	3847	3846	261	23	145.0
3587	Setto	2682	2530	3847	262	23	145.0
3588	Setto	264	3849	3850	265	23	145.0
3589	Setto	266	261	3849	264	23	145.0
3590	Setto	267	262	261	266	23	145.0
3591	Setto	2580	2682	262	267	23	145.0
3592	Setto	269	264	265	270	23	145.0
3593	Setto	271	266	264	269	23	145.0
3594	Setto	272	267	266	271	23	145.0
3595	Setto	2465	2580	267	272	23	145.0
3596	Setto	274	269	270	275	23	145.0
3597	Setto	276	271	269	274	23	145.0
3598	Setto	277	272	271	276	23	145.0
3599	Setto	2356	2465	272	277	23	145.0
3600	Setto	279	274	275	280	23	145.0
3601	Setto	283	276	274	279	23	145.0
3602	Setto	284	277	276	283	23	145.0
3603	Setto	2697	2356	277	284	23	145.0
3604	Setto	288	279	280	290	23	145.0
3605	Setto	291	283	279	288	23	145.0
3606	Setto	292	284	283	291	23	145.0
3607	Setto	2634	2697	284	292	23	145.0
3608	Setto	294	288	290	295	23	145.0
3609	Setto	296	291	288	294	23	145.0
3610	Setto	297	292	291	296	23	145.0
3611	Setto	2584	2634	292	297	23	145.0
3612	Setto	299	294	295	300	23	145.0
3613	Setto	301	296	294	299	23	145.0
3614	Setto	302	297	296	301	23	145.0
3615	Setto	2534	2584	297	302	23	145.0
3616	Setto	304	299	300	305	23	145.0
3617	Setto	306	301	299	304	23	145.0
3618	Setto	307	302	301	306	23	145.0
3619	Setto	2484	2534	302	307	23	145.0
3620	Setto	309	304	305	310	23	145.0
3621	Setto	311	306	304	309	23	145.0
3622	Setto	312	307	306	311	23	145.0
3623	Setto	2434	2484	307	312	23	145.0
3624	Setto	314	309	310	315	23	145.0
3625	Setto	316	311	309	314	23	145.0
3626	Setto	317	312	311	316	23	145.0
3627	Setto	2384	2434	312	317	23	145.0

3628	Setto	319	314	315	320	23	145.0
3629	Setto	321	316	314	319	23	145.0
3630	Setto	322	317	316	321	23	145.0
3631	Guscio	322	317	2384	2731	23	145.0
3632	Setto	615	319	320	620	23	145.0
3633	Setto	650	321	319	615	23	145.0
3634	Setto	655	322	321	650	23	145.0
3635	Guscio	655	322	2731	2707	23	145.0
3636	Setto	685	615	620	688	23	145.0
3637	Setto	689	650	615	685	23	145.0
3638	Setto	691	655	650	689	23	145.0
3639	Guscio	691	655	2707	2683	23	145.0
3640	Setto	707	685	688	730	23	145.0
3641	Setto	735	689	685	707	23	145.0
3642	Setto	1280	691	689	735	23	145.0
3643	Guscio	1280	691	2683	2659	23	145.0
3644	Setto	1735	707	730	1736	23	145.0
3645	Setto	1834	735	707	1735	23	145.0
3646	Setto	1846	1280	735	1834	23	145.0
3647	Guscio	1846	1280	2659	2635	23	145.0
3648	Setto	741	2083	2213	742	23	145.0
3649	Setto	743	2215	2083	741	23	145.0
3650	Setto	744	2228	2215	743	23	145.0
3651	Setto	745	2767	2228	744	23	145.0
3652	Setto	2083	2248	2364	2213	23	145.0
3653	Setto	2215	2365	2248	2083	23	145.0
3654	Setto	2228	2395	2365	2215	23	145.0
3655	Setto	2767	2798	2395	2228	23	145.0
3656	Setto	2248	2443	2467	2364	23	145.0
3657	Setto	2365	2491	2443	2248	23	145.0
3658	Setto	2395	2515	2491	2365	23	145.0
3659	Setto	2798	2822	2515	2395	23	145.0
3660	Setto	2443	2563	2587	2467	23	145.0
3661	Setto	2491	2611	2563	2443	23	145.0
3662	Setto	2515	2681	2611	2491	23	145.0
3663	Setto	2822	2846	2681	2515	23	145.0
3664	Setto	2563	2797	2838	2587	23	145.0
3665	Setto	2611	2844	2797	2563	23	145.0
3666	Setto	2681	2845	2844	2611	23	145.0
3667	Setto	2846	2870	2845	2681	23	145.0
3668	Setto	2797	2910	2938	2838	23	145.0
3669	Setto	2844	3059	2910	2797	23	145.0
3670	Setto	2845	3060	3059	2844	23	145.0
3671	Setto	2870	2894	3060	2845	23	145.0
3672	Setto	2910	3272	3490	2938	23	145.0
3673	Setto	3059	3491	3272	2910	23	145.0
3674	Setto	3060	3508	3491	3059	23	145.0
3675	Setto	2894	2918	3508	3060	23	145.0
3676	Setto	3272	3514	3535	3490	23	145.0
3677	Setto	3491	3553	3514	3272	23	145.0
3678	Setto	3508	3575	3553	3491	23	145.0
3679	Setto	2918	2088	3575	3508	23	145.0
3680	Setto	3851	326	327	3852	23	110.0
3681	Setto	3853	328	326	3851	23	110.0
3682	Setto	3854	329	328	3853	23	110.0
3683	Setto	2796	330	329	3854	23	110.0
3684	Setto	3856	3851	3852	3857	23	110.0
3685	Setto	3858	3853	3851	3856	23	110.0
3686	Setto	3859	3854	3853	3858	23	110.0
3687	Setto	2909	2796	3854	3859	23	110.0
3688	Setto	3861	3856	3857	3862	23	110.0
3689	Setto	3863	3858	3856	3861	23	110.0
3690	Setto	3864	3859	3858	3863	23	110.0
3691	Setto	2794	2909	3859	3864	23	110.0
3692	Setto	3866	256	257	3867	23	110.0
3693	Setto	3868	258	256	3866	23	110.0
3694	Setto	3869	259	258	3868	23	110.0
3695	Setto	2633	260	259	3869	23	110.0
3696	Setto	3871	3866	3867	3872	23	110.0
3697	Setto	3873	3868	3866	3871	23	110.0
3698	Setto	3874	3869	3868	3873	23	110.0
3699	Setto	2355	2633	3869	3874	23	110.0
3700	Setto	3876	3871	3872	3877	23	110.0
3701	Setto	3878	3873	3871	3876	23	110.0
3702	Setto	3879	3874	3873	3878	23	110.0
3703	Setto	2631	2355	3874	3879	23	110.0
3704	Setto	3881	3876	3877	3882	23	110.0

3705	Setto	3883	3878	3876	3881	23	110.0
3706	Setto	3884	3879	3878	3883	23	110.0
3707	Setto	2529	2631	3879	3884	23	110.0
3708	Setto	4110	4106	1300	1305	23	30.0
3709	Setto	4114	4110	1305	1335	23	30.0
3710	Setto	1561	3884	3883	3888	23	110.0
3711	Setto	2414	2529	3884	1561	23	110.0
3712	Setto	4217	4114	1335	1314	23	30.0
3713	Setto	4221	4217	1314	1315	23	30.0
3714	Setto	1566	1561	3888	1565	23	110.0
3715	Setto	2722	2414	1561	1566	23	110.0
3716	Setto	4225	4221	1315	1320	23	30.0
3717	Setto	1941	4225	1320	1325	23	30.0
3718	Setto	1571	1566	1565	1570	23	110.0
3719	Setto	2672	2722	1566	1571	23	110.0
3720	Setto	1573	1568	1569	1574	23	110.0
3721	Setto	1575	1570	1568	1573	23	110.0
3722	Setto	1576	1571	1570	1575	23	110.0
3723	Setto	2609	2672	1571	1576	23	110.0
3724	Setto	1578	1573	1574	1579	23	110.0
3725	Setto	1580	1575	1573	1578	23	110.0
3726	Setto	1581	1576	1575	1580	23	110.0
3727	Setto	2559	2609	1576	1581	23	110.0
3728	Setto	1583	1578	1579	1584	23	110.0
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3730	Setto	1586	1581	1580	1585	23	110.0
3731	Setto	1955	2559	1581	1586	23	110.0
3732	Setto	1588	1583	1584	1589	23	110.0
3733	Setto	1590	1585	1583	1588	23	110.0
3734	Setto	1591	1586	1585	1590	23	110.0
3735	Setto	2459	1955	1586	1591	23	110.0
3736	Setto	1593	1588	1589	1594	23	110.0
3737	Setto	1595	1590	1588	1593	23	110.0
3738	Setto	1596	1591	1590	1595	23	110.0
3739	Setto	2409	2459	1591	1596	23	110.0
3740	Setto	1598	1593	1594	1599	23	110.0
3741	Setto	1600	1595	1593	1598	23	110.0
3742	Setto	1601	1596	1595	1600	23	110.0
3743	Guscio	2352	2409	1596	1601	23	110.0
3744	Setto	1603	1598	1599	1604	23	110.0
3745	Setto	1605	1600	1598	1603	23	110.0
3746	Setto	1606	1601	1600	1605	23	110.0
3747	Guscio	2719	2352	1601	1606	23	110.0
3748	Setto	1608	1603	1604	1609	23	110.0
3749	Setto	1610	1605	1603	1608	23	110.0
3750	Setto	1611	1606	1605	1610	23	110.0
3751	Guscio	2695	2719	1606	1611	23	110.0
3752	Setto	1613	1608	1609	1614	23	110.0
3753	Setto	1615	1610	1608	1613	23	110.0
3754	Setto	105	1611	1610	1615	23	110.0
3755	Guscio	2671	2695	1611	105	23	110.0
3756	Setto	1612	1587	1592	80	23	110.0
3757	Setto	85	1597	1587	1612	23	110.0
3758	Setto	2834	1602	1597	85	23	110.0
3759	Guscio	2383	2407	1602	2834	23	110.0
3760	Setto	3566	1612	80	3693	23	110.0
3761	Setto	3744	85	1612	3566	23	110.0
3762	Setto	661	2834	85	3744	23	110.0
3763	Guscio	2340	2383	2834	661	23	110.0
3764	Setto	3889	656	657	3890	23	125.0
3765	Setto	3891	658	656	3889	23	125.0
3766	Setto	3892	659	658	3891	23	125.0
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3768	Setto	3894	3889	3890	3895	23	125.0
3769	Setto	3896	3891	3889	3894	23	125.0
3770	Setto	3897	3892	3891	3896	23	125.0
3771	Setto	83	113	3892	3897	23	125.0
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3774	Setto	3902	3897	3896	3901	23	125.0
3775	Setto	684	83	3897	3902	23	125.0
3776	Setto	3904	3899	3900	3905	23	125.0
3777	Setto	3906	3901	3899	3904	23	125.0
3778	Setto	3907	3902	3901	3906	23	125.0
3779	Setto	3831	684	3902	3907	23	125.0
3780	Setto	3909	3904	3905	3910	23	125.0
3781	Setto	3911	3906	3904	3909	23	125.0

3782	Setto	3912	3907	3906	3911	23	125.0
3783	Setto	3830	3831	3907	3912	23	125.0
3784	Setto	3708	3710	4002		23	25.0
3785	Setto	2673	4045	2464		23	70.0
3786	Setto	3532	3912	3911	3489	23	125.0
3787	Setto	662	3830	3912	3532	23	125.0
3788	Setto	3722	3914	3915	3552	23	125.0
3789	Setto	3595	3489	3914	3722	23	125.0
3790	Setto	3616	3532	3489	3595	23	125.0
3791	Setto	690	662	3532	3616	23	125.0
3792	Setto	3144	3722	3552	3893	23	125.0
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3794	Setto	3903	3616	3595	3898	23	125.0
3795	Setto	106	690	3616	3903	23	125.0
3796	Setto	3913	3144	3893	3679	23	125.0
3797	Setto	3659	3898	3144	3913	23	125.0
3798	Setto	3908	3903	3898	3659	23	125.0
3799	Setto	102	106	3903	3908	23	125.0
3800	Setto	171	3913	3679	172	23	125.0
3801	Setto	173	3659	3913	171	23	125.0
3802	Setto	174	3908	3659	173	23	125.0
3803	Setto	175	102	3908	174	23	125.0
3804	Setto	3917	3056	560	805	23	125.0
3805	Setto	3919	3917	805	810	23	125.0
3806	Setto	3921	3919	810	815	23	125.0
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3809	Setto	3927	3925	825	830	23	125.0
3810	Setto	3929	3927	830	835	23	125.0
3811	Setto	3050	3929	835	840	23	125.0
3812	Setto	3917	3044	3056		23	125.0
3813	Setto	3050	3038	3929		23	125.0
3814	Setto	3930	3044	3917	3919	23	125.0
3815	Setto	3931	3930	3919	3921	23	125.0
3816	Setto	3932	3931	3921	3923	23	125.0
3817	Setto	3933	3932	3923	3925	23	125.0
3818	Setto	3934	3933	3925	3927	23	125.0
3819	Setto	3038	3934	3927	3929	23	125.0
3820	Setto	3930	3024	3044		23	125.0
3821	Setto	3038	3018	3934		23	125.0
3822	Setto	3935	3024	3930	3931	23	125.0
3823	Setto	3936	3935	3931	3932	23	125.0
3824	Setto	3937	3936	3932	3933	23	125.0
3825	Setto	3018	3937	3933	3934	23	125.0
3826	Setto	3935	2996	3024		23	125.0
3827	Setto	2986	2996	3935	3936	23	125.0
3828	Setto	2987	2986	3936	3937	23	125.0
3829	Setto	3018	2987	3937		23	125.0
3830	Setto	3939	3162	840	845	23	125.0
3831	Setto	3941	3939	845	850	23	125.0
3832	Setto	3943	3941	850	855	23	125.0
3833	Setto	3945	3943	855	860	23	125.0
3834	Setto	3947	3945	860	865	23	125.0
3835	Setto	3171	3947	865	3116	23	125.0
3836	Setto	3939	3165	3162		23	125.0
3837	Setto	3171	3159	3947		23	125.0
3838	Setto	3948	3165	3939	3941	23	125.0
3839	Setto	3949	3948	3941	3943	23	125.0
3840	Setto	3950	3949	3943	3945	23	125.0
3841	Setto	3159	3950	3945	3947	23	125.0
3842	Setto	3951	3145	3165	3948	23	125.0
3843	Setto	3952	3951	3948	3949	23	125.0
3844	Setto	3953	3952	3949	3950	23	125.0
3845	Setto	3139	3953	3950	3159	23	125.0
3846	Setto	3951	3117	3145		23	125.0
3847	Setto	3139	3108	3953		23	125.0
3848	Setto	3107	3117	3951	3952	23	125.0
3849	Setto	3108	3107	3952	3953	23	125.0
3850	Setto	3955	3274	3116	870	23	125.0
3851	Setto	3957	3955	870	875	23	125.0
3852	Setto	3959	3957	875	880	23	125.0
3853	Setto	3961	3959	880	885	23	125.0
3854	Setto	3963	3961	885	890	23	125.0
3855	Setto	3965	3963	890	895	23	125.0
3856	Setto	3967	3965	895	900	23	125.0
3857	Setto	3223	3967	900	905	23	125.0
3858	Setto	3955	3275	3274		23	125.0

3859	Setto	3223	3269	3967		23	125.0
3860	Setto	3968	3275	3955	3957	23	125.0
3861	Setto	3969	3968	3957	3959	23	125.0
3862	Setto	3970	3969	3959	3961	23	125.0
3863	Setto	3971	3970	3961	3963	23	125.0
3864	Setto	3972	3971	3963	3965	23	125.0
3865	Setto	3269	3972	3965	3967	23	125.0
3866	Setto	3968	3255	3275		23	125.0
3867	Setto	3269	3249	3972		23	125.0
3868	Setto	3973	3255	3968	3969	23	125.0
3869	Setto	3974	3973	3969	3970	23	125.0
3870	Setto	3975	3974	3970	3971	23	125.0
3871	Setto	3249	3975	3971	3972	23	125.0
3872	Setto	3973	3227	3255		23	125.0
3873	Setto	3217	3227	3973	3974	23	125.0
3874	Setto	3218	3217	3974	3975	23	125.0
3875	Setto	3249	3218	3975		23	125.0
3876	Setto	3977	3396	905	910	23	125.0
3877	Guscio	3979	3977	910	915	23	125.0
3878	Guscio	3981	3979	915	920	23	125.0
3879	Guscio	3983	3981	920	925	23	125.0
3880	Guscio	3985	3983	925	930	23	125.0
3881	Guscio	3987	3985	930	935	23	125.0
3882	Guscio	3390	3987	935	940	23	125.0
3883	Setto	3977	3384	3396		23	125.0
3884	Setto	3390	3378	3987		23	125.0
3885	Setto	3988	3384	3977	3979	23	125.0
3886	Setto	3989	3988	3979	3981	23	125.0
3887	Setto	3928	3989	3981	3983	23	125.0
3888	Setto	3940	3928	3983	3985	23	125.0
3889	Setto	3378	3940	3985	3987	23	125.0
3890	Setto	3954	3364	3384	3988	23	125.0
3891	Setto	3958	3954	3988	3989	23	125.0
3892	Setto	3916	3958	3989	3928	23	125.0
3893	Setto	3918	3916	3928	3940	23	125.0
3894	Setto	3358	3918	3940	3378	23	125.0
3895	Setto	3954	3336	3364		23	125.0
3896	Setto	3358	3327	3918		23	125.0
3897	Setto	3327	3326	3916	3918	23	125.0
3898	Setto	3326	3336	3954	3958	23	125.0
3899	Setto	3916	3326	3958		23	125.0
3900	Setto	3922	3463	940	945	23	125.0
3901	Setto	3926	3922	945	950	23	125.0
3902	Setto	3938	3926	950	955	23	125.0
3903	Setto	3942	3938	955	960	23	125.0
3904	Setto	3946	3942	960	965	23	125.0
3905	Setto	3956	3946	965	970	23	125.0
3906	Setto	3960	3956	970	975	23	125.0
3907	Setto	3964	3960	975	980	23	125.0
3908	Setto	3976	3964	980	985	23	125.0
3909	Setto	3459	3976	985	990	23	125.0
3910	Setto	3330	3463	3922		23	125.0
3911	Setto	3459	3394	3976		23	125.0
3912	Setto	3978	3330	3922	3926	23	125.0
3913	Setto	3980	3978	3926	3938	23	125.0
3914	Setto	3982	3980	3938	3942	23	125.0
3915	Setto	3984	3982	3942	3946	23	125.0
3916	Setto	3986	3984	3946	3956	23	125.0
3917	Setto	3920	3986	3956	3960	23	125.0
3918	Setto	3924	3920	3960	3964	23	125.0
3919	Setto	3394	3924	3964	3976	23	125.0
3920	Setto	3400	3330	3978		23	125.0
3921	Setto	3394	3381	3924		23	125.0
3922	Setto	3980	3400	3978		23	125.0
3923	Setto	3924	3381	3920		23	125.0
3924	Setto	3962	3400	3980	3982	23	125.0
3925	Setto	3944	3962	3982	3984	23	125.0
3926	Setto	3966	3944	3984	3986	23	125.0
3927	Setto	3381	3966	3986	3920	23	125.0
3928	Setto	3962	3465	3400		23	125.0
3929	Setto	3454	3465	3962	3944	23	125.0
3930	Setto	3455	3454	3944	3966	23	125.0
3931	Setto	3381	3455	3966		23	125.0
3932	Setto	3991	3758	70	65	23	110.0
3933	Setto	3993	3991	65	60	23	110.0
3934	Setto	3995	3993	60	3994	23	110.0
3935	Setto	3997	3995	3994	55	23	110.0

3936	Setto	3999	3997	55	50	23	110.0
3937	Setto	3573	3999	50	9	23	110.0
3938	Setto	2675	4223	2674		23	70.0
3939	Setto	2677	4080	2416		23	70.0
3940	Setto	2674	4223	2673		23	70.0
3941	Setto	55	3994	4003	54	23	110.0
3942	Setto	4004	3757	3758	3991	23	110.0
3943	Setto	4005	4004	3991	3993	23	110.0
3944	Setto	4006	4005	3993	3995	23	110.0
3945	Setto	4007	4006	3995	3997	23	110.0
3946	Setto	4008	4007	3997	3999	23	110.0
3947	Setto	3574	4008	3999	3573	23	110.0
3948	Setto	4009	3756	3757	4004	23	110.0
3949	Setto	4010	4009	4004	4005	23	110.0
3950	Setto	4011	4010	4005	4006	23	110.0
3951	Setto	4012	4011	4006	4007	23	110.0
3952	Setto	4013	4012	4007	4008	23	110.0
3953	Setto	3760	4013	4008	3574	23	110.0
3954	Setto	4009	3629	3756		23	110.0
3955	Setto	3760	3761	4013		23	110.0
3956	Setto	4014	3629	4009	4010	23	110.0
3957	Setto	4015	4014	4010	4011	23	110.0
3958	Setto	4016	4015	4011	4012	23	110.0
3959	Setto	3761	4016	4012	4013	23	110.0
3960	Setto	4014	3628	3629		23	110.0
3961	Setto	3763	3628	4014	4015	23	110.0
3962	Setto	3762	3763	4015	4016	23	110.0
3963	Setto	3761	3762	4016		23	110.0
3964	Setto	4018	2242	100	95	23	110.0
3965	Setto	4020	4018	95	125	23	110.0
3966	Setto	4022	4020	125	120	23	110.0
3967	Setto	4024	4022	120	75	23	110.0
3968	Setto	2295	4024	75	70	23	110.0
3969	Setto	4025	2241	2242	4018	23	110.0
3970	Setto	4026	4025	4018	4020	23	110.0
3971	Setto	4027	4026	4020	4022	23	110.0
3972	Setto	4028	4027	4022	4024	23	110.0
3973	Setto	2296	4028	4024	2295	23	110.0
3974	Setto	4029	2240	2241	4025	23	110.0
3975	Setto	4030	4029	4025	4026	23	110.0
3976	Setto	4031	4030	4026	4027	23	110.0
3977	Setto	4032	4031	4027	4028	23	110.0
3978	Setto	2244	4032	4028	2296	23	110.0
3979	Setto	4029	2305	2240		23	110.0
3980	Setto	2244	2245	4032		23	110.0
3981	Setto	4033	2305	4029	4030	23	110.0
3982	Setto	4034	4033	4030	4031	23	110.0
3983	Setto	2245	4034	4031	4032	23	110.0
3984	Setto	4033	2304	2305		23	110.0
3985	Setto	2247	2304	4033		23	110.0
3986	Setto	2246	2247	4033	4034	23	110.0
3987	Setto	2245	2246	4034		23	110.0
3988	Setto	3990	3461	990	995	23	145.0
3989	Setto	3992	3990	995	1000	23	145.0
3990	Setto	3996	3992	1000	1005	23	145.0
3991	Setto	3998	3996	1005	1010	23	145.0
3992	Setto	3478	3998	1010	390	23	145.0
3993	Setto	4017	3448	3461	3990	23	145.0
3994	Setto	4019	4017	3990	3992	23	145.0
3995	Setto	4021	4019	3992	3996	23	145.0
3996	Setto	4023	4021	3996	3998	23	145.0
3997	Setto	3360	4023	3998	3478	23	145.0
3998	Setto	4017	3383	3448		23	145.0
3999	Setto	3360	3402	4023		23	145.0
4000	Setto	3457	3383	4017		23	145.0
4001	Setto	3402	3466	4023		23	145.0
4002	Setto	3456	3457	4017	4019	23	145.0
4003	Setto	3466	3456	4019	4021	23	145.0
4004	Setto	4023	3466	4021		23	145.0
4005	Guscio	250	245	4036	4040	23	110.0
4006	Setto	1840	4040	250	255	23	110.0
4007	Setto	4041	1835	1782		23	110.0
4008	Setto	1815	1835	4041	4042	23	110.0
4009	Setto	1785	1815	4042	4044	23	110.0
4010	Setto	1784	1785	4044	4046	23	110.0
4011	Setto	1793	1784	4046	4048	23	110.0
4012	Setto	1821	1793	4048	4036	23	110.0

4013	Setto	1841	1821	4036	4040	23	110.0
4014	Setto	1840	1841	4040		23	110.0
4015	Guscio	215	210	1782		23	110.0
4016	Setto	260	1840	255		23	110.0
4017	Guscio	220	215	1782	4041	23	110.0
4018	Guscio	225	220	4041	4042	23	110.0
4019	Guscio	230	225	4042	4044	23	110.0
4020	Guscio	235	230	4044	4046	23	110.0
4021	Guscio	240	235	4046	4048	23	110.0
4022	Guscio	245	240	4048	4036	23	110.0
4023	Guscio	2796	330	1726		23	110.0
4024	Setto	210	1732	205		23	110.0
4025	Guscio	2909	2796	1726	4050	23	110.0
4026	Guscio	2794	2909	4050	4051	23	110.0
4027	Guscio	180	2794	4051	4052	23	110.0
4028	Guscio	185	180	4052	4053	23	110.0
4029	Guscio	190	185	4053	4054	23	110.0
4030	Guscio	195	190	4054	4055	23	110.0
4031	Guscio	200	195	4055	4056	23	110.0
4032	Setto	1732	4056	200	205	23	110.0
4033	Setto	4050	1714	1726		23	110.0
4034	Setto	1694	1714	4050	4051	23	110.0
4035	Setto	1664	1694	4051	4052	23	110.0
4036	Setto	1663	1664	4052	4053	23	110.0
4037	Setto	1672	1663	4053	4054	23	110.0
4038	Setto	1700	1672	4054	4055	23	110.0
4039	Setto	1720	1700	4055	4056	23	110.0
4040	Setto	1732	1720	4056		23	110.0
4041	Guscio	2633	260	1903		23	110.0
4042	Setto	1955	1961	2559		23	110.0
4043	Guscio	2355	2633	1903	4057	23	110.0
4044	Guscio	2631	2355	4057	4058	23	110.0
4045	Guscio	2529	2631	4058	4059	23	110.0
4046	Guscio	2414	2529	4059	4060	23	110.0
4047	Guscio	2722	2414	4060	4061	23	110.0
4048	Guscio	2672	2722	4061	4062	23	110.0
4049	Guscio	2609	2672	4062	4063	23	110.0
4050	Guscio	2559	2609	4063	1961	23	110.0
4051	Setto	4057	1956	1903		23	110.0
4052	Setto	1936	1956	4057	4058	23	110.0
4053	Setto	1906	1936	4058	4059	23	110.0
4054	Setto	1905	1906	4059	4060	23	110.0
4055	Setto	1914	1905	4060	4061	23	110.0
4056	Setto	1942	1914	4061	4062	23	110.0
4057	Setto	1962	1942	4062	4063	23	110.0
4058	Setto	1961	1962	4063		23	110.0
4059	Guscio	2459	1955	2073		23	110.0
4060	Guscio	2081	2599	2079		23	110.0
4061	Guscio	2409	2459	2073	4064	23	110.0
4062	Guscio	2352	2409	4064	4065	23	110.0
4063	Guscio	2719	2352	4065	4066	23	110.0
4064	Guscio	2695	2719	4066	4067	23	110.0
4065	Guscio	2671	2695	4067	4068	23	110.0
4066	Guscio	2647	2671	4068	4069	23	110.0
4067	Guscio	2623	2647	4069	4070	23	110.0
4068	Guscio	2599	2623	4070	2079	23	110.0
4069	Setto	4064	2061	2073		23	110.0
4070	Setto	2041	2061	4064	4065	23	110.0
4071	Setto	2011	2041	4065	4066	23	110.0
4072	Setto	2010	2011	4066	4067	23	110.0
4073	Setto	2019	2010	4067	4068	23	110.0
4074	Setto	2047	2019	4068	4069	23	110.0
4075	Setto	2067	2047	4069	4070	23	110.0
4076	Setto	2079	2067	4070		23	110.0
4077	Guscio	2205	2551	2081		23	110.0
4078	Guscio	175	2340	2211		23	110.0
4079	Guscio	2527	2551	2205	4071	23	110.0
4080	Guscio	2503	2527	4071	4072	23	110.0
4081	Guscio	2479	2503	4072	4073	23	110.0
4082	Guscio	2455	2479	4073	4074	23	110.0
4083	Guscio	2431	2455	4074	4075	23	110.0
4084	Guscio	2407	2431	4075	4076	23	110.0
4085	Guscio	2383	2407	4076	4077	23	110.0
4086	Guscio	2340	2383	4077	2211	23	110.0
4087	Setto	4071	2193	2205		23	110.0
4088	Setto	2173	2193	4071	4072	23	110.0
4089	Setto	2143	2173	4072	4073	23	110.0

4090	Setto	2142	2143	4073	4074	23	110.0
4091	Setto	2151	2142	4074	4075	23	110.0
4092	Setto	2179	2151	4075	4076	23	110.0
4093	Setto	2199	2179	4076	4077	23	110.0
4094	Setto	2211	2199	4077		23	110.0
4095	Setto	3052	4079	505	500	23	110.0
4096	Setto	4079	4081	510	505	23	110.0
4097	Setto	4081	4083	515	510	23	110.0
4098	Setto	4083	4085	520	515	23	110.0
4099	Setto	4085	4087	525	520	23	110.0
4100	Setto	4087	4089	530	525	23	110.0
4101	Setto	4089	3054	535	530	23	110.0
4102	Setto	4089	3042	3054		23	110.0
4103	Setto	3052	3040	4079		23	110.0
4104	Setto	3040	3020	4081	4079	23	110.0
4105	Setto	3022	3042	4089	4087	23	110.0
4106	Setto	2994	3022	4087	4085	23	110.0
4107	Setto	2990	2994	4085	4083	23	110.0
4108	Setto	2991	2990	4083	4081	23	110.0
4109	Setto	3020	2991	4081		23	110.0
4110	Setto	3114	4091	480	475	23	110.0
4111	Setto	4091	4093	485	480	23	110.0
4112	Setto	4093	4095	490	485	23	110.0
4113	Setto	4095	4097	495	490	23	110.0
4114	Setto	4097	3142	500	495	23	110.0
4115	Setto	3161	4098	4091	3114	23	110.0
4116	Setto	4098	4099	4093	4091	23	110.0
4117	Setto	4099	4100	4095	4093	23	110.0
4118	Setto	4100	4101	4097	4095	23	110.0
4119	Setto	4101	3163	3142	4097	23	110.0
4120	Setto	4101	3143	3163		23	110.0
4121	Setto	3115	3143	4101	4100	23	110.0
4122	Setto	3111	3115	4100	4099	23	110.0
4123	Setto	3161	3141	4098		23	110.0
4124	Setto	3141	3112	4098		23	110.0
4125	Setto	3112	3111	4099	4098	23	110.0
4126	Setto	430	3226	435		23	110.0
4127	Setto	470	3254	475		23	110.0
4128	Setto	3226	4103	440	435	23	110.0
4129	Setto	4103	4105	445	440	23	110.0
4130	Setto	4105	4107	450	445	23	110.0
4131	Setto	4107	4109	455	450	23	110.0
4132	Setto	4109	4111	460	455	23	110.0
4133	Setto	4111	4113	465	460	23	110.0
4134	Setto	4113	3254	470	465	23	110.0
4135	Setto	3226	3271	4103		23	110.0
4136	Setto	4113	3273	3254		23	110.0
4137	Setto	3271	3251	4103		23	110.0
4138	Setto	3251	3222	4105	4103	23	110.0
4139	Setto	3222	3221	4107	4105	23	110.0
4140	Setto	3221	3225	4109	4107	23	110.0
4141	Setto	3225	3253	4111	4109	23	110.0
4142	Setto	3253	3273	4113	4111	23	110.0
4143	Guscio	4115	1725	330	395	23	110.0
4144	Guscio	537	4115	395	400	23	110.0
4145	Guscio	547	537	400	405	23	110.0
4146	Guscio	410	536	547	405	23	110.0
4147	Guscio	415	539	536	410	23	110.0
4148	Guscio	420	541	539	415	23	110.0
4149	Guscio	425	544	541	420	23	110.0
4150	Guscio	430	1731	544	425	23	110.0
4151	Setto	4115	1713	1725		23	110.0
4152	Setto	1693	1713	4115	537	23	110.0
4153	Setto	1662	1693	537	547	23	110.0
4154	Setto	1661	1662	547	536	23	110.0
4155	Setto	1671	1661	536	539	23	110.0
4156	Setto	1699	1671	539	541	23	110.0
4157	Setto	1719	1699	541	544	23	110.0
4158	Setto	1731	1719	544		23	110.0
4159	Setto	385	2937	390		23	110.0
4160	Setto	330	2837	335		23	110.0
4161	Setto	4117	556	557	4118	23	100.0
4162	Setto	4119	558	556	4117	23	100.0
4163	Setto	4120	559	558	4119	23	100.0
4164	Setto	4121	560	559	4120	23	100.0
4165	Setto	4122	4117	4118	4123	23	100.0
4166	Setto	4124	4119	4117	4122	23	100.0

4167	Setto	4125	4120	4119	4124	23	100.0
4168	Setto	4126	4121	4120	4125	23	100.0
4169	Setto	4127	4122	4123	4128	23	100.0
4170	Setto	4129	4124	4122	4127	23	100.0
4171	Setto	4130	4125	4124	4129	23	100.0
4172	Setto	4131	4126	4125	4130	23	100.0
4173	Setto	4132	4127	4128	4133	23	100.0
4174	Setto	4134	4129	4127	4132	23	100.0
4175	Setto	4135	4130	4129	4134	23	100.0
4176	Setto	4136	4131	4130	4135	23	100.0
4177	Setto	4137	4132	4133	4138	23	100.0
4178	Setto	4139	4134	4132	4137	23	100.0
4179	Setto	4140	4135	4134	4139	23	100.0
4180	Setto	4141	4136	4135	4140	23	100.0
4181	Setto	4142	4137	4138	4143	23	100.0
4182	Setto	4144	4139	4137	4142	23	100.0
4183	Setto	4145	4140	4139	4144	23	100.0
4184	Setto	4146	4141	4140	4145	23	100.0
4185	Setto	4147	4142	4143	4148	23	100.0
4186	Setto	586	4144	4142	4147	23	100.0
4187	Setto	587	4145	4144	586	23	100.0
4188	Setto	588	4146	4145	587	23	100.0
4189	Setto	589	4147	4148	590	23	100.0
4190	Setto	591	586	4147	589	23	100.0
4191	Setto	592	587	586	591	23	100.0
4192	Setto	593	588	587	592	23	100.0
4193	Setto	594	589	590	595	23	100.0
4194	Setto	596	591	589	594	23	100.0
4195	Setto	597	592	591	596	23	100.0
4196	Setto	598	593	592	597	23	100.0
4197	Setto	531	594	595	532	23	100.0
4198	Setto	533	596	594	531	23	100.0
4199	Setto	4149	41	42	4150	23	145.0
4200	Setto	4151	43	41	4149	23	145.0
4201	Setto	4152	44	43	4151	23	145.0
4202	Setto	4153	45	44	4152	23	145.0
4203	Setto	4154	4149	4150	4155	23	145.0
4204	Setto	4156	4151	4149	4154	23	145.0
4205	Setto	4157	4152	4151	4156	23	145.0
4206	Setto	4158	4153	4152	4157	23	145.0
4207	Setto	4159	4154	4155	4160	23	145.0
4208	Setto	4161	4156	4154	4159	23	145.0
4209	Setto	4162	4157	4156	4161	23	145.0
4210	Setto	4163	4158	4157	4162	23	145.0
4211	Setto	4164	4159	4160	4165	23	145.0
4212	Setto	4166	4161	4159	4164	23	145.0
4213	Setto	4167	4162	4161	4166	23	145.0
4214	Setto	4168	4163	4162	4167	23	145.0
4215	Setto	4169	4164	4165	4170	23	145.0
4216	Setto	4171	4166	4164	4169	23	145.0
4217	Setto	4172	4167	4166	4171	23	145.0
4218	Setto	4173	4168	4167	4172	23	145.0
4219	Setto	4174	4169	4170	4175	23	145.0
4220	Setto	4176	4171	4169	4174	23	145.0
4221	Setto	4177	4172	4171	4176	23	145.0
4222	Setto	4178	4173	4172	4177	23	145.0
4223	Setto	4179	4174	4175	4180	23	145.0
4224	Setto	4181	4176	4174	4179	23	145.0
4225	Setto	4182	4177	4176	4181	23	145.0
4226	Setto	4183	4178	4177	4182	23	145.0
4227	Setto	4184	4179	4180	4185	23	145.0
4228	Setto	4186	4181	4179	4184	23	145.0
4229	Setto	4187	4182	4181	4186	23	145.0
4230	Setto	4188	4183	4182	4187	23	145.0
4231	Setto	4189	4184	4185	4190	23	145.0
4232	Setto	4191	4186	4184	4189	23	145.0
4233	Setto	4192	4187	4186	4191	23	145.0
4234	Setto	4193	4188	4187	4192	23	145.0
4235	Setto	606	4189	4190	607	23	145.0
4236	Setto	608	4191	4189	606	23	145.0
4237	Setto	609	4192	4191	608	23	145.0
4238	Setto	610	4193	4192	609	23	145.0
4239	Setto	4194	3770	45	4153	23	145.0
4240	Guscio	4158	4153	4194	4195	23	145.0
4241	Guscio	4163	4158	4195	4196	23	145.0
4242	Guscio	4168	4163	4196	4197	23	145.0
4243	Guscio	4173	4168	4197	4198	23	145.0

4244	Guscio	4178	4173	4198	4199	23	145.0
4245	Guscio	4183	4178	4199	4200	23	145.0
4246	Guscio	4188	4183	4200	4201	23	145.0
4247	Guscio	4193	4188	4201	4202	23	145.0
4248	Guscio	610	4193	4202	3742	23	145.0
4249	Setto	4203	3772	3770	4194	23	145.0
4250	Setto	4204	4203	4194	4195	23	145.0
4251	Setto	4205	4204	4195	4196	23	145.0
4252	Setto	4206	4205	4196	4197	23	145.0
4253	Setto	4207	4206	4197	4198	23	145.0
4254	Setto	4208	4207	4198	4199	23	145.0
4255	Setto	4209	4208	4199	4200	23	145.0
4256	Setto	4210	4209	4200	4201	23	145.0
4257	Setto	4211	4210	4201	4202	23	145.0
4258	Setto	3740	4211	4202	3742	23	145.0
4259	Setto	4203	3774	3772		23	145.0
4260	Setto	3776	3774	4203	4204	23	145.0
4261	Setto	3740	3738	4211		23	145.0
4262	Setto	3738	3736	4210	4211	23	145.0
4263	Setto	3736	3733	4209	4210	23	145.0
4264	Setto	3778	3776	4204	4205	23	145.0
4265	Setto	4206	3778	4205		23	145.0
4266	Setto	4209	3733	4208		23	145.0
4267	Setto	3733	3780	4207	4208	23	145.0
4268	Setto	3780	3778	4206	4207	23	145.0
4269	Guscio	610	2209	1420		23	30.0
4270	Guscio	1390	1385	2207		23	30.0
4271	Guscio	2209	4212	1415	1420	23	30.0
4272	Guscio	4212	4213	1410	1415	23	30.0
4273	Guscio	4213	4214	1405	1410	23	30.0
4274	Guscio	1405	1400	4215	4214	23	30.0
4275	Guscio	1400	1395	4216	4215	23	30.0
4276	Guscio	1395	1390	2207	4216	23	30.0
4277	Setto	2209	2197	4212		23	30.0
4278	Setto	4216	2195	2207		23	30.0
4279	Setto	2197	2177	4212		23	30.0
4280	Setto	2175	2195	4216		23	30.0
4281	Setto	2177	2149	4213	4212	23	30.0
4282	Setto	2149	2146	4214	4213	23	30.0
4283	Setto	2146	2147	4215	4214	23	30.0
4284	Setto	2147	2175	4216	4215	23	30.0
4285	Setto	4218	2367	660	113	23	125.0
4286	Setto	4220	4218	113	83	23	125.0
4287	Setto	4222	4220	83	684	23	125.0
4288	Setto	4224	4222	684	3831	23	125.0
4289	Setto	4226	4224	3831	3830	23	125.0
4290	Setto	4228	4226	3830	662	23	125.0
4291	Setto	4230	4228	662	690	23	125.0
4292	Setto	4232	4230	690	106	23	125.0
4293	Setto	4234	4232	106	102	23	125.0
4294	Setto	2339	4234	102	175	23	125.0
4295	Setto	4235	2369	2367	4218	23	125.0
4296	Setto	4236	4235	4218	4220	23	125.0
4297	Setto	4237	4236	4220	4222	23	125.0
4298	Setto	4238	4237	4222	4224	23	125.0
4299	Setto	4239	4238	4224	4226	23	125.0
4300	Setto	1212	4239	4226	4228	23	125.0
4301	Setto	511	1212	4228	4230	23	125.0
4302	Setto	512	511	4230	4232	23	125.0
4303	Setto	513	512	4232	4234	23	125.0
4304	Setto	2337	513	4234	2339	23	125.0
4305	Setto	4235	2371	2369		23	125.0
4306	Setto	2337	2335	513		23	125.0
4307	Setto	2373	2371	4235	4236	23	125.0
4308	Setto	2335	2333	512	513	23	125.0
4309	Setto	4239	2377	4238		23	125.0
4310	Setto	1212	2377	4239		23	125.0
4311	Setto	2330	2377	1212	511	23	125.0
4312	Setto	2333	2330	511	512	23	125.0
4313	Setto	2377	2375	4237	4238	23	125.0
4314	Setto	2375	2373	4236	4237	23	125.0
4315	Setto	481	3488	1145	1150	23	25.0
4316	Setto	482	481	1150	1155	23	25.0
4317	Setto	483	482	1155	1160	23	25.0
4318	Setto	1733	483	1160	1165	23	25.0
4319	Setto	2046	1733	1165	1170	23	25.0
4320	Setto	1361	2046	1170	1175	23	25.0

4321	Setto	1362	1361	1175	1180	23	25.0
4322	Setto	1366	1362	1180	1185	23	25.0
4323	Setto	1367	1366	1185	1190	23	25.0
4324	Setto	3516	1367	1190	1195	23	25.0
4325	Setto	3516	3518	1367		23	25.0
4326	Setto	481	3486	3488		23	25.0
4327	Setto	3518	1331	1366	1367	23	25.0
4328	Setto	1331	1332	1362	1366	23	25.0
4329	Setto	1332	1281	1361	1362	23	25.0
4330	Setto	1281	1282	2046	1361	23	25.0
4331	Setto	1282	1213	1733	2046	23	25.0
4332	Setto	1213	1214	483	1733	23	25.0
4333	Setto	1214	181	482	483	23	25.0
4334	Setto	181	3486	481	482	23	25.0
4335	Setto	3518	3520	1331		23	25.0
4336	Setto	3520	3522	1332	1331	23	25.0
4337	Setto	3522	3524	1281	1332	23	25.0
4338	Setto	3524	3526	1282	1281	23	25.0
4339	Setto	3526	3479	1213	1282	23	25.0
4340	Setto	3479	3482	1214	1213	23	25.0
4341	Setto	3482	3484	181	1214	23	25.0
4342	Setto	181	3484	3486		23	25.0
4343	Setto	3579	182	1140	1145	23	25.0
4344	Setto	182	186	1135	1140	23	25.0
4345	Setto	186	187	1130	1135	23	25.0
4346	Setto	187	231	1125	1130	23	25.0
4347	Setto	231	232	1120	1125	23	25.0
4348	Guscio	1120	1115	236	232	23	25.0
4349	Guscio	1115	1110	237	236	23	25.0
4350	Guscio	1110	1105	1564	237	23	25.0
4351	Guscio	1105	1100	3887	1564	23	25.0
4352	Guscio	1100	1095	3551	3887	23	25.0
4353	Setto	3581	1607	182	3579	23	25.0
4354	Setto	1607	2270	186	182	23	25.0
4355	Setto	2270	2810	187	186	23	25.0
4356	Setto	2810	2906	231	187	23	25.0
4357	Guscio	2906	3503	232	231	23	25.0
4358	Guscio	3503	3626	236	232	23	25.0
4359	Guscio	3626	1563	237	236	23	25.0
4360	Guscio	1563	3886	1564	237	23	25.0
4361	Guscio	3886	946	3887	1564	23	25.0
4362	Guscio	946	3549	3551	3887	23	25.0
4363	Setto	3581	3583	1607		23	25.0
4364	Setto	946	3547	3549		23	25.0
4365	Setto	3583	3585	2270	1607	23	25.0
4366	Setto	3545	3547	946	3886	23	25.0
4367	Setto	3585	3587	2810	2270	23	25.0
4368	Setto	2810	3587	2906		23	25.0
4369	Setto	3542	3545	3886	1563	23	25.0
4370	Setto	3626	3542	1563		23	25.0
4371	Setto	3587	3589	3503	2906	23	25.0
4372	Setto	3589	3542	3626	3503	23	25.0
4373	Setto	3643	947	1090	1095	23	25.0
4374	Setto	947	948	1085	1090	23	25.0
4375	Setto	948	951	1080	1085	23	25.0
4376	Setto	951	952	1075	1080	23	25.0
4377	Setto	952	953	1070	1075	23	25.0
4378	Setto	953	956	1065	1070	23	25.0
4379	Setto	956	957	1060	1065	23	25.0
4380	Setto	957	958	1055	1060	23	25.0
4381	Setto	958	961	1050	1055	23	25.0
4382	Setto	961	3615	585	1050	23	25.0
4383	Setto	3645	962	947	3643	23	25.0
4384	Setto	962	963	948	947	23	25.0
4385	Setto	963	966	951	948	23	25.0
4386	Setto	966	967	952	951	23	25.0
4387	Setto	967	968	953	952	23	25.0
4388	Setto	968	916	956	953	23	25.0
4389	Setto	916	917	957	956	23	25.0
4390	Setto	917	918	958	957	23	25.0
4391	Setto	918	881	961	958	23	25.0
4392	Setto	881	3613	3615	961	23	25.0
4393	Setto	3645	3647	962		23	25.0
4394	Setto	881	3611	3613		23	25.0
4395	Setto	3609	3611	881	918	23	25.0
4396	Setto	3647	3649	963	962	23	25.0
4397	Setto	3606	3609	918	917	23	25.0

4398	Setto	3649	3651	966	963	23	25.0
4399	Setto	966	3651	967		23	25.0
4400	Setto	916	3606	917		23	25.0
4401	Setto	3653	3606	916	968	23	25.0
4402	Setto	3651	3653	968	967	23	25.0
4403	Setto	3706	882	1045	585	23	25.0
4404	Setto	882	883	1040	1045	23	25.0
4405	Setto	883	846	1035	1040	23	25.0
4406	Setto	846	847	1030	1035	23	25.0
4407	Setto	2463	2680	4333	5059	23	70.0
4408	Setto	5059	4333	4336	4273	23	70.0
4409	Setto	4273	4336	4414	4463	23	70.0
4410	Setto	4463	4414	4332	4338	23	70.0
4411	Setto	2680	2679	4346	4333	23	70.0
4412	Setto	4333	4346	4343	4336	23	70.0
4413	Setto	4336	4343	6101	4414	23	70.0
4414	Setto	4414	6101	6104	4332	23	70.0
4415	Setto	2679	6108	6106	4346	23	70.0
4416	Setto	4346	6106	6109	4343	23	70.0
4417	Setto	6095	2339	175		23	125.0
4418	Setto	4872	1730	569		23	30.0
4419	Setto	4376	4383	2371	2373	23	125.0
4420	Setto	4383	5220	2369	2371	23	125.0
4421	Setto	2369	5220	5219	2367	23	125.0
4422	Setto	4873	1730	4872		23	30.0
4423	Setto	5998	4823	4826	5890	23	125.0
4424	Setto	6003	4829	4823	5998	23	125.0
4425	Setto	6012	4835	4829	6003	23	125.0
4426	Setto	6017	4849	4835	6012	23	125.0
4427	Setto	4823	4853	4854	4826	23	125.0
4428	Setto	4829	4857	4853	4823	23	125.0
4429	Setto	4835	4859	4857	4829	23	125.0
4430	Setto	4849	4861	4859	4835	23	125.0
4431	Setto	4853	4357	2333	4854	23	125.0
4432	Setto	4857	4360	4357	4853	23	125.0
4433	Setto	4859	4361	4360	4857	23	125.0
4434	Setto	4861	4362	4361	4859	23	125.0
4435	Setto	4357	4364	2330	2333	23	125.0
4436	Setto	4360	4366	4364	4357	23	125.0
4437	Setto	4284	4285	4247	4246	23	100.0
4438	Setto	4286	4287	4285	4284	23	100.0
4439	Setto	4288	4289	4287	4286	23	100.0
4440	Setto	4290	4291	4289	4288	23	100.0
4441	Setto	4285	4292	4251	4247	23	100.0
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4443	Setto	4289	4294	4293	4287	23	100.0
4444	Setto	4291	4295	4294	4289	23	100.0
4445	Setto	4292	4296	3023	4251	23	100.0
4446	Setto	4293	4297	4296	4292	23	100.0
4447	Setto	4294	4298	4297	4293	23	100.0
4448	Setto	4295	4299	4298	4294	23	100.0
4449	Setto	4296	4300	2995	3023	23	100.0
4450	Setto	4297	4301	4300	4296	23	100.0
4451	Setto	4298	4302	4301	4297	23	100.0
4452	Setto	4299	4303	4302	4298	23	100.0
4453	Setto	4300	4304	2992	2995	23	100.0
4454	Setto	4301	4305	4304	4300	23	100.0
4455	Setto	4302	4306	4305	4301	23	100.0
4456	Setto	4303	4307	4306	4302	23	100.0
4457	Setto	4304	4308	2993	2992	23	100.0
4458	Setto	4305	4309	4308	4304	23	100.0
4459	Setto	4306	4310	4309	4305	23	100.0
4460	Setto	4307	4311	4310	4306	23	100.0
4461	Setto	4308	4312	3021	2993	23	100.0
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4463	Setto	4310	4314	4313	4309	23	100.0
4464	Setto	4311	4315	4314	4310	23	100.0
4465	Setto	4312	4316	4275	3021	23	100.0
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4467	Setto	4314	4318	4317	4313	23	100.0
4468	Setto	4315	4319	4318	4314	23	100.0
4469	Setto	4316	4320	4279	4275	23	100.0
4470	Setto	4317	4321	4320	4316	23	100.0
4471	Setto	4318	4322	4321	4317	23	100.0
4472	Setto	4319	4323	4322	4318	23	100.0
4473	Setto	4320	4324	4283	4279	23	100.0
4474	Setto	4321	4325	4324	4320	23	100.0

4475	Setto	4322	4326	4325	4321	23	100.0
4476	Setto	4323	4327	4326	4322	23	100.0
4477	Setto	4377	4384	4381	4374	23	125.0
4478	Setto	4378	6100	4384	4377	23	125.0
4479	Setto	4379	6103	6100	4378	23	125.0
4480	Setto	4381	5257	5220	4383	23	125.0
4481	Setto	4384	5258	5257	4381	23	125.0
4482	Setto	6100	5259	5258	4384	23	125.0
4483	Setto	6103	5260	5259	6100	23	125.0
4484	Setto	2335	4854	2333		23	125.0
4485	Setto	4826	4854	2335	2337	23	125.0
4486	Setto	5890	4826	2337	5889	23	125.0
4487	Setto	5889	2337	2339	6095	23	125.0
4488	Setto	4242	4256	4254	4271	23	110.0
4489	Setto	6098	4257	4444	4883	23	70.0
4490	Setto	4883	4444	4451	4348	23	70.0
4491	Setto	4422	2463	5059	4356	23	70.0
4492	Setto	4356	5059	4273	4257	23	70.0
4493	Setto	4257	4273	4463	4444	23	70.0
4494	Setto	4444	4463	4338	4451	23	70.0
4495	Setto	4251	3023	3043		23	100.0
4496	Setto	3021	4275	3041		23	100.0
4497	Setto	4247	4251	3043	3055	23	100.0
4498	Setto	4275	4279	3053	3041	23	100.0
4499	Setto	4246	4247	3055	4244	23	100.0
4500	Setto	4279	4283	4282	3053	23	100.0
4501	Setto	4241	4244	3055		23	100.0
4502	Setto	4241	3055	535		23	100.0
4503	Setto	3053	4282	4280		23	100.0
4504	Setto	4867	4374	4376	2373	23	125.0
4505	Setto	4851	4377	4374	4867	23	125.0
4506	Setto	4852	4378	4377	4851	23	125.0
4507	Setto	4372	4379	4378	4852	23	125.0
4508	Setto	4369	6099	6091	4367	23	125.0
4509	Setto	4419	4428	4425	4457	23	110.0
4510	Setto	4421	4430	4432	140	23	110.0
4511	Setto	4425	4434	4430	4421	23	110.0
4512	Setto	4428	4440	4434	4425	23	110.0
4513	Setto	4430	4442	150	4432	23	110.0
4514	Setto	4434	4354	4442	4430	23	110.0
4515	Setto	4440	4393	4354	4434	23	110.0
4516	Setto	4245	4258	4256	4242	23	110.0
4517	Setto	4442	4395	155	150	23	110.0
4518	Setto	4354	4398	4395	4442	23	110.0
4519	Setto	4393	4402	4398	4354	23	110.0
4520	Setto	4395	4404	160	155	23	110.0
4521	Setto	4398	4412	4404	4395	23	110.0
4522	Setto	4402	4416	4412	4398	23	110.0
4523	Setto	4404	4328	165	160	23	110.0
4524	Setto	4412	4331	4328	4404	23	110.0
4525	Setto	4416	4334	4331	4412	23	110.0
4526	Setto	4328	4335	170	165	23	110.0
4527	Setto	4331	4344	4335	4328	23	110.0
4528	Setto	4334	4347	4344	4331	23	110.0
4529	Setto	4335	6095	175	170	23	110.0
4530	Setto	4344	5889	6095	4335	23	110.0
4531	Setto	4347	5890	5889	4344	23	110.0
4532	Setto	5149	4274	4453	5078	23	110.0
4533	Setto	5150	4250	4274	5149	23	110.0
4534	Setto	5151	4255	4250	5150	23	110.0
4535	Setto	5152	4267	4255	5151	23	110.0
4536	Setto	4274	4271	4419	4453	23	110.0
4537	Setto	4250	4242	4271	4274	23	110.0
4538	Setto	4255	4245	4242	4250	23	110.0
4539	Setto	4267	4252	4245	4255	23	110.0
4540	Setto	5056	4380	4375	4340	23	90.0
4541	Setto	1219	4385	6094	4400	23	90.0
4542	Setto	4799	4448	4385	1219	23	90.0
4543	Setto	4375	4456	4448	4799	23	90.0
4544	Setto	4380	4423	4456	4375	23	90.0
4545	Setto	4271	4254	4428	4419	23	110.0
4546	Setto	4385	4353	4265	6094	23	90.0
4547	Setto	4448	4396	4353	4385	23	90.0
4548	Setto	4456	4410	4396	4448	23	90.0
4549	Setto	4423	4329	4410	4456	23	90.0
4550	Setto	4353	4337	6093	4265	23	90.0
4551	Setto	4396	4889	4337	4353	23	90.0

4552	Setto	4410	4373	4889	4396	23	90.0
4553	Setto	4329	4426	4373	4410	23	90.0
4554	Setto	4337	4248	6110	6093	23	90.0
4555	Setto	4889	4411	4248	4337	23	90.0
4556	Setto	5051	5369	5373	5053	23	70.0
4557	Setto	2679	2678	6108		23	70.0
4558	Setto	5049	5365	5369	5051	23	70.0
4559	Setto	2678	2677	5054	6108	23	70.0
4560	Setto	2464	2463	4422		23	70.0
4561	Setto	2673	2464	4422	6097	23	70.0
4562	Setto	4832	2416	5377		23	70.0
4563	Setto	2415	745	5376		23	70.0
4564	Setto	6094	4265	4240	4268	23	90.0
4565	Setto	4399	4277	2282	2306	23	90.0
4566	Setto	4240	4341	4277	4399	23	90.0
4567	Setto	4265	6093	4341	4240	23	90.0
4568	Setto	4277	6107	2251	2282	23	90.0
4569	Setto	4341	4365	6107	4277	23	90.0
4570	Setto	6093	6110	4365	4341	23	90.0
4571	Setto	6107	4686	610	2251	23	90.0
4572	Setto	4365	4687	4686	6107	23	90.0
4573	Setto	6110	4688	4687	4365	23	90.0
4574	Setto	5129	4892	4342	5063	23	90.0
4575	Setto	5130	4467	4892	5129	23	90.0
4576	Setto	5131	4466	4467	5130	23	90.0
4577	Setto	5132	4445	4466	5131	23	90.0
4578	Setto	4892	4358	4387	4342	23	90.0
4579	Setto	4467	4263	4358	4892	23	90.0
4580	Setto	4466	4340	4263	4467	23	90.0
4581	Setto	4445	5056	4340	4466	23	90.0
4582	Setto	4358	1219	4400	4387	23	90.0
4583	Setto	4263	4799	1219	4358	23	90.0
4584	Setto	4340	4375	4799	4263	23	90.0
4585	Setto	6096	5998	5890	4347	23	110.0
4586	Setto	5116	6003	5998	6096	23	110.0
4587	Setto	5046	6012	6003	5116	23	110.0
4588	Setto	6105	6017	6012	5046	23	110.0
4589	Setto	5061	4802	2297	70	23	90.0
4590	Setto	5062	4249	4802	5061	23	90.0
4591	Setto	5063	4342	4249	5062	23	90.0
4592	Setto	4802	4368	2319	2297	23	90.0
4593	Setto	4249	4382	4368	4802	23	90.0
4594	Setto	4342	4387	4382	4249	23	90.0
4595	Setto	4368	4418	2249	2319	23	90.0
4596	Setto	4382	4392	4418	4368	23	90.0
4597	Setto	4387	4400	4392	4382	23	90.0
4598	Setto	4418	4259	2254	2249	23	90.0
4599	Setto	4392	4268	4259	4418	23	90.0
4600	Setto	4400	6094	4268	4392	23	90.0
4601	Setto	4259	4399	2306	2254	23	90.0
4602	Setto	4268	4240	4399	4259	23	90.0
4603	Setto	4266	4278	4276	4264	23	110.0
4604	Setto	4270	4885	4278	4266	23	110.0
4605	Setto	4272	4345	4402	4393	23	110.0
4606	Setto	4276	5055	4345	4272	23	110.0
4607	Setto	4278	5058	5055	4276	23	110.0
4608	Setto	4885	4793	5058	4278	23	110.0
4609	Setto	4345	4796	4416	4402	23	110.0
4610	Setto	5055	4805	4796	4345	23	110.0
4611	Setto	5058	4281	4805	5055	23	110.0
4612	Setto	4793	4403	4281	5058	23	110.0
4613	Setto	4796	4330	4334	4416	23	110.0
4614	Setto	4805	4386	4330	4796	23	110.0
4615	Setto	4281	4261	4386	4805	23	110.0
4616	Setto	4403	4269	4261	4281	23	110.0
4617	Setto	4330	6096	4347	4334	23	110.0
4618	Setto	4386	5116	6096	4330	23	110.0
4619	Setto	4261	5046	5116	4386	23	110.0
4620	Setto	4269	6105	5046	4261	23	110.0
4621	Setto	4252	4260	4258	4245	23	110.0
4622	Setto	4254	4262	4440	4428	23	110.0
4623	Setto	4256	4264	4262	4254	23	110.0
4624	Setto	4258	4266	4264	4256	23	110.0
4625	Setto	4260	4270	4266	4258	23	110.0
4626	Setto	4262	4272	4393	4440	23	110.0
4627	Setto	4264	4276	4272	4262	23	110.0
4628	Setto	3053	4280	560		23	100.0

4629	Setto	4374	4381	4383	4376	23	125.0
4630	Setto	4471	4405	2986	2987	23	125.0
4631	Setto	4473	4417	4405	4471	23	125.0
4632	Setto	4474	4469	4417	4473	23	125.0
4633	Setto	4475	4470	4469	4474	23	125.0
4634	Setto	4476	4471	2987	3018	23	125.0
4635	Setto	4479	4473	4471	4476	23	125.0
4636	Setto	4480	4474	4473	4479	23	125.0
4637	Setto	4481	4475	4474	4480	23	125.0
4638	Setto	4482	4476	3018	4484	23	125.0
4639	Setto	4485	4479	4476	4482	23	125.0
4640	Setto	4486	4480	4479	4485	23	125.0
4641	Setto	4487	4481	4480	4486	23	125.0
4642	Setto	4489	4482	4484	4490	23	125.0
4643	Setto	4491	4485	4482	4489	23	125.0
4644	Setto	4492	4486	4485	4491	23	125.0
4645	Setto	4494	4487	4486	4492	23	125.0
4646	Setto	4495	4489	4490	4352	23	125.0
4647	Setto	4496	4491	4489	4495	23	125.0
4648	Setto	4497	4492	4491	4496	23	125.0
4649	Setto	4499	4494	4492	4497	23	125.0
4650	Setto	3024	4458	3044		23	125.0
4651	Setto	4484	3018	3038		23	125.0
4652	Setto	4433	4283	4282	4500	23	125.0
4653	Setto	4458	4433	4500	3044	23	125.0
4654	Setto	4490	4484	3038	4501	23	125.0
4655	Setto	4352	4490	4501	4351	23	125.0
4656	Setto	3044	4500	3056		23	125.0
4657	Setto	4501	3038	3050		23	125.0
4658	Setto	4500	4282	4280	3056	23	125.0
4659	Setto	4351	4501	3050	4349	23	125.0
4660	Setto	4349	3050	840		23	125.0
4661	Setto	3056	4280	560		23	125.0
4662	Setto	4506	4443	3117	3107	23	125.0
4663	Setto	4509	4503	4443	4506	23	125.0
4664	Setto	4510	4504	4503	4509	23	125.0
4665	Setto	4511	4505	4504	4510	23	125.0
4666	Setto	4512	4506	3107	3108	23	125.0
4667	Setto	4514	4509	4506	4512	23	125.0
4668	Setto	4515	4510	4509	4514	23	125.0
4669	Setto	4517	4511	4510	4515	23	125.0
4670	Setto	4518	4512	3108	3139	23	125.0
4671	Setto	4520	4514	4512	4518	23	125.0
4672	Setto	4522	4515	4514	4520	23	125.0
4673	Setto	4523	4517	4515	4522	23	125.0
4674	Setto	4524	4518	3139	4525	23	125.0
4675	Setto	4527	4520	4518	4524	23	125.0
4676	Setto	4528	4522	4520	4527	23	125.0
4677	Setto	4529	4523	4522	4528	23	125.0
4678	Setto	4530	4524	4525	4409	23	125.0
4679	Setto	4532	4527	4524	4530	23	125.0
4680	Setto	4533	4528	4527	4532	23	125.0
4681	Setto	4534	4529	4528	4533	23	125.0
4682	Setto	3145	4498	3165		23	125.0
4683	Setto	4498	4352	4351	3165	23	125.0
4684	Setto	3165	4351	4349	3162	23	125.0
4685	Setto	3162	4349	840		23	125.0
4686	Setto	4525	3139	3159		23	125.0
4687	Setto	4409	4525	3159	4408	23	125.0
4688	Setto	4408	3159	3171	4406	23	125.0
4689	Setto	4406	3171	3116		23	125.0
4690	Setto	4537	4493	4498	3145	23	125.0
4691	Setto	4427	4507	4493	4537	23	125.0
4692	Setto	4431	4535	4507	4427	23	125.0
4693	Setto	4435	4536	4535	4431	23	125.0
4694	Setto	4443	4537	3145	3117	23	125.0
4695	Setto	4503	4427	4537	4443	23	125.0
4696	Setto	4504	4431	4427	4503	23	125.0
4697	Setto	4505	4435	4431	4504	23	125.0
4698	Setto	4538	4530	4409	4539	23	125.0
4699	Setto	4540	4532	4530	4538	23	125.0
4700	Setto	4541	4533	4532	4540	23	125.0
4701	Setto	4542	4534	4533	4541	23	125.0
4702	Setto	4543	4538	4539	4544	23	125.0
4703	Setto	4545	4540	4538	4543	23	125.0
4704	Setto	4546	4541	4540	4545	23	125.0
4705	Setto	4547	4542	4541	4546	23	125.0

4706	Setto	4548	4543	4544	3255	23	125.0
4707	Setto	4550	4545	4543	4548	23	125.0
4708	Setto	4551	4546	4545	4550	23	125.0
4709	Setto	4552	4547	4546	4551	23	125.0
4710	Setto	4553	4548	3255	3227	23	125.0
4711	Setto	4555	4550	4548	4553	23	125.0
4712	Setto	4556	4551	4550	4555	23	125.0
4713	Setto	4557	4552	4551	4556	23	125.0
4714	Setto	4558	4553	3227	3217	23	125.0
4715	Setto	4560	4555	4553	4558	23	125.0
4716	Setto	4561	4556	4555	4560	23	125.0
4717	Setto	4562	4557	4556	4561	23	125.0
4718	Setto	4563	4558	3217	3218	23	125.0
4719	Setto	4565	4560	4558	4563	23	125.0
4720	Setto	4566	4561	4560	4565	23	125.0
4721	Setto	4567	4562	4561	4566	23	125.0
4722	Setto	4568	4563	3218	3249	23	125.0
4723	Setto	4570	4565	4563	4568	23	125.0
4724	Setto	4571	4566	4565	4570	23	125.0
4725	Setto	4572	4567	4566	4571	23	125.0
4726	Setto	4573	4568	3249	4574	23	125.0
4727	Setto	4575	4570	4568	4573	23	125.0
4728	Setto	4576	4571	4570	4575	23	125.0
4729	Setto	4577	4572	4571	4576	23	125.0
4730	Setto	4578	4573	4574	4579	23	125.0
4731	Setto	4580	4575	4573	4578	23	125.0
4732	Setto	4581	4576	4575	4580	23	125.0
4733	Setto	4582	4577	4576	4581	23	125.0
4734	Setto	4583	4578	4579	4439	23	125.0
4735	Setto	4584	4580	4578	4583	23	125.0
4736	Setto	4585	4581	4580	4584	23	125.0
4737	Setto	4586	4582	4581	4585	23	125.0
4738	Setto	3255	4544	3275		23	125.0
4739	Setto	4539	4409	4408	4587	23	125.0
4740	Setto	4544	4539	4587	3275	23	125.0
4741	Setto	4579	4574	3269	4588	23	125.0
4742	Setto	4439	4579	4588	4438	23	125.0
4743	Setto	3269	4574	3249		23	125.0
4744	Setto	3275	4587	3274		23	125.0
4745	Setto	4587	4408	4406	3274	23	125.0
4746	Setto	3274	4406	3116		23	125.0
4747	Setto	4588	3269	3223		23	125.0
4748	Setto	4438	4588	3223	4436	23	125.0
4749	Setto	4436	3223	905		23	125.0
4750	Setto	4589	4590	10	9	23	90.0
4751	Setto	4592	4593	4590	4589	23	90.0
4752	Setto	4594	4595	4593	4592	23	90.0
4753	Setto	4590	4596	15	10	23	90.0
4754	Setto	4593	4598	4596	4590	23	90.0
4755	Setto	4595	4599	4598	4593	23	90.0
4756	Setto	4596	4600	20	15	23	90.0
4757	Setto	4598	4602	4600	4596	23	90.0
4758	Setto	4599	4603	4602	4598	23	90.0
4759	Setto	4600	4604	25	20	23	90.0
4760	Setto	4602	4606	4604	4600	23	90.0
4761	Setto	4603	4607	4606	4602	23	90.0
4762	Setto	4604	4608	30	25	23	90.0
4763	Setto	4606	4610	4608	4604	23	90.0
4764	Setto	4607	4611	4610	4606	23	90.0
4765	Setto	4608	4612	35	30	23	90.0
4766	Setto	4610	4614	4612	4608	23	90.0
4767	Setto	4611	4615	4614	4610	23	90.0
4768	Setto	4612	4616	40	35	23	90.0
4769	Setto	4614	4618	4616	4612	23	90.0
4770	Setto	4615	4619	4618	4614	23	90.0
4771	Setto	4616	4620	45	40	23	90.0
4772	Setto	4618	4621	4620	4616	23	90.0
4773	Setto	4619	4622	4621	4618	23	90.0
4774	Setto	4623	4624	4595	4594	23	90.0
4775	Setto	4625	4626	4624	4623	23	90.0
4776	Setto	4627	4628	4626	4625	23	90.0
4777	Setto	4629	4630	4628	4627	23	90.0
4778	Setto	4624	4631	4599	4595	23	90.0
4779	Setto	4626	4632	4631	4624	23	90.0
4780	Setto	4628	4633	4632	4626	23	90.0
4781	Setto	4630	4634	4633	4628	23	90.0
4782	Setto	4631	4635	4603	4599	23	90.0

4783	Setto	4632	4636	4635	4631	23	90.0
4784	Setto	4633	4637	4636	4632	23	90.0
4785	Setto	4634	4638	4637	4633	23	90.0
4786	Setto	4635	4639	4607	4603	23	90.0
4787	Setto	4636	4640	4639	4635	23	90.0
4788	Setto	4637	4641	4640	4636	23	90.0
4789	Setto	4638	4642	4641	4637	23	90.0
4790	Setto	4639	4643	4611	4607	23	90.0
4791	Setto	4640	4644	4643	4639	23	90.0
4792	Setto	4641	4645	4644	4640	23	90.0
4793	Setto	4642	4646	4645	4641	23	90.0
4794	Setto	4643	4647	4615	4611	23	90.0
4795	Setto	4644	4648	4647	4643	23	90.0
4796	Setto	4645	4649	4648	4644	23	90.0
4797	Setto	4646	4650	4649	4645	23	90.0
4798	Setto	4647	4651	4619	4615	23	90.0
4799	Setto	4648	4652	4651	4647	23	90.0
4800	Setto	4649	4653	4652	4648	23	90.0
4801	Setto	4650	4654	4653	4649	23	90.0
4802	Setto	4651	4655	4622	4619	23	90.0
4803	Setto	4652	4656	4655	4651	23	90.0
4804	Setto	4653	4657	4656	4652	23	90.0
4805	Setto	4654	4658	4657	4653	23	90.0
4806	Setto	4659	4620	45	4153	23	90.0
4807	Setto	4660	4621	4620	4659	23	90.0
4808	Setto	4661	4622	4621	4660	23	90.0
4809	Setto	4662	4659	4153	4158	23	90.0
4810	Setto	4663	4660	4659	4662	23	90.0
4811	Setto	4664	4661	4660	4663	23	90.0
4812	Setto	4665	4662	4158	4163	23	90.0
4813	Setto	4666	4663	4662	4665	23	90.0
4814	Setto	4667	4664	4663	4666	23	90.0
4815	Setto	4668	4665	4163	4168	23	90.0
4816	Setto	4669	4666	4665	4668	23	90.0
4817	Setto	4670	4667	4666	4669	23	90.0
4818	Setto	4671	4668	4168	4173	23	90.0
4819	Setto	4672	4669	4668	4671	23	90.0
4820	Setto	4673	4670	4669	4672	23	90.0
4821	Setto	4674	4671	4173	4178	23	90.0
4822	Setto	4675	4672	4671	4674	23	90.0
4823	Setto	4676	4673	4672	4675	23	90.0
4824	Setto	4677	4674	4178	4183	23	90.0
4825	Setto	4678	4675	4674	4677	23	90.0
4826	Setto	4679	4676	4675	4678	23	90.0
4827	Setto	4680	4677	4183	4188	23	90.0
4828	Setto	4681	4678	4677	4680	23	90.0
4829	Setto	4682	4679	4678	4681	23	90.0
4830	Setto	4683	4680	4188	4193	23	90.0
4831	Setto	4684	4681	4680	4683	23	90.0
4832	Setto	4685	4682	4681	4684	23	90.0
4833	Setto	4686	4683	4193	610	23	90.0
4834	Setto	4687	4684	4683	4686	23	90.0
4835	Setto	4688	4685	4684	4687	23	90.0
4836	Setto	4689	4655	4622	4661	23	90.0
4837	Setto	4690	4656	4655	4689	23	90.0
4838	Setto	4691	4657	4656	4690	23	90.0
4839	Setto	4692	4658	4657	4691	23	90.0
4840	Setto	4693	4689	4661	4664	23	90.0
4841	Setto	4694	4690	4689	4693	23	90.0
4842	Setto	4695	4691	4690	4694	23	90.0
4843	Setto	4696	4692	4691	4695	23	90.0
4844	Setto	4697	4693	4664	4667	23	90.0
4845	Setto	4698	4694	4693	4697	23	90.0
4846	Setto	4699	4695	4694	4698	23	90.0
4847	Setto	4700	4696	4695	4699	23	90.0
4848	Setto	4701	4697	4667	4670	23	90.0
4849	Setto	4702	4698	4697	4701	23	90.0
4850	Setto	4703	4699	4698	4702	23	25.0
4851	Setto	4704	4700	4699	4703	23	90.0
4852	Setto	4705	4701	4670	4673	23	90.0
4853	Setto	4706	4702	4701	4705	23	90.0
4854	Setto	4707	4703	4702	4706	23	90.0
4855	Setto	4708	4704	4703	4707	23	90.0
4856	Setto	4709	4705	4673	4676	23	90.0
4857	Setto	4710	4706	4705	4709	23	90.0
4858	Setto	4711	4707	4706	4710	23	90.0
4859	Setto	4712	4708	4707	4711	23	90.0

4860	Setto	4713	4709	4676	4679	23	90.0
4861	Setto	4714	4710	4709	4713	23	90.0
4862	Setto	4715	4711	4710	4714	23	90.0
4863	Setto	4716	4712	4711	4715	23	90.0
4864	Setto	4717	4713	4679	4682	23	90.0
4865	Setto	4718	4714	4713	4717	23	90.0
4866	Setto	4719	4715	4714	4718	23	90.0
4867	Setto	4720	4716	4715	4719	23	90.0
4868	Setto	4721	4717	4682	4685	23	90.0
4869	Setto	4722	4718	4717	4721	23	90.0
4870	Setto	4723	4719	4718	4722	23	90.0
4871	Setto	4724	4720	4719	4723	23	90.0
4872	Setto	4725	4721	4685	4688	23	90.0
4873	Setto	4726	4722	4721	4725	23	90.0
4874	Setto	4727	4723	4722	4726	23	90.0
4875	Setto	4728	4724	4723	4727	23	90.0
4876	Setto	4686	4729	1420	610	23	30.0
4877	Setto	4687	4730	4729	4686	23	30.0
4878	Setto	4688	4731	4730	4687	23	30.0
4879	Setto	4729	4732	1415	1420	23	30.0
4880	Setto	4730	4733	4732	4729	23	30.0
4881	Setto	4731	4734	4733	4730	23	30.0
4882	Setto	4732	4735	1410	1415	23	30.0
4883	Setto	4733	4736	4735	4732	23	30.0
4884	Setto	4734	4737	4736	4733	23	30.0
4885	Setto	4735	4738	1405	1410	23	30.0
4886	Setto	4736	4739	4738	4735	23	30.0
4887	Setto	4737	4740	4739	4736	23	30.0
4888	Setto	4738	4741	1400	1405	23	30.0
4889	Setto	4739	4742	4741	4738	23	30.0
4890	Setto	4740	4743	4742	4739	23	30.0
4891	Setto	4741	4744	1395	1400	23	30.0
4892	Setto	4742	4745	4744	4741	23	30.0
4893	Setto	4743	4746	4745	4742	23	30.0
4894	Setto	4744	4747	1390	1395	23	30.0
4895	Setto	4745	4748	4747	4744	23	30.0
4896	Setto	4746	4749	4748	4745	23	30.0
4897	Setto	4747	4750	1385	1390	23	30.0
4898	Setto	4748	4751	4750	4747	23	30.0
4899	Setto	4749	4752	4751	4748	23	30.0
4900	Setto	4725	4753	4731	4688	23	60.0
4901	Setto	4726	4754	4753	4725	23	60.0
4902	Setto	4727	4755	4754	4726	23	60.0
4903	Setto	4728	4756	4755	4727	23	60.0
4904	Setto	4753	4757	4734	4731	23	60.0
4905	Setto	4754	4758	4757	4753	23	60.0
4906	Setto	4755	4759	4758	4754	23	60.0
4907	Setto	4756	4760	4759	4755	23	60.0
4908	Setto	4757	4761	4737	4734	23	60.0
4909	Setto	4758	4762	4761	4757	23	60.0
4910	Setto	4759	4763	4762	4758	23	60.0
4911	Setto	4760	4764	4763	4759	23	60.0
4912	Setto	4761	4765	4740	4737	23	60.0
4913	Setto	4762	4766	4765	4761	23	60.0
4914	Setto	4763	4767	4766	4762	23	60.0
4915	Setto	4764	4768	4767	4763	23	60.0
4916	Setto	4765	4769	4743	4740	23	60.0
4917	Setto	4766	4770	4769	4765	23	60.0
4918	Setto	4767	4771	4770	4766	23	60.0
4919	Setto	4768	4772	4771	4767	23	60.0
4920	Setto	4769	4773	4746	4743	23	60.0
4921	Setto	4770	4774	4773	4769	23	60.0
4922	Setto	4771	4775	4774	4770	23	60.0
4923	Setto	4772	4776	4775	4771	23	60.0
4924	Setto	4773	4777	4749	4746	23	60.0
4925	Setto	4774	4778	4777	4773	23	60.0
4926	Setto	4775	4779	4778	4774	23	60.0
4927	Setto	4776	4780	4779	4775	23	60.0
4928	Setto	4777	4781	4752	4749	23	60.0
4929	Setto	4778	4782	4781	4777	23	60.0
4930	Setto	4779	4783	4782	4778	23	60.0
4931	Setto	4780	4784	4783	4779	23	60.0
4932	Setto	4807	4800	4797	4804	23	125.0
4933	Setto	4809	4801	4800	4807	23	125.0
4934	Setto	4810	4803	4801	4809	23	125.0
4935	Guscio	3358	3327	4804	4815	23	125.0
4936	Setto	4818	4807	4804	4815	23	125.0

4937	Setto	4819	4809	4807	4818	23	125.0
4938	Setto	4821	4810	4809	4819	23	125.0
4939	Guscio	4824	3358	4815	4822	23	125.0
4940	Setto	4825	4818	4815	4822	23	125.0
4941	Setto	4827	4819	4818	4825	23	125.0
4942	Setto	4828	4821	4819	4827	23	125.0
4943	Setto	4830	4822	4824	4462	23	125.0
4944	Setto	4831	4825	4822	4830	23	125.0
4945	Setto	4833	4827	4825	4831	23	125.0
4946	Setto	4834	4828	4827	4833	23	125.0
4947	Setto	5088	5091	721	716	23	110.0
4948	Setto	5089	5092	5091	5088	23	110.0
4949	Setto	5090	5093	5092	5089	23	110.0
4950	Setto	5091	5094	115	721	23	110.0
4951	Setto	5092	5095	5094	5091	23	110.0
4952	Setto	5093	5096	5095	5092	23	110.0
4953	Setto	5094	5097	686	115	23	110.0
4954	Setto	5095	5098	5097	5094	23	110.0
4955	Setto	5096	5099	5098	5095	23	110.0
4956	Setto	5097	5100	101	686	23	110.0
4957	Setto	5098	5101	5100	5097	23	110.0
4958	Setto	5099	5102	5101	5098	23	110.0
4959	Setto	5100	5103	740	101	23	110.0
4960	Setto	5101	5104	5103	5100	23	110.0
4961	Setto	5102	5105	5104	5101	23	110.0
4962	Setto	5103	5106	90	740	23	110.0
4963	Setto	5104	5045	5106	5103	23	110.0
4964	Setto	5105	5052	5045	5104	23	110.0
4965	Guscio	4824	3378	3358		23	125.0
4966	Setto	3364	4858	3384		23	125.0
4967	Setto	4858	4439	4438	3384	23	125.0
4968	Setto	3384	4438	4436	3396	23	125.0
4969	Setto	3396	4436	905		23	125.0
4970	Setto	1938	4838	1958		23	30.0
4971	Setto	4838	4841	1913	1958	23	30.0
4972	Setto	4841	4844	4843	1913	23	30.0
4973	Setto	1960	4820	1940		23	30.0
4974	Setto	4817	4820	1960	1941	23	30.0
4975	Setto	4814	4817	1941	4813	23	30.0
4976	Setto	1913	4843	4842		23	30.0
4977	Setto	1913	4842	289		23	30.0
4978	Setto	4813	1941	4812		23	30.0
4979	Setto	4812	1941	1330		23	30.0
4980	Guscio	4461	3378	4824	4462	23	125.0
4981	Setto	5716	1840	6092		23	110.0
4982	Guscio	4459	3390	3378	4461	23	125.0
4983	Setto	4459	3390	940		23	125.0
4984	Setto	4836	4830	4462	4837	23	125.0
4985	Setto	4839	4831	4830	4836	23	125.0
4986	Setto	4840	4833	4831	4839	23	125.0
4987	Setto	4845	4834	4833	4840	23	125.0
4988	Setto	4846	4836	4837	4848	23	125.0
4989	Setto	4875	4839	4836	4846	23	125.0
4990	Setto	4876	4840	4839	4875	23	125.0
4991	Setto	4878	4845	4840	4876	23	125.0
4992	Setto	4879	4846	4848	3400	23	125.0
4993	Setto	4882	4875	4846	4879	23	125.0
4994	Setto	4884	4876	4875	4882	23	125.0
4995	Setto	4886	4878	4876	4884	23	125.0
4996	Setto	4887	4879	3400	3465	23	125.0
4997	Setto	4890	4882	4879	4887	23	125.0
4998	Setto	4891	4884	4882	4890	23	125.0
4999	Setto	4893	4886	4884	4891	23	125.0
5000	Setto	1817	4868	1837		23	30.0
5001	Setto	1792	4872	569		23	30.0
5002	Setto	1792	4873	4872		23	30.0
5003	Setto	4871	4874	4873	1792	23	30.0
5004	Setto	4868	4871	1792	1837	23	30.0
5005	Setto	1839	4850	1819		23	30.0
5006	Setto	4847	4850	1839	1820	23	30.0
5007	Setto	4844	4847	1820	4843	23	30.0
5008	Setto	4843	1820	4842		23	30.0
5009	Setto	4842	1820	289		23	30.0
5010	Setto	4894	4887	3465	4339	23	125.0
5011	Setto	4391	4890	4887	4894	23	125.0
5012	Setto	4413	4891	4890	4391	23	125.0
5013	Setto	4420	4893	4891	4413	23	125.0

5014	Setto	4860	4584	4583	4855	23	125.0
5015	Setto	4863	4585	4584	4860	23	125.0
5016	Setto	4866	4586	4585	4863	23	125.0
5017	Setto	4869	4855	4858	3364	23	125.0
5018	Setto	4785	4860	4855	4869	23	125.0
5019	Setto	4786	4863	4860	4785	23	125.0
5020	Setto	4788	4866	4863	4786	23	125.0
5021	Guscio	3336	3364	4869	4789	23	125.0
5022	Setto	4792	4785	4869	4789	23	125.0
5023	Setto	4794	4786	4785	4792	23	125.0
5024	Setto	4795	4788	4786	4794	23	125.0
5025	Setto	4797	4789	3336	3326	23	125.0
5026	Setto	4800	4792	4789	4797	23	125.0
5027	Setto	4801	4794	4792	4800	23	125.0
5028	Setto	4803	4795	4794	4801	23	125.0
5029	Guscio	3327	3326	4797	4804	23	125.0
5030	Setto	2043	4808	2063		23	30.0
5031	Setto	4808	4811	2075	2063	23	30.0
5032	Setto	4811	4814	4813	2075	23	30.0
5033	Setto	2065	4790	2045		23	30.0
5034	Setto	4787	4790	2065	2077	23	30.0
5035	Setto	4752	4787	2077	4751	23	30.0
5036	Setto	2075	4813	4812		23	30.0
5037	Setto	2075	4812	1330		23	30.0
5038	Setto	4751	2077	4750		23	30.0
5039	Setto	4750	2077	1385		23	30.0
5040	Setto	4559	4508	3381	4564	23	125.0
5041	Setto	4569	4519	4508	4559	23	125.0
5042	Setto	4870	4549	4519	4569	23	125.0
5043	Setto	4791	4554	4549	4870	23	125.0
5044	Setto	4798	4559	4564	4806	23	125.0
5045	Setto	4816	4569	4559	4798	23	125.0
5046	Setto	4881	4870	4569	4816	23	125.0
5047	Setto	4888	4791	4870	4881	23	125.0
5048	Setto	4516	4798	4806	4460	23	125.0
5049	Setto	4521	4816	4798	4516	23	125.0
5050	Setto	4526	4881	4816	4521	23	125.0
5051	Setto	4531	4888	4881	4526	23	125.0
5052	Setto	3400	4848	3330		23	125.0
5053	Setto	3394	4564	3381		23	125.0
5054	Setto	4837	4462	4461	4472	23	125.0
5055	Setto	4848	4837	4472	3330	23	125.0
5056	Setto	4806	4564	3394	4513	23	125.0
5057	Setto	4460	4806	4513	4441	23	125.0
5058	Setto	3330	4472	3463		23	125.0
5059	Setto	4513	3394	3459		23	125.0
5060	Setto	4472	4461	4459	3463	23	125.0
5061	Setto	4441	4513	3459	4437	23	125.0
5062	Setto	3463	4459	940		23	125.0
5063	Setto	4437	3459	990		23	125.0
5064	Setto	4781	4899	4787	4752	23	60.0
5065	Setto	4782	4900	4899	4781	23	60.0
5066	Setto	4783	4901	4900	4782	23	60.0
5067	Setto	4784	4902	4901	4783	23	60.0
5068	Setto	4899	4903	4790	4787	23	60.0
5069	Setto	4900	4904	4903	4899	23	60.0
5070	Setto	4901	4905	4904	4900	23	60.0
5071	Setto	4902	4906	4905	4901	23	60.0
5072	Setto	4903	4907	2045	4790	23	60.0
5073	Setto	4904	4908	4907	4903	23	60.0
5074	Setto	4905	4909	4908	4904	23	60.0
5075	Setto	4906	4910	4909	4905	23	60.0
5076	Setto	4907	4911	2017	2045	23	60.0
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5078	Setto	4909	4913	4912	4908	23	60.0
5079	Setto	4910	4914	4913	4909	23	60.0
5080	Setto	4911	4915	2014	2017	23	60.0
5081	Setto	4912	4916	4915	4911	23	60.0
5082	Setto	4913	4917	4916	4912	23	60.0
5083	Setto	4914	4918	4917	4913	23	60.0
5084	Setto	4915	4919	2015	2014	23	60.0
5085	Setto	4916	4920	4919	4915	23	60.0
5086	Setto	4917	4921	4920	4916	23	60.0
5087	Setto	4918	4922	4921	4917	23	60.0
5088	Setto	4919	4923	2043	2015	23	60.0
5089	Setto	4920	4924	4923	4919	23	60.0
5090	Setto	4921	4925	4924	4920	23	60.0

5091	Setto	4922	4926	4925	4921	23	60.0
5092	Setto	4923	4927	4808	2043	23	60.0
5093	Setto	4924	4928	4927	4923	23	60.0
5094	Setto	4925	4929	4928	4924	23	60.0
5095	Setto	4926	4930	4929	4925	23	60.0
5096	Setto	4927	4931	4811	4808	23	60.0
5097	Setto	4928	4932	4931	4927	23	60.0
5098	Setto	4929	4933	4932	4928	23	60.0
5099	Setto	4930	4934	4933	4929	23	60.0
5100	Setto	4931	4935	4814	4811	23	60.0
5101	Setto	4932	4936	4935	4931	23	60.0
5102	Setto	4933	4937	4936	4932	23	60.0
5103	Setto	4934	4938	4937	4933	23	60.0
5104	Setto	4935	4939	4817	4814	23	60.0
5105	Setto	4936	4940	4939	4935	23	60.0
5106	Setto	4937	4941	4940	4936	23	60.0
5107	Setto	4938	4942	4941	4937	23	60.0
5108	Setto	4939	4943	4820	4817	23	60.0
5109	Setto	4940	4944	4943	4939	23	60.0
5110	Setto	4941	4945	4944	4940	23	60.0
5111	Setto	4942	4946	4945	4941	23	60.0
5112	Setto	4943	4947	1940	4820	23	60.0
5113	Setto	4944	4948	4947	4943	23	60.0
5114	Setto	4945	4949	4948	4944	23	60.0
5115	Setto	4946	4950	4949	4945	23	60.0
5116	Setto	4947	4951	1912	1940	23	60.0
5117	Setto	4948	4952	4951	4947	23	60.0
5118	Setto	4949	4953	4952	4948	23	60.0
5119	Setto	4950	4954	4953	4949	23	60.0
5120	Setto	4951	4955	1909	1912	23	60.0
5121	Setto	4952	4956	4955	4951	23	60.0
5122	Setto	4953	4957	4956	4952	23	60.0
5123	Setto	4954	4958	4957	4953	23	60.0
5124	Setto	4955	4959	1910	1909	23	60.0
5125	Setto	4956	4960	4959	4955	23	60.0
5126	Setto	4957	4961	4960	4956	23	60.0
5127	Setto	4958	4962	4961	4957	23	60.0
5128	Setto	4959	4963	1938	1910	23	60.0
5129	Setto	4960	4964	4963	4959	23	60.0
5130	Setto	4961	4965	4964	4960	23	60.0
5131	Setto	4962	4966	4965	4961	23	60.0
5132	Setto	4963	4967	4838	1938	23	60.0
5133	Setto	4964	4968	4967	4963	23	60.0
5134	Setto	4965	4969	4968	4964	23	60.0
5135	Setto	4966	4970	4969	4965	23	60.0
5136	Setto	4967	4971	4841	4838	23	60.0
5137	Setto	4968	4972	4971	4967	23	60.0
5138	Setto	4969	4973	4972	4968	23	60.0
5139	Setto	4970	4974	4973	4969	23	60.0
5140	Setto	4971	4975	4844	4841	23	60.0
5141	Setto	4972	4976	4975	4971	23	60.0
5142	Setto	4973	4977	4976	4972	23	60.0
5143	Setto	4974	4978	4977	4973	23	60.0
5144	Setto	4975	4979	4847	4844	23	60.0
5145	Setto	4976	4980	4979	4975	23	60.0
5146	Setto	4977	4981	4980	4976	23	60.0
5147	Setto	4978	4982	4981	4977	23	60.0
5148	Setto	4979	4983	4850	4847	23	60.0
5149	Setto	4980	4984	4983	4979	23	60.0
5150	Setto	4981	4985	4984	4980	23	60.0
5151	Setto	4982	4986	4985	4981	23	60.0
5152	Setto	4983	4987	1819	4850	23	60.0
5153	Setto	4984	4988	4987	4983	23	60.0
5154	Setto	4985	4989	4988	4984	23	60.0
5155	Setto	4986	4990	4989	4985	23	60.0
5156	Setto	4987	4991	1791	1819	23	60.0
5157	Setto	4988	4992	4991	4987	23	60.0
5158	Setto	4989	4993	4992	4988	23	60.0
5159	Setto	4990	4994	4993	4989	23	60.0
5160	Setto	4991	4995	1788	1791	23	60.0
5161	Setto	4992	4996	4995	4991	23	60.0
5162	Setto	4993	4997	4996	4992	23	60.0
5163	Setto	4994	4998	4997	4993	23	60.0
5164	Setto	4995	4999	1789	1788	23	60.0
5165	Setto	4996	5000	4999	4995	23	60.0
5166	Setto	4997	5001	5000	4996	23	60.0
5167	Setto	4998	5002	5001	4997	23	60.0

5168	Setto	4999	5003	1817	1789	23	60.0
5169	Setto	5000	5004	5003	4999	23	60.0
5170	Setto	5001	5005	5004	5000	23	60.0
5171	Setto	5002	5006	5005	5001	23	60.0
5172	Setto	5003	5007	4868	1817	23	60.0
5173	Setto	5004	5008	5007	5003	23	60.0
5174	Setto	5005	5009	5008	5004	23	60.0
5175	Setto	5006	5010	5009	5005	23	60.0
5176	Setto	5007	5011	4871	4868	23	60.0
5177	Setto	5008	5012	5011	5007	23	60.0
5178	Setto	5009	5013	5012	5008	23	60.0
5179	Setto	5010	5014	5013	5009	23	60.0
5180	Setto	5011	5015	4874	4871	23	60.0
5181	Setto	5012	5016	5015	5011	23	60.0
5182	Setto	5013	5017	5016	5012	23	60.0
5183	Setto	5014	5018	5017	5013	23	60.0
5184	Setto	5015	5019	4877	4874	23	60.0
5185	Setto	5016	5020	5019	5015	23	60.0
5186	Setto	5017	5021	5020	5016	23	60.0
5187	Setto	5018	5022	5021	5017	23	60.0
5188	Setto	5019	5023	1698	4877	23	60.0
5189	Setto	5020	5024	5023	5019	23	60.0
5190	Setto	5021	5025	5024	5020	23	60.0
5191	Setto	5022	5026	5025	5021	23	60.0
5192	Setto	5023	5027	3700	1698	23	60.0
5193	Setto	5024	5028	5027	5023	23	60.0
5194	Setto	5025	5029	5028	5024	23	60.0
5195	Setto	5026	5030	5029	5025	23	60.0
5196	Setto	5027	5031	1667	3700	23	60.0
5197	Setto	5028	5032	5031	5027	23	60.0
5198	Setto	5029	5033	5032	5028	23	60.0
5199	Setto	5030	5034	5033	5029	23	60.0
5200	Setto	5031	5035	1668	1667	23	60.0
5201	Setto	5032	5036	5035	5031	23	60.0
5202	Setto	5033	5037	5036	5032	23	60.0
5203	Setto	5034	5038	5037	5033	23	60.0
5204	Setto	5035	5039	1696	1668	23	60.0
5205	Setto	5036	5040	5039	5035	23	60.0
5206	Setto	5037	5041	5040	5036	23	60.0
5207	Setto	5038	5042	5041	5037	23	60.0
5208	Setto	5039	5043	4895	1696	23	60.0
5209	Setto	5040	4591	5043	5039	23	60.0
5210	Setto	5041	4597	4591	5040	23	60.0
5211	Setto	5042	4601	4597	5041	23	60.0
5212	Setto	5043	4605	4898	4895	23	60.0
5213	Setto	4591	4609	4605	5043	23	60.0
5214	Setto	4597	4613	4609	4591	23	60.0
5215	Setto	4601	4617	4613	4597	23	60.0
5216	Setto	116	122	1200	1205	23	30.0
5217	Guscio	1210	1205	116	118	23	30.0
5218	Guscio	1220	1210	118	540	23	30.0
5219	Setto	543	540	1220	1225	23	30.0
5220	Setto	4035	543	1225	1230	23	30.0
5221	Setto	4038	4035	1230	1235	23	30.0
5222	Setto	1730	4038	1235	569	23	30.0
5223	Setto	1696	4895	1716		23	30.0
5224	Setto	4895	4898	1728	1716	23	30.0
5225	Setto	1728	4898	4897		23	30.0
5226	Setto	1728	4897	4896		23	30.0
5227	Setto	1728	4896	430		23	30.0
5228	Setto	4877	1698	1718		23	30.0
5229	Setto	4877	1718	1730	4873	23	30.0
5230	Setto	4874	4877	4873		23	30.0
5231	Setto	2367	5219	5218		23	125.0
5232	Setto	5889	2211	6095		23	110.0
5233	Setto	6095	2211	175		23	110.0
5234	Setto	5061	5064	75	70	23	110.0
5235	Setto	5062	5065	5064	5061	23	110.0
5236	Setto	5063	5066	5065	5062	23	110.0
5237	Setto	5064	5067	120	75	23	110.0
5238	Setto	5065	5068	5067	5064	23	110.0
5239	Setto	5066	5069	5068	5065	23	110.0
5240	Setto	5067	5070	125	120	23	110.0
5241	Setto	5068	5071	5070	5067	23	110.0
5242	Setto	5069	5072	5071	5068	23	110.0
5243	Setto	5070	5073	95	125	23	110.0
5244	Setto	5071	5074	5073	5070	23	110.0

5245	Setto	5072	5075	5074	5071	23	110.0
5246	Setto	5073	5076	100	95	23	110.0
5247	Setto	5074	5077	5076	5073	23	110.0
5248	Setto	5075	5078	5077	5074	23	110.0
5249	Setto	5076	5079	687	100	23	110.0
5250	Setto	5077	5080	5079	5076	23	110.0
5251	Setto	5078	5081	5080	5077	23	110.0
5252	Setto	5079	5082	103	687	23	110.0
5253	Setto	5080	5083	5082	5079	23	110.0
5254	Setto	5081	5084	5083	5080	23	110.0
5255	Setto	5082	5085	110	103	23	110.0
5256	Setto	5083	5086	5085	5082	23	110.0
5257	Setto	5084	5087	5086	5083	23	110.0
5258	Setto	5085	5088	716	110	23	110.0
5259	Setto	5086	5089	5088	5085	23	110.0
5260	Setto	5087	5090	5089	5086	23	110.0
5261	Setto	6119	5047	3628	3763	23	110.0
5262	Setto	6121	5109	5047	6119	23	110.0
5263	Setto	6122	5110	5109	6121	23	110.0
5264	Setto	6123	5111	5110	6122	23	110.0
5265	Setto	5047	5121	3629	3628	23	110.0
5266	Setto	5109	5122	5121	5047	23	110.0
5267	Setto	5110	5123	5122	5109	23	110.0
5268	Setto	5111	5124	5123	5110	23	110.0
5269	Setto	4469	4397	4394	4417	23	125.0
5270	Setto	4470	4401	4397	4469	23	125.0
5271	Setto	4493	4495	4352	4498	23	125.0
5272	Setto	4507	4496	4495	4493	23	125.0
5273	Setto	4535	4497	4496	4507	23	125.0
5274	Setto	4536	4499	4497	4535	23	125.0
5275	Setto	122	1716	1728		23	30.0
5276	Setto	122	1728	430	1200	23	30.0
5277	Setto	5121	5060	3756	3629	23	110.0
5278	Setto	5122	5125	5060	5121	23	110.0
5279	Setto	5123	5126	5125	5122	23	110.0
5280	Setto	5124	5127	5126	5123	23	110.0
5281	Setto	5060	5128	6124	3756	23	110.0
5282	Setto	5125	6125	5128	5060	23	110.0
5283	Setto	5126	6126	6125	5125	23	110.0
5284	Setto	5127	6127	6126	5126	23	110.0
5285	Setto	5129	5133	5066	5063	23	110.0
5286	Setto	5130	5134	5133	5129	23	110.0
5287	Setto	5131	5135	5134	5130	23	110.0
5288	Setto	5132	5136	5135	5131	23	110.0
5289	Setto	5133	5137	5069	5066	23	110.0
5290	Setto	5134	5138	5137	5133	23	110.0
5291	Setto	5135	5139	5138	5134	23	110.0
5292	Setto	5136	5140	5139	5135	23	110.0
5293	Setto	5137	5141	5072	5069	23	110.0
5294	Setto	5138	5142	5141	5137	23	110.0
5295	Setto	5139	5143	5142	5138	23	110.0
5296	Setto	5140	5144	5143	5139	23	110.0
5297	Setto	5141	5145	5075	5072	23	110.0
5298	Setto	5142	5146	5145	5141	23	110.0
5299	Setto	5143	5147	5146	5142	23	110.0
5300	Setto	5144	5148	5147	5143	23	110.0
5301	Setto	5145	5149	5078	5075	23	110.0
5302	Setto	5146	5150	5149	5145	23	110.0
5303	Setto	5147	5151	5150	5146	23	110.0
5304	Setto	5148	5152	5151	5147	23	110.0
5305	Setto	5149	5153	5081	5078	23	110.0
5306	Setto	5150	5154	5153	5149	23	110.0
5307	Setto	5151	5155	5154	5150	23	110.0
5308	Setto	5152	5156	5155	5151	23	110.0
5309	Setto	5153	5157	5084	5081	23	110.0
5310	Setto	5154	5158	5157	5153	23	110.0
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5313	Setto	5157	5161	5087	5084	23	110.0
5314	Setto	5158	5162	5161	5157	23	110.0
5315	Setto	5159	5163	5162	5158	23	110.0
5316	Setto	5160	5164	5163	5159	23	110.0
5317	Setto	5161	5165	5090	5087	23	110.0
5318	Setto	5162	5166	5165	5161	23	110.0
5319	Setto	5163	5167	5166	5162	23	110.0
5320	Setto	5164	5168	5167	5163	23	110.0
5321	Setto	5165	5169	5093	5090	23	110.0

5322	Setto	5166	5170	5169	5165	23	110.0
5323	Setto	5167	5171	5170	5166	23	110.0
5324	Setto	5168	5172	5171	5167	23	110.0
5325	Setto	5169	5173	5096	5093	23	110.0
5326	Setto	5170	5174	5173	5169	23	110.0
5327	Setto	5171	5175	5174	5170	23	110.0
5328	Setto	5172	5176	5175	5171	23	110.0
5329	Setto	5173	5177	5099	5096	23	110.0
5330	Setto	5174	5178	5177	5173	23	110.0
5331	Setto	5175	5179	5178	5174	23	110.0
5332	Setto	5176	5180	5179	5175	23	110.0
5333	Setto	5177	5181	5102	5099	23	110.0
5334	Setto	5178	5182	5181	5177	23	110.0
5335	Setto	5179	5183	5182	5178	23	110.0
5336	Setto	5180	5184	5183	5179	23	110.0
5337	Setto	5181	5185	5105	5102	23	110.0
5338	Setto	5182	5186	5185	5181	23	110.0
5339	Setto	5183	5187	5186	5182	23	110.0
5340	Setto	5184	5188	5187	5183	23	110.0
5341	Setto	5185	5189	5052	5105	23	110.0
5342	Setto	5186	5190	5189	5185	23	110.0
5343	Setto	5187	5108	5190	5186	23	110.0
5344	Setto	5188	5117	5108	5187	23	110.0
5345	Setto	5106	5191	104	90	23	145.0
5346	Setto	5045	5192	5191	5106	23	145.0
5347	Setto	5052	5193	5192	5045	23	145.0
5348	Setto	5191	5194	107	104	23	145.0
5349	Setto	5192	5195	5194	5191	23	145.0
5350	Setto	5193	5196	5195	5192	23	145.0
5351	Setto	5194	5197	625	107	23	145.0
5352	Setto	5195	5198	5197	5194	23	145.0
5353	Setto	5196	5199	5198	5195	23	145.0
5354	Setto	5197	5200	630	625	23	145.0
5355	Setto	5198	5201	5200	5197	23	145.0
5356	Setto	5199	5202	5201	5198	23	145.0
5357	Setto	5200	5203	635	630	23	145.0
5358	Setto	5201	5204	5203	5200	23	145.0
5359	Setto	5202	5205	5204	5201	23	145.0
5360	Setto	5203	5206	640	635	23	145.0
5361	Setto	5204	5207	5206	5203	23	145.0
5362	Setto	5205	5208	5207	5204	23	145.0
5363	Setto	5206	5209	645	640	23	145.0
5364	Setto	5207	5210	5209	5206	23	145.0
5365	Setto	5208	5211	5210	5207	23	145.0
5366	Setto	5209	5212	84	645	23	145.0
5367	Setto	5210	5213	5212	5209	23	145.0
5368	Setto	5211	5214	5213	5210	23	145.0
5369	Setto	5212	5215	114	84	23	145.0
5370	Setto	5213	5216	5215	5212	23	145.0
5371	Setto	5214	5217	5216	5213	23	145.0
5372	Setto	5215	5218	660	114	23	145.0
5373	Setto	5216	5219	5218	5215	23	145.0
5374	Setto	5217	5220	5219	5216	23	145.0
5375	Setto	5189	5221	5193	5052	23	145.0
5376	Setto	5190	5222	5221	5189	23	145.0
5377	Setto	5108	5223	5222	5190	23	145.0
5378	Setto	5117	5224	5223	5108	23	145.0
5379	Setto	5221	5225	5196	5193	23	145.0
5380	Setto	5222	5226	5225	5221	23	145.0
5381	Setto	5223	5227	5226	5222	23	145.0
5382	Setto	5224	5228	5227	5223	23	145.0
5383	Setto	5225	5229	5199	5196	23	145.0
5384	Setto	5226	5230	5229	5225	23	145.0
5385	Setto	5227	5231	5230	5226	23	145.0
5386	Setto	5228	5232	5231	5227	23	145.0
5387	Setto	5229	5233	5202	5199	23	145.0
5388	Setto	5230	5234	5233	5229	23	145.0
5389	Setto	5231	5235	5234	5230	23	145.0
5390	Setto	5232	5236	5235	5231	23	145.0
5391	Setto	5233	5237	5205	5202	23	145.0
5392	Setto	5234	5238	5237	5233	23	145.0
5393	Setto	5235	5239	5238	5234	23	145.0
5394	Setto	5236	5240	5239	5235	23	145.0
5395	Setto	5237	5241	5208	5205	23	145.0
5396	Setto	5238	5242	5241	5237	23	145.0
5397	Setto	5239	5243	5242	5238	23	145.0
5398	Setto	5240	5244	5243	5239	23	145.0

5399	Setto	5241	5245	5211	5208	23	145.0
5400	Setto	5242	5246	5245	5241	23	145.0
5401	Setto	5243	5247	5246	5242	23	145.0
5402	Setto	5244	5248	5247	5243	23	145.0
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5406	Setto	5248	5252	5251	5247	23	145.0
5407	Setto	5249	5253	5217	5214	23	145.0
5408	Setto	5250	5254	5253	5249	23	145.0
5409	Setto	5251	5255	5254	5250	23	145.0
5410	Setto	5252	5256	5255	5251	23	145.0
5411	Setto	5253	5257	5220	5217	23	145.0
5412	Setto	5254	5258	5257	5253	23	145.0
5413	Setto	5255	5259	5258	5254	23	145.0
5414	Setto	5256	5260	5259	5255	23	145.0
5415	Guscio	5218	5261	800	660	23	145.0
5416	Setto	5219	5263	5261	5218	23	145.0
5417	Setto	5220	5264	5263	5219	23	145.0
5418	Guscio	5261	5265	795	800	23	145.0
5419	Setto	5263	5267	5265	5261	23	145.0
5420	Setto	5264	5268	5267	5263	23	145.0
5421	Guscio	5265	5269	790	795	23	145.0
5422	Setto	5267	5271	5269	5265	23	145.0
5423	Setto	5268	5272	5271	5267	23	145.0
5424	Guscio	5269	5273	785	790	23	145.0
5425	Setto	5271	5275	5273	5269	23	145.0
5426	Setto	5272	5276	5275	5271	23	145.0
5427	Guscio	5273	5277	780	785	23	145.0
5428	Setto	5275	5279	5277	5273	23	145.0
5429	Setto	5276	5280	5279	5275	23	145.0
5430	Guscio	5277	5281	775	780	23	145.0
5431	Setto	5279	5283	5281	5277	23	145.0
5432	Setto	5280	5284	5283	5279	23	145.0
5433	Guscio	5281	5285	770	775	23	145.0
5434	Setto	5283	5287	5285	5281	23	145.0
5435	Setto	5284	5288	5287	5283	23	145.0
5436	Guscio	5285	5289	765	770	23	145.0
5437	Setto	5287	5291	5289	5285	23	145.0
5438	Setto	5288	5292	5291	5287	23	145.0
5439	Guscio	5289	5293	760	765	23	145.0
5440	Setto	5291	5295	5293	5289	23	145.0
5441	Setto	5292	5296	5295	5291	23	145.0
5442	Guscio	5293	5297	755	760	23	145.0
5443	Setto	5295	5299	5297	5293	23	145.0
5444	Setto	5296	5300	5299	5295	23	145.0
5445	Guscio	5297	5301	750	755	23	145.0
5446	Setto	5299	5303	5301	5297	23	145.0
5447	Setto	5300	5304	5303	5299	23	145.0
5448	Guscio	5301	5305	2635	750	23	145.0
5449	Setto	5303	5307	5305	5301	23	145.0
5450	Setto	5304	5308	5307	5303	23	145.0
5451	Guscio	5305	5309	2659	2635	23	145.0
5452	Setto	5307	5311	5309	5305	23	145.0
5453	Setto	5308	5312	5311	5307	23	145.0
5454	Guscio	5309	5313	2683	2659	23	145.0
5455	Setto	5311	5315	5313	5309	23	145.0
5456	Setto	5312	5316	5315	5311	23	145.0
5457	Guscio	5313	5317	2707	2683	23	145.0
5458	Setto	5315	5319	5317	5313	23	145.0
5459	Setto	5316	5320	5319	5315	23	145.0
5460	Guscio	5317	5321	2731	2707	23	145.0
5461	Setto	5319	5323	5321	5317	23	145.0
5462	Setto	5320	5324	5323	5319	23	145.0
5463	Guscio	5321	5325	2384	2731	23	145.0
5464	Setto	5323	5327	5325	5321	23	145.0
5465	Setto	5324	5328	5327	5323	23	145.0
5466	Setto	5325	5329	2434	2384	23	145.0
5467	Setto	5327	5330	5329	5325	23	145.0
5468	Setto	5328	5331	5330	5327	23	145.0
5469	Setto	5329	5332	2484	2434	23	145.0
5470	Setto	5330	5334	5332	5329	23	145.0
5471	Setto	5331	5335	5334	5330	23	145.0
5472	Guscio	5332	5336	2534	2484	23	145.0
5473	Setto	5334	5338	5336	5332	23	145.0
5474	Setto	5335	5339	5338	5334	23	145.0
5475	Guscio	5336	5340	2584	2534	23	145.0

5476	Setto	5338	5342	5340	5336	23	145.0
5477	Setto	5339	5343	5342	5338	23	145.0
5478	Guscio	5340	5344	2634	2584	23	145.0
5479	Setto	5342	5346	5344	5340	23	145.0
5480	Setto	5343	5347	5346	5342	23	145.0
5481	Guscio	5344	5348	2697	2634	23	145.0
5482	Setto	5346	5350	5348	5344	23	145.0
5483	Setto	5347	5351	5350	5346	23	145.0
5484	Guscio	5348	5352	2356	2697	23	145.0
5485	Setto	5350	5354	5352	5348	23	145.0
5486	Setto	5351	5355	5354	5350	23	145.0
5487	Guscio	5352	5356	2465	2356	23	145.0
5488	Setto	5354	5358	5356	5352	23	145.0
5489	Setto	5355	5359	5358	5354	23	145.0
5490	Guscio	5356	5360	2580	2465	23	145.0
5491	Setto	5358	5362	5360	5356	23	145.0
5492	Setto	5359	5363	5362	5358	23	145.0
5493	Guscio	5360	5364	2682	2580	23	145.0
5494	Setto	5362	5366	5364	5360	23	145.0
5495	Setto	5363	5367	5366	5362	23	145.0
5496	Guscio	5364	5368	2530	2682	23	145.0
5497	Setto	5366	5370	5368	5364	23	145.0
5498	Setto	5367	5371	5370	5366	23	145.0
5499	Guscio	5368	5372	2417	2530	23	145.0
5500	Setto	5370	5374	5372	5368	23	145.0
5501	Setto	5371	5375	5374	5370	23	145.0
5502	Setto	5372	5376	745	2417	23	145.0
5503	Setto	5374	5377	5376	5372	23	145.0
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5505	Setto	5257	5379	5264	5220	23	145.0
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5510	Setto	5380	5384	5383	5379	23	145.0
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5601	Setto	5262	5278	5359	5355	23	145.0
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5628	Setto	5471	5475	2798	2767	23	145.0
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5631	Setto	5475	5479	2822	2798	23	145.0
5632	Setto	5477	5481	5479	5475	23	145.0
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5640	Setto	5487	5491	2894	2870	23	145.0
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5675	Setto	5528	5472	5530	5527	23	145.0
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5685	Setto	5361	5531	5474	5378	23	145.0
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5805	Setto	3360	5621	3402		23	145.0
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5807	Setto	5508	5616	5640	5504	23	145.0
5808	Setto	5640	3360	3478		23	145.0
5809	Setto	5504	5640	3478	5500	23	145.0
5810	Setto	5500	3478	390		23	145.0
5811	Setto	3383	5650	3448		23	145.0
5812	Setto	5650	5631	5645	3448	23	145.0
5813	Setto	5631	4460	4441	5645	23	145.0
5814	Setto	3448	5645	3461		23	145.0
5815	Setto	5645	4441	4437	3461	23	145.0
5816	Setto	3461	4437	990		23	145.0
5817	Setto	5660	5688	1662	1661	23	110.0
5818	Setto	5669	5691	5688	5660	23	110.0
5819	Setto	5674	5692	5691	5669	23	110.0
5820	Setto	5694	5693	5692	5674	23	110.0
5821	Setto	5661	5660	1661	1671	23	110.0
5822	Setto	5663	5669	5660	5661	23	110.0
5823	Setto	5692	5686	5685	5691	23	110.0
5824	Setto	5693	5687	5686	5692	23	110.0
5825	Setto	5664	5674	5669	5663	23	110.0
5826	Setto	5665	5694	5674	5664	23	110.0
5827	Setto	5666	5661	1671	1699	23	110.0
5828	Setto	5668	5663	5661	5666	23	110.0
5829	Setto	5670	5664	5663	5668	23	110.0
5830	Setto	5671	5665	5664	5670	23	110.0
5831	Setto	5672	5666	1699	5673	23	110.0
5832	Setto	5675	5668	5666	5672	23	110.0
5833	Setto	5676	5670	5668	5675	23	110.0
5834	Setto	5677	5671	5670	5676	23	110.0
5835	Setto	4605	5672	5673	4898	23	110.0
5836	Setto	4609	5675	5672	4605	23	110.0
5837	Setto	4613	5676	5675	4609	23	110.0
5838	Setto	4617	5677	5676	4613	23	110.0
5839	Setto	5678	5654	5659	5679	23	110.0
5840	Setto	5680	5655	5654	5678	23	110.0
5841	Setto	5681	5657	5655	5680	23	110.0
5842	Setto	5682	5658	5657	5681	23	110.0
5843	Setto	5683	5678	5679	1693	23	110.0
5844	Setto	5685	5680	5678	5683	23	110.0
5845	Setto	5686	5681	5680	5685	23	110.0
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5848	Setto	5691	5685	5683	5688	23	110.0
5849	Setto	5654	5695	5696	5659	23	110.0
5850	Setto	5655	5697	5695	5654	23	110.0
5851	Setto	5657	5698	5697	5655	23	110.0
5852	Setto	5658	5699	5698	5657	23	110.0
5853	Setto	5695	5700	5701	5696	23	110.0
5854	Setto	5697	5702	5700	5695	23	110.0
5855	Setto	5698	5703	5702	5697	23	110.0
5856	Setto	5699	5704	5703	5698	23	110.0
5857	Setto	5700	5705	2040	5701	23	110.0
5858	Setto	5702	5707	5705	5700	23	110.0
5859	Setto	5703	5708	5707	5702	23	110.0
5860	Setto	5704	5709	5708	5703	23	110.0

5861	Setto	5705	5710	2018	2040	23	110.0
5862	Setto	5707	5712	5710	5705	23	110.0
5863	Setto	5708	5713	5712	5707	23	110.0
5864	Setto	5709	5714	5713	5708	23	110.0
5865	Setto	5710	5715	2843	2018	23	110.0
5866	Setto	5712	5717	5715	5710	23	110.0
5867	Setto	5713	5718	5717	5712	23	110.0
5868	Setto	5714	5719	5718	5713	23	110.0
5869	Setto	5715	5720	2842	2843	23	110.0
5870	Setto	5717	5722	5720	5715	23	110.0
5871	Setto	5718	5723	5722	5717	23	110.0
5872	Setto	5719	5724	5723	5718	23	110.0
5873	Setto	5720	5725	2841	2842	23	110.0
5874	Setto	5722	5727	5725	5720	23	110.0
5875	Setto	5723	5728	5727	5722	23	110.0
5876	Setto	5724	5729	5728	5723	23	110.0
5877	Setto	5725	5730	5731	2841	23	110.0
5878	Setto	5727	5732	5730	5725	23	110.0
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5885	Setto	5735	5607	5508	5736	23	110.0
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5892	Setto	1713	5679	1725		23	110.0
5893	Setto	2836	5701	2040		23	110.0
5894	Setto	5696	5701	2836		23	110.0
5895	Setto	5659	5696	2836	2837	23	110.0
5896	Setto	5679	5659	2837	1725	23	110.0
5897	Setto	4898	5673	4897		23	110.0
5898	Setto	5673	1719	1731	4897	23	110.0
5899	Setto	4897	1731	4896		23	110.0
5900	Setto	4896	1731	430		23	110.0
5901	Setto	2841	5731	2840		23	110.0
5902	Setto	5736	5508	5504	5740	23	110.0
5903	Setto	5731	5736	5740	2840	23	110.0
5904	Setto	2840	5740	2937		23	110.0
5905	Setto	5740	5504	5500	2937	23	110.0
5906	Setto	2937	5500	390		23	110.0
5907	Setto	5776	5780	3222	5748	23	110.0
5908	Setto	5777	5741	5780	5776	23	110.0
5909	Setto	5778	5742	5741	5777	23	110.0
5910	Setto	5779	5743	5742	5778	23	110.0
5911	Setto	5780	5745	3221	3222	23	110.0
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5920	Setto	5751	5757	5755	5750	23	110.0
5921	Setto	5753	5758	5757	5751	23	110.0
5922	Setto	5754	5759	5758	5753	23	110.0
5923	Setto	5755	5761	5768	5764	23	110.0
5924	Setto	5757	5762	5761	5755	23	110.0
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5930	Setto	5765	5770	5769	5763	23	110.0
5931	Setto	4605	5772	5744	4898	23	110.0
5932	Setto	4609	5773	5772	4605	23	110.0
5933	Setto	4613	5774	5773	4609	23	110.0
5934	Setto	4617	5775	5774	4613	23	110.0
5935	Setto	5772	5776	5748	5744	23	110.0
5936	Setto	5773	5777	5776	5772	23	110.0
5937	Setto	5774	5778	5777	5773	23	110.0

5938	Setto	5775	5779	5778	5774	23	110.0
5939	Setto	5748	3222	3251		23	110.0
5940	Setto	3271	5748	3251		23	110.0
5941	Setto	5744	5748	3271	5781	23	110.0
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5944	Setto	4897	5781	3226	4896	23	110.0
5945	Setto	4896	3226	430		23	110.0
5946	Setto	5817	5821	5820	5816	23	110.0
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5955	Setto	5789	5794	5793	5788	23	110.0
5956	Setto	5790	5795	3112	5791	23	110.0
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5958	Setto	5793	5798	5797	5792	23	110.0
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5960	Setto	5795	5800	3111	3112	23	110.0
5961	Setto	5797	5801	5800	5795	23	110.0
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5965	Setto	5801	5806	5804	5800	23	110.0
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5968	Setto	5804	5809	5810	3115	23	110.0
5969	Setto	5806	5811	5809	5804	23	110.0
5970	Setto	5807	5812	5811	5806	23	110.0
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5977	Setto	5816	5820	5819	5814	23	110.0
5978	Setto	3115	5810	3143		23	110.0
5979	Setto	5791	3112	3141		23	110.0
5980	Setto	5819	5822	5823	5784	23	110.0
5981	Setto	5820	5824	5822	5819	23	110.0
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5987	Setto	5826	5831	5830	5825	23	110.0
5988	Setto	5827	5832	5833	5828	23	110.0
5989	Setto	5829	5834	5832	5827	23	110.0
5990	Setto	5830	5835	5834	5829	23	110.0
5991	Setto	5831	5836	5835	5830	23	110.0
5992	Setto	5832	5837	2991	5833	23	110.0
5993	Setto	5834	5839	5837	5832	23	110.0
5994	Setto	5835	5840	5839	5834	23	110.0
5995	Setto	5836	5841	5840	5835	23	110.0
5996	Setto	5837	5842	2990	2991	23	110.0
5997	Setto	5839	5844	5842	5837	23	110.0
5998	Setto	5840	5845	5844	5839	23	110.0
5999	Setto	5841	5846	5845	5840	23	110.0
6000	Setto	5842	5847	2994	2990	23	110.0
6001	Setto	5844	5849	5847	5842	23	110.0
6002	Setto	5845	5850	5849	5844	23	110.0
6003	Setto	5846	5851	5850	5845	23	110.0
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6006	Setto	5850	5855	5854	5849	23	110.0
6007	Setto	5851	5856	5855	5850	23	110.0
6008	Setto	5852	5857	5858	5853	23	110.0
6009	Setto	5854	5859	5857	5852	23	110.0
6010	Setto	5855	5860	5859	5854	23	110.0
6011	Setto	5856	5861	5860	5855	23	110.0
6012	Setto	5857	5862	5863	5858	23	110.0
6013	Setto	5859	5864	5862	5857	23	110.0
6014	Setto	5860	5865	5864	5859	23	110.0

6015	Setto	5861	5866	5865	5860	23	110.0
6016	Setto	5862	4284	4246	5863	23	110.0
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6018	Setto	5865	4288	4286	5864	23	110.0
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6020	Setto	2994	5853	3022		23	110.0
6021	Setto	5833	2991	3020		23	110.0
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6027	Setto	3054	4241	535		23	110.0
6028	Setto	3143	5810	3163		23	110.0
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6031	Setto	5815	5784	5870	5868	23	110.0
6032	Setto	5784	5823	5872	5870	23	110.0
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6034	Setto	3163	5868	3142		23	110.0
6035	Setto	5872	3040	3052		23	110.0
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6039	Setto	5874	3052	500		23	110.0
6040	Setto	5786	5791	3141	3161	23	110.0
6041	Setto	3225	5764	3253		23	110.0
6042	Setto	5764	5768	3273	3253	23	110.0
6043	Setto	5768	5771	5876	3273	23	110.0
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6045	Setto	3273	5876	5877	3254	23	110.0
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6050	Guscio	5926	5921	1700	1720	23	110.0
6051	Guscio	6065	6051	5879	1782	23	110.0
6052	Setto	1782	5879	210		23	110.0
6053	Guscio	5882	1840	1841		23	110.0
6054	Guscio	6036	5885	5838	2073	23	110.0
6055	Setto	2073	5838	1955		23	110.0
6056	Guscio	6084	5887	5667	2205	23	110.0
6057	Setto	2205	5667	2081		23	110.0
6058	Guscio	6027	6022	1962	1961	23	110.0
6059	Setto	5891	5654	5659	5892	23	110.0
6060	Setto	5893	5655	5654	5891	23	110.0
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6063	Setto	5896	5891	5892	5897	23	110.0
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6071	Guscio	5906	5901	5902	1664	23	110.0
6072	Setto	5908	5903	5901	5906	23	110.0
6073	Setto	5909	5904	5903	5908	23	110.0
6074	Setto	5910	5905	5904	5909	23	110.0
6075	Guscio	5911	5906	1664	1663	23	110.0
6076	Setto	5912	5908	5906	5911	23	110.0
6077	Setto	5913	5909	5908	5912	23	110.0
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6079	Guscio	5915	5911	1663	1672	23	110.0
6080	Setto	5917	5912	5911	5915	23	110.0
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6082	Setto	5919	5914	5913	5918	23	110.0
6083	Guscio	5920	5915	1672	5921	23	110.0
6084	Setto	5922	5917	5915	5920	23	110.0
6085	Setto	5923	5918	5917	5922	23	110.0
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6089	Setto	5928	5923	5922	5927	23	110.0
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6091	Setto	5930	5925	5926	5931	23	110.0

6092	Setto	5932	5927	5925	5930	23	110.0
6093	Setto	5933	5928	5927	5932	23	110.0
6094	Setto	5934	5929	5928	5933	23	110.0
6095	Setto	5935	5930	5931	5880	23	110.0
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6106	Setto	5948	5943	5942	5947	23	110.0
6107	Guscio	5949	5944	5945	1815	23	110.0
6108	Setto	5951	5946	5944	5949	23	110.0
6109	Setto	5952	5947	5946	5951	23	110.0
6110	Setto	5953	5948	5947	5952	23	110.0
6111	Guscio	5954	5949	1815	1785	23	110.0
6112	Setto	5956	5951	5949	5954	23	110.0
6113	Setto	5957	5952	5951	5956	23	110.0
6114	Setto	5958	5953	5952	5957	23	110.0
6115	Guscio	5959	5954	1785	1784	23	110.0
6116	Setto	5960	5956	5954	5959	23	110.0
6117	Setto	5961	5957	5956	5960	23	110.0
6118	Setto	5962	5958	5957	5961	23	110.0
6119	Guscio	5963	5959	1784	1793	23	110.0
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6121	Setto	5966	5961	5960	5965	23	110.0
6122	Setto	5967	5962	5961	5966	23	110.0
6123	Guscio	5968	5963	1793	1821	23	110.0
6124	Setto	5970	5965	5963	5968	23	110.0
6125	Setto	5971	5966	5965	5970	23	110.0
6126	Setto	5972	5967	5966	5971	23	110.0
6127	Guscio	5973	5968	1821	5974	23	110.0
6128	Setto	5975	5970	5968	5973	23	110.0
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6130	Setto	5977	5972	5971	5976	23	110.0
6131	Setto	5978	5973	5974	5979	23	110.0
6132	Setto	5980	5975	5973	5978	23	110.0
6133	Setto	5981	5976	5975	5980	23	110.0
6134	Setto	5982	5977	5976	5981	23	110.0
6135	Setto	5983	5978	5979	5883	23	110.0
6136	Setto	5984	5980	5978	5983	23	110.0
6137	Setto	5985	5981	5980	5984	23	110.0
6138	Setto	5986	5982	5981	5985	23	110.0
6139	Setto	5987	5983	5883	5988	23	110.0
6140	Setto	5989	5984	5983	5987	23	110.0
6141	Setto	5990	5985	5984	5989	23	110.0
6142	Setto	5991	5986	5985	5990	23	110.0
6143	Setto	5992	5987	5988	5993	23	110.0
6144	Setto	5994	5989	5987	5992	23	110.0
6145	Setto	5995	5990	5989	5994	23	110.0
6146	Setto	5996	5991	5990	5995	23	110.0
6147	Guscio	5997	5992	5993	1936	23	110.0
6148	Setto	5999	5994	5992	5997	23	110.0
6149	Setto	6000	5995	5994	5999	23	110.0
6150	Setto	6001	5996	5995	6000	23	110.0
6151	Guscio	6002	5997	1936	1906	23	110.0
6152	Setto	6004	5999	5997	6002	23	110.0
6153	Setto	6005	6000	5999	6004	23	110.0
6154	Setto	6006	6001	6000	6005	23	110.0
6155	Guscio	6007	6002	1906	1905	23	110.0
6156	Setto	6008	6004	6002	6007	23	110.0
6157	Setto	6009	6005	6004	6008	23	110.0
6158	Setto	6010	6006	6005	6009	23	110.0
6159	Guscio	6011	6007	1905	1914	23	110.0
6160	Setto	6013	6008	6007	6011	23	110.0
6161	Setto	6014	6009	6008	6013	23	110.0
6162	Setto	6015	6010	6009	6014	23	110.0
6163	Guscio	6016	6011	1914	1942	23	110.0
6164	Setto	6018	6013	6011	6016	23	110.0
6165	Setto	6019	6014	6013	6018	23	110.0
6166	Setto	6020	6015	6014	6019	23	110.0
6167	Guscio	6021	6016	1942	6022	23	110.0
6168	Setto	6023	6018	6016	6021	23	110.0

6169	Setto	6024	6019	6018	6023	23	110.0
6170	Setto	6025	6020	6019	6024	23	110.0
6171	Setto	6026	6021	6022	6027	23	110.0
6172	Setto	6028	6023	6021	6026	23	110.0
6173	Setto	6029	6024	6023	6028	23	110.0
6174	Setto	6030	6025	6024	6029	23	110.0
6175	Setto	6031	6026	6027	5885	23	110.0
6176	Setto	6032	6028	6026	6031	23	110.0
6177	Setto	6033	6029	6028	6032	23	110.0
6178	Setto	6034	6030	6029	6033	23	110.0
6179	Setto	6035	6031	5885	6036	23	110.0
6180	Setto	6037	6032	6031	6035	23	110.0
6181	Setto	6038	6033	6032	6037	23	110.0
6182	Setto	6039	6034	6033	6038	23	110.0
6183	Setto	6040	6035	6036	6041	23	110.0
6184	Setto	6042	6037	6035	6040	23	110.0
6185	Setto	6043	6038	6037	6042	23	110.0
6186	Setto	6044	6039	6038	6043	23	110.0
6187	Guscio	6045	6040	6041	2041	23	110.0
6188	Setto	6047	6042	6040	6045	23	110.0
6189	Setto	6048	6043	6042	6047	23	110.0
6190	Setto	6049	6044	6043	6048	23	110.0
6191	Guscio	6050	6045	2041	2011	23	110.0
6192	Setto	6052	6047	6045	6050	23	110.0
6193	Setto	6053	6048	6047	6052	23	110.0
6194	Setto	6054	6049	6048	6053	23	110.0
6195	Guscio	6055	6050	2011	2010	23	110.0
6196	Setto	6056	6052	6050	6055	23	110.0
6197	Setto	6057	6053	6052	6056	23	110.0
6198	Setto	6058	6054	6053	6057	23	110.0
6199	Guscio	6059	6055	2010	2019	23	110.0
6200	Setto	6061	6056	6055	6059	23	110.0
6201	Setto	6062	6057	6056	6061	23	110.0
6202	Setto	6063	6058	6057	6062	23	110.0
6203	Guscio	6064	6059	2019	2047	23	110.0
6204	Setto	6066	6061	6059	6064	23	110.0
6205	Setto	6067	6062	6061	6066	23	110.0
6206	Setto	6068	6063	6062	6067	23	110.0
6207	Guscio	6069	6064	2047	6070	23	110.0
6208	Setto	6071	6066	6064	6069	23	110.0
6209	Setto	6072	6067	6066	6071	23	110.0
6210	Setto	6073	6068	6067	6072	23	110.0
6211	Setto	6074	6069	6070	6075	23	110.0
6212	Setto	6076	6071	6069	6074	23	110.0
6213	Setto	6077	6072	6071	6076	23	110.0
6214	Setto	6078	6073	6072	6077	23	110.0
6215	Setto	6079	6074	6075	5887	23	110.0
6216	Setto	6080	6076	6074	6079	23	110.0
6217	Setto	6081	6077	6076	6080	23	110.0
6218	Setto	6082	6078	6077	6081	23	110.0
6219	Setto	6083	6079	5887	6084	23	110.0
6220	Setto	6085	6080	6079	6083	23	110.0
6221	Setto	6086	6081	6080	6085	23	110.0
6222	Setto	6087	6082	6081	6086	23	110.0
6223	Setto	6088	6083	6084	6089	23	110.0
6224	Setto	6090	6085	6083	6088	23	110.0
6225	Setto	5690	6086	6085	6090	23	110.0
6226	Setto	5656	6087	6086	5690	23	110.0
6227	Guscio	5662	6088	6089	2173	23	110.0
6228	Setto	5684	6090	6088	5662	23	110.0
6229	Setto	5689	5690	6090	5684	23	110.0
6230	Setto	5706	5656	5690	5689	23	110.0
6231	Guscio	5711	5662	2173	2143	23	110.0
6232	Setto	5721	5684	5662	5711	23	110.0
6233	Setto	5726	5689	5684	5721	23	110.0
6234	Setto	5752	5706	5689	5726	23	110.0
6235	Guscio	5756	5711	2143	2142	23	110.0
6236	Setto	5760	5721	5711	5756	23	110.0
6237	Setto	5782	5726	5721	5760	23	110.0
6238	Setto	5796	5752	5726	5782	23	110.0
6239	Guscio	5805	5756	2142	2151	23	110.0
6240	Setto	5843	5760	5756	5805	23	110.0
6241	Setto	5848	5782	5760	5843	23	110.0
6242	Setto	5869	5796	5782	5848	23	110.0
6243	Guscio	5871	5805	2151	2179	23	110.0
6244	Setto	5875	5843	5805	5871	23	110.0
6245	Setto	5873	5848	5843	5875	23	110.0

6246	Setto	5878	5869	5848	5873	23	110.0
6247	Guscio	5881	5871	2179	5884	23	110.0
6248	Setto	5886	5875	5871	5881	23	110.0
6249	Setto	5888	5873	5875	5886	23	110.0
6250	Setto	5907	5878	5873	5888	23	110.0
6251	Setto	5916	5881	5884	5950	23	110.0
6252	Setto	5955	5886	5881	5916	23	110.0
6253	Setto	5964	5888	5886	5955	23	110.0
6254	Setto	5969	5907	5888	5964	23	110.0
6255	Setto	5998	5916	5950	5890	23	110.0
6256	Setto	6003	5955	5916	5998	23	110.0
6257	Setto	6012	5964	5955	6003	23	110.0
6258	Setto	6017	5969	5964	6012	23	110.0
6259	Guscio	5902	5897	1714	1694	23	110.0
6260	Guscio	1664	5902	1694		23	110.0
6261	Setto	1726	6046	330		23	110.0
6262	Setto	1726	6060	6046		23	110.0
6263	Setto	5931	5926	1720	1732	23	110.0
6264	Setto	5880	5931	1732	6051	23	110.0
6265	Setto	5879	1732	210		23	110.0
6266	Setto	6051	1732	5879		23	110.0
6267	Guscio	5897	5892	1726	1714	23	110.0
6268	Guscio	5892	5659	6060	1726	23	110.0
6269	Guscio	1815	5945	1835		23	110.0
6270	Guscio	5974	1821	1841		23	110.0
6271	Guscio	5940	5880	6051	6065	23	110.0
6272	Guscio	5945	5940	6065	1835	23	110.0
6273	Guscio	1835	6065	1782		23	110.0
6274	Guscio	5887	6075	2079	5667	23	110.0
6275	Guscio	5979	5974	1841	5882	23	110.0
6276	Setto	5883	5979	5882	5716	23	110.0
6277	Guscio	1962	6022	1942		23	110.0
6278	Setto	5885	6027	1961	5838	23	110.0
6279	Setto	5838	1961	1955		23	110.0
6280	Guscio	5993	5988	1956	1936	23	110.0
6281	Guscio	5988	5883	5716	1956	23	110.0
6282	Guscio	2041	6041	2061		23	110.0
6283	Guscio	2067	6070	2047		23	110.0
6284	Guscio	6041	6036	2073	2061	23	110.0
6285	Guscio	6075	6070	2067	2079	23	110.0
6286	Guscio	1956	5716	1903		23	110.0
6287	Guscio	5716	1840	5882		23	110.0
6288	Setto	4592	3574	3573	4589	23	110.0
6289	Setto	4589	3573	9		23	110.0
6290	Guscio	2173	6089	2193		23	110.0
6291	Guscio	6089	6084	2205	2193	23	110.0
6292	Setto	5667	2079	2081		23	110.0
6293	Guscio	2199	5884	2179		23	110.0
6294	Guscio	5950	5884	2199	2211	23	110.0
6295	Setto	5890	5950	2211	5889	23	110.0
6296	Setto	2367	5218	660		23	125.0
6297	Setto	2677	4832	5048	5054	23	70.0
6298	Setto	4832	5377	5378	5048	23	70.0
6299	Setto	2677	2416	4832		23	70.0
6300	Setto	2415	5376	5377	2416	23	70.0
6301	Setto	4361	4367	4366	4360	23	125.0
6302	Setto	4362	4369	4367	4361	23	125.0
6303	Setto	4370	6102	2375	2377	23	125.0
6304	Setto	4371	4862	6102	4370	23	125.0
6305	Setto	6091	4864	4862	4371	23	125.0
6306	Setto	6099	4865	4864	6091	23	125.0
6307	Setto	4343	6109	6111	6101	23	70.0
6308	Setto	6101	6111	6112	6104	23	70.0
6309	Setto	6108	5054	6113	6106	23	70.0
6310	Setto	6106	6113	5118	6109	23	70.0
6311	Setto	6109	5118	5119	6111	23	70.0
6312	Setto	6111	5119	5120	6112	23	70.0
6313	Setto	5054	5048	5044	6113	23	70.0
6314	Setto	6113	5044	5049	5118	23	70.0
6315	Setto	5118	5049	5051	5119	23	70.0
6316	Setto	5119	5051	5053	5120	23	70.0
6317	Setto	5048	5378	5361	5044	23	70.0
6318	Setto	5044	5361	5365	5049	23	70.0
6319	Setto	4856	2673	6097	4350	23	70.0
6320	Setto	5716	4856	4350	5883	23	70.0
6321	Setto	4856	2674	2673		23	70.0
6322	Setto	6092	2675	2674	5716	23	70.0

6323	Setto	5716	2674	4856		23	70.0
6324	Setto	6092	260	2675		23	70.0
6325	Setto	5883	4350	4363	5983	23	70.0
6326	Setto	5983	4363	4407	5984	23	70.0
6327	Setto	5984	4407	4429	5985	23	70.0
6328	Setto	5985	4429	4243	5986	23	70.0
6329	Setto	4350	6097	4253	4363	23	70.0
6330	Setto	4363	4253	6098	4407	23	70.0
6331	Setto	4407	6098	4883	4429	23	70.0
6332	Setto	4429	4883	4348	4243	23	70.0
6333	Setto	6097	4422	4356	4253	23	70.0
6334	Setto	4253	4356	4257	6098	23	70.0
6335	Setto	5076	4447	130	100	23	110.0
6336	Setto	5077	4450	4447	5076	23	110.0
6337	Setto	5078	4453	4450	5077	23	110.0
6338	Guscio	130	135	4454	4447	23	110.0
6339	Setto	4450	4457	4454	4447	23	110.0
6340	Setto	4453	4419	4457	4450	23	110.0
6341	Guscio	135	140	4421	4454	23	110.0
6342	Setto	4457	4425	4421	4454	23	110.0
6343	Setto	6102	4867	2373	2375	23	125.0
6344	Setto	4862	4851	4867	6102	23	125.0
6345	Setto	4864	4852	4851	4862	23	125.0
6346	Setto	4865	4372	4852	4864	23	125.0
6347	Setto	4364	4370	2377	2330	23	125.0
6348	Setto	4366	4371	4370	4364	23	125.0
6349	Setto	4373	4464	4411	4889	23	90.0
6350	Setto	4426	4359	4464	4373	23	90.0
6351	Setto	4248	4725	4688	6110	23	90.0
6352	Setto	4411	4726	4725	4248	23	90.0
6353	Setto	4464	4727	4726	4411	23	90.0
6354	Setto	4359	4728	4727	4464	23	90.0
6355	Setto	4367	6091	4371	4366	23	125.0
6356	Setto	4415	4324	4283	4433	23	125.0
6357	Setto	4446	4325	4324	4415	23	125.0
6358	Setto	4449	4326	4325	4446	23	125.0
6359	Setto	4452	4327	4326	4449	23	125.0
6360	Setto	4455	4415	4433	4458	23	125.0
6361	Setto	4465	4446	4415	4455	23	125.0
6362	Setto	4468	4449	4446	4465	23	125.0
6363	Setto	4478	4452	4449	4468	23	125.0
6364	Setto	4483	4455	4458	3024	23	125.0
6365	Setto	4355	4465	4455	4483	23	125.0
6366	Setto	4388	4468	4465	4355	23	125.0
6367	Setto	4389	4478	4468	4388	23	125.0
6368	Setto	4390	4483	3024	2996	23	125.0
6369	Setto	4394	4355	4483	4390	23	125.0
6370	Setto	4397	4388	4355	4394	23	125.0
6371	Setto	4401	4389	4388	4397	23	125.0
6372	Setto	4405	4390	2996	2986	23	125.0
6373	Setto	4417	4394	4390	4405	23	125.0
6374	Setto	6128	5129	5063	6115	23	110.0
6375	Setto	6116	5130	5129	6128	23	110.0
6376	Setto	6117	5131	5130	6116	23	110.0
6377	Setto	6118	5132	5131	6117	23	110.0
6378	Setto	5112	6119	3763	3762	23	110.0
6379	Setto	5113	6121	6119	5112	23	110.0
6380	Setto	5114	6122	6121	5113	23	110.0
6381	Setto	5115	6123	6122	5114	23	110.0
6382	Setto	5128	6128	6115	6124	23	110.0
6383	Setto	6125	6116	6128	5128	23	110.0
6384	Setto	6126	6117	6116	6125	23	110.0
6385	Setto	6127	6118	6117	6126	23	110.0
6386	Setto	6130	5112	3762	3761	23	110.0
6387	Setto	6133	5113	5112	6130	23	110.0
6388	Setto	145	5114	5113	6133	23	110.0
6389	Setto	4880	5115	5114	145	23	110.0
6390	Setto	6129	6130	3761	3760	23	110.0
6391	Setto	6134	6133	6130	6129	23	110.0
6392	Setto	5050	145	6133	6134	23	110.0
6393	Setto	5057	4880	145	5050	23	110.0
6394	Setto	5107	6129	3760	6114	23	110.0
6395	Setto	6120	6134	6129	5107	23	110.0
6396	Setto	6131	5050	6134	6120	23	110.0
6397	Setto	6132	5057	5050	6131	23	110.0
6398	Setto	4623	5107	6114	4594	23	110.0
6399	Setto	4625	6120	5107	4623	23	110.0

6400	Setto	4627	6131	6120	4625	23	110.0
6401	Setto	4629	6132	6131	4627	23	110.0
6402	Setto	6124	6115	3757	3756	23	110.0
6403	Setto	6115	5063	5062	3757	23	110.0
6404	Setto	3757	5062	5061	3758	23	110.0
6405	Setto	3758	5061	70		23	110.0
6406	Setto	3574	6114	3760		23	110.0
6407	Setto	4594	6114	3574	4592	23	110.0
6408	Setto	6092	1840	260		23	110.0

MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO

LEGENDA TABELLA DATI SOLAI

Il programma utilizza per la modellazione elementi a tre o più nodi denominati in generale solaio.
Ogni elemento solaio è individuato da una poligonale di nodi 1,2, ..., N.
L'elemento solaio è utilizzato in primo luogo per la modellazione dei carichi agenti sugli elementi strutturali. In secondo luogo può essere utilizzato per la corretta ripartizione delle forze orizzontali agenti nel proprio piano. L'elemento balcone è derivato dall'elemento solaio.
I carichi agenti sugli elementi, raccolti in un archivio, sono direttamente assegnati agli elementi utilizzando le informazioni raccolte nell' archivio (es. i coefficienti combinatori). La tabella seguente riporta i dati utilizzati per la definizione dei carichi e delle masse.

Id.Arch.	Identificativo dell' archivio
Tipo	Tipo di carico ***Variab.*** Carico variabile generico ***Var. rid.*** Carico variabile generico con riduzione in funzione dell' area (c.5.5. …) ***Neve*** Carico di neve
G1k	carico permanente (comprensivo del peso proprio)
G2k	carico permanente non strutturale e non compiutamente definito
Qk	carico variabile
Fatt. A	fattore di riduzione del carico variabile (0.5 o 0.75) per tipo "Var.rid."
S sis.	fattore di riduzione del carico variabile per la definizione delle masse sismiche per D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento")
Psi 0	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: ***per valore raro***
Psi 1	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: ***per valore frequente***
Psi 2	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: ***per valore quasi permanente***
Psi S 2	Coefficiente di combinazione che fornisce il valore quasi-permanente dell'azione variabile: ***per la definizione delle masse sismiche***
Fatt. Fi	Coefficiente di correlazione dei carichi per edifici

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione. In particolare per ogni elemento viene indicato in tabella:

Elem	numero dell'elemento
Tipo	codice di comportamento ***S*** elemento utilizzato solo per scarico ***C*** elemento utilizzato per scarico e per modellazione piano rigido ***M*** scarico monodirezionale ***B*** scarico bidirezionale
Id.Arch.	Identificativo dell' archivio
Mat	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Orditura	angolo (rispetto all'asse X) della direzione dei travetti principali
Gk	carico permanente (comprensivo del peso proprio)
Qk	carico variabile
Nodi	numero dei nodi che definiscono l'elemento (5 per riga)

Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale); nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite vengono riportati il rapporto x/d e le verifiche per sollecitazioni proporzionali nonché le verifiche in esercizio.

In particolare i simboli utilizzati in tabella assumono il seguente significato:

Elem.	numero identificativo dell'elemento
Stato	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
Note	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m);
Pos.	Ascissa del punto di verifica
F ist, F infi	Frecce instantanee e a tempo infinito
Momento	Momento flettente
Taglio	Sollecitazione di taglio
Af inf.	Area di armatura longitudinale posta all'intradosso della trave
Af sup.	Area di armatura longitudinale posta all'estradosso della trave
AfV	Area dell'armatura atta ad assorbire le azioni di taglio
Beff	Base della sezione di cls per l'assorbimento del taglio
	simboli utilizzati con il metodo delle tensioni ammissibili:
sc max	Massima tensione di compressione del calcestruzzo
sf max	Massima tensione nell'acciaio
tau max	Massima tensione tangenziale nel cls
	simboli utilizzati con il metodo degli stati limite:
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
verif.	rapporto Sd/Su con sollecitazioni ultime proporzionali: valore minore o uguale a 1 per verifica positiva

Verif.V	rapporto Sd/Su con sollecitazioni taglianti proporzionali valore minore o uguale a 1 per verifica positiva
rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1]
rFfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni frequenti [normalizzato a 1]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [normalizzato a 1]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni frequenti [normalizzato a 1]
rFyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1]
rPfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni quasi permanenti [normalizzato a 1]
wR	apertura caratteristica delle fessure in combinazioni rare [mm]
wF	apertura caratteristica delle fessure in combinazioni frequenti [mm]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [mm]

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
14	ANALISI DEI CARICHI PER UN SOLAIO DI COPERTURA
15	EFFETTI DELLO SPESSORE SULLA RIGIDEZZA DEI SOLAI
16	SOLAIO: CONFRONTO FRA RIGIDO E DEFORMABILE
17	SOLAIO: MISTO LEGNO-CALCESTRUZZO
28	FRECCIA DI SOLAI IN C.A.
119	PROGETTO E VERIFICA DI SOLAI IN MATERIALE XLAM

ID Arch.	Tipo	G1k	G2k	Qk	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
		daN/cm2	daN/cm2	daN/cm2							
1	Variab.	1.60e-02	1.00e-02	2.00e-02		1.00	0.70	0.50	0.30	0.30	1.00

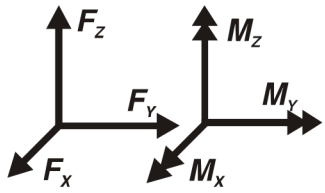
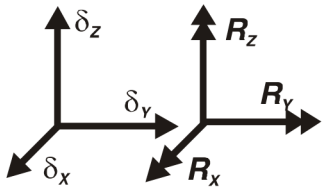
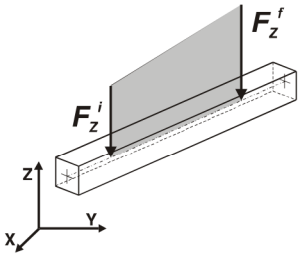
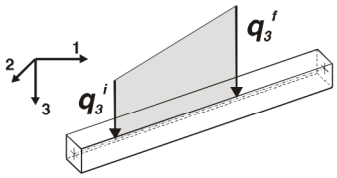
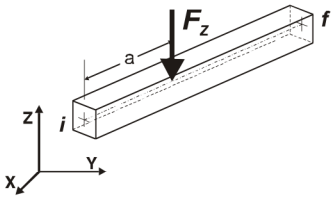
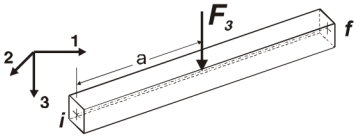
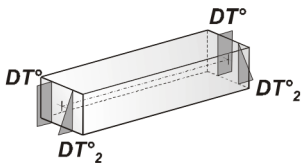
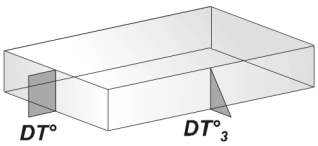
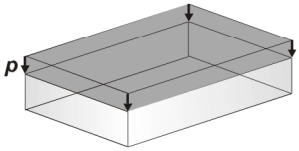
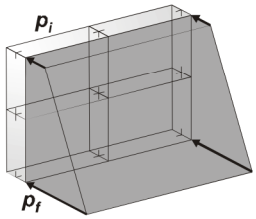
Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1k	G2k	Qk	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
						daN/cm2	daN/cm2	daN/cm2					
1	SM	1	m=10	1.0	90.0	1.60e-02	1.00e-02	2.00e-02	5152	6017	5260	5117	
2	SM	1	m=10	1.0	90.0	1.60e-02	1.00e-02	2.00e-02	4784 6017	4906 4728	4617	5658	5986
3	SM	1	m=10	1.0	90.0	1.60e-02	1.00e-02	2.00e-02	5986	5373	5260	6017	
4	SM	1	m=10	1.0	90.0	1.60e-02	1.00e-02	2.00e-02	5658	5610	5373	5986	
5	SM	1	m=10	1.0	90.0	1.60e-02	1.00e-02	2.00e-02	4728	6017	5152	5132	
6	SM	1	m=10	1.0	90.0	1.60e-02	1.00e-02	2.00e-02	5132	4629	4658	4728	
7	SM	1	m=10	1.0	0.0	1.60e-02	1.00e-02	2.00e-02	5658 5610	4617	4290	4327	4531

MODELLAZIONE DELLE AZIONI
LEGENDA TABELLA DATI AZIONI

Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

1	**carico concentrato nodale** 6 dati (forza Fx, Fy, Fz, momento Mx, My, Mz)
2	**spostamento nodale impresso** 6 dati (spostamento Tx,Ty,Tz, rotazione Rx,Ry,Rz)
3	**carico distribuito globale su elemento tipo trave** 7 dati (fx,fy,fz,mx,my,mz,ascissa di inizio carico) 7 dati (fx,fy,fz,mx,my,mz,ascissa di fine carico)
4	**carico distribuito locale su elemento tipo trave** 7 dati (f1,f2,f3,m1,m2,m3,ascissa di inizio carico) 7 dati (f1,f2,f3,m1,m2,m3,ascissa di fine carico)
5	**carico concentrato globale su elemento tipo trave** 7 dati (Fx,Fy,Fz,Mx,My,Mz,ascissa di carico)
6	**carico concentrato locale su elemento tipo trave** 7 dati (F1, F2, F3, M1, M2, M3, ascissa di carico)
7	**variazione termica applicata ad elemento tipo trave** 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	**carico di pressione uniforme su elemento tipo piastra** 1 dato (pressione)
9	**carico di pressione variabile su elemento tipo piastra** 4 dati (pressione, quota, pressione, quota)
10	**variazione termica applicata ad elemento tipo piastra** 2 dati (variazioni termiche: media e differenza nello spessore)

11	**carico variabile generale su elementi tipo trave e piastra** 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	**gruppo di carichi con impronta su piastra** 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell' impronta, interasse tra i carichi

 Carico concentrato nodale	 Spostamento impresso
 Carico distribuito globale	 Carico distribuito locale
 Carico concentrato globale	 Carico concentrato locale
 Carico termico 2D	 Carico termico 3D
 Carico pressione uniforme	 Carico pressione variabile

Tipo	carico variabile generale

Id	Tipo	ascissa	valore	ascissa	valore
		cm	daN/cm2	cm	daN/cm2
1	Rinfianco				
	Z - Z Qz Area L2=0.0	380.00	-0.07	580.00	-1.50e-03

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.
Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	*Tipo*	*Descrizione*
1	**Ggk**	A	caso di carico comprensivo del peso proprio struttura
2	**Gk**	NA	caso di carico con azioni permanenti
3	**Qk**	NA	caso di carico con azioni variabili
4	**Gsk**	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	**Qsk**	A	caso di carico comprensivo dei carichi variabili sui solai
6	**Qnk**	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	**Qtk**	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	**Qvk**	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	**Esk**	SA	caso di carico sismico con analisi statica equivalente
10	**Edk**	SA	caso di carico sismico con analisi dinamica
11	**Pk**	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:
7-Qtk, in quanto richiede solo il valore della variazione termica;
9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:
Numero Tipo e *Sigla identificativa, Valore di riferimento* del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Qk	CDC=Qk (variabile rinfianco)	D3 :da 1 a 6408 Azione : Rinfianco
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)	
4	Qsk	CDC=Qsk (variabile solai)	
5	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:0.80 per 2 CDC=Qk (variabile rinfianco)
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)
			partecipazione:1.00 per 4 CDC=Qsk (variabile solai)
6	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico
7	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico
8	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico
9	Esk	CDC=Es (statico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico
10	Esk	CDC=Es (statico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico
11	Esk	CDC=Es (statico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico
12	Esk	CDC=Es (statico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente.
Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: *Numero*, *Tipo*, *Sigla identificativa*. Una seconda tabella riporta il *peso nella combinazione*, assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

Combinazione fondamentale SLU

$$\gamma G1 \cdot G1 + \gamma G2 \cdot G2 + \gamma P \cdot P + \gamma Q1 \cdot Qk1 + \gamma Q2 \cdot \psi 02 \cdot Qk2 + \gamma Q3 \cdot \psi 03 \cdot Qk3 + \ldots$$

Combinazione caratteristica (rara) SLE

$$G1 + G2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \ldots$$

Combinazione frequente SLE

$$G1 + G2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$$

Combinazione quasi permanente SLE

$$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$$

Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$$E + G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$$

Combinazione eccezionale, impiegata per gli stati limite connessi alle azioni eccezionali

$$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$$

Dove:

NTC 2008 Tabella 2.5.I

Destinazione d'uso/azione	ψ0	ψ1	ψ2
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini,…	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli <= 30kN)	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli > 30kN)	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota <= 1000 m	0,50	0,20	0,00
Neve a quota > 1000 m	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00

Nelle verifiche possono essere adottati in alternativa, due diversi approcci progettuali:

- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),

- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2008 Tabella 2.6.I

		Coefficiente γf	**EQU**	**A1**	**A2**
Carichi permanenti	Favorevoli	γG1	0,9	1,0	1,0
	Sfavorevoli		1,1	1,3	1,0
Carichi permanenti non strutturali (Non compiutamente definiti)	Favorevoli	γG2	0,0	0,0	0,0
	Sfavorevoli		1,5	1,5	1,3
Carichi variabili	Favorevoli	γQi	0,0	0,0	0,0
	Sfavorevoli		1,5	1,5	1,3

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 (SLV sism.) 13	
14	SLU	Comb. SLU A1 (SLV sism.) 14	
15	SLU	Comb. SLU A1 (SLV sism.) 15	
16	SLU	Comb. SLU A1 (SLV sism.) 16	
17	SLU	Comb. SLU A1 (SLV sism.) 17	
18	SLU	Comb. SLU A1 (SLV sism.) 18	
19	SLU	Comb. SLU A1 (SLV sism.) 19	
20	SLU	Comb. SLU A1 (SLV sism.) 20	
21	SLU	Comb. SLU A1 (SLV sism.) 21	
22	SLU	Comb. SLU A1 (SLV sism.) 22	
23	SLU	Comb. SLU A1 (SLV sism.) 23	
24	SLU	Comb. SLU A1 (SLV sism.) 24	
25	SLU	Comb. SLU A1 (SLV sism.) 25	
26	SLU	Comb. SLU A1 (SLV sism.) 26	
27	SLU	Comb. SLU A1 (SLV sism.) 27	
28	SLU	Comb. SLU A1 (SLV sism.) 28	
29	SLU	Comb. SLU A1 (SLV sism.) 29	
30	SLU	Comb. SLU A1 (SLV sism.) 30	
31	SLU	Comb. SLU A1 (SLV sism.) 31	
32	SLU	Comb. SLU A1 (SLV sism.) 32	
33	SLU	Comb. SLU A1 (SLV sism.) 33	
34	SLU	Comb. SLU A1 (SLV sism.) 34	
35	SLU	Comb. SLU A1 (SLV sism.) 35	
36	SLU	Comb. SLU A1 (SLV sism.) 36	
37	SLU	Comb. SLU A1 (SLV sism.) 37	
38	SLU	Comb. SLU A1 (SLV sism.) 38	
39	SLU	Comb. SLU A1 (SLV sism.) 39	
40	SLU	Comb. SLU A1 (SLV sism.) 40	
41	SLU	Comb. SLU A1 (SLV sism.) 41	
42	SLU	Comb. SLU A1 (SLV sism.) 42	
43	SLU	Comb. SLU A1 (SLV sism.) 43	
44	SLU	Comb. SLU A1 (SLV sism.) 44	
45	SLD(sis)	Comb. SLE (SLD Danno sism.) 45	
46	SLD(sis)	Comb. SLE (SLD Danno sism.) 46	
47	SLD(sis)	Comb. SLE (SLD Danno sism.) 47	
48	SLD(sis)	Comb. SLE (SLD Danno sism.) 48	
49	SLD(sis)	Comb. SLE (SLD Danno sism.) 49	
50	SLD(sis)	Comb. SLE (SLD Danno sism.) 50	
51	SLD(sis)	Comb. SLE (SLD Danno sism.) 51	
52	SLD(sis)	Comb. SLE (SLD Danno sism.) 52	
53	SLD(sis)	Comb. SLE (SLD Danno sism.) 53	
54	SLD(sis)	Comb. SLE (SLD Danno sism.) 54	
55	SLD(sis)	Comb. SLE (SLD Danno sism.) 55	
56	SLD(sis)	Comb. SLE (SLD Danno sism.) 56	
57	SLD(sis)	Comb. SLE (SLD Danno sism.) 57	
58	SLD(sis)	Comb. SLE (SLD Danno sism.) 58	
59	SLD(sis)	Comb. SLE (SLD Danno sism.) 59	
60	SLD(sis)	Comb. SLE (SLD Danno sism.) 60	
61	SLD(sis)	Comb. SLE (SLD Danno sism.) 61	
62	SLD(sis)	Comb. SLE (SLD Danno sism.) 62	
63	SLD(sis)	Comb. SLE (SLD Danno sism.) 63	
64	SLD(sis)	Comb. SLE (SLD Danno sism.) 64	
65	SLD(sis)	Comb. SLE (SLD Danno sism.) 65	
66	SLD(sis)	Comb. SLE (SLD Danno sism.) 66	
67	SLD(sis)	Comb. SLE (SLD Danno sism.) 67	
68	SLD(sis)	Comb. SLE (SLD Danno sism.) 68	
69	SLD(sis)	Comb. SLE (SLD Danno sism.) 69	
70	SLD(sis)	Comb. SLE (SLD Danno sism.) 70	
71	SLD(sis)	Comb. SLE (SLD Danno sism.) 71	

Cmb	Tipo	Sigla Id	effetto P-delta
72	SLD(sis)	Comb. SLE (SLD Danno sism.) 72	
73	SLD(sis)	Comb. SLE (SLD Danno sism.) 73	
74	SLD(sis)	Comb. SLE (SLD Danno sism.) 74	
75	SLD(sis)	Comb. SLE (SLD Danno sism.) 75	
76	SLD(sis)	Comb. SLE (SLD Danno sism.) 76	
77	SLE(r)	Comb. SLE(rara) 77	
78	SLE(r)	Comb. SLE(rara) 78	
79	SLE(r)	Comb. SLE(rara) 79	
80	SLE(r)	Comb. SLE(rara) 80	
81	SLE(r)	Comb. SLE(rara) 81	
82	SLE(r)	Comb. SLE(rara) 82	
83	SLE(f)	Comb. SLE(freq.) 83	
84	SLE(f)	Comb. SLE(freq.) 84	
85	SLE(f)	Comb. SLE(freq.) 85	
86	SLE(f)	Comb. SLE(freq.) 86	
87	SLE(f)	Comb. SLE(freq.) 87	
88	SLE(f)	Comb. SLE(freq.) 88	
89	SLE(f)	Comb. SLE(freq.) 89	
90	SLE(p)	Comb. SLE(perm.) 90	
91	SLE(p)	Comb. SLE(perm.) 91	
92	SLE(p)	Comb. SLE(perm.) 92	
93	SLE(p)	Comb. SLE(perm.) 93	
94	SLU(acc.)	Comb. SLU (Accid.) 94	
95	SLU(acc.)	Comb. SLU (Accid.) 95	
96	SLU(acc.)	Comb. SLU (Accid.) 96	
97	SLU(acc.)	Comb. SLU (Accid.) 97	
98	SLU	Carichi statici	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2	1.30	0.0	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
3	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
4	1.30	1.50	1.50	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
5	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	1.00	0.0	0.0	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	1.00	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
8	1.00	1.50	0.0	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	1.30	0.0	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
10	1.30	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
11	1.00	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	1.00	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
13	1.00	0.80	1.00	0.30	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0		
14	1.00	0.80	1.00	0.30	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0		
15	1.00	0.80	1.00	0.30	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0		
16	1.00	0.80	1.00	0.30	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0		
17	1.00	0.80	1.00	0.30	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0		
18	1.00	0.80	1.00	0.30	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0		
19	1.00	0.80	1.00	0.30	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0		
20	1.00	0.80	1.00	0.30	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0		
21	1.00	0.80	1.00	0.30	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0		
22	1.00	0.80	1.00	0.30	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0		
23	1.00	0.80	1.00	0.30	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0		
24	1.00	0.80	1.00	0.30	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0		
25	1.00	0.80	1.00	0.30	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0		
26	1.00	0.80	1.00	0.30	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0		
27	1.00	0.80	1.00	0.30	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0		
28	1.00	0.80	1.00	0.30	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0		
29	1.00	0.80	1.00	0.30	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0		
30	1.00	0.80	1.00	0.30	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0		
31	1.00	0.80	1.00	0.30	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0		
32	1.00	0.80	1.00	0.30	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0		
33	1.00	0.80	1.00	0.30	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0		
34	1.00	0.80	1.00	0.30	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0		
35	1.00	0.80	1.00	0.30	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0		
36	1.00	0.80	1.00	0.30	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0		
37	1.00	0.80	1.00	0.30	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0		
38	1.00	0.80	1.00	0.30	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0		
39	1.00	0.80	1.00	0.30	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0		
40	1.00	0.80	1.00	0.30	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0		

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
41	1.00	0.80	1.00	0.30	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0		
42	1.00	0.80	1.00	0.30	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0		
43	1.00	0.80	1.00	0.30	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0		
44	1.00	0.80	1.00	0.30	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0		
45	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0		
46	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0		
47	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0		
48	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0		
49	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30		
50	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30		
51	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30		
52	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30		
53	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30	0.0		
54	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.30	0.0		
55	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	-0.30	0.0		
56	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0		
57	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30		
58	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30		
59	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30		
60	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30		
61	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0		
62	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	1.00	0.0		
63	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	-1.00	0.0		
64	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	1.00	0.0		
65	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00	0.0		
66	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	1.00	0.0		
67	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	-1.00	0.0		
68	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	1.00	0.0		
69	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	-1.00		
70	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	-0.30	0.0	0.0	1.00		
71	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	0.0	-1.00		
72	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.30	0.0	0.0	1.00		
73	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	-1.00		
74	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	-0.30	0.0	1.00		
75	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	-1.00		
76	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.00		
77	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
78	1.00	0.0	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
79	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
80	1.00	1.00	1.00	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
81	1.00	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
82	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
83	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
84	1.00	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
85	1.00	0.90	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
86	1.00	0.90	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
87	1.00	0.0	1.00	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
88	1.00	0.80	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
89	1.00	0.80	1.00	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
90	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
91	1.00	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
92	1.00	0.80	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
93	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
94	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
95	1.00	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
96	1.00	0.80	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
97	1.00	0.80	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
98	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

L'azione sismica sulle costruzioni è valutata a partire dalla "pericolosità sismica di base", in condizioni ideali di sito di riferimento rigido con superficie topografica orizzontale.
Allo stato attuale, la pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento è fornita dai dati pubblicati sul sito http://esse1.mi.ingv.it/. Per punti non coincidenti con il reticolo di riferimento e periodi di ritorno non contemplati direttamente si opera come indicato nell' allegato alle NTC (rispettivamente media pesata e interpolazione).

L' azione sismica viene definita in relazione ad un periodo di riferimento Vr che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale per il coefficiente d'uso (vedi tabella Parametri della struttura). Fissato il periodo di riferimento Vr e la probabilità di superamento Pver associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno Tr e i relativi parametri di pericolosità sismica (vedi tabella successiva):

ag: accelerazione orizzontale massima del terreno;
Fo: valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;
T*c: periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

Parametri della struttura					
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]	Tipo di suolo	Categoria topografica
III	50.0	1.5	75.0	C	T1

Individuati su reticolo di riferimento i parametri di pericolosità sismica si valutano i parametri spettrali riportati in tabella:
S è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche mediante la relazione seguente S = Ss*St (3.2.5)
Fo è il fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale
Fv è il fattore che quantifica l'amplificazione spettrale massima verticale, in termini di accelerazione orizzontale massima del terreno ag su sito di riferimento rigido orizzontale
Tb è il periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante.
Tc è il periodo corrispondente all'inizio del tratto dello spettro a velocità costante.
Td è il periodo corrispondente all'inizio del tratto dello spettro a spostamento costante.

Id nodo	Longitudine	Latitudine	Distanza
			Km
Loc.	16.279	41.318	
31010	16.219	41.302	5.300
31011	16.286	41.301	1.972
30789	16.288	41.351	3.733
30788	16.221	41.352	6.123

SL	Pver	Tr	ag	Fo	T*c
		Anni	g		sec
SLO	81.0	45.0	0.046	2.550	0.290
SLD	63.0	75.0	0.059	2.540	0.320
SLV	10.0	712.0	0.170	2.520	0.400
SLC	5.0	1462.0	0.235	2.440	0.420

SL	ag	S	Fo	Fv	Tb	Tc	Td
	g				sec	sec	sec
SLO	0.046	1.500	2.550	0.738	0.153	0.458	1.784
SLD	0.059	1.500	2.540	0.836	0.163	0.489	1.838
SLV	0.170	1.443	2.520	1.403	0.189	0.568	2.280
SLC	0.235	1.355	2.440	1.598	0.196	0.587	2.542

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

9. Esk caso di carico sismico con analisi statica equivalente
10. Edk caso di carico sismico con analisi dinamica

Ciascun caso di carico è caratterizzato da un angolo di ingresso e da una configurazione di masse determinante la forza sismica complessiva (si rimanda al capitolo relativo ai casi di carico per chiarimenti inerenti questo aspetto).

Nella colonna Note, in funzione della norma in uso sono riportati i parametri fondamentali che caratterizzano l' azione sismica: in particolare possono essere presenti i seguenti valori:

Angolo di ingresso	Angolo di ingresso dell'azione sismica orizzontale
Fattore di importanza	Fattore di importanza dell'edificio, in base alla categoria di appartenenza
Zona sismica	Zona sismica
Accelerazione ag	Accelerazione orizzontale massima sul suolo
Categoria suolo	Categoria di profilo stratigrafico del suolo di fondazione
Fattore di struttura q	Fattore dipendente dalla tipologia strutturale
Fattore di sito S	Fattore dipendente dalla stratigrafia e dal profilo topografico
Classe di duttilità CD	Classe di duttilità della struttura – "A" duttilità alta, "B" duttilità bassa
Fattore riduz. SLD	Fattore di riduzione dello spettro elastico per lo stato limite di danno
Periodo proprio T1	Periodo proprio di vibrazione della struttura
Coefficiente Lambda	Coefficiente dipendente dal periodo proprio T1 e dal numero di piani della struttura
Ordinata spettro Sd(T1)	Valore delle ordinate dello spettro di progetto per lo stato limite ultimo, componente orizzontale (verticale Svd)
Ordinata spettro Se(T1)	Valore delle ordinate dello spettro elastico ridotta del fattore SLD per lo stato limite di danno, componente orizzontale (verticale Sve)
Ordinata spettro S (Tb-Tc)	Valore dell' ordinata dello spettro in uso nel tratto costante
numero di modi considerati	Numero di modi di vibrare della struttura considerati nell'analisi dinamica

Per ciascun caso di carico sismico viene riportato l'insieme di dati sottoriportati (le masse sono espresse in unità di forza):

a) **analisi sismica statica equivalente**:
- quota, posizione del centro di applicazione e azione orizzontale risultante, posizione del baricentro delle rigidezze, rapporto r/Ls (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
- azione sismica complessiva

b) **analisi sismica dinamica con spettro di risposta**:
- quota, posizione del centro di massa e massa risultante, posizione del baricentro delle rigidezze, rapporto r/Ls (per strutture a nucleo) , indici di regolarità e/r secondo EC8 4.2.3.2
- frequenza, periodo,accelerazione spettrale, massa eccitata nelle tre direzioni globali per tutti i modi
- massa complessiva ed aliquota di massa complessiva eccitata.

Per ciascuna combinazione sismica definita SLD o SLO viene riportato il livello di deformazione etaT (dr) degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso anche in unità 1000*etaT/h da confrontare direttamente con i valori forniti nella norma (es. 5 per edifici con tamponamenti collegati rigidamente alla struttura, 10.0 per edifici con tamponamenti collegati elasticamente, 3 per edifici in muratura ordinaria, 4 per edifici in muratura armata).

Qualora si applichi il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") l'analisi sismica dinamica può essere comprensiva di sollecitazione verticale contemporanea a quella orizzontale, nel qual caso è effettuata una sovrapposizione degli effetti in ragione della radice dei quadrati degli effetti stessi. Per ciascuna combinazione sismica - analisi effettuate con il D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento") - viene riportato il livello di deformazione etaT, etaP e etaD degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso in unità 1000*etaT/h da confrontare direttamente con il valore 2 o 4 per la verifica.

Per gli edifici sismicamente isolati si riportano di seguito le verifiche condotte sui dispositivi di isolamento. Le verifiche sono effettuate secondo l' allegato 10.A dell'Ordinanza 3274 e smi. In particolare la tabella, per ogni combinazione SLU (SLC per il DM 14-01-2008) sismica riporta il codice di verifica e i valori utilizzati per la verifica: spostamento dE, area ridotta e dimensione A2, azione verticale, deformazioni di taglio dell'

elastomero e tensioni nell' acciaio.

Nodo	Nodo di appoggio dell' isolatore
Cmb	Combinazione oggetto della verifica
Verif.	Codice di verifica ok – verifica positiva , NV – verifica negativa, ND – verifica non completata
dE	Spostamento relativo tra le due facce (amplificato del 20% per Ordinanza 3274 e smi) combinato con la regola del 30%
Ang fi	Angolo utilizzato per il calcolo dell' area ridotta Ar (per dispositivi circolari)
V	Azione verticale agente
Ar	Area ridotta efficace
Dim A2	Dimensione utile per il calcolo della deformazione per rotazione
Sig s	Tensione nell' inserto in acciaio
Gam c(a,s,t)	Deformazioni di taglio dell' elestomero
Vcr	Carico critico per instabilità

Affinchè la verifica sia positiva deve essere:

1) V > 0
2) Sig s < fyk
3) Gam t < 5
4) Gam s < Gam * (caratteristica dell' elastomero)
5) Gam s < 2
6) V < 0.5 Vcr

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
23	DM 2008: SPETTRO
29	SISMICA 1000/H, SOMMA V, EFFETTO P-δ
30	ANALISI DI UN EDIFICIO CON ISOLATORI SISMICI
65	MASSE SISMICHE
70	PROGETTO DI ISOLATORI ELASTOMERICI
71	VERIFICA DI ISOLATORI ELASTOMERICI
72	VERIFICA DI ISOLATORI FRICTION PENDULUM

CDC	Tipo	Sigla Id	Note
5	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.000
			categoria suolo: C
			fattore di sito S = 1.443
			ordinata spettro (tratto Tb-Tc) = 0.618 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.273 sec.
			fattore di struttura q: 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B coefficiente Lambda: 0.850
			ordinata spettro Sd(T1): 0.618

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	daN	daN	cm	cm	cm	cm	cm	cm			
963.56	712.67	712.67	720.78	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
960.00	2.588e+05	2.595e+05	2.627e+05	2044.47	905.00	0.0	-125.94	2809.58	1527.86	0.700	0.490	0.687
959.94	2999.84	2.625e+05	3045.49	538.31	581.82	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
959.88	2137.56	2.646e+05	2170.22	304.25	583.00	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
959.82	799.01	2.654e+05	811.26	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
957.28	384.27	2.658e+05	391.20	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
868.56	1284.81	2.671e+05	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.00	3.309e+05	5.980e+05	3.728e+05	2075.30	906.30	0.0	-125.94	3067.78	1528.04	0.589	0.722	0.815
864.94	3462.23	6.015e+05	3900.98	538.31	581.82	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
864.85	4895.05	6.064e+05	5515.85	245.45	583.30	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
864.57	932.04	6.073e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.15	935.74	6.082e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.72	941.52	6.092e+05	1062.30	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
862.28	692.28	6.099e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.18	1135.00	6.110e+05	1288.87	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
773.56	1144.28	6.122e+05	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
770.00	2.946e+05	9.067e+05	3.728e+05	2075.33	906.32	0.0	-125.94	3067.37	1528.03	0.589	0.722	0.815
769.94	3081.95	9.098e+05	3900.98	538.31	581.82	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
769.85	4357.35	9.142e+05	5515.85	245.45	583.30	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
769.15	829.17	9.150e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.30	831.95	9.158e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.44	832.87	9.167e+05	1057.61	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.28	616.01	9.173e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
763.18	982.95	9.183e+05	1255.16	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
678.56	1043.62	9.193e+05	1498.83	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.05	1358.56	9.207e+05	1961.28	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.00	2.612e+05	1.182e+06	3.771e+05	2092.12	901.20	0.0	-125.94	0.0	0.0	0.0	0.0	0.0
674.94	1350.87	1.183e+06	1950.49	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
674.88	4052.23	1.187e+06	5851.47	358.21	582.73	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
674.82	1118.22	1.188e+06	1614.87	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.72	733.76	1.189e+06	1061.38	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.44	880.19	1.190e+06	1275.60	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.28	565.10	1.191e+06	819.16	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
671.17	833.70	1.191e+06	1210.53	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
668.18	884.77	1.192e+06	1290.41	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.56	1381.98	1.194e+06	2307.88	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.35	124.24	1.194e+06	207.55	1073.11	1377.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.14	118.86	1.194e+06	198.64	1115.19	1376.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.93	118.70	1.194e+06	198.43	1157.27	1376.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.72	118.53	1.194e+06	198.23	1199.36	1375.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.51	118.37	1.194e+06	198.03	1241.44	1375.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.30	118.20	1.194e+06	197.82	1283.52	1374.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.09	252.76	1.195e+06	423.15	1866.74	1367.51	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
581.88	247.07	1.195e+06	413.78	1901.30	1367.08	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
581.67	246.70	1.195e+06	413.32	1946.07	1366.51	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
581.46	246.33	1.195e+06	412.86	1990.83	1365.95	0.0	-0.65	0.0	0.0	0.0	0.0	0.0
581.26	117.38	1.195e+06	196.80	1493.94	1372.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.18	128.58	1.196e+06	215.61	2530.06	1359.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.05	248.95	1.196e+06	417.54	1247.68	1080.03	0.0	-27.55	0.0	0.0	0.0	0.0	0.0
580.95	128.38	1.196e+06	215.35	2577.36	1358.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.81	388.76	1.196e+06	652.28	1073.00	988.03	0.0	-27.41	0.0	0.0	0.0	0.0	0.0
580.71	128.17	1.197e+06	215.10	2624.66	1357.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.63	116.89	1.197e+06	196.18	1620.19	1370.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.57	250.18	1.197e+06	419.94	738.45	823.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.47	127.97	1.197e+06	214.84	2671.97	1357.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.42	116.72	1.197e+06	195.98	1662.27	1370.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.33	249.78	1.197e+06	419.44	621.50	824.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.24	244.33	1.198e+06	410.37	2235.09	1362.88	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
580.09	249.38	1.198e+06	418.94	504.54	825.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.00	1.616e+05	1.359e+06	2.715e+05	1917.48	915.59	0.0	-125.94	0.0	0.0	0.0	0.0	0.0
579.94	1989.35	1.361e+06	3342.99	538.30	581.82	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
579.85	3067.26	1.364e+06	5155.03	257.24	603.46	0.0	-12.18	0.0	0.0	0.0	0.0	0.0
579.79	249.00	1.365e+06	418.54	2324.65	1361.75	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
579.62	373.06	1.365e+06	627.25	767.24	999.36	0.0	-27.04	0.0	0.0	0.0	0.0	0.0
579.52	130.15	1.365e+06	218.85	2861.17	1355.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.38	352.18	1.366e+06	592.38	733.16	1009.88	0.0	-26.97	0.0	0.0	0.0	0.0	0.0
579.29	130.09	1.366e+06	218.86	2908.48	1354.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.14	311.27	1.366e+06	523.77	764.50	1033.23	0.0	-26.96	0.0	0.0	0.0	0.0	0.0
579.05	130.04	1.366e+06	218.86	2955.78	1353.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.95	118.63	1.366e+06	199.69	1956.85	1366.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.81	129.99	1.366e+06	218.86	3003.08	1353.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.75	118.59	1.367e+06	199.69	1998.93	1365.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
578.54	248.48	1.367e+06	418.55	2568.82	1358.68	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
578.33	757.91	1.368e+06	1277.19	858.92	480.42	0.0	-65.61	0.0	0.0	0.0	0.0	0.0
578.12	248.29	1.368e+06	418.54	2658.42	1357.55	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
577.87	243.06	1.368e+06	409.88	2692.90	1357.12	0.0	-0.65	0.0	0.0	0.0	0.0	0.0
577.70	118.37	1.368e+06	199.68	2209.35	1363.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.63	1206.79	1.369e+06	2036.01	3235.85	1350.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.49	113.11	1.369e+06	190.88	2251.43	1362.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.28	585.78	1.370e+06	988.88	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
576.62	2117.73	1.372e+06	3579.11	1027.31	1377.81	0.0	-8.25	0.0	0.0	0.0	0.0	0.0
576.42	250.18	1.372e+06	422.97	1073.07	1374.60	0.0	-8.26	0.0	0.0	0.0	0.0	0.0
576.22	239.59	1.373e+06	405.21	1115.19	1376.92	0.0	-8.25	0.0	0.0	0.0	0.0	0.0
576.01	239.50	1.373e+06	405.20	1157.27	1376.40	0.0	-8.24	0.0	0.0	0.0	0.0	0.0
575.93	1.871e+04	1.392e+06	3.165e+04	2177.99	879.57	0.0	-22.56	0.0	0.0	0.0	0.0	0.0
575.81	239.41	1.392e+06	405.18	1199.36	1375.87	0.0	-8.23	0.0	0.0	0.0	0.0	0.0
575.61	239.31	1.392e+06	405.17	1241.44	1375.34	0.0	-8.23	0.0	0.0	0.0	0.0	0.0
575.47	573.42	1.393e+06	971.06	2289.85	1442.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
575.41	239.22	1.393e+06	405.16	1283.52	1374.82	0.0	-8.22	0.0	0.0	0.0	0.0	0.0
575.21	512.19	1.393e+06	867.74	1866.86	1367.90	0.0	-8.74	0.0	0.0	0.0	0.0	0.0
575.00	501.21	1.394e+06	849.46	1901.48	1367.07	0.0	-8.74	0.0	0.0	0.0	0.0	0.0
574.80	501.00	1.394e+06	849.42	1946.28	1366.51	0.0	-8.73	0.0	0.0	0.0	0.0	0.0
574.60	500.79	1.395e+06	849.38	1991.07	1365.95	0.0	-8.73	0.0	0.0	0.0	0.0	0.0
574.40	238.75	1.395e+06	405.07	1493.94	1372.18	0.0	-8.17	0.0	0.0	0.0	0.0	0.0
574.33	261.82	1.395e+06	444.27	2530.06	1359.18	0.0	-7.97	0.0	0.0	0.0	0.0	0.0
574.20	542.84	1.396e+06	921.31	1230.29	1058.14	0.0	-34.76	0.0	0.0	0.0	0.0	0.0
574.10	261.70	1.396e+06	444.24	2577.36	1358.58	0.0	-7.96	0.0	0.0	0.0	0.0	0.0
573.97	788.61	1.397e+06	1338.95	1074.04	990.02	0.0	-34.62	0.0	0.0	0.0	0.0	0.0
573.87	261.58	1.397e+06	444.22	2624.66	1357.99	0.0	-7.95	0.0	0.0	0.0	0.0	0.0
573.79	238.47	1.398e+06	405.01	1620.19	1370.60	0.0	-8.15	0.0	0.0	0.0	0.0	0.0
573.74	515.49	1.398e+06	875.59	738.45	823.84	0.0	-6.26	0.0	0.0	0.0	0.0	0.0
573.64	261.46	1.398e+06	444.19	2671.97	1357.39	0.0	-7.94	0.0	0.0	0.0	0.0	0.0
573.59	238.37	1.399e+06	404.99	1662.27	1370.07	0.0	-8.14	0.0	0.0	0.0	0.0	0.0
573.51	515.25	1.399e+06	875.54	621.50	824.68	0.0	-6.25	0.0	0.0	0.0	0.0	0.0
573.41	1.242e+04	1.411e+06	2.112e+04	3414.67	408.07	0.0	-83.15	0.0	0.0	0.0	0.0	0.0
573.28	5633.28	1.417e+06	9575.78	3229.58	1372.04	0.0	-44.30	0.0	0.0	0.0	0.0	0.0
573.18	1.173e+04	1.429e+06	1.995e+04	1229.60	409.92	0.0	-62.00	0.0	0.0	0.0	0.0	0.0
573.05	514.77	1.429e+06	875.42	387.59	826.37	0.0	-6.24	0.0	0.0	0.0	0.0	0.0
572.98	499.18	1.430e+06	849.02	2324.84	1361.75	0.0	-8.66	0.0	0.0	0.0	0.0	0.0
572.90	8268.49	1.438e+06	1.407e+04	2852.25	-163.59	0.0	-112.40	0.0	0.0	0.0	0.0	0.0
572.81	752.50	1.439e+06	1280.25	763.97	998.22	0.0	-34.21	0.0	0.0	0.0	0.0	0.0
572.73	260.98	1.439e+06	444.07	2861.17	1355.00	0.0	-7.90	0.0	0.0	0.0	0.0	0.0
572.58	710.22	1.440e+06	1208.78	729.43	1008.00	0.0	-34.13	0.0	0.0	0.0	0.0	0.0
572.50	260.85	1.440e+06	444.04	2908.48	1354.40	0.0	-7.89	0.0	0.0	0.0	0.0	0.0
572.35	596.44	1.441e+06	1015.52	796.64	1039.67	0.0	-34.11	0.0	0.0	0.0	0.0	0.0
572.27	260.73	1.441e+06	444.00	2955.78	1353.80	0.0	-7.88	0.0	0.0	0.0	0.0	0.0
572.18	237.68	1.441e+06	404.81	1956.85	1366.39	0.0	-8.08	0.0	0.0	0.0	0.0	0.0
572.04	260.60	1.441e+06	443.97	3003.08	1353.20	0.0	-7.87	0.0	0.0	0.0	0.0	0.0
571.97	237.58	1.442e+06	404.78	1998.93	1365.86	0.0	-8.07	0.0	0.0	0.0	0.0	0.0
571.81	497.95	1.442e+06	848.69	2569.01	1358.68	0.0	-8.60	0.0	0.0	0.0	0.0	0.0
571.57	497.73	1.443e+06	848.62	2613.81	1358.11	0.0	-8.59	0.0	0.0	0.0	0.0	0.0
571.37	497.50	1.443e+06	848.55	2658.61	1357.55	0.0	-8.59	0.0	0.0	0.0	0.0	0.0
571.12	486.98	1.444e+06	830.93	2693.08	1357.01	0.0	-8.58	0.0	0.0	0.0	0.0	0.0
570.96	237.07	1.444e+06	404.63	2209.35	1363.23	0.0	-8.03	0.0	0.0	0.0	0.0	0.0
570.89	1910.71	1.446e+06	3261.63	3235.85	1350.16	0.0	-7.82	0.0	0.0	0.0	0.0	0.0
570.76	226.85	1.446e+06	387.33	2251.42	1361.87	0.0	-8.02	0.0	0.0	0.0	0.0	0.0
570.56	575.72	1.447e+06	983.35	2289.76	1282.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
563.18	1.699e+04	1.464e+06	2.940e+04	2191.90	871.56	0.0	-22.90	0.0	0.0	0.0	0.0	0.0
556.28	1870.44	1.465e+06	3276.74	1027.42	1379.96	0.0	-15.94	0.0	0.0	0.0	0.0	0.0
556.10	250.46	1.466e+06	438.91	1072.97	1366.80	0.0	-15.96	0.0	0.0	0.0	0.0	0.0
555.92	239.82	1.466e+06	420.40	1115.19	1376.92	0.0	-15.94	0.0	0.0	0.0	0.0	0.0
555.74	239.69	1.466e+06	420.31	1157.27	1376.40	0.0	-15.92	0.0	0.0	0.0	0.0	0.0
555.56	239.56	1.466e+06	420.22	1199.36	1375.87	0.0	-15.91	0.0	0.0	0.0	0.0	0.0
555.38	239.43	1.467e+06	420.13	1241.44	1375.34	0.0	-15.89	0.0	0.0	0.0	0.0	0.0
555.20	239.30	1.467e+06	420.03	1283.52	1374.82	0.0	-15.87	0.0	0.0	0.0	0.0	0.0
555.02	512.93	1.467e+06	900.59	1867.48	1369.08	0.0	-16.29	0.0	0.0	0.0	0.0	0.0
554.84	501.83	1.468e+06	881.42	1902.08	1367.07	0.0	-16.28	0.0	0.0	0.0	0.0	0.0
554.65	501.54	1.468e+06	881.21	1946.88	1366.50	0.0	-16.27	0.0	0.0	0.0	0.0	0.0
554.47	501.24	1.469e+06	881.00	1991.67	1365.94	0.0	-16.25	0.0	0.0	0.0	0.0	0.0
554.29	238.64	1.469e+06	419.56	1493.94	1372.18	0.0	-15.79	0.0	0.0	0.0	0.0	0.0
554.23	262.30	1.469e+06	461.22	2530.06	1359.18	0.0	-15.39	0.0	0.0	0.0	0.0	0.0
554.12	438.45	1.470e+06	771.12	1292.21	1175.27	0.0	-29.42	0.0	0.0	0.0	0.0	0.0
554.02	262.14	1.470e+06	461.10	2577.36	1358.58	0.0	-15.37	0.0	0.0	0.0	0.0	0.0
553.91	833.29	1.471e+06	1466.04	1062.14	979.70	0.0	-41.34	0.0	0.0	0.0	0.0	0.0
553.82	261.97	1.471e+06	460.98	2624.66	1357.99	0.0	-15.35	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
553.70	768.75	1.472e+06	1352.98	1011.71	993.28	0.0	-41.26	0.0	0.0	0.0	0.0	0.0
553.61	499.91	1.473e+06	880.03	2191.05	1363.43	0.0	-16.16	0.0	0.0	0.0	0.0	0.0
553.49	530.17	1.473e+06	933.46	621.50	824.68	0.0	-12.08	0.0	0.0	0.0	0.0	0.0
553.41	499.61	1.474e+06	879.80	2235.85	1362.87	0.0	-16.15	0.0	0.0	0.0	0.0	0.0
553.29	529.82	1.474e+06	933.20	504.54	825.52	0.0	-12.07	0.0	0.0	0.0	0.0	0.0
553.20	1.171e+04	1.486e+06	2.062e+04	1107.84	400.89	0.0	-69.21	0.0	0.0	0.0	0.0	0.0
553.08	529.48	1.486e+06	932.95	387.59	826.37	0.0	-12.05	0.0	0.0	0.0	0.0	0.0
553.02	9261.94	1.496e+06	1.632e+04	3474.35	630.90	0.0	-67.35	0.0	0.0	0.0	0.0	0.0
552.97	3813.25	1.499e+06	6720.27	3549.67	-53.67	0.0	-16.80	0.0	0.0	0.0	0.0	0.0
552.87	766.70	1.500e+06	1351.46	754.00	994.76	0.0	-40.89	0.0	0.0	0.0	0.0	0.0
552.79	261.13	1.500e+06	460.36	2861.17	1355.00	0.0	-15.26	0.0	0.0	0.0	0.0	0.0
552.74	5786.45	1.506e+06	1.020e+04	3541.50	1417.59	0.0	-26.68	0.0	0.0	0.0	0.0	0.0
552.67	723.13	1.507e+06	1275.12	718.07	1002.48	0.0	-40.80	0.0	0.0	0.0	0.0	0.0
552.59	260.96	1.507e+06	460.23	2908.48	1354.40	0.0	-15.24	0.0	0.0	0.0	0.0	0.0
552.46	1270.15	1.508e+06	2240.51	402.99	928.02	0.0	-40.76	0.0	0.0	0.0	0.0	0.0
552.38	260.79	1.509e+06	460.10	2955.78	1353.80	0.0	-15.23	0.0	0.0	0.0	0.0	0.0
552.30	237.16	1.509e+06	418.46	1956.85	1366.39	0.0	-15.61	0.0	0.0	0.0	0.0	0.0
552.18	260.62	1.509e+06	459.97	3003.08	1353.20	0.0	-15.21	0.0	0.0	0.0	0.0	0.0
552.12	237.02	1.509e+06	418.36	1998.93	1365.86	0.0	-15.59	0.0	0.0	0.0	0.0	0.0
551.97	497.33	1.510e+06	878.09	2569.62	1358.67	0.0	-16.02	0.0	0.0	0.0	0.0	0.0
551.76	497.02	1.510e+06	877.85	2614.41	1358.10	0.0	-16.01	0.0	0.0	0.0	0.0	0.0
551.58	496.71	1.511e+06	877.61	2659.21	1357.54	0.0	-15.99	0.0	0.0	0.0	0.0	0.0
551.36	486.13	1.511e+06	859.20	2693.68	1356.73	0.0	-15.98	0.0	0.0	0.0	0.0	0.0
551.28	6717.62	1.518e+06	1.188e+04	3524.92	-573.41	0.0	-27.23	0.0	0.0	0.0	0.0	0.0
551.22	4122.40	1.522e+06	7288.20	631.50	1382.00	0.0	-15.51	0.0	0.0	0.0	0.0	0.0
551.15	1690.23	1.524e+06	2988.62	3235.84	1349.68	0.0	-15.12	0.0	0.0	0.0	0.0	0.0
551.03	225.93	1.524e+06	399.56	2251.39	1359.27	0.0	-15.50	0.0	0.0	0.0	0.0	0.0
550.85	497.45	1.525e+06	880.05	2289.81	1362.02	0.0	-15.48	0.0	0.0	0.0	0.0	0.0
539.70	1.110e+04	1.536e+06	2.004e+04	2170.37	863.36	0.0	-23.24	0.0	0.0	0.0	0.0	0.0
526.52	462.20	1.536e+06	855.48	2534.19	1051.81	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
523.94	898.58	1.537e+06	1671.37	1028.81	1408.03	0.0	-22.55	0.0	0.0	0.0	0.0	0.0
523.79	246.13	1.537e+06	457.94	1072.84	1356.13	0.0	-22.56	0.0	0.0	0.0	0.0	0.0
523.64	235.62	1.538e+06	438.51	1115.19	1376.92	0.0	-22.54	0.0	0.0	0.0	0.0	0.0
523.49	235.45	1.538e+06	438.32	1157.27	1376.40	0.0	-22.52	0.0	0.0	0.0	0.0	0.0
523.34	235.28	1.538e+06	438.12	1199.36	1375.87	0.0	-22.49	0.0	0.0	0.0	0.0	0.0
523.20	235.11	1.538e+06	437.92	1241.44	1375.34	0.0	-22.47	0.0	0.0	0.0	0.0	0.0
523.05	234.93	1.539e+06	437.72	1283.52	1374.82	0.0	-22.45	0.0	0.0	0.0	0.0	0.0
522.90	504.20	1.539e+06	939.65	1868.18	1370.59	0.0	-22.78	0.0	0.0	0.0	0.0	0.0
522.75	493.62	1.540e+06	920.21	1903.19	1367.05	0.0	-22.76	0.0	0.0	0.0	0.0	0.0
522.60	493.23	1.540e+06	919.76	1947.98	1366.49	0.0	-22.74	0.0	0.0	0.0	0.0	0.0
522.46	492.84	1.541e+06	919.31	1992.78	1365.92	0.0	-22.72	0.0	0.0	0.0	0.0	0.0
522.31	234.07	1.541e+06	436.72	1493.94	1372.18	0.0	-22.33	0.0	0.0	0.0	0.0	0.0
522.26	258.38	1.541e+06	482.14	2530.06	1359.18	0.0	-21.76	0.0	0.0	0.0	0.0	0.0
522.16	442.07	1.541e+06	825.05	1286.26	1192.36	0.0	-30.19	0.0	0.0	0.0	0.0	0.0
522.09	258.16	1.542e+06	481.88	2577.36	1358.58	0.0	-21.74	0.0	0.0	0.0	0.0	0.0
522.00	784.75	1.543e+06	1465.06	1070.75	1001.73	0.0	-47.11	0.0	0.0	0.0	0.0	0.0
521.92	257.94	1.543e+06	481.63	2624.66	1357.99	0.0	-21.71	0.0	0.0	0.0	0.0	0.0
521.83	780.55	1.544e+06	1457.68	1002.27	987.43	0.0	-47.02	0.0	0.0	0.0	0.0	0.0
521.76	491.09	1.544e+06	917.29	2192.16	1363.42	0.0	-22.60	0.0	0.0	0.0	0.0	0.0
521.66	546.54	1.545e+06	1021.02	621.50	824.68	0.0	-17.09	0.0	0.0	0.0	0.0	0.0
521.59	490.70	1.545e+06	916.83	2236.95	1362.85	0.0	-22.58	0.0	0.0	0.0	0.0	0.0
521.49	546.07	1.546e+06	1020.47	504.54	825.52	0.0	-17.07	0.0	0.0	0.0	0.0	0.0
521.42	1.217e+04	1.558e+06	2.275e+04	1030.36	394.95	0.0	-75.39	0.0	0.0	0.0	0.0	0.0
521.32	778.44	1.559e+06	1455.22	806.62	988.52	0.0	-46.71	0.0	0.0	0.0	0.0	0.0
521.25	257.07	1.559e+06	480.61	2813.87	1355.60	0.0	-21.61	0.0	0.0	0.0	0.0	0.0
521.15	777.80	1.560e+06	1454.47	737.28	988.97	0.0	-46.62	0.0	0.0	0.0	0.0	0.0
521.08	256.85	1.560e+06	480.35	2861.17	1355.00	0.0	-21.58	0.0	0.0	0.0	0.0	0.0
520.98	732.83	1.561e+06	1370.81	699.00	993.74	0.0	-46.53	0.0	0.0	0.0	0.0	0.0
520.92	256.63	1.561e+06	480.10	2908.48	1354.40	0.0	-21.56	0.0	0.0	0.0	0.0	0.0
520.81	1941.36	1.563e+06	3632.61	278.03	890.11	0.0	-46.47	0.0	0.0	0.0	0.0	0.0
520.75	256.41	1.563e+06	479.84	2955.78	1353.80	0.0	-21.53	0.0	0.0	0.0	0.0	0.0
520.68	232.14	1.563e+06	434.48	1956.85	1366.39	0.0	-22.08	0.0	0.0	0.0	0.0	0.0
520.58	488.15	1.564e+06	913.85	2525.92	1359.22	0.0	-22.41	0.0	0.0	0.0	0.0	0.0
520.41	487.75	1.564e+06	913.38	2570.72	1358.65	0.0	-22.39	0.0	0.0	0.0	0.0	0.0
520.24	487.35	1.565e+06	912.91	2615.51	1358.09	0.0	-22.37	0.0	0.0	0.0	0.0	0.0
520.08	486.95	1.565e+06	912.44	2660.31	1357.53	0.0	-22.35	0.0	0.0	0.0	0.0	0.0
519.91	476.46	1.566e+06	893.05	2694.77	1356.33	0.0	-22.33	0.0	0.0	0.0	0.0	0.0
519.79	231.07	1.566e+06	433.23	2209.35	1363.23	0.0	-21.94	0.0	0.0	0.0	0.0	0.0
519.74	961.50	1.567e+06	1802.82	3235.63	1327.30	0.0	-21.38	0.0	0.0	0.0	0.0	0.0
519.65	220.73	1.567e+06	413.95	2251.34	1355.65	0.0	-21.91	0.0	0.0	0.0	0.0	0.0
519.50	2963.72	1.570e+06	5559.65	2289.81	1362.37	0.0	-21.89	0.0	0.0	0.0	0.0	0.0
517.24	4115.94	1.574e+06	7754.86	3597.03	857.34	0.0	-18.94	0.0	0.0	0.0	0.0	0.0
517.17	1.173e+04	1.586e+06	2.211e+04	3491.20	158.51	0.0	-42.39	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
516.71	7436.17	1.593e+06	1.402e+04	3543.54	1463.45	0.0	-26.73	3649.57	1589.77	0.571	0.963	0.827
516.54	275.34	1.594e+06	519.47	3238.34	1608.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.42	343.75	1.594e+06	648.70	2289.81	1362.24	0.0	-26.43	0.0	0.0	0.0	0.0	0.0
516.35	317.28	1.594e+06	598.82	3247.46	-222.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.54	352.69	1.595e+06	666.69	3248.36	-270.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.27	1073.94	1.596e+06	2031.16	3551.06	439.40	0.0	-20.51	0.0	0.0	0.0	0.0	0.0
515.02	1549.57	1.597e+06	2932.12	3573.36	1481.60	0.0	-26.70	0.0	0.0	0.0	0.0	0.0
514.72	332.92	1.598e+06	630.32	3249.27	-317.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.90	6447.59	1.604e+06	1.223e+04	3543.99	-547.72	0.0	-27.30	0.0	0.0	0.0	0.0	0.0
513.78	6928.06	1.611e+06	1.314e+04	535.54	1383.14	0.0	-19.17	0.0	0.0	0.0	0.0	0.0
513.62	1263.55	1.612e+06	2397.44	3570.39	-587.19	0.0	-21.98	0.0	0.0	0.0	0.0	0.0
513.38	797.16	1.613e+06	1513.21	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.33	6.900e+04	1.682e+06	1.310e+05	1288.19	1161.81	0.0	-125.94	252.49	1650.73	0.193	0.847	1.959
513.27	2426.03	1.685e+06	4606.22	598.34	581.52	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
513.21	808.66	1.685e+06	1535.55	358.21	582.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.15	1478.14	1.687e+06	2807.07	183.76	583.61	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
499.40	4.198e+04	1.729e+06	8.191e+04	2219.39	912.78	0.0	-23.58	2522.03	662.24	0.138	0.118	2.731
481.78	5291.08	1.734e+06	1.070e+04	1027.16	1374.76	0.0	-27.61	0.0	0.0	0.0	0.0	0.0
481.67	235.34	1.734e+06	476.15	1072.71	1345.43	0.0	-27.64	0.0	0.0	0.0	0.0	0.0
481.57	225.25	1.735e+06	455.82	1115.19	1376.92	0.0	-27.61	0.0	0.0	0.0	0.0	0.0
481.46	225.05	1.735e+06	455.51	1157.27	1376.40	0.0	-27.58	0.0	0.0	0.0	0.0	0.0
481.36	224.84	1.735e+06	455.20	1199.36	1375.87	0.0	-27.55	0.0	0.0	0.0	0.0	0.0
481.26	224.64	1.735e+06	454.90	1241.44	1375.34	0.0	-27.52	0.0	0.0	0.0	0.0	0.0
481.15	224.44	1.735e+06	454.59	1283.52	1374.82	0.0	-27.49	0.0	0.0	0.0	0.0	0.0
481.05	482.76	1.736e+06	977.97	1869.33	1372.05	0.0	-27.76	0.0	0.0	0.0	0.0	0.0
480.94	473.02	1.736e+06	958.47	1904.83	1367.03	0.0	-27.73	0.0	0.0	0.0	0.0	0.0
480.84	472.56	1.737e+06	957.77	1949.63	1366.47	0.0	-27.71	0.0	0.0	0.0	0.0	0.0
480.73	472.11	1.737e+06	957.07	1994.43	1365.90	0.0	-27.68	0.0	0.0	0.0	0.0	0.0
480.63	471.65	1.738e+06	956.37	2039.23	1365.34	0.0	-27.65	0.0	0.0	0.0	0.0	0.0
480.52	527.05	1.738e+06	1068.89	1232.16	1174.24	0.0	-30.78	0.0	0.0	0.0	0.0	0.0
480.47	247.96	1.739e+06	502.94	2577.36	1358.58	0.0	-26.62	0.0	0.0	0.0	0.0	0.0
480.41	821.72	1.739e+06	1666.90	1051.52	967.63	0.0	-51.54	0.0	0.0	0.0	0.0	0.0
480.35	247.71	1.740e+06	502.55	2624.66	1357.99	0.0	-26.59	0.0	0.0	0.0	0.0	0.0
480.29	781.15	1.740e+06	1584.98	989.97	979.80	0.0	-51.45	0.0	0.0	0.0	0.0	0.0
480.21	470.08	1.741e+06	953.94	2193.79	1363.40	0.0	-27.53	0.0	0.0	0.0	0.0	0.0
480.12	1027.36	1.742e+06	2085.21	1360.68	1070.68	0.0	-51.31	0.0	0.0	0.0	0.0	0.0
480.00	2.075e+04	1.763e+06	4.213e+04	1201.46	390.06	0.0	-80.14	569.47	418.54	0.232	1.318	0.119
479.93	1025.29	1.764e+06	2082.00	1274.72	1071.09	0.0	-51.12	0.0	0.0	0.0	0.0	0.0
479.81	1024.25	1.765e+06	2080.39	1231.74	1071.30	0.0	-51.03	0.0	0.0	0.0	0.0	0.0
479.69	978.08	1.766e+06	1987.11	1236.48	1076.51	0.0	-50.93	0.0	0.0	0.0	0.0	0.0
479.57	2874.02	1.769e+06	5840.31	446.93	912.08	0.0	-50.86	0.0	0.0	0.0	0.0	0.0
479.48	221.20	1.769e+06	449.59	1956.85	1366.39	0.0	-27.04	0.0	0.0	0.0	0.0	0.0
479.41	466.66	1.769e+06	948.66	2527.55	1359.20	0.0	-27.31	0.0	0.0	0.0	0.0	0.0
479.29	466.20	1.770e+06	947.94	2572.35	1358.63	0.0	-27.28	0.0	0.0	0.0	0.0	0.0
479.16	465.74	1.770e+06	947.23	2617.15	1358.07	0.0	-27.26	0.0	0.0	0.0	0.0	0.0
479.05	465.28	1.771e+06	946.52	2661.94	1357.51	0.0	-27.23	0.0	0.0	0.0	0.0	0.0
478.95	437.44	1.771e+06	890.09	2676.34	1356.34	0.0	-27.20	0.0	0.0	0.0	0.0	0.0
478.81	6563.33	1.778e+06	1.336e+04	3201.28	1334.22	0.0	-27.17	0.0	0.0	0.0	0.0	0.0
478.75	210.00	1.778e+06	427.47	2251.30	1351.97	0.0	-26.84	0.0	0.0	0.0	0.0	0.0
478.64	568.18	1.778e+06	1156.84	2289.81	1360.76	0.0	-26.81	0.0	0.0	0.0	0.0	0.0
462.39	4445.16	1.783e+06	9368.55	3630.85	857.10	0.0	-18.98	3687.59	699.09	0.0	1.0979e+06	8.1083e+06
462.31	1.713e+04	1.800e+06	3.611e+04	3460.16	205.64	0.0	-42.39	0.0	0.0	0.0	0.0	0.0
461.73	9880.92	1.810e+06	2.085e+04	3563.64	1475.77	0.0	-26.78	0.0	0.0	0.0	0.0	0.0
460.33	313.82	1.810e+06	664.36	3248.21	-262.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
458.36	1.446e+04	1.825e+06	3.074e+04	3476.90	-600.10	0.0	-27.36	3495.72	-738.62	1.133	0.080	0.336
458.21	1.154e+04	1.836e+06	2.455e+04	549.67	1383.47	0.0	-25.56	0.0	0.0	0.0	0.0	0.0
446.72	752.81	1.837e+06	1642.29	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
446.67	6.285e+04	1.900e+06	1.371e+05	1222.65	1163.21	0.0	-125.94	226.23	1648.25	0.196	0.817	1.912
446.57	2326.56	1.902e+06	5077.09	478.27	582.12	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
446.51	1417.50	1.904e+06	3093.85	183.76	583.61	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
432.68	4202.28	1.908e+06	9464.76	1027.43	1380.34	0.0	-30.80	0.0	0.0	0.0	0.0	0.0
432.63	222.27	1.908e+06	500.69	1072.61	1337.54	0.0	-30.82	0.0	0.0	0.0	0.0	0.0
432.58	212.69	1.908e+06	479.17	1115.19	1376.92	0.0	-30.79	0.0	0.0	0.0	0.0	0.0
432.52	212.48	1.908e+06	478.75	1157.27	1376.40	0.0	-30.76	0.0	0.0	0.0	0.0	0.0
432.47	212.27	1.909e+06	478.33	1199.36	1375.87	0.0	-30.73	0.0	0.0	0.0	0.0	0.0
432.38	653.05	1.909e+06	1471.89	1623.01	1475.48	0.0	-30.71	0.0	0.0	0.0	0.0	0.0
432.31	688.39	1.910e+06	1551.85	2011.69	1453.24	0.0	-30.89	0.0	0.0	0.0	0.0	0.0
432.25	448.04	1.910e+06	1010.13	1906.62	1367.01	0.0	-30.86	0.0	0.0	0.0	0.0	0.0
432.20	695.87	1.911e+06	1569.11	2072.21	1436.06	0.0	-30.83	0.0	0.0	0.0	0.0	0.0
432.14	447.08	1.912e+06	1008.22	1996.23	1365.88	0.0	-30.80	0.0	0.0	0.0	0.0	0.0
432.09	725.55	1.912e+06	1636.47	2136.71	1421.59	0.0	-30.77	0.0	0.0	0.0	0.0	0.0
432.03	210.57	1.912e+06	474.98	1536.02	1371.66	0.0	-30.47	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
431.97	1662.48	1.914e+06	3750.59	1681.98	1163.84	0.0	-54.33	0.0	0.0	0.0	0.0	0.0
431.89	1000.17	1.915e+06	2256.72	1378.00	1061.67	0.0	-54.23	0.0	0.0	0.0	0.0	0.0
431.82	1488.76	1.917e+06	3359.67	1565.05	1170.72	0.0	-54.13	0.0	0.0	0.0	0.0	0.0
431.76	2.087e+04	1.938e+06	4.711e+04	1200.05	417.14	0.0	-83.13	23.84	419.72	0.037	11.022	0.067
431.66	1207.47	1.939e+06	2725.91	1295.93	1115.15	0.0	-53.84	0.0	0.0	0.0	0.0	0.0
431.60	1463.38	1.940e+06	3304.20	1678.79	1160.22	0.0	-53.70	0.0	0.0	0.0	0.0	0.0
431.54	3244.00	1.943e+06	7325.79	383.77	897.89	0.0	-53.61	0.0	0.0	0.0	0.0	0.0
431.46	928.71	1.944e+06	2097.59	2328.88	1331.76	0.0	-30.43	0.0	0.0	0.0	0.0	0.0
431.40	719.78	1.945e+06	1626.01	2463.92	1302.05	0.0	-30.36	0.0	0.0	0.0	0.0	0.0
431.33	440.38	1.946e+06	994.98	2618.92	1358.05	0.0	-30.33	0.0	0.0	0.0	0.0	0.0
431.27	687.80	1.946e+06	1554.18	2528.92	1287.32	0.0	-30.30	0.0	0.0	0.0	0.0	0.0
431.22	207.38	1.946e+06	468.66	2167.26	1363.75	0.0	-30.00	0.0	0.0	0.0	0.0	0.0
431.17	697.15	1.947e+06	1575.65	2601.30	1274.62	0.0	-30.22	0.0	0.0	0.0	0.0	0.0
431.11	197.86	1.947e+06	447.27	2251.27	1349.53	0.0	-29.94	0.0	0.0	0.0	0.0	0.0
431.06	229.08	1.948e+06	517.89	2289.64	1063.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.05	1004.80	1.949e+06	2576.52	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.00	1.846e+05	2.133e+06	4.734e+05	1991.22	876.40	0.0	-125.94	2872.84	1561.62	0.765	0.590	0.692
379.94	1090.63	2.134e+06	2797.43	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
379.88	3247.70	2.137e+06	8331.60	356.32	582.74	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
379.82	950.67	2.138e+06	2439.23	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285.00	1.189e+05	2.257e+06	4.066e+05	1917.36	858.79	0.0	-125.94	2796.69	1404.16	0.580	0.534	0.726
190.00	7.344e+04	2.331e+06	3.767e+05	1907.63	868.16	0.0	-125.94	2798.13	1430.45	0.594	0.546	0.731
95.00	3.560e+04	2.366e+06	3.652e+05	1918.31	865.90	0.0	-125.94	2798.13	1430.45	0.594	0.539	0.734
Risulta	2.366e+06		4.504e+06									

CDC	Tipo	Sigla Id	Note
6	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.000
			categoria suolo: C
			fattore di sito S = 1.443
			ordinata spettro (tratto Tb-Tc) = 0.618 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.273 sec.
			fattore di struttura q: 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			coefficiente Lambda: 0.850
			ordinata spettro Sd(T1): 0.618

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	daN	daN	cm	cm	cm	cm	cm	cm			
963.56	712.67	712.67	720.78	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
960.00	2.588e+05	2.595e+05	2.627e+05	2044.47	905.00	0.0	125.94	2809.58	1527.86	0.700	0.490	0.687
959.94	2999.84	2.625e+05	3045.49	538.31	581.82	0.0	0.03	0.0	0.0	0.0	0.0	0.0
959.88	2137.56	2.646e+05	2170.22	304.25	583.00	0.0	0.03	0.0	0.0	0.0	0.0	0.0
959.82	799.01	2.654e+05	811.26	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
957.28	384.27	2.658e+05	391.20	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
868.56	1284.81	2.671e+05	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.00	3.309e+05	5.980e+05	3.728e+05	2075.30	906.30	0.0	125.94	3067.78	1528.04	0.589	0.722	0.815
864.94	3462.23	6.015e+05	3900.98	538.31	581.82	0.0	0.03	0.0	0.0	0.0	0.0	0.0
864.85	4895.05	6.064e+05	5515.85	245.45	583.30	0.0	0.06	0.0	0.0	0.0	0.0	0.0
864.57	932.04	6.073e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.15	935.74	6.082e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.72	941.52	6.092e+05	1062.30	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
862.28	692.28	6.099e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.18	1135.00	6.110e+05	1288.87	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
773.56	1144.28	6.122e+05	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
770.00	2.946e+05	9.067e+05	3.728e+05	2075.33	906.32	0.0	125.94	3067.37	1528.03	0.589	0.722	0.815
769.94	3081.95	9.098e+05	3900.98	538.31	581.82	0.0	0.03	0.0	0.0	0.0	0.0	0.0
769.85	4357.35	9.142e+05	5515.85	245.45	583.30	0.0	0.06	0.0	0.0	0.0	0.0	0.0
769.15	829.17	9.150e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.30	831.95	9.158e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
767.44	832.87	9.167e+05	1057.61	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.28	616.01	9.173e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
763.18	982.95	9.183e+05	1255.16	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
678.56	1043.62	9.193e+05	1498.83	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.05	1358.56	9.207e+05	1961.28	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.00	2.612e+05	1.182e+06	3.771e+05	2092.12	901.20	0.0	125.94	0.0	0.0	0.0	0.0	0.0
674.94	1350.87	1.183e+06	1950.49	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
674.88	4052.23	1.187e+06	5851.47	358.21	582.73	0.0	0.06	0.0	0.0	0.0	0.0	0.0
674.82	1118.22	1.188e+06	1614.87	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.72	733.76	1.189e+06	1061.38	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.44	880.19	1.190e+06	1275.60	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.28	565.10	1.191e+06	819.16	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
671.17	833.70	1.191e+06	1210.53	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
668.18	884.77	1.192e+06	1290.41	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.56	1381.98	1.194e+06	2307.88	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.35	124.24	1.194e+06	207.55	1073.11	1377.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.14	118.86	1.194e+06	198.64	1115.19	1376.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.93	118.70	1.194e+06	198.43	1157.27	1376.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.72	118.53	1.194e+06	198.23	1199.36	1375.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.51	118.37	1.194e+06	198.03	1241.44	1375.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.30	118.20	1.194e+06	197.82	1283.52	1374.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.09	252.76	1.195e+06	423.15	1866.74	1367.51	0.0	0.64	0.0	0.0	0.0	0.0	0.0
581.88	247.07	1.195e+06	413.78	1901.30	1367.08	0.0	0.64	0.0	0.0	0.0	0.0	0.0
581.67	246.70	1.195e+06	413.32	1946.07	1366.51	0.0	0.64	0.0	0.0	0.0	0.0	0.0
581.46	246.33	1.195e+06	412.86	1990.83	1365.95	0.0	0.65	0.0	0.0	0.0	0.0	0.0
581.26	117.38	1.195e+06	196.80	1493.94	1372.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.18	128.58	1.196e+06	215.61	2530.06	1359.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.05	248.95	1.196e+06	417.54	1247.68	1080.03	0.0	27.55	0.0	0.0	0.0	0.0	0.0
580.95	128.38	1.196e+06	215.35	2577.36	1358.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.81	388.76	1.196e+06	652.28	1073.00	988.03	0.0	27.41	0.0	0.0	0.0	0.0	0.0
580.71	128.17	1.197e+06	215.10	2624.66	1357.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.63	116.89	1.197e+06	196.18	1620.19	1370.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.57	250.18	1.197e+06	419.94	738.45	823.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.47	127.97	1.197e+06	214.84	2671.97	1357.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.42	116.72	1.197e+06	195.98	1662.27	1370.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.33	249.78	1.197e+06	419.44	621.50	824.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.24	244.33	1.198e+06	410.37	2235.09	1362.88	0.0	0.64	0.0	0.0	0.0	0.0	0.0
580.09	249.38	1.198e+06	418.94	504.54	825.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.00	1.616e+05	1.359e+06	2.715e+05	1917.48	915.59	0.0	125.94	0.0	0.0	0.0	0.0	0.0
579.94	1989.35	1.361e+06	3342.99	538.30	581.82	0.0	0.03	0.0	0.0	0.0	0.0	0.0
579.85	3067.26	1.364e+06	5155.03	257.24	603.46	0.0	12.18	0.0	0.0	0.0	0.0	0.0
579.79	249.00	1.365e+06	418.54	2324.65	1361.75	0.0	0.64	0.0	0.0	0.0	0.0	0.0
579.62	373.06	1.365e+06	627.25	767.24	999.36	0.0	27.04	0.0	0.0	0.0	0.0	0.0
579.52	130.15	1.365e+06	218.85	2861.17	1355.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.38	352.18	1.366e+06	592.38	733.16	1009.88	0.0	26.97	0.0	0.0	0.0	0.0	0.0
579.29	130.09	1.366e+06	218.86	2908.48	1354.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.14	311.27	1.366e+06	523.77	764.50	1033.23	0.0	26.96	0.0	0.0	0.0	0.0	0.0
579.05	130.04	1.366e+06	218.86	2955.78	1353.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.95	118.63	1.366e+06	199.69	1956.85	1366.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.81	129.99	1.366e+06	218.86	3003.08	1353.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.75	118.59	1.367e+06	199.69	1998.93	1365.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.54	248.48	1.367e+06	418.55	2568.82	1358.68	0.0	0.64	0.0	0.0	0.0	0.0	0.0
578.33	757.91	1.368e+06	1277.19	858.92	480.42	0.0	65.61	0.0	0.0	0.0	0.0	0.0
578.12	248.29	1.368e+06	418.54	2658.42	1357.55	0.0	0.64	0.0	0.0	0.0	0.0	0.0
577.87	243.06	1.368e+06	409.88	2692.90	1357.12	0.0	0.65	0.0	0.0	0.0	0.0	0.0
577.70	118.37	1.368e+06	199.68	2209.35	1363.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.63	1206.79	1.369e+06	2036.01	3235.85	1350.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.49	113.11	1.369e+06	190.88	2251.43	1362.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.28	585.78	1.370e+06	988.88	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
576.62	2117.73	1.372e+06	3579.11	1027.31	1377.81	0.0	8.25	0.0	0.0	0.0	0.0	0.0
576.42	250.18	1.372e+06	422.97	1073.07	1374.60	0.0	8.26	0.0	0.0	0.0	0.0	0.0
576.22	239.59	1.373e+06	405.21	1115.19	1376.92	0.0	8.25	0.0	0.0	0.0	0.0	0.0
576.01	239.50	1.373e+06	405.20	1157.27	1376.40	0.0	8.24	0.0	0.0	0.0	0.0	0.0
575.93	1.871e+04	1.392e+06	3.165e+04	2177.99	879.57	0.0	22.56	0.0	0.0	0.0	0.0	0.0
575.81	239.41	1.392e+06	405.18	1199.36	1375.87	0.0	8.23	0.0	0.0	0.0	0.0	0.0
575.61	239.31	1.392e+06	405.17	1241.44	1375.34	0.0	8.23	0.0	0.0	0.0	0.0	0.0
575.47	573.42	1.393e+06	971.06	2289.85	1442.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
575.41	239.22	1.393e+06	405.16	1283.52	1374.82	0.0	8.22	0.0	0.0	0.0	0.0	0.0
575.21	512.19	1.393e+06	867.74	1866.86	1367.90	0.0	8.74	0.0	0.0	0.0	0.0	0.0
575.00	501.21	1.394e+06	849.46	1901.48	1367.07	0.0	8.74	0.0	0.0	0.0	0.0	0.0
574.80	501.00	1.394e+06	849.42	1946.28	1366.51	0.0	8.73	0.0	0.0	0.0	0.0	0.0
574.60	500.79	1.395e+06	849.38	1991.07	1365.95	0.0	8.73	0.0	0.0	0.0	0.0	0.0
574.40	238.75	1.395e+06	405.07	1493.94	1372.18	0.0	8.17	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
574.33	261.82	1.395e+06	444.27	2530.06	1359.18	0.0	7.97	0.0	0.0	0.0	0.0	0.0
574.20	542.84	1.396e+06	921.31	1230.29	1058.14	0.0	34.76	0.0	0.0	0.0	0.0	0.0
574.10	261.70	1.396e+06	444.24	2577.36	1358.58	0.0	7.96	0.0	0.0	0.0	0.0	0.0
573.97	788.61	1.397e+06	1338.95	1074.04	990.02	0.0	34.62	0.0	0.0	0.0	0.0	0.0
573.87	261.58	1.397e+06	444.22	2624.66	1357.99	0.0	7.95	0.0	0.0	0.0	0.0	0.0
573.79	238.47	1.398e+06	405.01	1620.19	1370.60	0.0	8.15	0.0	0.0	0.0	0.0	0.0
573.74	515.49	1.398e+06	875.59	738.45	823.84	0.0	6.26	0.0	0.0	0.0	0.0	0.0
573.64	261.46	1.398e+06	444.19	2671.97	1357.39	0.0	7.94	0.0	0.0	0.0	0.0	0.0
573.59	238.37	1.399e+06	404.99	1662.27	1370.07	0.0	8.14	0.0	0.0	0.0	0.0	0.0
573.51	515.25	1.399e+06	875.54	621.50	824.68	0.0	6.25	0.0	0.0	0.0	0.0	0.0
573.41	1.242e+04	1.411e+06	2.112e+04	3414.67	408.07	0.0	83.15	0.0	0.0	0.0	0.0	0.0
573.28	5633.28	1.417e+06	9575.78	3229.58	1372.04	0.0	44.30	0.0	0.0	0.0	0.0	0.0
573.18	1.173e+04	1.429e+06	1.995e+04	1229.60	409.92	0.0	62.00	0.0	0.0	0.0	0.0	0.0
573.05	514.77	1.429e+06	875.42	387.59	826.37	0.0	6.24	0.0	0.0	0.0	0.0	0.0
572.98	499.18	1.430e+06	849.02	2324.84	1361.75	0.0	8.66	0.0	0.0	0.0	0.0	0.0
572.90	8268.49	1.438e+06	1.407e+04	2852.25	-163.59	0.0	112.40	0.0	0.0	0.0	0.0	0.0
572.81	752.50	1.439e+06	1280.25	763.97	998.22	0.0	34.21	0.0	0.0	0.0	0.0	0.0
572.73	260.98	1.439e+06	444.07	2861.17	1355.00	0.0	7.90	0.0	0.0	0.0	0.0	0.0
572.58	710.22	1.440e+06	1208.78	729.43	1008.00	0.0	34.13	0.0	0.0	0.0	0.0	0.0
572.50	260.85	1.440e+06	444.04	2908.48	1354.40	0.0	7.89	0.0	0.0	0.0	0.0	0.0
572.35	596.44	1.441e+06	1015.52	796.64	1039.67	0.0	34.11	0.0	0.0	0.0	0.0	0.0
572.27	260.73	1.441e+06	444.00	2955.78	1353.80	0.0	7.88	0.0	0.0	0.0	0.0	0.0
572.18	237.68	1.441e+06	404.81	1956.85	1366.39	0.0	8.08	0.0	0.0	0.0	0.0	0.0
572.04	260.60	1.441e+06	443.97	3003.08	1353.20	0.0	7.87	0.0	0.0	0.0	0.0	0.0
571.97	237.58	1.442e+06	404.78	1998.93	1365.86	0.0	8.07	0.0	0.0	0.0	0.0	0.0
571.81	497.95	1.442e+06	848.69	2569.01	1358.68	0.0	8.60	0.0	0.0	0.0	0.0	0.0
571.57	497.73	1.443e+06	848.62	2613.81	1358.11	0.0	8.59	0.0	0.0	0.0	0.0	0.0
571.37	497.50	1.443e+06	848.55	2658.61	1357.55	0.0	8.59	0.0	0.0	0.0	0.0	0.0
571.12	486.98	1.444e+06	830.93	2693.08	1357.01	0.0	8.58	0.0	0.0	0.0	0.0	0.0
570.96	237.07	1.444e+06	404.63	2209.35	1363.23	0.0	8.03	0.0	0.0	0.0	0.0	0.0
570.89	1910.71	1.446e+06	3261.63	3235.85	1350.16	0.0	7.82	0.0	0.0	0.0	0.0	0.0
570.76	226.85	1.446e+06	387.33	2251.42	1361.87	0.0	8.02	0.0	0.0	0.0	0.0	0.0
570.56	575.72	1.447e+06	983.35	2289.76	1282.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
563.18	1.699e+04	1.464e+06	2.940e+04	2191.90	871.56	0.0	22.90	0.0	0.0	0.0	0.0	0.0
556.28	1870.44	1.465e+06	3276.74	1027.42	1379.96	0.0	15.94	0.0	0.0	0.0	0.0	0.0
556.10	250.46	1.466e+06	438.91	1072.97	1366.80	0.0	15.96	0.0	0.0	0.0	0.0	0.0
555.92	239.82	1.466e+06	420.40	1115.19	1376.92	0.0	15.94	0.0	0.0	0.0	0.0	0.0
555.74	239.69	1.466e+06	420.31	1157.27	1376.40	0.0	15.92	0.0	0.0	0.0	0.0	0.0
555.56	239.56	1.466e+06	420.22	1199.36	1375.87	0.0	15.91	0.0	0.0	0.0	0.0	0.0
555.38	239.43	1.467e+06	420.13	1241.44	1375.34	0.0	15.89	0.0	0.0	0.0	0.0	0.0
555.20	239.30	1.467e+06	420.03	1283.52	1374.82	0.0	15.87	0.0	0.0	0.0	0.0	0.0
555.02	512.93	1.467e+06	900.59	1867.48	1369.08	0.0	16.29	0.0	0.0	0.0	0.0	0.0
554.84	501.83	1.468e+06	881.42	1902.08	1367.07	0.0	16.28	0.0	0.0	0.0	0.0	0.0
554.65	501.54	1.468e+06	881.21	1946.88	1366.50	0.0	16.27	0.0	0.0	0.0	0.0	0.0
554.47	501.24	1.469e+06	881.00	1991.67	1365.94	0.0	16.25	0.0	0.0	0.0	0.0	0.0
554.29	238.64	1.469e+06	419.56	1493.94	1372.18	0.0	15.79	0.0	0.0	0.0	0.0	0.0
554.23	262.30	1.469e+06	461.22	2530.06	1359.18	0.0	15.39	0.0	0.0	0.0	0.0	0.0
554.12	438.45	1.470e+06	771.12	1292.21	1175.27	0.0	29.42	0.0	0.0	0.0	0.0	0.0
554.02	262.14	1.470e+06	461.10	2577.36	1358.58	0.0	15.37	0.0	0.0	0.0	0.0	0.0
553.91	833.29	1.471e+06	1466.04	1062.14	979.70	0.0	41.34	0.0	0.0	0.0	0.0	0.0
553.82	261.97	1.471e+06	460.98	2624.66	1357.99	0.0	15.35	0.0	0.0	0.0	0.0	0.0
553.70	768.75	1.472e+06	1352.98	1011.71	993.28	0.0	41.26	0.0	0.0	0.0	0.0	0.0
553.61	499.91	1.473e+06	880.03	2191.05	1363.43	0.0	16.16	0.0	0.0	0.0	0.0	0.0
553.49	530.17	1.473e+06	933.46	621.50	824.68	0.0	12.08	0.0	0.0	0.0	0.0	0.0
553.41	499.61	1.474e+06	879.80	2235.85	1362.87	0.0	16.15	0.0	0.0	0.0	0.0	0.0
553.29	529.82	1.474e+06	933.20	504.54	825.52	0.0	12.07	0.0	0.0	0.0	0.0	0.0
553.20	1.171e+04	1.486e+06	2.062e+04	1107.84	400.89	0.0	69.21	0.0	0.0	0.0	0.0	0.0
553.08	529.48	1.486e+06	932.95	387.59	826.37	0.0	12.05	0.0	0.0	0.0	0.0	0.0
553.02	9261.94	1.496e+06	1.632e+04	3474.35	630.90	0.0	67.35	0.0	0.0	0.0	0.0	0.0
552.97	3813.25	1.499e+06	6720.27	3549.67	-53.67	0.0	16.80	0.0	0.0	0.0	0.0	0.0
552.87	766.70	1.500e+06	1351.46	754.00	994.76	0.0	40.89	0.0	0.0	0.0	0.0	0.0
552.79	261.13	1.500e+06	460.36	2861.17	1355.00	0.0	15.26	0.0	0.0	0.0	0.0	0.0
552.74	5786.45	1.506e+06	1.020e+04	3541.50	1417.59	0.0	26.68	0.0	0.0	0.0	0.0	0.0
552.67	723.13	1.507e+06	1275.12	718.07	1002.48	0.0	40.80	0.0	0.0	0.0	0.0	0.0
552.59	260.96	1.507e+06	460.23	2908.48	1354.40	0.0	15.24	0.0	0.0	0.0	0.0	0.0
552.46	1270.15	1.508e+06	2240.51	402.99	928.02	0.0	40.76	0.0	0.0	0.0	0.0	0.0
552.38	260.79	1.509e+06	460.10	2955.78	1353.80	0.0	15.23	0.0	0.0	0.0	0.0	0.0
552.30	237.16	1.509e+06	418.46	1956.85	1366.39	0.0	15.61	0.0	0.0	0.0	0.0	0.0
552.18	260.62	1.509e+06	459.97	3003.08	1353.20	0.0	15.21	0.0	0.0	0.0	0.0	0.0
552.12	237.02	1.509e+06	418.36	1998.93	1365.86	0.0	15.59	0.0	0.0	0.0	0.0	0.0
551.97	497.33	1.510e+06	878.09	2569.62	1358.67	0.0	16.02	0.0	0.0	0.0	0.0	0.0
551.76	497.02	1.510e+06	877.85	2614.41	1358.10	0.0	16.01	0.0	0.0	0.0	0.0	0.0
551.58	496.71	1.511e+06	877.61	2659.21	1357.54	0.0	15.99	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
551.36	486.13	1.511e+06	859.20	2693.68	1356.73	0.0	15.98	0.0	0.0	0.0	0.0	0.0
551.28	6717.62	1.518e+06	1.188e+04	3524.92	-573.41	0.0	27.23	0.0	0.0	0.0	0.0	0.0
551.22	4122.40	1.522e+06	7288.20	631.50	1382.00	0.0	15.51	0.0	0.0	0.0	0.0	0.0
551.15	1690.23	1.524e+06	2988.62	3235.84	1349.68	0.0	15.12	0.0	0.0	0.0	0.0	0.0
551.03	225.93	1.524e+06	399.56	2251.39	1359.27	0.0	15.50	0.0	0.0	0.0	0.0	0.0
550.85	497.45	1.525e+06	880.05	2289.81	1362.02	0.0	15.48	0.0	0.0	0.0	0.0	0.0
539.70	1.110e+04	1.536e+06	2.004e+04	2170.37	863.36	0.0	23.24	0.0	0.0	0.0	0.0	0.0
526.52	462.20	1.536e+06	855.48	2534.19	1051.81	0.0	0.06	0.0	0.0	0.0	0.0	0.0
523.94	898.58	1.537e+06	1671.37	1028.81	1408.03	0.0	22.55	0.0	0.0	0.0	0.0	0.0
523.79	246.13	1.537e+06	457.94	1072.84	1356.13	0.0	22.56	0.0	0.0	0.0	0.0	0.0
523.64	235.62	1.538e+06	438.51	1115.19	1376.92	0.0	22.54	0.0	0.0	0.0	0.0	0.0
523.49	235.45	1.538e+06	438.32	1157.27	1376.40	0.0	22.52	0.0	0.0	0.0	0.0	0.0
523.34	235.28	1.538e+06	438.12	1199.36	1375.87	0.0	22.49	0.0	0.0	0.0	0.0	0.0
523.20	235.11	1.538e+06	437.92	1241.44	1375.34	0.0	22.47	0.0	0.0	0.0	0.0	0.0
523.05	234.93	1.539e+06	437.72	1283.52	1374.82	0.0	22.45	0.0	0.0	0.0	0.0	0.0
522.90	504.20	1.539e+06	939.65	1868.18	1370.59	0.0	22.78	0.0	0.0	0.0	0.0	0.0
522.75	493.62	1.540e+06	920.21	1903.19	1367.05	0.0	22.76	0.0	0.0	0.0	0.0	0.0
522.60	493.23	1.540e+06	919.76	1947.98	1366.49	0.0	22.74	0.0	0.0	0.0	0.0	0.0
522.46	492.84	1.541e+06	919.31	1992.78	1365.92	0.0	22.72	0.0	0.0	0.0	0.0	0.0
522.31	234.07	1.541e+06	436.72	1493.94	1372.18	0.0	22.33	0.0	0.0	0.0	0.0	0.0
522.26	258.38	1.541e+06	482.14	2530.06	1359.18	0.0	21.76	0.0	0.0	0.0	0.0	0.0
522.16	442.07	1.541e+06	825.05	1286.26	1192.36	0.0	30.19	0.0	0.0	0.0	0.0	0.0
522.09	258.16	1.542e+06	481.88	2577.36	1358.58	0.0	21.74	0.0	0.0	0.0	0.0	0.0
522.00	784.75	1.543e+06	1465.06	1070.75	1001.73	0.0	47.11	0.0	0.0	0.0	0.0	0.0
521.92	257.94	1.543e+06	481.63	2624.66	1357.99	0.0	21.71	0.0	0.0	0.0	0.0	0.0
521.83	780.55	1.544e+06	1457.68	1002.27	987.43	0.0	47.02	0.0	0.0	0.0	0.0	0.0
521.76	491.09	1.544e+06	917.29	2192.16	1363.42	0.0	22.60	0.0	0.0	0.0	0.0	0.0
521.66	546.54	1.545e+06	1021.02	621.50	824.68	0.0	17.09	0.0	0.0	0.0	0.0	0.0
521.59	490.70	1.545e+06	916.83	2236.95	1362.85	0.0	22.58	0.0	0.0	0.0	0.0	0.0
521.49	546.07	1.546e+06	1020.47	504.54	825.52	0.0	17.07	0.0	0.0	0.0	0.0	0.0
521.42	1.217e+04	1.558e+06	2.275e+04	1030.36	394.95	0.0	75.39	0.0	0.0	0.0	0.0	0.0
521.32	778.44	1.559e+06	1455.22	806.62	988.52	0.0	46.71	0.0	0.0	0.0	0.0	0.0
521.25	257.07	1.559e+06	480.61	2813.87	1355.60	0.0	21.61	0.0	0.0	0.0	0.0	0.0
521.15	777.80	1.560e+06	1454.47	737.28	988.97	0.0	46.62	0.0	0.0	0.0	0.0	0.0
521.08	256.85	1.560e+06	480.35	2861.17	1355.00	0.0	21.58	0.0	0.0	0.0	0.0	0.0
520.98	732.83	1.561e+06	1370.81	699.00	993.74	0.0	46.53	0.0	0.0	0.0	0.0	0.0
520.92	256.63	1.561e+06	480.10	2908.48	1354.40	0.0	21.56	0.0	0.0	0.0	0.0	0.0
520.81	1941.36	1.563e+06	3632.61	278.03	890.11	0.0	46.47	0.0	0.0	0.0	0.0	0.0
520.75	256.41	1.563e+06	479.84	2955.78	1353.80	0.0	21.53	0.0	0.0	0.0	0.0	0.0
520.68	232.14	1.563e+06	434.48	1956.85	1366.39	0.0	22.08	0.0	0.0	0.0	0.0	0.0
520.58	488.15	1.564e+06	913.85	2525.92	1359.22	0.0	22.41	0.0	0.0	0.0	0.0	0.0
520.41	487.75	1.564e+06	913.38	2570.72	1358.65	0.0	22.39	0.0	0.0	0.0	0.0	0.0
520.24	487.35	1.565e+06	912.91	2615.51	1358.09	0.0	22.37	0.0	0.0	0.0	0.0	0.0
520.08	486.95	1.565e+06	912.44	2660.31	1357.53	0.0	22.35	0.0	0.0	0.0	0.0	0.0
519.91	476.46	1.566e+06	893.05	2694.77	1356.33	0.0	22.33	0.0	0.0	0.0	0.0	0.0
519.79	231.07	1.566e+06	433.23	2209.35	1363.23	0.0	21.94	0.0	0.0	0.0	0.0	0.0
519.74	961.50	1.567e+06	1802.82	3235.63	1327.30	0.0	21.38	0.0	0.0	0.0	0.0	0.0
519.65	220.73	1.567e+06	413.95	2251.34	1355.65	0.0	21.91	0.0	0.0	0.0	0.0	0.0
519.50	2963.72	1.570e+06	5559.65	2289.81	1362.37	0.0	21.89	0.0	0.0	0.0	0.0	0.0
517.24	4115.94	1.574e+06	7754.86	3597.03	857.34	0.0	18.94	0.0	0.0	0.0	0.0	0.0
517.17	1.173e+04	1.586e+06	2.211e+04	3491.20	158.51	0.0	42.39	0.0	0.0	0.0	0.0	0.0
516.71	7436.17	1.593e+06	1.402e+04	3543.54	1463.45	0.0	26.73	3649.57	1589.77	0.571	0.963	0.827
516.54	275.34	1.594e+06	519.47	3238.34	1608.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.42	343.75	1.594e+06	648.70	2289.81	1362.24	0.0	26.43	0.0	0.0	0.0	0.0	0.0
516.35	317.28	1.594e+06	598.82	3247.46	-222.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.54	352.69	1.595e+06	666.69	3248.36	-270.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.27	1073.94	1.596e+06	2031.16	3551.06	439.40	0.0	20.51	0.0	0.0	0.0	0.0	0.0
515.02	1549.57	1.597e+06	2932.12	3573.36	1481.60	0.0	26.70	0.0	0.0	0.0	0.0	0.0
514.72	332.92	1.598e+06	630.32	3249.27	-317.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.90	6447.59	1.604e+06	1.223e+04	3543.99	-547.72	0.0	27.30	0.0	0.0	0.0	0.0	0.0
513.78	6928.06	1.611e+06	1.314e+04	535.54	1383.14	0.0	19.17	0.0	0.0	0.0	0.0	0.0
513.62	1263.55	1.612e+06	2397.44	3570.39	-587.19	0.0	21.98	0.0	0.0	0.0	0.0	0.0
513.38	797.16	1.613e+06	1513.21	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.33	6.900e+04	1.682e+06	1.310e+05	1288.19	1161.81	0.0	125.94	252.49	1650.73	0.193	0.847	1.959
513.27	2426.03	1.685e+06	4606.22	598.34	581.52	0.0	0.06	0.0	0.0	0.0	0.0	0.0
513.21	808.66	1.685e+06	1535.55	358.21	582.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.15	1478.14	1.687e+06	2807.07	183.76	583.61	0.0	0.03	0.0	0.0	0.0	0.0	0.0
499.40	4.198e+04	1.729e+06	8.191e+04	2219.39	912.78	0.0	23.58	2522.03	662.24	0.138	0.118	2.731
481.78	5291.08	1.734e+06	1.070e+04	1027.16	1374.76	0.0	27.61	0.0	0.0	0.0	0.0	0.0
481.67	235.34	1.734e+06	476.15	1072.71	1345.43	0.0	27.64	0.0	0.0	0.0	0.0	0.0
481.57	225.25	1.735e+06	455.82	1115.19	1376.92	0.0	27.61	0.0	0.0	0.0	0.0	0.0
481.46	225.05	1.735e+06	455.51	1157.27	1376.40	0.0	27.58	0.0	0.0	0.0	0.0	0.0
481.36	224.84	1.735e+06	455.20	1199.36	1375.87	0.0	27.55	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
481.26	224.64	1.735e+06	454.90	1241.44	1375.34	0.0	27.52	0.0	0.0	0.0	0.0	0.0
481.15	224.44	1.735e+06	454.59	1283.52	1374.82	0.0	27.49	0.0	0.0	0.0	0.0	0.0
481.05	482.76	1.736e+06	977.97	1869.33	1372.05	0.0	27.76	0.0	0.0	0.0	0.0	0.0
480.94	473.02	1.736e+06	958.47	1904.83	1367.03	0.0	27.73	0.0	0.0	0.0	0.0	0.0
480.84	472.56	1.737e+06	957.77	1949.63	1366.47	0.0	27.71	0.0	0.0	0.0	0.0	0.0
480.73	472.11	1.737e+06	957.07	1994.43	1365.90	0.0	27.68	0.0	0.0	0.0	0.0	0.0
480.63	471.65	1.738e+06	956.37	2039.23	1365.34	0.0	27.65	0.0	0.0	0.0	0.0	0.0
480.52	527.05	1.738e+06	1068.89	1232.16	1174.24	0.0	30.78	0.0	0.0	0.0	0.0	0.0
480.47	247.96	1.739e+06	502.94	2577.36	1358.58	0.0	26.62	0.0	0.0	0.0	0.0	0.0
480.41	821.72	1.739e+06	1666.90	1051.52	967.63	0.0	51.54	0.0	0.0	0.0	0.0	0.0
480.35	247.71	1.740e+06	502.55	2624.66	1357.99	0.0	26.59	0.0	0.0	0.0	0.0	0.0
480.29	781.15	1.740e+06	1584.98	989.97	979.80	0.0	51.45	0.0	0.0	0.0	0.0	0.0
480.21	470.08	1.741e+06	953.94	2193.79	1363.40	0.0	27.53	0.0	0.0	0.0	0.0	0.0
480.12	1027.36	1.742e+06	2085.21	1360.68	1070.68	0.0	51.31	0.0	0.0	0.0	0.0	0.0
480.00	2.075e+04	1.763e+06	4.213e+04	1201.46	390.06	0.0	80.14	569.47	418.54	0.232	1.318	0.119
479.93	1025.29	1.764e+06	2082.00	1274.72	1071.09	0.0	51.12	0.0	0.0	0.0	0.0	0.0
479.81	1024.25	1.765e+06	2080.39	1231.74	1071.30	0.0	51.03	0.0	0.0	0.0	0.0	0.0
479.69	978.08	1.766e+06	1987.11	1236.48	1076.51	0.0	50.93	0.0	0.0	0.0	0.0	0.0
479.57	2874.02	1.769e+06	5840.31	446.93	912.08	0.0	50.86	0.0	0.0	0.0	0.0	0.0
479.48	221.20	1.769e+06	449.59	1956.85	1366.39	0.0	27.04	0.0	0.0	0.0	0.0	0.0
479.41	466.66	1.769e+06	948.66	2527.55	1359.20	0.0	27.31	0.0	0.0	0.0	0.0	0.0
479.29	466.20	1.770e+06	947.94	2572.35	1358.63	0.0	27.28	0.0	0.0	0.0	0.0	0.0
479.16	465.74	1.770e+06	947.23	2617.15	1358.07	0.0	27.26	0.0	0.0	0.0	0.0	0.0
479.05	465.28	1.771e+06	946.52	2661.94	1357.51	0.0	27.23	0.0	0.0	0.0	0.0	0.0
478.95	437.44	1.771e+06	890.09	2676.34	1356.34	0.0	27.20	0.0	0.0	0.0	0.0	0.0
478.81	6563.33	1.778e+06	1.336e+04	3201.28	1334.22	0.0	27.17	0.0	0.0	0.0	0.0	0.0
478.75	210.00	1.778e+06	427.47	2251.30	1351.97	0.0	26.84	0.0	0.0	0.0	0.0	0.0
478.64	568.18	1.778e+06	1156.84	2289.81	1360.76	0.0	26.81	0.0	0.0	0.0	0.0	0.0
462.39	4445.16	1.783e+06	9368.55	3630.85	857.10	0.0	18.98	3687.59	699.09	0.0	1.0979e+06	8.1083e+06
462.31	1.713e+04	1.800e+06	3.611e+04	3460.16	205.64	0.0	42.39	0.0	0.0	0.0	0.0	0.0
461.73	9880.92	1.810e+06	2.085e+04	3563.64	1475.77	0.0	26.78	0.0	0.0	0.0	0.0	0.0
460.33	313.82	1.810e+06	664.36	3248.21	-262.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
458.36	1.446e+04	1.825e+06	3.074e+04	3476.90	-600.10	0.0	27.36	3495.72	-738.62	1.133	0.080	0.336
458.21	1.154e+04	1.836e+06	2.455e+04	549.67	1383.47	0.0	25.56	0.0	0.0	0.0	0.0	0.0
446.72	752.81	1.837e+06	1642.29	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
446.67	6.285e+04	1.900e+06	1.371e+05	1222.65	1163.21	0.0	125.94	226.23	1648.25	0.196	0.817	1.912
446.57	2326.56	1.902e+06	5077.09	478.27	582.12	0.0	0.06	0.0	0.0	0.0	0.0	0.0
446.51	1417.50	1.904e+06	3093.85	183.76	583.61	0.0	0.03	0.0	0.0	0.0	0.0	0.0
432.68	4202.28	1.908e+06	9464.76	1027.43	1380.34	0.0	30.80	0.0	0.0	0.0	0.0	0.0
432.63	222.27	1.908e+06	500.69	1072.61	1337.54	0.0	30.82	0.0	0.0	0.0	0.0	0.0
432.58	212.69	1.908e+06	479.17	1115.19	1376.92	0.0	30.79	0.0	0.0	0.0	0.0	0.0
432.52	212.48	1.908e+06	478.75	1157.27	1376.40	0.0	30.76	0.0	0.0	0.0	0.0	0.0
432.47	212.27	1.909e+06	478.33	1199.36	1375.87	0.0	30.73	0.0	0.0	0.0	0.0	0.0
432.38	653.05	1.909e+06	1471.89	1623.01	1475.48	0.0	30.71	0.0	0.0	0.0	0.0	0.0
432.31	688.39	1.910e+06	1551.85	2011.69	1453.24	0.0	30.89	0.0	0.0	0.0	0.0	0.0
432.25	448.04	1.910e+06	1010.13	1906.62	1367.01	0.0	30.86	0.0	0.0	0.0	0.0	0.0
432.20	695.87	1.911e+06	1569.11	2072.21	1436.06	0.0	30.83	0.0	0.0	0.0	0.0	0.0
432.14	447.08	1.912e+06	1008.22	1996.23	1365.88	0.0	30.80	0.0	0.0	0.0	0.0	0.0
432.09	725.55	1.912e+06	1636.47	2136.71	1421.59	0.0	30.77	0.0	0.0	0.0	0.0	0.0
432.03	210.57	1.912e+06	474.98	1536.02	1371.66	0.0	30.47	0.0	0.0	0.0	0.0	0.0
431.97	1662.48	1.914e+06	3750.59	1681.98	1163.84	0.0	54.33	0.0	0.0	0.0	0.0	0.0
431.89	1000.17	1.915e+06	2256.72	1378.00	1061.67	0.0	54.23	0.0	0.0	0.0	0.0	0.0
431.82	1488.76	1.917e+06	3359.67	1565.05	1170.72	0.0	54.13	0.0	0.0	0.0	0.0	0.0
431.76	2.087e+04	1.938e+06	4.711e+04	1200.05	417.14	0.0	83.13	23.84	419.72	0.037	11.022	0.067
431.66	1207.47	1.939e+06	2725.91	1295.93	1115.15	0.0	53.84	0.0	0.0	0.0	0.0	0.0
431.60	1463.38	1.940e+06	3304.20	1678.79	1160.22	0.0	53.70	0.0	0.0	0.0	0.0	0.0
431.54	3244.00	1.943e+06	7325.79	383.77	897.89	0.0	53.61	0.0	0.0	0.0	0.0	0.0
431.46	928.71	1.944e+06	2097.59	2328.88	1331.76	0.0	30.43	0.0	0.0	0.0	0.0	0.0
431.40	719.78	1.945e+06	1626.01	2463.92	1302.05	0.0	30.36	0.0	0.0	0.0	0.0	0.0
431.33	440.38	1.946e+06	994.98	2618.92	1358.05	0.0	30.33	0.0	0.0	0.0	0.0	0.0
431.27	687.80	1.946e+06	1554.18	2528.92	1287.32	0.0	30.30	0.0	0.0	0.0	0.0	0.0
431.22	207.38	1.946e+06	468.66	2167.26	1363.75	0.0	30.00	0.0	0.0	0.0	0.0	0.0
431.17	697.15	1.947e+06	1575.65	2601.30	1274.62	0.0	30.22	0.0	0.0	0.0	0.0	0.0
431.11	197.86	1.947e+06	447.27	2251.27	1349.53	0.0	29.94	0.0	0.0	0.0	0.0	0.0
431.06	229.08	1.948e+06	517.89	2289.64	1063.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.05	1004.80	1.949e+06	2576.52	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.00	1.846e+05	2.133e+06	4.734e+05	1991.22	876.40	0.0	125.94	2872.84	1561.62	0.765	0.590	0.692
379.94	1090.63	2.134e+06	2797.43	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
379.88	3247.70	2.137e+06	8331.60	356.32	582.74	0.0	0.06	0.0	0.0	0.0	0.0	0.0
379.82	950.67	2.138e+06	2439.23	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285.00	1.189e+05	2.257e+06	4.066e+05	1917.36	858.79	0.0	125.94	2796.69	1404.16	0.580	0.534	0.726
190.00	7.344e+04	2.331e+06	3.767e+05	1907.63	868.16	0.0	125.94	2798.13	1430.45	0.594	0.546	0.731

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
95.00	3.560e+04	2.366e+06	3.652e+05	1918.31	865.90	0.0	125.94	2798.13	1430.45	0.594	0.539	0.734
Risulta	2.366e+06		4.504e+06									

CDC	Tipo	Sigla Id	Note
7	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.000
			categoria suolo: C
			fattore di sito S = 1.443
			ordinata spettro (tratto Tb-Tc) = 0.618 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.273 sec.
			fattore di struttura q: 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			coefficiente Lambda: 0.850
			ordinata spettro Sd(T1): 0.618

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	daN	daN	cm	cm	cm	cm	cm	cm			
963.56	712.67	712.67	720.78	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
960.00	2.588e+05	2.595e+05	2.627e+05	2044.47	905.00	185.71	0.0	2809.58	1527.86	0.700	0.490	0.687
959.94	2999.84	2.625e+05	3045.49	538.31	581.82	6.00	0.0	0.0	0.0	0.0	0.0	0.0
959.88	2137.56	2.646e+05	2170.22	304.25	583.00	6.00	0.0	0.0	0.0	0.0	0.0	0.0
959.82	799.01	2.654e+05	811.26	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
957.28	384.27	2.658e+05	391.20	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
868.56	1284.81	2.671e+05	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.00	3.309e+05	5.980e+05	3.728e+05	2075.30	906.30	185.71	0.0	3067.78	1528.04	0.589	0.722	0.815
864.94	3462.23	6.015e+05	3900.98	538.31	581.82	6.00	0.0	0.0	0.0	0.0	0.0	0.0
864.85	4895.05	6.064e+05	5515.85	245.45	583.30	12.01	0.0	0.0	0.0	0.0	0.0	0.0
864.57	932.04	6.073e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.15	935.74	6.082e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.72	941.52	6.092e+05	1062.30	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
862.28	692.28	6.099e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.18	1135.00	6.110e+05	1288.87	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
773.56	1144.28	6.122e+05	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
770.00	2.946e+05	9.067e+05	3.728e+05	2075.33	906.32	185.71	0.0	3067.37	1528.03	0.589	0.722	0.815
769.94	3081.95	9.098e+05	3900.98	538.31	581.82	6.00	0.0	0.0	0.0	0.0	0.0	0.0
769.85	4357.35	9.142e+05	5515.85	245.45	583.30	12.01	0.0	0.0	0.0	0.0	0.0	0.0
769.15	829.17	9.150e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.30	831.95	9.158e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.44	832.87	9.167e+05	1057.61	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.28	616.01	9.173e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
763.18	982.95	9.183e+05	1255.16	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
678.56	1043.62	9.193e+05	1498.83	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.05	1358.56	9.207e+05	1961.28	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.00	2.612e+05	1.182e+06	3.771e+05	2092.12	901.20	185.71	0.0	0.0	0.0	0.0	0.0	0.0
674.94	1350.87	1.183e+06	1950.49	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
674.88	4052.23	1.187e+06	5851.47	358.21	582.73	12.01	0.0	0.0	0.0	0.0	0.0	0.0
674.82	1118.22	1.188e+06	1614.87	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.72	733.76	1.189e+06	1061.38	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.44	880.19	1.190e+06	1275.60	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.28	565.10	1.191e+06	819.16	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
671.17	833.70	1.191e+06	1210.53	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
668.18	884.77	1.192e+06	1290.41	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.56	1381.98	1.194e+06	2307.88	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.35	124.24	1.194e+06	207.55	1073.11	1377.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.14	118.86	1.194e+06	198.64	1115.19	1376.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.93	118.70	1.194e+06	198.43	1157.27	1376.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.72	118.53	1.194e+06	198.23	1199.36	1375.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.51	118.37	1.194e+06	198.03	1241.44	1375.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.30	118.20	1.194e+06	197.82	1283.52	1374.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.09	252.76	1.195e+06	423.15	1866.74	1367.51	50.76	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
581.88	247.07	1.195e+06	413.78	1901.30	1367.08	51.02	0.0	0.0	0.0	0.0	0.0	0.0
581.67	246.70	1.195e+06	413.32	1946.07	1366.51	51.28	0.0	0.0	0.0	0.0	0.0	0.0
581.46	246.33	1.195e+06	412.86	1990.83	1365.95	51.55	0.0	0.0	0.0	0.0	0.0	0.0
581.26	117.38	1.195e+06	196.80	1493.94	1372.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.18	128.58	1.196e+06	215.61	2530.06	1359.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.05	248.95	1.196e+06	417.54	1247.68	1080.03	27.24	0.0	0.0	0.0	0.0	0.0	0.0
580.95	128.38	1.196e+06	215.35	2577.36	1358.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.81	388.76	1.196e+06	652.28	1073.00	988.03	36.13	0.0	0.0	0.0	0.0	0.0	0.0
580.71	128.17	1.197e+06	215.10	2624.66	1357.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.63	116.89	1.197e+06	196.18	1620.19	1370.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.57	250.18	1.197e+06	419.94	738.45	823.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.47	127.97	1.197e+06	214.84	2671.97	1357.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.42	116.72	1.197e+06	195.98	1662.27	1370.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.33	249.78	1.197e+06	419.44	621.50	824.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.24	244.33	1.198e+06	410.37	2235.09	1362.88	50.75	0.0	0.0	0.0	0.0	0.0	0.0
580.09	249.38	1.198e+06	418.94	504.54	825.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.00	1.616e+05	1.359e+06	2.715e+05	1917.48	915.59	185.71	0.0	0.0	0.0	0.0	0.0	0.0
579.94	1989.35	1.361e+06	3342.99	538.30	581.82	6.00	0.0	0.0	0.0	0.0	0.0	0.0
579.85	3067.26	1.364e+06	5155.03	257.24	603.46	13.48	0.0	0.0	0.0	0.0	0.0	0.0
579.79	249.00	1.365e+06	418.54	2324.65	1361.75	51.27	0.0	0.0	0.0	0.0	0.0	0.0
579.62	373.06	1.365e+06	627.25	767.24	999.36	78.00	0.0	0.0	0.0	0.0	0.0	0.0
579.52	130.15	1.365e+06	218.85	2861.17	1355.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.38	352.18	1.366e+06	592.38	733.16	1009.88	85.95	0.0	0.0	0.0	0.0	0.0	0.0
579.29	130.09	1.366e+06	218.86	2908.48	1354.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.14	311.27	1.366e+06	523.77	764.50	1033.23	92.95	0.0	0.0	0.0	0.0	0.0	0.0
579.05	130.04	1.366e+06	218.86	2955.78	1353.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.95	118.63	1.366e+06	199.69	1956.85	1366.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.81	129.99	1.366e+06	218.86	3003.08	1353.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.75	118.59	1.367e+06	199.69	1998.93	1365.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.54	248.48	1.367e+06	418.55	2568.82	1358.68	50.47	0.0	0.0	0.0	0.0	0.0	0.0
578.33	757.91	1.368e+06	1277.19	858.92	480.42	154.71	0.0	0.0	0.0	0.0	0.0	0.0
578.12	248.29	1.368e+06	418.54	2658.42	1357.55	50.99	0.0	0.0	0.0	0.0	0.0	0.0
577.87	243.06	1.368e+06	409.88	2692.90	1357.12	51.25	0.0	0.0	0.0	0.0	0.0	0.0
577.70	118.37	1.368e+06	199.68	2209.35	1363.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.63	1206.79	1.369e+06	2036.01	3235.85	1350.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.49	113.11	1.369e+06	190.88	2251.43	1362.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.28	585.78	1.370e+06	988.88	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
576.62	2117.73	1.372e+06	3579.11	1027.31	1377.81	0.41	0.0	0.0	0.0	0.0	0.0	0.0
576.42	250.18	1.372e+06	422.97	1073.07	1374.60	0.10	0.0	0.0	0.0	0.0	0.0	0.0
576.22	239.59	1.373e+06	405.21	1115.19	1376.92	0.10	0.0	0.0	0.0	0.0	0.0	0.0
576.01	239.50	1.373e+06	405.20	1157.27	1376.40	0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.93	1.871e+04	1.392e+06	3.165e+04	2177.99	879.57	109.91	0.0	0.0	0.0	0.0	0.0	0.0
575.81	239.41	1.392e+06	405.18	1199.36	1375.87	0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.61	239.31	1.392e+06	405.17	1241.44	1375.34	0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.47	573.42	1.393e+06	971.06	2289.85	1442.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
575.41	239.22	1.393e+06	405.16	1283.52	1374.82	0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.21	512.19	1.393e+06	867.74	1866.86	1367.90	50.86	0.0	0.0	0.0	0.0	0.0	0.0
575.00	501.21	1.394e+06	849.46	1901.48	1367.07	51.13	0.0	0.0	0.0	0.0	0.0	0.0
574.80	501.00	1.394e+06	849.42	1946.28	1366.51	51.39	0.0	0.0	0.0	0.0	0.0	0.0
574.60	500.79	1.395e+06	849.38	1991.07	1365.95	51.65	0.0	0.0	0.0	0.0	0.0	0.0
574.40	238.75	1.395e+06	405.07	1493.94	1372.18	0.10	0.0	0.0	0.0	0.0	0.0	0.0
574.33	261.82	1.395e+06	444.27	2530.06	1359.18	0.10	0.0	0.0	0.0	0.0	0.0	0.0
574.20	542.84	1.396e+06	921.31	1230.29	1058.14	27.56	0.0	0.0	0.0	0.0	0.0	0.0
574.10	261.70	1.396e+06	444.24	2577.36	1358.58	0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.97	788.61	1.397e+06	1338.95	1074.04	990.02	36.21	0.0	0.0	0.0	0.0	0.0	0.0
573.87	261.58	1.397e+06	444.22	2624.66	1357.99	0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.79	238.47	1.398e+06	405.01	1620.19	1370.60	0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.74	515.49	1.398e+06	875.59	738.45	823.84	0.05	0.0	0.0	0.0	0.0	0.0	0.0
573.64	261.46	1.398e+06	444.19	2671.97	1357.39	0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.59	238.37	1.399e+06	404.99	1662.27	1370.07	0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.51	515.25	1.399e+06	875.54	621.50	824.68	0.05	0.0	0.0	0.0	0.0	0.0	0.0
573.41	1.242e+04	1.411e+06	2.112e+04	3414.67	408.07	99.92	0.0	0.0	0.0	0.0	0.0	0.0
573.28	5633.28	1.417e+06	9575.78	3229.58	1372.04	158.65	0.0	0.0	0.0	0.0	0.0	0.0
573.18	1.173e+04	1.429e+06	1.995e+04	1229.60	409.92	151.96	0.0	0.0	0.0	0.0	0.0	0.0
573.05	514.77	1.429e+06	875.42	387.59	826.37	0.04	0.0	0.0	0.0	0.0	0.0	0.0
572.98	499.18	1.430e+06	849.02	2324.84	1361.75	51.37	0.0	0.0	0.0	0.0	0.0	0.0
572.90	8268.49	1.438e+06	1.407e+04	2852.25	-163.59	163.38	0.0	0.0	0.0	0.0	0.0	0.0
572.81	752.50	1.439e+06	1280.25	763.97	998.22	78.07	0.0	0.0	0.0	0.0	0.0	0.0
572.73	260.98	1.439e+06	444.07	2861.17	1355.00	0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.58	710.22	1.440e+06	1208.78	729.43	1008.00	86.02	0.0	0.0	0.0	0.0	0.0	0.0
572.50	260.85	1.440e+06	444.04	2908.48	1354.40	0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.35	596.44	1.441e+06	1015.52	796.64	1039.67	93.21	0.0	0.0	0.0	0.0	0.0	0.0
572.27	260.73	1.441e+06	444.00	2955.78	1353.80	0.10	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
572.18	237.68	1.441e+06	404.81	1956.85	1366.39	0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.04	260.60	1.441e+06	443.97	3003.08	1353.20	0.10	0.0	0.0	0.0	0.0	0.0	0.0
571.97	237.58	1.442e+06	404.78	1998.93	1365.86	0.10	0.0	0.0	0.0	0.0	0.0	0.0
571.81	497.95	1.442e+06	848.69	2569.01	1358.68	50.57	0.0	0.0	0.0	0.0	0.0	0.0
571.57	497.73	1.443e+06	848.62	2613.81	1358.11	50.83	0.0	0.0	0.0	0.0	0.0	0.0
571.37	497.50	1.443e+06	848.55	2658.61	1357.55	51.09	0.0	0.0	0.0	0.0	0.0	0.0
571.12	486.98	1.444e+06	830.93	2693.08	1357.01	51.35	0.0	0.0	0.0	0.0	0.0	0.0
570.96	237.07	1.444e+06	404.63	2209.35	1363.23	0.10	0.0	0.0	0.0	0.0	0.0	0.0
570.89	1910.71	1.446e+06	3261.63	3235.85	1350.16	0.08	0.0	0.0	0.0	0.0	0.0	0.0
570.76	226.85	1.446e+06	387.33	2251.42	1361.87	0.10	0.0	0.0	0.0	0.0	0.0	0.0
570.56	575.72	1.447e+06	983.35	2289.76	1282.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
563.18	1.699e+04	1.464e+06	2.940e+04	2191.90	871.56	109.92	0.0	0.0	0.0	0.0	0.0	0.0
556.28	1870.44	1.465e+06	3276.74	1027.42	1379.96	0.79	0.0	0.0	0.0	0.0	0.0	0.0
556.10	250.46	1.466e+06	438.91	1072.97	1366.80	0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.92	239.82	1.466e+06	420.40	1115.19	1376.92	0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.74	239.69	1.466e+06	420.31	1157.27	1376.40	0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.56	239.56	1.466e+06	420.22	1199.36	1375.87	0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.38	239.43	1.467e+06	420.13	1241.44	1375.34	0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.20	239.30	1.467e+06	420.03	1283.52	1374.82	0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.02	512.93	1.467e+06	900.59	1867.48	1369.08	50.96	0.0	0.0	0.0	0.0	0.0	0.0
554.84	501.83	1.468e+06	881.42	1902.08	1367.07	51.22	0.0	0.0	0.0	0.0	0.0	0.0
554.65	501.54	1.468e+06	881.21	1946.88	1366.50	51.48	0.0	0.0	0.0	0.0	0.0	0.0
554.47	501.24	1.469e+06	881.00	1991.67	1365.94	51.74	0.0	0.0	0.0	0.0	0.0	0.0
554.29	238.64	1.469e+06	419.56	1493.94	1372.18	0.20	0.0	0.0	0.0	0.0	0.0	0.0
554.23	262.30	1.469e+06	461.22	2530.06	1359.18	0.19	0.0	0.0	0.0	0.0	0.0	0.0
554.12	438.45	1.470e+06	771.12	1292.21	1175.27	26.83	0.0	0.0	0.0	0.0	0.0	0.0
554.02	262.14	1.470e+06	461.10	2577.36	1358.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0
553.91	833.29	1.471e+06	1466.04	1062.14	979.70	36.28	0.0	0.0	0.0	0.0	0.0	0.0
553.82	261.97	1.471e+06	460.98	2624.66	1357.99	0.19	0.0	0.0	0.0	0.0	0.0	0.0
553.70	768.75	1.472e+06	1352.98	1011.71	993.28	44.23	0.0	0.0	0.0	0.0	0.0	0.0
553.61	499.91	1.473e+06	880.03	2191.05	1363.43	50.68	0.0	0.0	0.0	0.0	0.0	0.0
553.49	530.17	1.473e+06	933.46	621.50	824.68	0.09	0.0	0.0	0.0	0.0	0.0	0.0
553.41	499.61	1.474e+06	879.80	2235.85	1362.87	50.94	0.0	0.0	0.0	0.0	0.0	0.0
553.29	529.82	1.474e+06	933.20	504.54	825.52	0.09	0.0	0.0	0.0	0.0	0.0	0.0
553.20	1.171e+04	1.486e+06	2.062e+04	1107.84	400.89	154.98	0.0	0.0	0.0	0.0	0.0	0.0
553.08	529.48	1.486e+06	932.95	387.59	826.37	0.09	0.0	0.0	0.0	0.0	0.0	0.0
553.02	9261.94	1.496e+06	1.632e+04	3474.35	630.90	95.43	0.0	0.0	0.0	0.0	0.0	0.0
552.97	3813.25	1.499e+06	6720.27	3549.67	-53.67	22.98	0.0	0.0	0.0	0.0	0.0	0.0
552.87	766.70	1.500e+06	1351.46	754.00	994.76	78.14	0.0	0.0	0.0	0.0	0.0	0.0
552.79	261.13	1.500e+06	460.36	2861.17	1355.00	0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.74	5786.45	1.506e+06	1.020e+04	3541.50	1417.59	20.01	0.0	0.0	0.0	0.0	0.0	0.0
552.67	723.13	1.507e+06	1275.12	718.07	1002.48	86.09	0.0	0.0	0.0	0.0	0.0	0.0
552.59	260.96	1.507e+06	460.23	2908.48	1354.40	0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.46	1270.15	1.508e+06	2240.51	402.99	928.02	93.45	0.0	0.0	0.0	0.0	0.0	0.0
552.38	260.79	1.509e+06	460.10	2955.78	1353.80	0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.30	237.16	1.509e+06	418.46	1956.85	1366.39	0.20	0.0	0.0	0.0	0.0	0.0	0.0
552.18	260.62	1.509e+06	459.97	3003.08	1353.20	0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.12	237.02	1.509e+06	418.36	1998.93	1365.86	0.20	0.0	0.0	0.0	0.0	0.0	0.0
551.97	497.33	1.510e+06	878.09	2569.62	1358.67	50.66	0.0	0.0	0.0	0.0	0.0	0.0
551.76	497.02	1.510e+06	877.85	2614.41	1358.10	50.92	0.0	0.0	0.0	0.0	0.0	0.0
551.58	496.71	1.511e+06	877.61	2659.21	1357.54	51.18	0.0	0.0	0.0	0.0	0.0	0.0
551.36	486.13	1.511e+06	859.20	2693.68	1356.73	51.44	0.0	0.0	0.0	0.0	0.0	0.0
551.28	6717.62	1.518e+06	1.188e+04	3524.92	-573.41	23.01	0.0	0.0	0.0	0.0	0.0	0.0
551.22	4122.40	1.522e+06	7288.20	631.50	1382.00	93.07	0.0	0.0	0.0	0.0	0.0	0.0
551.15	1690.23	1.524e+06	2988.62	3235.84	1349.68	0.15	0.0	0.0	0.0	0.0	0.0	0.0
551.03	225.93	1.524e+06	399.56	2251.39	1359.27	0.19	0.0	0.0	0.0	0.0	0.0	0.0
550.85	497.45	1.525e+06	880.05	2289.81	1362.02	8.45e-03	0.0	0.0	0.0	0.0	0.0	0.0
539.70	1.110e+04	1.536e+06	2.004e+04	2170.37	863.36	112.46	0.0	0.0	0.0	0.0	0.0	0.0
526.52	462.20	1.536e+06	855.48	2534.19	1051.81	18.93	0.0	0.0	0.0	0.0	0.0	0.0
523.94	898.58	1.537e+06	1671.37	1028.81	1408.03	1.12	0.0	0.0	0.0	0.0	0.0	0.0
523.79	246.13	1.537e+06	457.94	1072.84	1356.13	0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.64	235.62	1.538e+06	438.51	1115.19	1376.92	0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.49	235.45	1.538e+06	438.32	1157.27	1376.40	0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.34	235.28	1.538e+06	438.12	1199.36	1375.87	0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.20	235.11	1.538e+06	437.92	1241.44	1375.34	0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.05	234.93	1.539e+06	437.72	1283.52	1374.82	0.28	0.0	0.0	0.0	0.0	0.0	0.0
522.90	504.20	1.539e+06	939.65	1868.18	1370.59	51.04	0.0	0.0	0.0	0.0	0.0	0.0
522.75	493.62	1.540e+06	920.21	1903.19	1367.05	51.30	0.0	0.0	0.0	0.0	0.0	0.0
522.60	493.23	1.540e+06	919.76	1947.98	1366.49	51.56	0.0	0.0	0.0	0.0	0.0	0.0
522.46	492.84	1.541e+06	919.31	1992.78	1365.92	51.82	0.0	0.0	0.0	0.0	0.0	0.0
522.31	234.07	1.541e+06	436.72	1493.94	1372.18	0.28	0.0	0.0	0.0	0.0	0.0	0.0
522.26	258.38	1.541e+06	482.14	2530.06	1359.18	0.28	0.0	0.0	0.0	0.0	0.0	0.0
522.16	442.07	1.541e+06	825.05	1286.26	1192.36	26.66	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
522.09	258.16	1.542e+06	481.88	2577.36	1358.58	0.27	0.0	0.0	0.0	0.0	0.0	0.0
522.00	784.75	1.543e+06	1465.06	1070.75	1001.73	36.34	0.0	0.0	0.0	0.0	0.0	0.0
521.92	257.94	1.543e+06	481.63	2624.66	1357.99	0.27	0.0	0.0	0.0	0.0	0.0	0.0
521.83	780.55	1.544e+06	1457.68	1002.27	987.43	44.29	0.0	0.0	0.0	0.0	0.0	0.0
521.76	491.09	1.544e+06	917.29	2192.16	1363.42	50.76	0.0	0.0	0.0	0.0	0.0	0.0
521.66	546.54	1.545e+06	1021.02	621.50	824.68	0.12	0.0	0.0	0.0	0.0	0.0	0.0
521.59	490.70	1.545e+06	916.83	2236.95	1362.85	51.02	0.0	0.0	0.0	0.0	0.0	0.0
521.49	546.07	1.546e+06	1020.47	504.54	825.52	0.12	0.0	0.0	0.0	0.0	0.0	0.0
521.42	1.217e+04	1.558e+06	2.275e+04	1030.36	394.95	157.57	0.0	0.0	0.0	0.0	0.0	0.0
521.32	778.44	1.559e+06	1455.22	806.62	988.52	70.25	0.0	0.0	0.0	0.0	0.0	0.0
521.25	257.07	1.559e+06	480.61	2813.87	1355.60	0.27	0.0	0.0	0.0	0.0	0.0	0.0
521.15	777.80	1.560e+06	1454.47	737.28	988.97	78.20	0.0	0.0	0.0	0.0	0.0	0.0
521.08	256.85	1.560e+06	480.35	2861.17	1355.00	0.27	0.0	0.0	0.0	0.0	0.0	0.0
520.98	732.83	1.561e+06	1370.81	699.00	993.74	86.15	0.0	0.0	0.0	0.0	0.0	0.0
520.92	256.63	1.561e+06	480.10	2908.48	1354.40	0.27	0.0	0.0	0.0	0.0	0.0	0.0
520.81	1941.36	1.563e+06	3632.61	278.03	890.11	93.66	0.0	0.0	0.0	0.0	0.0	0.0
520.75	256.41	1.563e+06	479.84	2955.78	1353.80	0.27	0.0	0.0	0.0	0.0	0.0	0.0
520.68	232.14	1.563e+06	434.48	1956.85	1366.39	0.28	0.0	0.0	0.0	0.0	0.0	0.0
520.58	488.15	1.564e+06	913.85	2525.92	1359.22	50.48	0.0	0.0	0.0	0.0	0.0	0.0
520.41	487.75	1.564e+06	913.38	2570.72	1358.65	50.74	0.0	0.0	0.0	0.0	0.0	0.0
520.24	487.35	1.565e+06	912.91	2615.51	1358.09	51.00	0.0	0.0	0.0	0.0	0.0	0.0
520.08	486.95	1.565e+06	912.44	2660.31	1357.53	51.26	0.0	0.0	0.0	0.0	0.0	0.0
519.91	476.46	1.566e+06	893.05	2694.77	1356.33	51.52	0.0	0.0	0.0	0.0	0.0	0.0
519.79	231.07	1.566e+06	433.23	2209.35	1363.23	0.27	0.0	0.0	0.0	0.0	0.0	0.0
519.74	961.50	1.567e+06	1802.82	3235.63	1327.30	0.21	0.0	0.0	0.0	0.0	0.0	0.0
519.65	220.73	1.567e+06	413.95	2251.34	1355.65	0.27	0.0	0.0	0.0	0.0	0.0	0.0
519.50	2963.72	1.570e+06	5559.65	2289.81	1362.37	0.01	0.0	0.0	0.0	0.0	0.0	0.0
517.24	4115.94	1.574e+06	7754.86	3597.03	857.34	20.51	0.0	0.0	0.0	0.0	0.0	0.0
517.17	1.173e+04	1.586e+06	2.211e+04	3491.20	158.51	23.50	0.0	0.0	0.0	0.0	0.0	0.0
516.71	7436.17	1.593e+06	1.402e+04	3543.54	1463.45	20.06	0.0	3649.57	1589.77	0.571	0.963	0.827
516.54	275.34	1.594e+06	519.47	3238.34	1608.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.42	343.75	1.594e+06	648.70	2289.81	1362.24	0.01	0.0	0.0	0.0	0.0	0.0	0.0
516.35	317.28	1.594e+06	598.82	3247.46	-222.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.54	352.69	1.595e+06	666.69	3248.36	-270.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.27	1073.94	1.596e+06	2031.16	3551.06	439.40	23.24	0.0	0.0	0.0	0.0	0.0	0.0
515.02	1549.57	1.597e+06	2932.12	3573.36	1481.60	19.97	0.0	0.0	0.0	0.0	0.0	0.0
514.72	332.92	1.598e+06	630.32	3249.27	-317.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.90	6447.59	1.604e+06	1.223e+04	3543.99	-547.72	23.11	0.0	0.0	0.0	0.0	0.0	0.0
513.78	6928.06	1.611e+06	1.314e+04	535.54	1383.14	27.84	0.0	0.0	0.0	0.0	0.0	0.0
513.62	1263.55	1.612e+06	2397.44	3570.39	-587.19	22.79	0.0	0.0	0.0	0.0	0.0	0.0
513.38	797.16	1.613e+06	1513.21	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.33	6.900e+04	1.682e+06	1.310e+05	1288.19	1161.81	185.71	0.0	252.49	1650.73	0.193	0.847	1.959
513.27	2426.03	1.685e+06	4606.22	598.34	581.52	12.01	0.0	0.0	0.0	0.0	0.0	0.0
513.21	808.66	1.685e+06	1535.55	358.21	582.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.15	1478.14	1.687e+06	2807.07	183.76	583.61	6.00	0.0	0.0	0.0	0.0	0.0	0.0
499.40	4.198e+04	1.729e+06	8.191e+04	2219.39	912.78	112.64	0.0	2522.03	662.24	0.138	0.118	2.731
481.78	5291.08	1.734e+06	1.070e+04	1027.16	1374.76	1.37	0.0	0.0	0.0	0.0	0.0	0.0
481.67	235.34	1.734e+06	476.15	1072.71	1345.43	0.35	0.0	0.0	0.0	0.0	0.0	0.0
481.57	225.25	1.735e+06	455.82	1115.19	1376.92	0.35	0.0	0.0	0.0	0.0	0.0	0.0
481.46	225.05	1.735e+06	455.51	1157.27	1376.40	0.35	0.0	0.0	0.0	0.0	0.0	0.0
481.36	224.84	1.735e+06	455.20	1199.36	1375.87	0.34	0.0	0.0	0.0	0.0	0.0	0.0
481.26	224.64	1.735e+06	454.90	1241.44	1375.34	0.34	0.0	0.0	0.0	0.0	0.0	0.0
481.15	224.44	1.735e+06	454.59	1283.52	1374.82	0.34	0.0	0.0	0.0	0.0	0.0	0.0
481.05	482.76	1.736e+06	977.97	1869.33	1372.05	51.10	0.0	0.0	0.0	0.0	0.0	0.0
480.94	473.02	1.736e+06	958.47	1904.83	1367.03	51.36	0.0	0.0	0.0	0.0	0.0	0.0
480.84	472.56	1.737e+06	957.77	1949.63	1366.47	51.62	0.0	0.0	0.0	0.0	0.0	0.0
480.73	472.11	1.737e+06	957.07	1994.43	1365.90	51.89	0.0	0.0	0.0	0.0	0.0	0.0
480.63	471.65	1.738e+06	956.37	2039.23	1365.34	52.15	0.0	0.0	0.0	0.0	0.0	0.0
480.52	527.05	1.738e+06	1068.89	1232.16	1174.24	26.53	0.0	0.0	0.0	0.0	0.0	0.0
480.47	247.96	1.739e+06	502.94	2577.36	1358.58	0.34	0.0	0.0	0.0	0.0	0.0	0.0
480.41	821.72	1.739e+06	1666.90	1051.52	967.63	36.38	0.0	0.0	0.0	0.0	0.0	0.0
480.35	247.71	1.740e+06	502.55	2624.66	1357.99	0.34	0.0	0.0	0.0	0.0	0.0	0.0
480.29	781.15	1.740e+06	1584.98	989.97	979.80	44.33	0.0	0.0	0.0	0.0	0.0	0.0
480.21	470.08	1.741e+06	953.94	2193.79	1363.40	50.82	0.0	0.0	0.0	0.0	0.0	0.0
480.12	1027.36	1.742e+06	2085.21	1360.68	1070.68	105.13	0.0	0.0	0.0	0.0	0.0	0.0
480.00	2.075e+04	1.763e+06	4.213e+04	1201.46	390.06	159.55	0.0	569.47	418.54	0.232	1.318	0.119
479.93	1025.29	1.764e+06	2082.00	1274.72	1071.09	121.56	0.0	0.0	0.0	0.0	0.0	0.0
479.81	1024.25	1.765e+06	2080.39	1231.74	1071.30	129.77	0.0	0.0	0.0	0.0	0.0	0.0
479.69	978.08	1.766e+06	1987.11	1236.48	1076.51	137.98	0.0	0.0	0.0	0.0	0.0	0.0
479.57	2874.02	1.769e+06	5840.31	446.93	912.08	145.87	0.0	0.0	0.0	0.0	0.0	0.0
479.48	221.20	1.769e+06	449.59	1956.85	1366.39	0.34	0.0	0.0	0.0	0.0	0.0	0.0
479.41	466.66	1.769e+06	948.66	2527.55	1359.20	50.54	0.0	0.0	0.0	0.0	0.0	0.0
479.29	466.20	1.770e+06	947.94	2572.35	1358.63	50.80	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
479.16	465.74	1.770e+06	947.23	2617.15	1358.07	51.06	0.0	0.0	0.0	0.0	0.0	0.0
479.05	465.28	1.771e+06	946.52	2661.94	1357.51	51.32	0.0	0.0	0.0	0.0	0.0	0.0
478.95	437.44	1.771e+06	890.09	2676.34	1356.34	51.59	0.0	0.0	0.0	0.0	0.0	0.0
478.81	6563.33	1.778e+06	1.336e+04	3201.28	1334.22	51.62	0.0	0.0	0.0	0.0	0.0	0.0
478.75	210.00	1.778e+06	427.47	2251.30	1351.97	0.34	0.0	0.0	0.0	0.0	0.0	0.0
478.64	568.18	1.778e+06	1156.84	2289.81	1360.76	0.01	0.0	0.0	0.0	0.0	0.0	0.0
462.39	4445.16	1.783e+06	9368.55	3630.85	857.10	20.55	0.0	3687.59	699.09	0.0	1.0979e+06	8.1083e+06
462.31	1.713e+04	1.800e+06	3.611e+04	3460.16	205.64	23.59	0.0	0.0	0.0	0.0	0.0	0.0
461.73	9880.92	1.810e+06	2.085e+04	3563.64	1475.77	20.12	0.0	0.0	0.0	0.0	0.0	0.0
460.33	313.82	1.810e+06	664.36	3248.21	-262.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
458.36	1.446e+04	1.825e+06	3.074e+04	3476.90	-600.10	23.20	0.0	3495.72	-738.62	1.133	0.080	0.336
458.21	1.154e+04	1.836e+06	2.455e+04	549.67	1383.47	37.12	0.0	0.0	0.0	0.0	0.0	0.0
446.72	752.81	1.837e+06	1642.29	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
446.67	6.285e+04	1.900e+06	1.371e+05	1222.65	1163.21	185.71	0.0	226.23	1648.25	0.196	0.817	1.912
446.57	2326.56	1.902e+06	5077.09	478.27	582.12	12.01	0.0	0.0	0.0	0.0	0.0	0.0
446.51	1417.50	1.904e+06	3093.85	183.76	583.61	6.00	0.0	0.0	0.0	0.0	0.0	0.0
432.68	4202.28	1.908e+06	9464.76	1027.43	1380.34	1.53	0.0	0.0	0.0	0.0	0.0	0.0
432.63	222.27	1.908e+06	500.69	1072.61	1337.54	0.39	0.0	0.0	0.0	0.0	0.0	0.0
432.58	212.69	1.908e+06	479.17	1115.19	1376.92	0.39	0.0	0.0	0.0	0.0	0.0	0.0
432.52	212.48	1.908e+06	478.75	1157.27	1376.40	0.39	0.0	0.0	0.0	0.0	0.0	0.0
432.47	212.27	1.909e+06	478.33	1199.36	1375.87	0.38	0.0	0.0	0.0	0.0	0.0	0.0
432.38	653.05	1.909e+06	1471.89	1623.01	1475.48	52.62	0.0	0.0	0.0	0.0	0.0	0.0
432.31	688.39	1.910e+06	1551.85	2011.69	1453.24	51.14	0.0	0.0	0.0	0.0	0.0	0.0
432.25	448.04	1.910e+06	1010.13	1906.62	1367.01	51.40	0.0	0.0	0.0	0.0	0.0	0.0
432.20	695.87	1.911e+06	1569.11	2072.21	1436.06	51.66	0.0	0.0	0.0	0.0	0.0	0.0
432.14	447.08	1.912e+06	1008.22	1996.23	1365.88	51.92	0.0	0.0	0.0	0.0	0.0	0.0
432.09	725.55	1.912e+06	1636.47	2136.71	1421.59	52.18	0.0	0.0	0.0	0.0	0.0	0.0
432.03	210.57	1.912e+06	474.98	1536.02	1371.66	0.38	0.0	0.0	0.0	0.0	0.0	0.0
431.97	1662.48	1.914e+06	3750.59	1681.98	1163.84	88.73	0.0	0.0	0.0	0.0	0.0	0.0
431.89	1000.17	1.915e+06	2256.72	1378.00	1061.67	96.95	0.0	0.0	0.0	0.0	0.0	0.0
431.82	1488.76	1.917e+06	3359.67	1565.05	1170.72	105.16	0.0	0.0	0.0	0.0	0.0	0.0
431.76	2.087e+04	1.938e+06	4.711e+04	1200.05	417.14	160.80	0.0	23.84	419.72	0.037	11.022	0.067
431.66	1207.47	1.939e+06	2725.91	1295.93	1115.15	127.43	0.0	0.0	0.0	0.0	0.0	0.0
431.60	1463.38	1.940e+06	3304.20	1678.79	1160.22	138.01	0.0	0.0	0.0	0.0	0.0	0.0
431.54	3244.00	1.943e+06	7325.79	383.77	897.89	145.97	0.0	0.0	0.0	0.0	0.0	0.0
431.46	928.71	1.944e+06	2097.59	2328.88	1331.76	52.69	0.0	0.0	0.0	0.0	0.0	0.0
431.40	719.78	1.945e+06	1626.01	2463.92	1302.05	50.84	0.0	0.0	0.0	0.0	0.0	0.0
431.33	440.38	1.946e+06	994.98	2618.92	1358.05	51.10	0.0	0.0	0.0	0.0	0.0	0.0
431.27	687.80	1.946e+06	1554.18	2528.92	1287.32	51.36	0.0	0.0	0.0	0.0	0.0	0.0
431.22	207.38	1.946e+06	468.66	2167.26	1363.75	0.38	0.0	0.0	0.0	0.0	0.0	0.0
431.17	697.15	1.947e+06	1575.65	2601.30	1274.62	49.52	0.0	0.0	0.0	0.0	0.0	0.0
431.11	197.86	1.947e+06	447.27	2251.27	1349.53	0.37	0.0	0.0	0.0	0.0	0.0	0.0
431.06	229.08	1.948e+06	517.89	2289.64	1063.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.05	1004.80	1.949e+06	2576.52	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.00	1.846e+05	2.133e+06	4.734e+05	1991.22	876.40	185.71	0.0	2872.84	1561.62	0.765	0.590	0.692
379.94	1090.63	2.134e+06	2797.43	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
379.88	3247.70	2.137e+06	8331.60	356.32	582.74	12.01	0.0	0.0	0.0	0.0	0.0	0.0
379.82	950.67	2.138e+06	2439.23	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285.00	1.189e+05	2.257e+06	4.066e+05	1917.36	858.79	185.71	0.0	2796.69	1404.16	0.580	0.534	0.726
190.00	7.344e+04	2.331e+06	3.767e+05	1907.63	868.16	185.71	0.0	2798.13	1430.45	0.594	0.546	0.731
95.00	3.560e+04	2.366e+06	3.652e+05	1918.31	865.90	185.71	0.0	2798.13	1430.45	0.594	0.539	0.734
Risulta	2.366e+06		4.504e+06									

CDC	Tipo	Sigla Id	Note
8	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.000
			categoria suolo: C
			fattore di sito S = 1.443
			ordinata spettro (tratto Tb-Tc) = 0.618 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.273 sec.
			fattore di struttura q: 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			coefficiente Lambda: 0.850
			ordinata spettro Sd(T1): 0.618

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	daN	daN	cm	cm	cm	cm	cm	cm			
963.56	712.67	712.67	720.78	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
960.00	2.588e+05	2.595e+05	2.627e+05	2044.47	905.00	-185.71	0.0	2809.58	1527.86	0.700	0.490	0.687
959.94	2999.84	2.625e+05	3045.49	538.31	581.82	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
959.88	2137.56	2.646e+05	2170.22	304.25	583.00	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
959.82	799.01	2.654e+05	811.26	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
957.28	384.27	2.658e+05	391.20	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
868.56	1284.81	2.671e+05	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.00	3.309e+05	5.980e+05	3.728e+05	2075.30	906.30	-185.71	0.0	3067.78	1528.04	0.589	0.722	0.815
864.94	3462.23	6.015e+05	3900.98	538.31	581.82	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
864.85	4895.05	6.064e+05	5515.85	245.45	583.30	-12.01	0.0	0.0	0.0	0.0	0.0	0.0
864.57	932.04	6.073e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.15	935.74	6.082e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.72	941.52	6.092e+05	1062.30	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
862.28	692.28	6.099e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.18	1135.00	6.110e+05	1288.87	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
773.56	1144.28	6.122e+05	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
770.00	2.946e+05	9.067e+05	3.728e+05	2075.33	906.32	-185.71	0.0	3067.37	1528.03	0.589	0.722	0.815
769.94	3081.95	9.098e+05	3900.98	538.31	581.82	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
769.85	4357.35	9.142e+05	5515.85	245.45	583.30	-12.01	0.0	0.0	0.0	0.0	0.0	0.0
769.15	829.17	9.150e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.30	831.95	9.158e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.44	832.87	9.167e+05	1057.61	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.28	616.01	9.173e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
763.18	982.95	9.183e+05	1255.16	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
678.56	1043.62	9.193e+05	1498.83	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.05	1358.56	9.207e+05	1961.28	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.00	2.612e+05	1.182e+06	3.771e+05	2092.12	901.20	-185.71	0.0	0.0	0.0	0.0	0.0	0.0
674.94	1350.87	1.183e+06	1950.49	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
674.88	4052.23	1.187e+06	5851.47	358.21	582.73	-12.01	0.0	0.0	0.0	0.0	0.0	0.0
674.82	1118.22	1.188e+06	1614.87	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.72	733.76	1.189e+06	1061.38	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.44	880.19	1.190e+06	1275.60	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.28	565.10	1.191e+06	819.16	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
671.17	833.70	1.191e+06	1210.53	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
668.18	884.77	1.192e+06	1290.41	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.56	1381.98	1.194e+06	2307.88	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.35	124.24	1.194e+06	207.55	1073.11	1377.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.14	118.86	1.194e+06	198.64	1115.19	1376.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.93	118.70	1.194e+06	198.43	1157.27	1376.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.72	118.53	1.194e+06	198.23	1199.36	1375.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.51	118.37	1.194e+06	198.03	1241.44	1375.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.30	118.20	1.194e+06	197.82	1283.52	1374.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.09	252.76	1.195e+06	423.15	1866.74	1367.51	-50.76	0.0	0.0	0.0	0.0	0.0	0.0
581.88	247.07	1.195e+06	413.78	1901.30	1367.08	-51.02	0.0	0.0	0.0	0.0	0.0	0.0
581.67	246.70	1.195e+06	413.32	1946.07	1366.51	-51.28	0.0	0.0	0.0	0.0	0.0	0.0
581.46	246.33	1.195e+06	412.86	1990.83	1365.95	-51.55	0.0	0.0	0.0	0.0	0.0	0.0
581.26	117.38	1.195e+06	196.80	1493.94	1372.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.18	128.58	1.196e+06	215.61	2530.06	1359.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.05	248.95	1.196e+06	417.54	1247.68	1080.03	-27.24	0.0	0.0	0.0	0.0	0.0	0.0
580.95	128.38	1.196e+06	215.35	2577.36	1358.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.81	388.76	1.196e+06	652.28	1073.00	988.03	-36.13	0.0	0.0	0.0	0.0	0.0	0.0
580.71	128.17	1.197e+06	215.10	2624.66	1357.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.63	116.89	1.197e+06	196.18	1620.19	1370.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.57	250.18	1.197e+06	419.94	738.45	823.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.47	127.97	1.197e+06	214.84	2671.97	1357.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.42	116.72	1.197e+06	195.98	1662.27	1370.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.33	249.78	1.197e+06	419.44	621.50	824.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.24	244.33	1.198e+06	410.37	2235.09	1362.88	-50.75	0.0	0.0	0.0	0.0	0.0	0.0
580.09	249.38	1.198e+06	418.94	504.54	825.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.00	1.616e+05	1.359e+06	2.715e+05	1917.48	915.59	-185.71	0.0	0.0	0.0	0.0	0.0	0.0
579.94	1989.35	1.361e+06	3342.99	538.30	581.82	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
579.85	3067.26	1.364e+06	5155.03	257.24	603.46	-13.48	0.0	0.0	0.0	0.0	0.0	0.0
579.79	249.00	1.365e+06	418.54	2324.65	1361.75	-51.27	0.0	0.0	0.0	0.0	0.0	0.0
579.62	373.06	1.365e+06	627.25	767.24	999.36	-78.00	0.0	0.0	0.0	0.0	0.0	0.0
579.52	130.15	1.365e+06	218.85	2861.17	1355.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.38	352.18	1.366e+06	592.38	733.16	1009.88	-85.95	0.0	0.0	0.0	0.0	0.0	0.0
579.29	130.09	1.366e+06	218.86	2908.48	1354.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
579.14	311.27	1.366e+06	523.77	764.50	1033.23	-92.95	0.0	0.0	0.0	0.0	0.0	0.0
579.05	130.04	1.366e+06	218.86	2955.78	1353.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.95	118.63	1.366e+06	199.69	1956.85	1366.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.81	129.99	1.366e+06	218.86	3003.08	1353.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.75	118.59	1.367e+06	199.69	1998.93	1365.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.54	248.48	1.367e+06	418.55	2568.82	1358.68	-50.47	0.0	0.0	0.0	0.0	0.0	0.0
578.33	757.91	1.368e+06	1277.19	858.92	480.42	-154.71	0.0	0.0	0.0	0.0	0.0	0.0
578.12	248.29	1.368e+06	418.54	2658.42	1357.55	-50.99	0.0	0.0	0.0	0.0	0.0	0.0
577.87	243.06	1.368e+06	409.88	2692.90	1357.12	-51.25	0.0	0.0	0.0	0.0	0.0	0.0
577.70	118.37	1.368e+06	199.68	2209.35	1363.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.63	1206.79	1.369e+06	2036.01	3235.85	1350.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.49	113.11	1.369e+06	190.88	2251.43	1362.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.28	585.78	1.370e+06	988.88	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
576.62	2117.73	1.372e+06	3579.11	1027.31	1377.81	-0.41	0.0	0.0	0.0	0.0	0.0	0.0
576.42	250.18	1.372e+06	422.97	1073.07	1374.60	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
576.22	239.59	1.373e+06	405.21	1115.19	1376.92	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
576.01	239.50	1.373e+06	405.20	1157.27	1376.40	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.93	1.871e+04	1.392e+06	3.165e+04	2177.99	879.57	-109.91	0.0	0.0	0.0	0.0	0.0	0.0
575.81	239.41	1.392e+06	405.18	1199.36	1375.87	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.61	239.31	1.392e+06	405.17	1241.44	1375.34	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.47	573.42	1.393e+06	971.06	2289.85	1442.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
575.41	239.22	1.393e+06	405.16	1283.52	1374.82	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.21	512.19	1.393e+06	867.74	1866.86	1367.90	-50.86	0.0	0.0	0.0	0.0	0.0	0.0
575.00	501.21	1.394e+06	849.46	1901.48	1367.07	-51.13	0.0	0.0	0.0	0.0	0.0	0.0
574.80	501.00	1.394e+06	849.42	1946.28	1366.51	-51.39	0.0	0.0	0.0	0.0	0.0	0.0
574.60	500.79	1.395e+06	849.38	1991.07	1365.95	-51.65	0.0	0.0	0.0	0.0	0.0	0.0
574.40	238.75	1.395e+06	405.07	1493.94	1372.18	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
574.33	261.82	1.395e+06	444.27	2530.06	1359.18	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
574.20	542.84	1.396e+06	921.31	1230.29	1058.14	-27.56	0.0	0.0	0.0	0.0	0.0	0.0
574.10	261.70	1.396e+06	444.24	2577.36	1358.58	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.97	788.61	1.397e+06	1338.95	1074.04	990.02	-36.21	0.0	0.0	0.0	0.0	0.0	0.0
573.87	261.58	1.397e+06	444.22	2624.66	1357.99	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.79	238.47	1.398e+06	405.01	1620.19	1370.60	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.74	515.49	1.398e+06	875.59	738.45	823.84	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
573.64	261.46	1.398e+06	444.19	2671.97	1357.39	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.59	238.37	1.399e+06	404.99	1662.27	1370.07	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.51	515.25	1.399e+06	875.54	621.50	824.68	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
573.41	1.242e+04	1.411e+06	2.112e+04	3414.67	408.07	-99.92	0.0	0.0	0.0	0.0	0.0	0.0
573.28	5633.28	1.417e+06	9575.78	3229.58	1372.04	-158.65	0.0	0.0	0.0	0.0	0.0	0.0
573.18	1.173e+04	1.429e+06	1.995e+04	1229.60	409.92	-151.96	0.0	0.0	0.0	0.0	0.0	0.0
573.05	514.77	1.429e+06	875.42	387.59	826.37	-0.04	0.0	0.0	0.0	0.0	0.0	0.0
572.98	499.18	1.430e+06	849.02	2324.84	1361.75	-51.37	0.0	0.0	0.0	0.0	0.0	0.0
572.90	8268.49	1.438e+06	1.407e+04	2852.25	-163.59	-163.38	0.0	0.0	0.0	0.0	0.0	0.0
572.81	752.50	1.439e+06	1280.25	763.97	998.22	-78.07	0.0	0.0	0.0	0.0	0.0	0.0
572.73	260.98	1.439e+06	444.07	2861.17	1355.00	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.58	710.22	1.440e+06	1208.78	729.43	1008.00	-86.02	0.0	0.0	0.0	0.0	0.0	0.0
572.50	260.85	1.440e+06	444.04	2908.48	1354.40	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.35	596.44	1.441e+06	1015.52	796.64	1039.67	-93.21	0.0	0.0	0.0	0.0	0.0	0.0
572.27	260.73	1.441e+06	444.00	2955.78	1353.80	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.18	237.68	1.441e+06	404.81	1956.85	1366.39	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.04	260.60	1.441e+06	443.97	3003.08	1353.20	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
571.97	237.58	1.442e+06	404.78	1998.93	1365.86	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
571.81	497.95	1.442e+06	848.69	2569.01	1358.68	-50.57	0.0	0.0	0.0	0.0	0.0	0.0
571.57	497.73	1.443e+06	848.62	2613.81	1358.11	-50.83	0.0	0.0	0.0	0.0	0.0	0.0
571.37	497.50	1.443e+06	848.55	2658.61	1357.55	-51.09	0.0	0.0	0.0	0.0	0.0	0.0
571.12	486.98	1.444e+06	830.93	2693.08	1357.01	-51.35	0.0	0.0	0.0	0.0	0.0	0.0
570.96	237.07	1.444e+06	404.63	2209.35	1363.23	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
570.89	1910.71	1.446e+06	3261.63	3235.85	1350.16	-0.08	0.0	0.0	0.0	0.0	0.0	0.0
570.76	226.85	1.446e+06	387.33	2251.42	1361.87	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
570.56	575.72	1.447e+06	983.35	2289.76	1282.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
563.18	1.699e+04	1.464e+06	2.940e+04	2191.90	871.56	-109.92	0.0	0.0	0.0	0.0	0.0	0.0
556.28	1870.44	1.465e+06	3276.74	1027.42	1379.96	-0.79	0.0	0.0	0.0	0.0	0.0	0.0
556.10	250.46	1.466e+06	438.91	1072.97	1366.80	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.92	239.82	1.466e+06	420.40	1115.19	1376.92	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.74	239.69	1.466e+06	420.31	1157.27	1376.40	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.56	239.56	1.466e+06	420.22	1199.36	1375.87	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.38	239.43	1.467e+06	420.13	1241.44	1375.34	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.20	239.30	1.467e+06	420.03	1283.52	1374.82	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.02	512.93	1.467e+06	900.59	1867.48	1369.08	-50.96	0.0	0.0	0.0	0.0	0.0	0.0
554.84	501.83	1.468e+06	881.42	1902.08	1367.07	-51.22	0.0	0.0	0.0	0.0	0.0	0.0
554.65	501.54	1.468e+06	881.21	1946.88	1366.50	-51.48	0.0	0.0	0.0	0.0	0.0	0.0
554.47	501.24	1.469e+06	881.00	1991.67	1365.94	-51.74	0.0	0.0	0.0	0.0	0.0	0.0
554.29	238.64	1.469e+06	419.56	1493.94	1372.18	-0.20	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
554.23	262.30	1.469e+06	461.22	2530.06	1359.18	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
554.12	438.45	1.470e+06	771.12	1292.21	1175.27	-26.83	0.0	0.0	0.0	0.0	0.0	0.0
554.02	262.14	1.470e+06	461.10	2577.36	1358.58	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
553.91	833.29	1.471e+06	1466.04	1062.14	979.70	-36.28	0.0	0.0	0.0	0.0	0.0	0.0
553.82	261.97	1.471e+06	460.98	2624.66	1357.99	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
553.70	768.75	1.472e+06	1352.98	1011.71	993.28	-44.23	0.0	0.0	0.0	0.0	0.0	0.0
553.61	499.91	1.473e+06	880.03	2191.05	1363.43	-50.68	0.0	0.0	0.0	0.0	0.0	0.0
553.49	530.17	1.473e+06	933.46	621.50	824.68	-0.09	0.0	0.0	0.0	0.0	0.0	0.0
553.41	499.61	1.474e+06	879.80	2235.85	1362.87	-50.94	0.0	0.0	0.0	0.0	0.0	0.0
553.29	529.82	1.474e+06	933.20	504.54	825.52	-0.09	0.0	0.0	0.0	0.0	0.0	0.0
553.20	1.171e+04	1.486e+06	2.062e+04	1107.84	400.89	-154.98	0.0	0.0	0.0	0.0	0.0	0.0
553.08	529.48	1.486e+06	932.95	387.59	826.37	-0.09	0.0	0.0	0.0	0.0	0.0	0.0
553.02	9261.94	1.496e+06	1.632e+04	3474.35	630.90	-95.43	0.0	0.0	0.0	0.0	0.0	0.0
552.97	3813.25	1.499e+06	6720.27	3549.67	-53.67	-22.98	0.0	0.0	0.0	0.0	0.0	0.0
552.87	766.70	1.500e+06	1351.46	754.00	994.76	-78.14	0.0	0.0	0.0	0.0	0.0	0.0
552.79	261.13	1.500e+06	460.36	2861.17	1355.00	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.74	5786.45	1.506e+06	1.020e+04	3541.50	1417.59	-20.01	0.0	0.0	0.0	0.0	0.0	0.0
552.67	723.13	1.507e+06	1275.12	718.07	1002.48	-86.09	0.0	0.0	0.0	0.0	0.0	0.0
552.59	260.96	1.507e+06	460.23	2908.48	1354.40	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.46	1270.15	1.508e+06	2240.51	402.99	928.02	-93.45	0.0	0.0	0.0	0.0	0.0	0.0
552.38	260.79	1.509e+06	460.10	2955.78	1353.80	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.30	237.16	1.509e+06	418.46	1956.85	1366.39	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
552.18	260.62	1.509e+06	459.97	3003.08	1353.20	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.12	237.02	1.509e+06	418.36	1998.93	1365.86	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
551.97	497.33	1.510e+06	878.09	2569.62	1358.67	-50.66	0.0	0.0	0.0	0.0	0.0	0.0
551.76	497.02	1.510e+06	877.85	2614.41	1358.10	-50.92	0.0	0.0	0.0	0.0	0.0	0.0
551.58	496.71	1.511e+06	877.61	2659.21	1357.54	-51.18	0.0	0.0	0.0	0.0	0.0	0.0
551.36	486.13	1.511e+06	859.20	2693.68	1356.73	-51.44	0.0	0.0	0.0	0.0	0.0	0.0
551.28	6717.62	1.518e+06	1.188e+04	3524.92	-573.41	-23.01	0.0	0.0	0.0	0.0	0.0	0.0
551.22	4122.40	1.522e+06	7288.20	631.50	1382.00	-93.07	0.0	0.0	0.0	0.0	0.0	0.0
551.15	1690.23	1.524e+06	2988.62	3235.84	1349.68	-0.15	0.0	0.0	0.0	0.0	0.0	0.0
551.03	225.93	1.524e+06	399.56	2251.39	1359.27	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
550.85	497.45	1.525e+06	880.05	2289.81	1362.02	-8.45e-03	0.0	0.0	0.0	0.0	0.0	0.0
539.70	1.110e+04	1.536e+06	2.004e+04	2170.37	863.36	-112.46	0.0	0.0	0.0	0.0	0.0	0.0
526.52	462.20	1.536e+06	855.48	2534.19	1051.81	-18.93	0.0	0.0	0.0	0.0	0.0	0.0
523.94	898.58	1.537e+06	1671.37	1028.81	1408.03	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
523.79	246.13	1.537e+06	457.94	1072.84	1356.13	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.64	235.62	1.538e+06	438.51	1115.19	1376.92	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.49	235.45	1.538e+06	438.32	1157.27	1376.40	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.34	235.28	1.538e+06	438.12	1199.36	1375.87	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.20	235.11	1.538e+06	437.92	1241.44	1375.34	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.05	234.93	1.539e+06	437.72	1283.52	1374.82	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
522.90	504.20	1.539e+06	939.65	1868.18	1370.59	-51.04	0.0	0.0	0.0	0.0	0.0	0.0
522.75	493.62	1.540e+06	920.21	1903.19	1367.05	-51.30	0.0	0.0	0.0	0.0	0.0	0.0
522.60	493.23	1.540e+06	919.76	1947.98	1366.49	-51.56	0.0	0.0	0.0	0.0	0.0	0.0
522.46	492.84	1.541e+06	919.31	1992.78	1365.92	-51.82	0.0	0.0	0.0	0.0	0.0	0.0
522.31	234.07	1.541e+06	436.72	1493.94	1372.18	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
522.26	258.38	1.541e+06	482.14	2530.06	1359.18	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
522.16	442.07	1.541e+06	825.05	1286.26	1192.36	-26.66	0.0	0.0	0.0	0.0	0.0	0.0
522.09	258.16	1.542e+06	481.88	2577.36	1358.58	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
522.00	784.75	1.543e+06	1465.06	1070.75	1001.73	-36.34	0.0	0.0	0.0	0.0	0.0	0.0
521.92	257.94	1.543e+06	481.63	2624.66	1357.99	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
521.83	780.55	1.544e+06	1457.68	1002.27	987.43	-44.29	0.0	0.0	0.0	0.0	0.0	0.0
521.76	491.09	1.544e+06	917.29	2192.16	1363.42	-50.76	0.0	0.0	0.0	0.0	0.0	0.0
521.66	546.54	1.545e+06	1021.02	621.50	824.68	-0.12	0.0	0.0	0.0	0.0	0.0	0.0
521.59	490.70	1.545e+06	916.83	2236.95	1362.85	-51.02	0.0	0.0	0.0	0.0	0.0	0.0
521.49	546.07	1.546e+06	1020.47	504.54	825.52	-0.12	0.0	0.0	0.0	0.0	0.0	0.0
521.42	1.217e+04	1.558e+06	2.275e+04	1030.36	394.95	-157.57	0.0	0.0	0.0	0.0	0.0	0.0
521.32	778.44	1.559e+06	1455.22	806.62	988.52	-70.25	0.0	0.0	0.0	0.0	0.0	0.0
521.25	257.07	1.559e+06	480.61	2813.87	1355.60	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
521.15	777.80	1.560e+06	1454.47	737.28	988.97	-78.20	0.0	0.0	0.0	0.0	0.0	0.0
521.08	256.85	1.560e+06	480.35	2861.17	1355.00	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
520.98	732.83	1.561e+06	1370.81	699.00	993.74	-86.15	0.0	0.0	0.0	0.0	0.0	0.0
520.92	256.63	1.561e+06	480.10	2908.48	1354.40	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
520.81	1941.36	1.563e+06	3632.61	278.03	890.11	-93.66	0.0	0.0	0.0	0.0	0.0	0.0
520.75	256.41	1.563e+06	479.84	2955.78	1353.80	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
520.68	232.14	1.563e+06	434.48	1956.85	1366.39	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
520.58	488.15	1.564e+06	913.85	2525.92	1359.22	-50.48	0.0	0.0	0.0	0.0	0.0	0.0
520.41	487.75	1.564e+06	913.38	2570.72	1358.65	-50.74	0.0	0.0	0.0	0.0	0.0	0.0
520.24	487.35	1.565e+06	912.91	2615.51	1358.09	-51.00	0.0	0.0	0.0	0.0	0.0	0.0
520.08	486.95	1.565e+06	912.44	2660.31	1357.53	-51.26	0.0	0.0	0.0	0.0	0.0	0.0
519.91	476.46	1.566e+06	893.05	2694.77	1356.33	-51.52	0.0	0.0	0.0	0.0	0.0	0.0
519.79	231.07	1.566e+06	433.23	2209.35	1363.23	-0.27	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
519.74	961.50	1.567e+06	1802.82	3235.63	1327.30	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
519.65	220.73	1.567e+06	413.95	2251.34	1355.65	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
519.50	2963.72	1.570e+06	5559.65	2289.81	1362.37	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
517.24	4115.94	1.574e+06	7754.86	3597.03	857.34	-20.51	0.0	0.0	0.0	0.0	0.0	0.0
517.17	1.173e+04	1.586e+06	2.211e+04	3491.20	158.51	-23.50	0.0	0.0	0.0	0.0	0.0	0.0
516.71	7436.17	1.593e+06	1.402e+04	3543.54	1463.45	-20.06	0.0	3649.57	1589.77	0.571	0.963	0.827
516.54	275.34	1.594e+06	519.47	3238.34	1608.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.42	343.75	1.594e+06	648.70	2289.81	1362.24	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
516.35	317.28	1.594e+06	598.82	3247.46	-222.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.54	352.69	1.595e+06	666.69	3248.36	-270.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.27	1073.94	1.596e+06	2031.16	3551.06	439.40	-23.24	0.0	0.0	0.0	0.0	0.0	0.0
515.02	1549.57	1.597e+06	2932.12	3573.36	1481.60	-19.97	0.0	0.0	0.0	0.0	0.0	0.0
514.72	332.92	1.598e+06	630.32	3249.27	-317.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.90	6447.59	1.604e+06	1.223e+04	3543.99	-547.72	-23.11	0.0	0.0	0.0	0.0	0.0	0.0
513.78	6928.06	1.611e+06	1.314e+04	535.54	1383.14	-27.84	0.0	0.0	0.0	0.0	0.0	0.0
513.62	1263.55	1.612e+06	2397.44	3570.39	-587.19	-22.79	0.0	0.0	0.0	0.0	0.0	0.0
513.38	797.16	1.613e+06	1513.21	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.33	6.900e+04	1.682e+06	1.310e+05	1288.19	1161.81	-185.71	0.0	252.49	1650.73	0.193	0.847	1.959
513.27	2426.03	1.685e+06	4606.22	598.34	581.52	-12.01	0.0	0.0	0.0	0.0	0.0	0.0
513.21	808.66	1.685e+06	1535.55	358.21	582.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.15	1478.14	1.687e+06	2807.07	183.76	583.61	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
499.40	4.198e+04	1.729e+06	8.191e+04	2219.39	912.78	-112.64	0.0	2522.03	662.24	0.138	0.118	2.731
481.78	5291.08	1.734e+06	1.070e+04	1027.16	1374.76	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
481.67	235.34	1.734e+06	476.15	1072.71	1345.43	-0.35	0.0	0.0	0.0	0.0	0.0	0.0
481.57	225.25	1.735e+06	455.82	1115.19	1376.92	-0.35	0.0	0.0	0.0	0.0	0.0	0.0
481.46	225.05	1.735e+06	455.51	1157.27	1376.40	-0.35	0.0	0.0	0.0	0.0	0.0	0.0
481.36	224.84	1.735e+06	455.20	1199.36	1375.87	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
481.26	224.64	1.735e+06	454.90	1241.44	1375.34	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
481.15	224.44	1.735e+06	454.59	1283.52	1374.82	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
481.05	482.76	1.736e+06	977.97	1869.33	1372.05	-51.10	0.0	0.0	0.0	0.0	0.0	0.0
480.94	473.02	1.736e+06	958.47	1904.83	1367.03	-51.36	0.0	0.0	0.0	0.0	0.0	0.0
480.84	472.56	1.737e+06	957.77	1949.63	1366.47	-51.62	0.0	0.0	0.0	0.0	0.0	0.0
480.73	472.11	1.737e+06	957.07	1994.43	1365.90	-51.89	0.0	0.0	0.0	0.0	0.0	0.0
480.63	471.65	1.738e+06	956.37	2039.23	1365.34	-52.15	0.0	0.0	0.0	0.0	0.0	0.0
480.52	527.05	1.738e+06	1068.89	1232.16	1174.24	-26.53	0.0	0.0	0.0	0.0	0.0	0.0
480.47	247.96	1.739e+06	502.94	2577.36	1358.58	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
480.41	821.72	1.739e+06	1666.90	1051.52	967.63	-36.38	0.0	0.0	0.0	0.0	0.0	0.0
480.35	247.71	1.740e+06	502.55	2624.66	1357.99	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
480.29	781.15	1.740e+06	1584.98	989.97	979.80	-44.33	0.0	0.0	0.0	0.0	0.0	0.0
480.21	470.08	1.741e+06	953.94	2193.79	1363.40	-50.82	0.0	0.0	0.0	0.0	0.0	0.0
480.12	1027.36	1.742e+06	2085.21	1360.68	1070.68	-105.13	0.0	0.0	0.0	0.0	0.0	0.0
480.00	2.075e+04	1.763e+06	4.213e+04	1201.46	390.06	-159.55	0.0	569.47	418.54	0.232	1.318	0.119
479.93	1025.29	1.764e+06	2082.00	1274.72	1071.09	-121.56	0.0	0.0	0.0	0.0	0.0	0.0
479.81	1024.25	1.765e+06	2080.39	1231.74	1071.30	-129.77	0.0	0.0	0.0	0.0	0.0	0.0
479.69	978.08	1.766e+06	1987.11	1236.48	1076.51	-137.98	0.0	0.0	0.0	0.0	0.0	0.0
479.57	2874.02	1.769e+06	5840.31	446.93	912.08	-145.87	0.0	0.0	0.0	0.0	0.0	0.0
479.48	221.20	1.769e+06	449.59	1956.85	1366.39	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
479.41	466.66	1.769e+06	948.66	2527.55	1359.20	-50.54	0.0	0.0	0.0	0.0	0.0	0.0
479.29	466.20	1.770e+06	947.94	2572.35	1358.63	-50.80	0.0	0.0	0.0	0.0	0.0	0.0
479.16	465.74	1.770e+06	947.23	2617.15	1358.07	-51.06	0.0	0.0	0.0	0.0	0.0	0.0
479.05	465.28	1.771e+06	946.52	2661.94	1357.51	-51.32	0.0	0.0	0.0	0.0	0.0	0.0
478.95	437.44	1.771e+06	890.09	2676.34	1356.34	-51.59	0.0	0.0	0.0	0.0	0.0	0.0
478.81	6563.33	1.778e+06	1.336e+04	3201.28	1334.22	-51.62	0.0	0.0	0.0	0.0	0.0	0.0
478.75	210.00	1.778e+06	427.47	2251.30	1351.97	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
478.64	568.18	1.778e+06	1156.84	2289.81	1360.76	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
462.39	4445.16	1.783e+06	9368.55	3630.85	857.10	-20.55	0.0	3687.59	699.09	0.0	1.0979e+06	8.1083e+06
462.31	1.713e+04	1.800e+06	3.611e+04	3460.16	205.64	-23.59	0.0	0.0	0.0	0.0	0.0	0.0
461.73	9880.92	1.810e+06	2.085e+04	3563.64	1475.77	-20.12	0.0	0.0	0.0	0.0	0.0	0.0
460.33	313.82	1.810e+06	664.36	3248.21	-262.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
458.36	1.446e+04	1.825e+06	3.074e+04	3476.90	-600.10	-23.20	0.0	3495.72	-738.62	1.133	0.080	0.336
458.21	1.154e+04	1.836e+06	2.455e+04	549.67	1383.47	-37.12	0.0	0.0	0.0	0.0	0.0	0.0
446.72	752.81	1.837e+06	1642.29	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
446.67	6.285e+04	1.900e+06	1.371e+05	1222.65	1163.21	-185.71	0.0	226.23	1648.25	0.196	0.817	1.912
446.57	2326.56	1.902e+06	5077.09	478.27	582.12	-12.01	0.0	0.0	0.0	0.0	0.0	0.0
446.51	1417.50	1.904e+06	3093.85	183.76	583.61	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
432.68	4202.28	1.908e+06	9464.76	1027.43	1380.34	-1.53	0.0	0.0	0.0	0.0	0.0	0.0
432.63	222.27	1.908e+06	500.69	1072.61	1337.54	-0.39	0.0	0.0	0.0	0.0	0.0	0.0
432.58	212.69	1.908e+06	479.17	1115.19	1376.92	-0.39	0.0	0.0	0.0	0.0	0.0	0.0
432.52	212.48	1.908e+06	478.75	1157.27	1376.40	-0.39	0.0	0.0	0.0	0.0	0.0	0.0
432.47	212.27	1.909e+06	478.33	1199.36	1375.87	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
432.38	653.05	1.909e+06	1471.89	1623.01	1475.48	-52.62	0.0	0.0	0.0	0.0	0.0	0.0
432.31	688.39	1.910e+06	1551.85	2011.69	1453.24	-51.14	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
432.25	448.04	1.910e+06	1010.13	1906.62	1367.01	-51.40	0.0	0.0	0.0	0.0	0.0	0.0
432.20	695.87	1.911e+06	1569.11	2072.21	1436.06	-51.66	0.0	0.0	0.0	0.0	0.0	0.0
432.14	447.08	1.912e+06	1008.22	1996.23	1365.88	-51.92	0.0	0.0	0.0	0.0	0.0	0.0
432.09	725.55	1.912e+06	1636.47	2136.71	1421.59	-52.18	0.0	0.0	0.0	0.0	0.0	0.0
432.03	210.57	1.912e+06	474.98	1536.02	1371.66	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
431.97	1662.48	1.914e+06	3750.59	1681.98	1163.84	-88.73	0.0	0.0	0.0	0.0	0.0	0.0
431.89	1000.17	1.915e+06	2256.72	1378.00	1061.67	-96.95	0.0	0.0	0.0	0.0	0.0	0.0
431.82	1488.76	1.917e+06	3359.67	1565.05	1170.72	-105.16	0.0	0.0	0.0	0.0	0.0	0.0
431.76	2.087e+04	1.938e+06	4.711e+04	1200.05	417.14	-160.80	0.0	23.84	419.72	0.037	11.022	0.067
431.66	1207.47	1.939e+06	2725.91	1295.93	1115.15	-127.43	0.0	0.0	0.0	0.0	0.0	0.0
431.60	1463.38	1.940e+06	3304.20	1678.79	1160.22	-138.01	0.0	0.0	0.0	0.0	0.0	0.0
431.54	3244.00	1.943e+06	7325.79	383.77	897.89	-145.97	0.0	0.0	0.0	0.0	0.0	0.0
431.46	928.71	1.944e+06	2097.59	2328.88	1331.76	-52.69	0.0	0.0	0.0	0.0	0.0	0.0
431.40	719.78	1.945e+06	1626.01	2463.92	1302.05	-50.84	0.0	0.0	0.0	0.0	0.0	0.0
431.33	440.38	1.946e+06	994.98	2618.92	1358.05	-51.10	0.0	0.0	0.0	0.0	0.0	0.0
431.27	687.80	1.946e+06	1554.18	2528.92	1287.32	-51.36	0.0	0.0	0.0	0.0	0.0	0.0
431.22	207.38	1.946e+06	468.66	2167.26	1363.75	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
431.17	697.15	1.947e+06	1575.65	2601.30	1274.62	-49.52	0.0	0.0	0.0	0.0	0.0	0.0
431.11	197.86	1.947e+06	447.27	2251.27	1349.53	-0.37	0.0	0.0	0.0	0.0	0.0	0.0
431.06	229.08	1.948e+06	517.89	2289.64	1063.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.05	1004.80	1.949e+06	2576.52	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.00	1.846e+05	2.133e+06	4.734e+05	1991.22	876.40	-185.71	0.0	2872.84	1561.62	0.765	0.590	0.692
379.94	1090.63	2.134e+06	2797.43	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
379.88	3247.70	2.137e+06	8331.60	356.32	582.74	-12.01	0.0	0.0	0.0	0.0	0.0	0.0
379.82	950.67	2.138e+06	2439.23	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285.00	1.189e+05	2.257e+06	4.066e+05	1917.36	858.79	-185.71	0.0	2796.69	1404.16	0.580	0.534	0.726
190.00	7.344e+04	2.331e+06	3.767e+05	1907.63	868.16	-185.71	0.0	2798.13	1430.45	0.594	0.546	0.731
95.00	3.560e+04	2.366e+06	3.652e+05	1918.31	865.90	-185.71	0.0	2798.13	1430.45	0.594	0.539	0.734
Risulta	2.366e+06		4.504e+06									

CDC	Tipo	Sigla Id	Note
9	Esk	CDC=Es (statico SLD) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.000
			categoria suolo: C
			fattore di sito S = 1.500
			ordinata spettro (tratto Tb-Tc) = 0.226 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.273 sec.
			coefficiente Lambda: 0.850
			ordinata spettro Se(T1): 0.226

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	daN	daN	cm	cm	cm	cm	cm	cm			
963.56	260.91	260.91	720.78	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
960.00	9.474e+04	9.500e+04	2.627e+05	2044.47	905.00	0.0	-125.94	2809.58	1527.86	0.700	0.490	0.687
959.94	1098.26	9.610e+04	3045.49	538.31	581.82	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
959.88	782.57	9.688e+04	2170.22	304.25	583.00	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
959.82	292.52	9.717e+04	811.26	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
957.28	140.68	9.732e+04	391.20	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
868.56	470.38	9.779e+04	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.00	1.212e+05	2.189e+05	3.728e+05	2075.30	906.30	0.0	-125.94	3067.78	1528.04	0.589	0.722	0.815
864.94	1267.55	2.202e+05	3900.98	538.31	581.82	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
864.85	1792.11	2.220e+05	5515.85	245.45	583.30	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
864.57	341.23	2.223e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.15	342.58	2.227e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.72	344.69	2.230e+05	1062.30	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
862.28	253.45	2.233e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.18	415.53	2.237e+05	1288.87	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
773.56	418.93	2.241e+05	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
770.00	1.078e+05	3.320e+05	3.728e+05	2075.33	906.32	0.0	-125.94	3067.37	1528.03	0.589	0.722	0.815
769.94	1128.32	3.331e+05	3900.98	538.31	581.82	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
769.85	1595.26	3.347e+05	5515.85	245.45	583.30	0.0	-0.06	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
769.15	303.56	3.350e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.30	304.58	3.353e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.44	304.92	3.356e+05	1057.61	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.28	225.52	3.358e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
763.18	359.87	3.362e+05	1255.16	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
678.56	382.08	3.366e+05	1498.83	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.05	497.38	3.371e+05	1961.28	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.00	9.562e+04	4.327e+05	3.771e+05	2092.12	901.20	0.0	-125.94	0.0	0.0	0.0	0.0	0.0
674.94	494.56	4.332e+05	1950.49	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
674.88	1483.55	4.347e+05	5851.47	358.21	582.73	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
674.82	409.39	4.351e+05	1614.87	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.72	268.64	4.353e+05	1061.38	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.44	322.24	4.357e+05	1275.60	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.28	206.89	4.359e+05	819.16	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
671.17	305.22	4.362e+05	1210.53	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
668.18	323.92	4.365e+05	1290.41	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.56	505.95	4.370e+05	2307.88	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.35	45.48	4.370e+05	207.55	1073.11	1377.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.14	43.52	4.371e+05	198.64	1115.19	1376.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.93	43.46	4.371e+05	198.43	1157.27	1376.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.72	43.40	4.372e+05	198.23	1199.36	1375.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.51	43.33	4.372e+05	198.03	1241.44	1375.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.30	43.27	4.373e+05	197.82	1283.52	1374.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.09	92.54	4.374e+05	423.15	1866.74	1367.51	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
581.88	90.45	4.374e+05	413.78	1901.30	1367.08	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
581.67	90.32	4.375e+05	413.32	1946.07	1366.51	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
581.46	90.18	4.376e+05	412.86	1990.83	1365.95	0.0	-0.65	0.0	0.0	0.0	0.0	0.0
581.26	42.97	4.377e+05	196.80	1493.94	1372.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.18	47.07	4.377e+05	215.61	2530.06	1359.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.05	91.14	4.378e+05	417.54	1247.68	1080.03	0.0	-27.55	0.0	0.0	0.0	0.0	0.0
580.95	47.00	4.379e+05	215.35	2577.36	1358.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.81	142.33	4.380e+05	652.28	1073.00	988.03	0.0	-27.41	0.0	0.0	0.0	0.0	0.0
580.71	46.93	4.380e+05	215.10	2624.66	1357.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.63	42.79	4.381e+05	196.18	1620.19	1370.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.57	91.59	4.382e+05	419.94	738.45	823.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.47	46.85	4.382e+05	214.84	2671.97	1357.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.42	42.73	4.383e+05	195.98	1662.27	1370.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.33	91.44	4.384e+05	419.44	621.50	824.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.24	89.45	4.385e+05	410.37	2235.09	1362.88	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
580.09	91.30	4.385e+05	418.94	504.54	825.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.00	5.916e+04	4.977e+05	2.715e+05	1917.48	915.59	0.0	-125.94	0.0	0.0	0.0	0.0	0.0
579.94	728.31	4.984e+05	3342.99	538.30	581.82	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
579.85	1122.95	4.996e+05	5155.03	257.24	603.46	0.0	-12.18	0.0	0.0	0.0	0.0	0.0
579.79	91.16	4.996e+05	418.54	2324.65	1361.75	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
579.62	136.58	4.998e+05	627.25	767.24	999.36	0.0	-27.04	0.0	0.0	0.0	0.0	0.0
579.52	47.65	4.998e+05	218.85	2861.17	1355.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.38	128.94	5.000e+05	592.38	733.16	1009.88	0.0	-26.97	0.0	0.0	0.0	0.0	0.0
579.29	47.63	5.000e+05	218.86	2908.48	1354.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.14	113.96	5.001e+05	523.77	764.50	1033.23	0.0	-26.96	0.0	0.0	0.0	0.0	0.0
579.05	47.61	5.002e+05	218.86	2955.78	1353.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.95	43.43	5.002e+05	199.69	1956.85	1366.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.81	47.59	5.003e+05	218.86	3003.08	1353.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.75	43.42	5.003e+05	199.69	1998.93	1365.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.54	90.97	5.004e+05	418.55	2568.82	1358.68	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
578.33	277.48	5.007e+05	1277.19	858.92	480.42	0.0	-65.61	0.0	0.0	0.0	0.0	0.0
578.12	90.90	5.008e+05	418.54	2658.42	1357.55	0.0	-0.64	0.0	0.0	0.0	0.0	0.0
577.87	88.98	5.008e+05	409.88	2692.90	1357.12	0.0	-0.65	0.0	0.0	0.0	0.0	0.0
577.70	43.34	5.009e+05	199.68	2209.35	1363.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.63	441.82	5.013e+05	2036.01	3235.85	1350.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.49	41.41	5.014e+05	190.88	2251.43	1362.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.28	214.46	5.016e+05	988.88	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
576.62	775.31	5.024e+05	3579.11	1027.31	1377.81	0.0	-8.25	0.0	0.0	0.0	0.0	0.0
576.42	91.59	5.025e+05	422.97	1073.07	1374.60	0.0	-8.26	0.0	0.0	0.0	0.0	0.0
576.22	87.72	5.025e+05	405.21	1115.19	1376.92	0.0	-8.25	0.0	0.0	0.0	0.0	0.0
576.01	87.68	5.026e+05	405.20	1157.27	1376.40	0.0	-8.24	0.0	0.0	0.0	0.0	0.0
575.93	6848.39	5.095e+05	3.165e+04	2177.99	879.57	0.0	-22.56	0.0	0.0	0.0	0.0	0.0
575.81	87.65	5.096e+05	405.18	1199.36	1375.87	0.0	-8.23	0.0	0.0	0.0	0.0	0.0
575.61	87.61	5.097e+05	405.17	1241.44	1375.34	0.0	-8.23	0.0	0.0	0.0	0.0	0.0
575.47	209.93	5.099e+05	971.06	2289.85	1442.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
575.41	87.58	5.100e+05	405.16	1283.52	1374.82	0.0	-8.22	0.0	0.0	0.0	0.0	0.0
575.21	187.52	5.101e+05	867.74	1866.86	1367.90	0.0	-8.74	0.0	0.0	0.0	0.0	0.0
575.00	183.50	5.103e+05	849.46	1901.48	1367.07	0.0	-8.74	0.0	0.0	0.0	0.0	0.0
574.80	183.42	5.105e+05	849.42	1946.28	1366.51	0.0	-8.73	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
574.60	183.34	5.107e+05	849.38	1991.07	1365.95	0.0	-8.73	0.0	0.0	0.0	0.0	0.0
574.40	87.41	5.108e+05	405.07	1493.94	1372.18	0.0	-8.17	0.0	0.0	0.0	0.0	0.0
574.33	95.86	5.109e+05	444.27	2530.06	1359.18	0.0	-7.97	0.0	0.0	0.0	0.0	0.0
574.20	198.74	5.111e+05	921.31	1230.29	1058.14	0.0	-34.76	0.0	0.0	0.0	0.0	0.0
574.10	95.81	5.112e+05	444.24	2577.36	1358.58	0.0	-7.96	0.0	0.0	0.0	0.0	0.0
573.97	288.72	5.115e+05	1338.95	1074.04	990.02	0.0	-34.62	0.0	0.0	0.0	0.0	0.0
573.87	95.77	5.116e+05	444.22	2624.66	1357.99	0.0	-7.95	0.0	0.0	0.0	0.0	0.0
573.79	87.30	5.116e+05	405.01	1620.19	1370.60	0.0	-8.15	0.0	0.0	0.0	0.0	0.0
573.74	188.72	5.118e+05	875.59	738.45	823.84	0.0	-6.26	0.0	0.0	0.0	0.0	0.0
573.64	95.72	5.119e+05	444.19	2671.97	1357.39	0.0	-7.94	0.0	0.0	0.0	0.0	0.0
573.59	87.27	5.120e+05	404.99	1662.27	1370.07	0.0	-8.14	0.0	0.0	0.0	0.0	0.0
573.51	188.64	5.122e+05	875.54	621.50	824.68	0.0	-6.25	0.0	0.0	0.0	0.0	0.0
573.41	4548.79	5.167e+05	2.112e+04	3414.67	408.07	0.0	-83.15	0.0	0.0	0.0	0.0	0.0
573.28	2062.38	5.188e+05	9575.78	3229.58	1372.04	0.0	-44.30	0.0	0.0	0.0	0.0	0.0
573.18	4295.27	5.231e+05	1.995e+04	1229.60	409.92	0.0	-62.00	0.0	0.0	0.0	0.0	0.0
573.05	188.46	5.233e+05	875.42	387.59	826.37	0.0	-6.24	0.0	0.0	0.0	0.0	0.0
572.98	182.75	5.235e+05	849.02	2324.84	1361.75	0.0	-8.66	0.0	0.0	0.0	0.0	0.0
572.90	3027.15	5.265e+05	1.407e+04	2852.25	-163.59	0.0	-112.40	0.0	0.0	0.0	0.0	0.0
572.81	275.50	5.268e+05	1280.25	763.97	998.22	0.0	-34.21	0.0	0.0	0.0	0.0	0.0
572.73	95.55	5.269e+05	444.07	2861.17	1355.00	0.0	-7.90	0.0	0.0	0.0	0.0	0.0
572.58	260.01	5.271e+05	1208.78	729.43	1008.00	0.0	-34.13	0.0	0.0	0.0	0.0	0.0
572.50	95.50	5.272e+05	444.04	2908.48	1354.40	0.0	-7.89	0.0	0.0	0.0	0.0	0.0
572.35	218.36	5.274e+05	1015.52	796.64	1039.67	0.0	-34.11	0.0	0.0	0.0	0.0	0.0
572.27	95.45	5.275e+05	444.00	2955.78	1353.80	0.0	-7.88	0.0	0.0	0.0	0.0	0.0
572.18	87.02	5.276e+05	404.81	1956.85	1366.39	0.0	-8.08	0.0	0.0	0.0	0.0	0.0
572.04	95.41	5.277e+05	443.97	3003.08	1353.20	0.0	-7.87	0.0	0.0	0.0	0.0	0.0
571.97	86.98	5.278e+05	404.78	1998.93	1365.86	0.0	-8.07	0.0	0.0	0.0	0.0	0.0
571.81	182.30	5.280e+05	848.69	2569.01	1358.68	0.0	-8.60	0.0	0.0	0.0	0.0	0.0
571.57	182.22	5.282e+05	848.62	2613.81	1358.11	0.0	-8.59	0.0	0.0	0.0	0.0	0.0
571.37	182.14	5.284e+05	848.55	2658.61	1357.55	0.0	-8.59	0.0	0.0	0.0	0.0	0.0
571.12	178.29	5.285e+05	830.93	2693.08	1357.01	0.0	-8.58	0.0	0.0	0.0	0.0	0.0
570.96	86.79	5.286e+05	404.63	2209.35	1363.23	0.0	-8.03	0.0	0.0	0.0	0.0	0.0
570.89	699.52	5.293e+05	3261.63	3235.85	1350.16	0.0	-7.82	0.0	0.0	0.0	0.0	0.0
570.76	83.05	5.294e+05	387.33	2251.42	1361.87	0.0	-8.02	0.0	0.0	0.0	0.0	0.0
570.56	210.78	5.296e+05	983.35	2289.76	1282.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
563.18	6220.52	5.358e+05	2.940e+04	2191.90	871.56	0.0	-22.90	0.0	0.0	0.0	0.0	0.0
556.28	684.78	5.365e+05	3276.74	1027.42	1379.96	0.0	-15.94	0.0	0.0	0.0	0.0	0.0
556.10	91.70	5.366e+05	438.91	1072.97	1366.80	0.0	-15.96	0.0	0.0	0.0	0.0	0.0
555.92	87.80	5.367e+05	420.40	1115.19	1376.92	0.0	-15.94	0.0	0.0	0.0	0.0	0.0
555.74	87.75	5.368e+05	420.31	1157.27	1376.40	0.0	-15.92	0.0	0.0	0.0	0.0	0.0
555.56	87.70	5.369e+05	420.22	1199.36	1375.87	0.0	-15.91	0.0	0.0	0.0	0.0	0.0
555.38	87.66	5.370e+05	420.13	1241.44	1375.34	0.0	-15.89	0.0	0.0	0.0	0.0	0.0
555.20	87.61	5.371e+05	420.03	1283.52	1374.82	0.0	-15.87	0.0	0.0	0.0	0.0	0.0
555.02	187.79	5.372e+05	900.59	1867.48	1369.08	0.0	-16.29	0.0	0.0	0.0	0.0	0.0
554.84	183.72	5.374e+05	881.42	1902.08	1367.07	0.0	-16.28	0.0	0.0	0.0	0.0	0.0
554.65	183.62	5.376e+05	881.21	1946.88	1366.50	0.0	-16.27	0.0	0.0	0.0	0.0	0.0
554.47	183.51	5.378e+05	881.00	1991.67	1365.94	0.0	-16.25	0.0	0.0	0.0	0.0	0.0
554.29	87.37	5.379e+05	419.56	1493.94	1372.18	0.0	-15.79	0.0	0.0	0.0	0.0	0.0
554.23	96.03	5.380e+05	461.22	2530.06	1359.18	0.0	-15.39	0.0	0.0	0.0	0.0	0.0
554.12	160.52	5.381e+05	771.12	1292.21	1175.27	0.0	-29.42	0.0	0.0	0.0	0.0	0.0
554.02	95.97	5.382e+05	461.10	2577.36	1358.58	0.0	-15.37	0.0	0.0	0.0	0.0	0.0
553.91	305.07	5.385e+05	1466.04	1062.14	979.70	0.0	-41.34	0.0	0.0	0.0	0.0	0.0
553.82	95.91	5.386e+05	460.98	2624.66	1357.99	0.0	-15.35	0.0	0.0	0.0	0.0	0.0
553.70	281.44	5.389e+05	1352.98	1011.71	993.28	0.0	-41.26	0.0	0.0	0.0	0.0	0.0
553.61	183.02	5.391e+05	880.03	2191.05	1363.43	0.0	-16.16	0.0	0.0	0.0	0.0	0.0
553.49	194.10	5.393e+05	933.46	621.50	824.68	0.0	-12.08	0.0	0.0	0.0	0.0	0.0
553.41	182.91	5.395e+05	879.80	2235.85	1362.87	0.0	-16.15	0.0	0.0	0.0	0.0	0.0
553.29	193.97	5.397e+05	933.20	504.54	825.52	0.0	-12.07	0.0	0.0	0.0	0.0	0.0
553.20	4286.12	5.440e+05	2.062e+04	1107.84	400.89	0.0	-69.21	0.0	0.0	0.0	0.0	0.0
553.08	193.85	5.441e+05	932.95	387.59	826.37	0.0	-12.05	0.0	0.0	0.0	0.0	0.0
553.02	3390.86	5.475e+05	1.632e+04	3474.35	630.90	0.0	-67.35	0.0	0.0	0.0	0.0	0.0
552.97	1396.06	5.489e+05	6720.27	3549.67	-53.67	0.0	-16.80	0.0	0.0	0.0	0.0	0.0
552.87	280.69	5.492e+05	1351.46	754.00	994.76	0.0	-40.89	0.0	0.0	0.0	0.0	0.0
552.79	95.60	5.493e+05	460.36	2861.17	1355.00	0.0	-15.26	0.0	0.0	0.0	0.0	0.0
552.74	2118.46	5.514e+05	1.020e+04	3541.50	1417.59	0.0	-26.68	0.0	0.0	0.0	0.0	0.0
552.67	264.74	5.517e+05	1275.12	718.07	1002.48	0.0	-40.80	0.0	0.0	0.0	0.0	0.0
552.59	95.54	5.518e+05	460.23	2908.48	1354.40	0.0	-15.24	0.0	0.0	0.0	0.0	0.0
552.46	465.01	5.523e+05	2240.51	402.99	928.02	0.0	-40.76	0.0	0.0	0.0	0.0	0.0
552.38	95.48	5.524e+05	460.10	2955.78	1353.80	0.0	-15.23	0.0	0.0	0.0	0.0	0.0
552.30	86.82	5.524e+05	418.46	1956.85	1366.39	0.0	-15.61	0.0	0.0	0.0	0.0	0.0
552.18	95.42	5.525e+05	459.97	3003.08	1353.20	0.0	-15.21	0.0	0.0	0.0	0.0	0.0
552.12	86.77	5.526e+05	418.36	1998.93	1365.86	0.0	-15.59	0.0	0.0	0.0	0.0	0.0
551.97	182.08	5.528e+05	878.09	2569.62	1358.67	0.0	-16.02	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
551.76	181.96	5.530e+05	877.85	2614.41	1358.10	0.0	-16.01	0.0	0.0	0.0	0.0	0.0
551.58	181.85	5.532e+05	877.61	2659.21	1357.54	0.0	-15.99	0.0	0.0	0.0	0.0	0.0
551.36	177.97	5.533e+05	859.20	2693.68	1356.73	0.0	-15.98	0.0	0.0	0.0	0.0	0.0
551.28	2459.37	5.558e+05	1.188e+04	3524.92	-573.41	0.0	-27.23	0.0	0.0	0.0	0.0	0.0
551.22	1509.24	5.573e+05	7288.20	631.50	1382.00	0.0	-15.51	0.0	0.0	0.0	0.0	0.0
551.15	618.81	5.579e+05	2988.62	3235.84	1349.68	0.0	-15.12	0.0	0.0	0.0	0.0	0.0
551.03	82.71	5.580e+05	399.56	2251.39	1359.27	0.0	-15.50	0.0	0.0	0.0	0.0	0.0
550.85	182.12	5.582e+05	880.05	2289.81	1362.02	0.0	-15.48	0.0	0.0	0.0	0.0	0.0
539.70	4064.09	5.623e+05	2.004e+04	2170.37	863.36	0.0	-23.24	0.0	0.0	0.0	0.0	0.0
526.52	169.21	5.624e+05	855.48	2534.19	1051.81	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
523.94	328.97	5.628e+05	1671.37	1028.81	1408.03	0.0	-22.55	0.0	0.0	0.0	0.0	0.0
523.79	90.11	5.628e+05	457.94	1072.84	1356.13	0.0	-22.56	0.0	0.0	0.0	0.0	0.0
523.64	86.26	5.629e+05	438.51	1115.19	1376.92	0.0	-22.54	0.0	0.0	0.0	0.0	0.0
523.49	86.20	5.630e+05	438.32	1157.27	1376.40	0.0	-22.52	0.0	0.0	0.0	0.0	0.0
523.34	86.14	5.631e+05	438.12	1199.36	1375.87	0.0	-22.49	0.0	0.0	0.0	0.0	0.0
523.20	86.07	5.632e+05	437.92	1241.44	1375.34	0.0	-22.47	0.0	0.0	0.0	0.0	0.0
523.05	86.01	5.633e+05	437.72	1283.52	1374.82	0.0	-22.45	0.0	0.0	0.0	0.0	0.0
522.90	184.59	5.635e+05	939.65	1868.18	1370.59	0.0	-22.78	0.0	0.0	0.0	0.0	0.0
522.75	180.72	5.636e+05	920.21	1903.19	1367.05	0.0	-22.76	0.0	0.0	0.0	0.0	0.0
522.60	180.57	5.638e+05	919.76	1947.98	1366.49	0.0	-22.74	0.0	0.0	0.0	0.0	0.0
522.46	180.43	5.640e+05	919.31	1992.78	1365.92	0.0	-22.72	0.0	0.0	0.0	0.0	0.0
522.31	85.69	5.641e+05	436.72	1493.94	1372.18	0.0	-22.33	0.0	0.0	0.0	0.0	0.0
522.26	94.59	5.642e+05	482.14	2530.06	1359.18	0.0	-21.76	0.0	0.0	0.0	0.0	0.0
522.16	161.84	5.643e+05	825.05	1286.26	1192.36	0.0	-30.19	0.0	0.0	0.0	0.0	0.0
522.09	94.51	5.644e+05	481.88	2577.36	1358.58	0.0	-21.74	0.0	0.0	0.0	0.0	0.0
522.00	287.30	5.647e+05	1465.06	1070.75	1001.73	0.0	-47.11	0.0	0.0	0.0	0.0	0.0
521.92	94.44	5.648e+05	481.63	2624.66	1357.99	0.0	-21.71	0.0	0.0	0.0	0.0	0.0
521.83	285.77	5.651e+05	1457.68	1002.27	987.43	0.0	-47.02	0.0	0.0	0.0	0.0	0.0
521.76	179.79	5.653e+05	917.29	2192.16	1363.42	0.0	-22.60	0.0	0.0	0.0	0.0	0.0
521.66	200.09	5.655e+05	1021.02	621.50	824.68	0.0	-17.09	0.0	0.0	0.0	0.0	0.0
521.59	179.65	5.657e+05	916.83	2236.95	1362.85	0.0	-22.58	0.0	0.0	0.0	0.0	0.0
521.49	199.92	5.659e+05	1020.47	504.54	825.52	0.0	-17.07	0.0	0.0	0.0	0.0	0.0
521.42	4456.97	5.703e+05	2.275e+04	1030.36	394.95	0.0	-75.39	0.0	0.0	0.0	0.0	0.0
521.32	284.99	5.706e+05	1455.22	806.62	988.52	0.0	-46.71	0.0	0.0	0.0	0.0	0.0
521.25	94.11	5.707e+05	480.61	2813.87	1355.60	0.0	-21.61	0.0	0.0	0.0	0.0	0.0
521.15	284.76	5.710e+05	1454.47	737.28	988.97	0.0	-46.62	0.0	0.0	0.0	0.0	0.0
521.08	94.03	5.711e+05	480.35	2861.17	1355.00	0.0	-21.58	0.0	0.0	0.0	0.0	0.0
520.98	268.29	5.714e+05	1370.81	699.00	993.74	0.0	-46.53	0.0	0.0	0.0	0.0	0.0
520.92	93.95	5.714e+05	480.10	2908.48	1354.40	0.0	-21.56	0.0	0.0	0.0	0.0	0.0
520.81	710.74	5.722e+05	3632.61	278.03	890.11	0.0	-46.47	0.0	0.0	0.0	0.0	0.0
520.75	93.87	5.723e+05	479.84	2955.78	1353.80	0.0	-21.53	0.0	0.0	0.0	0.0	0.0
520.68	84.99	5.723e+05	434.48	1956.85	1366.39	0.0	-22.08	0.0	0.0	0.0	0.0	0.0
520.58	178.71	5.725e+05	913.85	2525.92	1359.22	0.0	-22.41	0.0	0.0	0.0	0.0	0.0
520.41	178.57	5.727e+05	913.38	2570.72	1358.65	0.0	-22.39	0.0	0.0	0.0	0.0	0.0
520.24	178.42	5.729e+05	912.91	2615.51	1358.09	0.0	-22.37	0.0	0.0	0.0	0.0	0.0
520.08	178.28	5.731e+05	912.44	2660.31	1357.53	0.0	-22.35	0.0	0.0	0.0	0.0	0.0
519.91	174.43	5.732e+05	893.05	2694.77	1356.33	0.0	-22.33	0.0	0.0	0.0	0.0	0.0
519.79	84.60	5.733e+05	433.23	2209.35	1363.23	0.0	-21.94	0.0	0.0	0.0	0.0	0.0
519.74	352.01	5.737e+05	1802.82	3235.63	1327.30	0.0	-21.38	0.0	0.0	0.0	0.0	0.0
519.65	80.81	5.737e+05	413.95	2251.34	1355.65	0.0	-21.91	0.0	0.0	0.0	0.0	0.0
519.50	1085.04	5.748e+05	5559.65	2289.81	1362.37	0.0	-21.89	0.0	0.0	0.0	0.0	0.0
517.24	1506.87	5.763e+05	7754.86	3597.03	857.34	0.0	-18.94	0.0	0.0	0.0	0.0	0.0
517.17	4296.08	5.806e+05	2.211e+04	3491.20	158.51	0.0	-42.39	0.0	0.0	0.0	0.0	0.0
516.71	2722.43	5.834e+05	1.402e+04	3543.54	1463.45	0.0	-26.73	3649.57	1589.77	0.571	0.963	0.827
516.54	100.80	5.835e+05	519.47	3238.34	1608.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.42	125.85	5.836e+05	648.70	2289.81	1362.24	0.0	-26.43	0.0	0.0	0.0	0.0	0.0
516.35	116.16	5.837e+05	598.82	3247.46	-222.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.54	129.12	5.838e+05	666.69	3248.36	-270.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.27	393.18	5.842e+05	2031.16	3551.06	439.40	0.0	-20.51	0.0	0.0	0.0	0.0	0.0
515.02	567.31	5.848e+05	2932.12	3573.36	1481.60	0.0	-26.70	0.0	0.0	0.0	0.0	0.0
514.72	121.88	5.849e+05	630.32	3249.27	-317.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.90	2360.50	5.873e+05	1.223e+04	3543.99	-547.72	0.0	-27.30	0.0	0.0	0.0	0.0	0.0
513.78	2536.41	5.898e+05	1.314e+04	535.54	1383.14	0.0	-19.17	0.0	0.0	0.0	0.0	0.0
513.62	462.59	5.903e+05	2397.44	3570.39	-587.19	0.0	-21.98	0.0	0.0	0.0	0.0	0.0
513.38	291.85	5.906e+05	1513.21	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.33	2.526e+04	6.158e+05	1.310e+05	1288.19	1161.81	0.0	-125.94	252.49	1650.73	0.193	0.847	1.959
513.27	888.19	6.167e+05	4606.22	598.34	581.52	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
513.21	296.05	6.170e+05	1535.55	358.21	582.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.15	541.16	6.175e+05	2807.07	183.76	583.61	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
499.40	1.537e+04	6.329e+05	8.191e+04	2219.39	912.78	0.0	-23.58	2522.03	662.24	0.138	0.118	2.731
481.78	1937.10	6.349e+05	1.070e+04	1027.16	1374.76	0.0	-27.61	0.0	0.0	0.0	0.0	0.0
481.67	86.16	6.349e+05	476.15	1072.71	1345.43	0.0	-27.64	0.0	0.0	0.0	0.0	0.0
481.57	82.46	6.350e+05	455.82	1115.19	1376.92	0.0	-27.61	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
481.46	82.39	6.351e+05	455.51	1157.27	1376.40	0.0	-27.58	0.0	0.0	0.0	0.0	0.0
481.36	82.32	6.352e+05	455.20	1199.36	1375.87	0.0	-27.55	0.0	0.0	0.0	0.0	0.0
481.26	82.24	6.353e+05	454.90	1241.44	1375.34	0.0	-27.52	0.0	0.0	0.0	0.0	0.0
481.15	82.17	6.353e+05	454.59	1283.52	1374.82	0.0	-27.49	0.0	0.0	0.0	0.0	0.0
481.05	176.74	6.355e+05	977.97	1869.33	1372.05	0.0	-27.76	0.0	0.0	0.0	0.0	0.0
480.94	173.18	6.357e+05	958.47	1904.83	1367.03	0.0	-27.73	0.0	0.0	0.0	0.0	0.0
480.84	173.01	6.359e+05	957.77	1949.63	1366.47	0.0	-27.71	0.0	0.0	0.0	0.0	0.0
480.73	172.84	6.360e+05	957.07	1994.43	1365.90	0.0	-27.68	0.0	0.0	0.0	0.0	0.0
480.63	172.67	6.362e+05	956.37	2039.23	1365.34	0.0	-27.65	0.0	0.0	0.0	0.0	0.0
480.52	192.96	6.364e+05	1068.89	1232.16	1174.24	0.0	-30.78	0.0	0.0	0.0	0.0	0.0
480.47	90.78	6.365e+05	502.94	2577.36	1358.58	0.0	-26.62	0.0	0.0	0.0	0.0	0.0
480.41	300.84	6.368e+05	1666.90	1051.52	967.63	0.0	-51.54	0.0	0.0	0.0	0.0	0.0
480.35	90.69	6.369e+05	502.55	2624.66	1357.99	0.0	-26.59	0.0	0.0	0.0	0.0	0.0
480.29	285.98	6.372e+05	1584.98	989.97	979.80	0.0	-51.45	0.0	0.0	0.0	0.0	0.0
480.21	172.10	6.374e+05	953.94	2193.79	1363.40	0.0	-27.53	0.0	0.0	0.0	0.0	0.0
480.12	376.13	6.377e+05	2085.21	1360.68	1070.68	0.0	-51.31	0.0	0.0	0.0	0.0	0.0
480.00	7596.26	6.453e+05	4.213e+04	1201.46	390.06	0.0	-80.14	569.47	418.54	0.232	1.318	0.119
479.93	375.36	6.457e+05	2082.00	1274.72	1071.09	0.0	-51.12	0.0	0.0	0.0	0.0	0.0
479.81	374.98	6.461e+05	2080.39	1231.74	1071.30	0.0	-51.03	0.0	0.0	0.0	0.0	0.0
479.69	358.08	6.464e+05	1987.11	1236.48	1076.51	0.0	-50.93	0.0	0.0	0.0	0.0	0.0
479.57	1052.20	6.475e+05	5840.31	446.93	912.08	0.0	-50.86	0.0	0.0	0.0	0.0	0.0
479.48	80.98	6.476e+05	449.59	1956.85	1366.39	0.0	-27.04	0.0	0.0	0.0	0.0	0.0
479.41	170.85	6.477e+05	948.66	2527.55	1359.20	0.0	-27.31	0.0	0.0	0.0	0.0	0.0
479.29	170.68	6.479e+05	947.94	2572.35	1358.63	0.0	-27.28	0.0	0.0	0.0	0.0	0.0
479.16	170.51	6.481e+05	947.23	2617.15	1358.07	0.0	-27.26	0.0	0.0	0.0	0.0	0.0
479.05	170.34	6.482e+05	946.52	2661.94	1357.51	0.0	-27.23	0.0	0.0	0.0	0.0	0.0
478.95	160.15	6.484e+05	890.09	2676.34	1356.34	0.0	-27.20	0.0	0.0	0.0	0.0	0.0
478.81	2402.88	6.508e+05	1.336e+04	3201.28	1334.22	0.0	-27.17	0.0	0.0	0.0	0.0	0.0
478.75	76.88	6.509e+05	427.47	2251.30	1351.97	0.0	-26.84	0.0	0.0	0.0	0.0	0.0
478.64	208.02	6.511e+05	1156.84	2289.81	1360.76	0.0	-26.81	0.0	0.0	0.0	0.0	0.0
462.39	1627.40	6.527e+05	9368.55	3630.85	857.10	0.0	-18.98	3687.59	699.09	0.0	1.0979e+06	8.1083e+06
462.31	6271.17	6.590e+05	3.611e+04	3460.16	205.64	0.0	-42.39	0.0	0.0	0.0	0.0	0.0
461.73	3617.47	6.626e+05	2.085e+04	3563.64	1475.77	0.0	-26.78	0.0	0.0	0.0	0.0	0.0
460.33	114.89	6.627e+05	664.36	3248.21	-262.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
458.36	5293.80	6.680e+05	3.074e+04	3476.90	-600.10	0.0	-27.36	3495.72	-738.62	1.133	0.080	0.336
458.21	4225.64	6.722e+05	2.455e+04	549.67	1383.47	0.0	-25.56	0.0	0.0	0.0	0.0	0.0
446.72	275.61	6.725e+05	1642.29	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
446.67	2.301e+04	6.955e+05	1.371e+05	1222.65	1163.21	0.0	-125.94	226.23	1648.25	0.196	0.817	1.912
446.57	851.77	6.964e+05	5077.09	478.27	582.12	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
446.51	518.96	6.969e+05	3093.85	183.76	583.61	0.0	-0.03	0.0	0.0	0.0	0.0	0.0
432.68	1538.48	6.984e+05	9464.76	1027.43	1380.34	0.0	-30.80	0.0	0.0	0.0	0.0	0.0
432.63	81.38	6.985e+05	500.69	1072.61	1337.54	0.0	-30.82	0.0	0.0	0.0	0.0	0.0
432.58	77.87	6.986e+05	479.17	1115.19	1376.92	0.0	-30.79	0.0	0.0	0.0	0.0	0.0
432.52	77.79	6.987e+05	478.75	1157.27	1376.40	0.0	-30.76	0.0	0.0	0.0	0.0	0.0
432.47	77.71	6.988e+05	478.33	1199.36	1375.87	0.0	-30.73	0.0	0.0	0.0	0.0	0.0
432.38	239.09	6.990e+05	1471.89	1623.01	1475.48	0.0	-30.71	0.0	0.0	0.0	0.0	0.0
432.31	252.02	6.992e+05	1551.85	2011.69	1453.24	0.0	-30.89	0.0	0.0	0.0	0.0	0.0
432.25	164.03	6.994e+05	1010.13	1906.62	1367.01	0.0	-30.86	0.0	0.0	0.0	0.0	0.0
432.20	254.76	6.997e+05	1569.11	2072.21	1436.06	0.0	-30.83	0.0	0.0	0.0	0.0	0.0
432.14	163.68	6.998e+05	1008.22	1996.23	1365.88	0.0	-30.80	0.0	0.0	0.0	0.0	0.0
432.09	265.63	7.001e+05	1636.47	2136.71	1421.59	0.0	-30.77	0.0	0.0	0.0	0.0	0.0
432.03	77.09	7.002e+05	474.98	1536.02	1371.66	0.0	-30.47	0.0	0.0	0.0	0.0	0.0
431.97	608.65	7.008e+05	3750.59	1681.98	1163.84	0.0	-54.33	0.0	0.0	0.0	0.0	0.0
431.89	366.17	7.011e+05	2256.72	1378.00	1061.67	0.0	-54.23	0.0	0.0	0.0	0.0	0.0
431.82	545.05	7.017e+05	3359.67	1565.05	1170.72	0.0	-54.13	0.0	0.0	0.0	0.0	0.0
431.76	7641.46	7.093e+05	4.711e+04	1200.05	417.14	0.0	-83.13	23.84	419.72	0.037	11.022	0.067
431.66	442.06	7.098e+05	2725.91	1295.93	1115.15	0.0	-53.84	0.0	0.0	0.0	0.0	0.0
431.60	535.76	7.103e+05	3304.20	1678.79	1160.22	0.0	-53.70	0.0	0.0	0.0	0.0	0.0
431.54	1187.65	7.115e+05	7325.79	383.77	897.89	0.0	-53.61	0.0	0.0	0.0	0.0	0.0
431.46	340.01	7.118e+05	2097.59	2328.88	1331.76	0.0	-30.43	0.0	0.0	0.0	0.0	0.0
431.40	263.51	7.121e+05	1626.01	2463.92	1302.05	0.0	-30.36	0.0	0.0	0.0	0.0	0.0
431.33	161.23	7.123e+05	994.98	2618.92	1358.05	0.0	-30.33	0.0	0.0	0.0	0.0	0.0
431.27	251.81	7.125e+05	1554.18	2528.92	1287.32	0.0	-30.30	0.0	0.0	0.0	0.0	0.0
431.22	75.92	7.126e+05	468.66	2167.26	1363.75	0.0	-30.00	0.0	0.0	0.0	0.0	0.0
431.17	255.23	7.128e+05	1575.65	2601.30	1274.62	0.0	-30.22	0.0	0.0	0.0	0.0	0.0
431.11	72.44	7.129e+05	447.27	2251.27	1349.53	0.0	-29.94	0.0	0.0	0.0	0.0	0.0
431.06	83.87	7.130e+05	517.89	2289.64	1063.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.05	367.86	7.134e+05	2576.52	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.00	6.758e+04	7.809e+05	4.734e+05	1991.22	876.40	0.0	-125.94	2872.84	1561.62	0.765	0.590	0.692
379.94	399.29	7.813e+05	2797.43	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
379.88	1189.00	7.825e+05	8331.60	356.32	582.74	0.0	-0.06	0.0	0.0	0.0	0.0	0.0
379.82	348.05	7.829e+05	2439.23	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
285.00	4.354e+04	8.264e+05	4.066e+05	1917.36	858.79	0.0	-125.94	2796.69	1404.16	0.580	0.534	0.726
190.00	2.689e+04	8.533e+05	3.767e+05	1907.63	868.16	0.0	-125.94	2798.13	1430.45	0.594	0.546	0.731
95.00	1.303e+04	8.663e+05	3.652e+05	1918.31	865.90	0.0	-125.94	2798.13	1430.45	0.594	0.539	0.734
Risulta	8.663e+05		4.504e+06									

CDC	Tipo	Sigla Id	Note
10	Esk	CDC=Es (statico SLD) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.000
			categoria suolo: C
			fattore di sito S = 1.500
			ordinata spettro (tratto Tb-Tc) = 0.226 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.273 sec.
			coefficiente Lambda: 0.850
			ordinata spettro Se(T1): 0.226

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	daN	daN	cm	cm	cm	cm	cm	cm			
963.56	260.91	260.91	720.78	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
960.00	9.474e+04	9.500e+04	2.627e+05	2044.47	905.00	0.0	125.94	2809.58	1527.86	0.700	0.490	0.687
959.94	1098.26	9.610e+04	3045.49	538.31	581.82	0.0	0.03	0.0	0.0	0.0	0.0	0.0
959.88	782.57	9.688e+04	2170.22	304.25	583.00	0.0	0.03	0.0	0.0	0.0	0.0	0.0
959.82	292.52	9.717e+04	811.26	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
957.28	140.68	9.732e+04	391.20	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
868.56	470.38	9.779e+04	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.00	1.212e+05	2.189e+05	3.728e+05	2075.30	906.30	0.0	125.94	3067.78	1528.04	0.589	0.722	0.815
864.94	1267.55	2.202e+05	3900.98	538.31	581.82	0.0	0.03	0.0	0.0	0.0	0.0	0.0
864.85	1792.11	2.220e+05	5515.85	245.45	583.30	0.0	0.06	0.0	0.0	0.0	0.0	0.0
864.57	341.23	2.223e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.15	342.58	2.227e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.72	344.69	2.230e+05	1062.30	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
862.28	253.45	2.233e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.18	415.53	2.237e+05	1288.87	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
773.56	418.93	2.241e+05	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
770.00	1.078e+05	3.320e+05	3.728e+05	2075.33	906.32	0.0	125.94	3067.37	1528.03	0.589	0.722	0.815
769.94	1128.32	3.331e+05	3900.98	538.31	581.82	0.0	0.03	0.0	0.0	0.0	0.0	0.0
769.85	1595.26	3.347e+05	5515.85	245.45	583.30	0.0	0.06	0.0	0.0	0.0	0.0	0.0
769.15	303.56	3.350e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.30	304.58	3.353e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.44	304.92	3.356e+05	1057.61	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.28	225.52	3.358e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
763.18	359.87	3.362e+05	1255.16	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
678.56	382.08	3.366e+05	1498.83	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.05	497.38	3.371e+05	1961.28	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.00	9.562e+04	4.327e+05	3.771e+05	2092.12	901.20	0.0	125.94	0.0	0.0	0.0	0.0	0.0
674.94	494.56	4.332e+05	1950.49	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
674.88	1483.55	4.347e+05	5851.47	358.21	582.73	0.0	0.06	0.0	0.0	0.0	0.0	0.0
674.82	409.39	4.351e+05	1614.87	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.72	268.64	4.353e+05	1061.38	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.44	322.24	4.357e+05	1275.60	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.28	206.89	4.359e+05	819.16	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
671.17	305.22	4.362e+05	1210.53	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
668.18	323.92	4.365e+05	1290.41	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.56	505.95	4.370e+05	2307.88	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.35	45.48	4.370e+05	207.55	1073.11	1377.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.14	43.52	4.371e+05	198.64	1115.19	1376.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.93	43.46	4.371e+05	198.43	1157.27	1376.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.72	43.40	4.372e+05	198.23	1199.36	1375.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.51	43.33	4.372e+05	198.03	1241.44	1375.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.30	43.27	4.373e+05	197.82	1283.52	1374.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.09	92.54	4.374e+05	423.15	1866.74	1367.51	0.0	0.64	0.0	0.0	0.0	0.0	0.0
581.88	90.45	4.374e+05	413.78	1901.30	1367.08	0.0	0.64	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
581.67	90.32	4.375e+05	413.32	1946.07	1366.51	0.0	0.64	0.0	0.0	0.0	0.0	0.0
581.46	90.18	4.376e+05	412.86	1990.83	1365.95	0.0	0.65	0.0	0.0	0.0	0.0	0.0
581.26	42.97	4.377e+05	196.80	1493.94	1372.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.18	47.07	4.377e+05	215.61	2530.06	1359.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.05	91.14	4.378e+05	417.54	1247.68	1080.03	0.0	27.55	0.0	0.0	0.0	0.0	0.0
580.95	47.00	4.379e+05	215.35	2577.36	1358.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.81	142.33	4.380e+05	652.28	1073.00	988.03	0.0	27.41	0.0	0.0	0.0	0.0	0.0
580.71	46.93	4.380e+05	215.10	2624.66	1357.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.63	42.79	4.381e+05	196.18	1620.19	1370.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.57	91.59	4.382e+05	419.94	738.45	823.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.47	46.85	4.382e+05	214.84	2671.97	1357.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.42	42.73	4.383e+05	195.98	1662.27	1370.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.33	91.44	4.384e+05	419.44	621.50	824.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.24	89.45	4.385e+05	410.37	2235.09	1362.88	0.0	0.64	0.0	0.0	0.0	0.0	0.0
580.09	91.30	4.385e+05	418.94	504.54	825.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.00	5.916e+04	4.977e+05	2.715e+05	1917.48	915.59	0.0	125.94	0.0	0.0	0.0	0.0	0.0
579.94	728.31	4.984e+05	3342.99	538.30	581.82	0.0	0.03	0.0	0.0	0.0	0.0	0.0
579.85	1122.95	4.996e+05	5155.03	257.24	603.46	0.0	12.18	0.0	0.0	0.0	0.0	0.0
579.79	91.16	4.996e+05	418.54	2324.65	1361.75	0.0	0.64	0.0	0.0	0.0	0.0	0.0
579.62	136.58	4.998e+05	627.25	767.24	999.36	0.0	27.04	0.0	0.0	0.0	0.0	0.0
579.52	47.65	4.998e+05	218.85	2861.17	1355.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.38	128.94	5.000e+05	592.38	733.16	1009.88	0.0	26.97	0.0	0.0	0.0	0.0	0.0
579.29	47.63	5.000e+05	218.86	2908.48	1354.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.14	113.96	5.001e+05	523.77	764.50	1033.23	0.0	26.96	0.0	0.0	0.0	0.0	0.0
579.05	47.61	5.002e+05	218.86	2955.78	1353.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.95	43.43	5.002e+05	199.69	1956.85	1366.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.81	47.59	5.003e+05	218.86	3003.08	1353.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.75	43.42	5.003e+05	199.69	1998.93	1365.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.54	90.97	5.004e+05	418.55	2568.82	1358.68	0.0	0.64	0.0	0.0	0.0	0.0	0.0
578.33	277.48	5.007e+05	1277.19	858.92	480.42	0.0	65.61	0.0	0.0	0.0	0.0	0.0
578.12	90.90	5.008e+05	418.54	2658.42	1357.55	0.0	0.64	0.0	0.0	0.0	0.0	0.0
577.87	88.98	5.008e+05	409.88	2692.90	1357.12	0.0	0.65	0.0	0.0	0.0	0.0	0.0
577.70	43.34	5.009e+05	199.68	2209.35	1363.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.63	441.82	5.013e+05	2036.01	3235.85	1350.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.49	41.41	5.014e+05	190.88	2251.43	1362.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.28	214.46	5.016e+05	988.88	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
576.62	775.31	5.024e+05	3579.11	1027.31	1377.81	0.0	8.25	0.0	0.0	0.0	0.0	0.0
576.42	91.59	5.025e+05	422.97	1073.07	1374.60	0.0	8.26	0.0	0.0	0.0	0.0	0.0
576.22	87.72	5.025e+05	405.21	1115.19	1376.92	0.0	8.25	0.0	0.0	0.0	0.0	0.0
576.01	87.68	5.026e+05	405.20	1157.27	1376.40	0.0	8.24	0.0	0.0	0.0	0.0	0.0
575.93	6848.39	5.095e+05	3.165e+04	2177.99	879.57	0.0	22.56	0.0	0.0	0.0	0.0	0.0
575.81	87.65	5.096e+05	405.18	1199.36	1375.87	0.0	8.23	0.0	0.0	0.0	0.0	0.0
575.61	87.61	5.097e+05	405.17	1241.44	1375.34	0.0	8.23	0.0	0.0	0.0	0.0	0.0
575.47	209.93	5.099e+05	971.06	2289.85	1442.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
575.41	87.58	5.100e+05	405.16	1283.52	1374.82	0.0	8.22	0.0	0.0	0.0	0.0	0.0
575.21	187.52	5.101e+05	867.74	1866.86	1367.90	0.0	8.74	0.0	0.0	0.0	0.0	0.0
575.00	183.50	5.103e+05	849.46	1901.48	1367.07	0.0	8.74	0.0	0.0	0.0	0.0	0.0
574.80	183.42	5.105e+05	849.42	1946.28	1366.51	0.0	8.73	0.0	0.0	0.0	0.0	0.0
574.60	183.34	5.107e+05	849.38	1991.07	1365.95	0.0	8.73	0.0	0.0	0.0	0.0	0.0
574.40	87.41	5.108e+05	405.07	1493.94	1372.18	0.0	8.17	0.0	0.0	0.0	0.0	0.0
574.33	95.86	5.109e+05	444.27	2530.06	1359.18	0.0	7.97	0.0	0.0	0.0	0.0	0.0
574.20	198.74	5.111e+05	921.31	1230.29	1058.14	0.0	34.76	0.0	0.0	0.0	0.0	0.0
574.10	95.81	5.112e+05	444.24	2577.36	1358.58	0.0	7.96	0.0	0.0	0.0	0.0	0.0
573.97	288.72	5.115e+05	1338.95	1074.04	990.02	0.0	34.62	0.0	0.0	0.0	0.0	0.0
573.87	95.77	5.116e+05	444.22	2624.66	1357.99	0.0	7.95	0.0	0.0	0.0	0.0	0.0
573.79	87.30	5.116e+05	405.01	1620.19	1370.60	0.0	8.15	0.0	0.0	0.0	0.0	0.0
573.74	188.72	5.118e+05	875.59	738.45	823.84	0.0	6.26	0.0	0.0	0.0	0.0	0.0
573.64	95.72	5.119e+05	444.19	2671.97	1357.39	0.0	7.94	0.0	0.0	0.0	0.0	0.0
573.59	87.27	5.120e+05	404.99	1662.27	1370.07	0.0	8.14	0.0	0.0	0.0	0.0	0.0
573.51	188.64	5.122e+05	875.54	621.50	824.68	0.0	6.25	0.0	0.0	0.0	0.0	0.0
573.41	4548.79	5.167e+05	2.112e+04	3414.67	408.07	0.0	83.15	0.0	0.0	0.0	0.0	0.0
573.28	2062.38	5.188e+05	9575.78	3229.58	1372.04	0.0	44.30	0.0	0.0	0.0	0.0	0.0
573.18	4295.27	5.231e+05	1.995e+04	1229.60	409.92	0.0	62.00	0.0	0.0	0.0	0.0	0.0
573.05	188.46	5.233e+05	875.42	387.59	826.37	0.0	6.24	0.0	0.0	0.0	0.0	0.0
572.98	182.75	5.235e+05	849.02	2324.84	1361.75	0.0	8.66	0.0	0.0	0.0	0.0	0.0
572.90	3027.15	5.265e+05	1.407e+04	2852.25	-163.59	0.0	112.40	0.0	0.0	0.0	0.0	0.0
572.81	275.50	5.268e+05	1280.25	763.97	998.22	0.0	34.21	0.0	0.0	0.0	0.0	0.0
572.73	95.55	5.269e+05	444.07	2861.17	1355.00	0.0	7.90	0.0	0.0	0.0	0.0	0.0
572.58	260.01	5.271e+05	1208.78	729.43	1008.00	0.0	34.13	0.0	0.0	0.0	0.0	0.0
572.50	95.50	5.272e+05	444.04	2908.48	1354.40	0.0	7.89	0.0	0.0	0.0	0.0	0.0
572.35	218.36	5.274e+05	1015.52	796.64	1039.67	0.0	34.11	0.0	0.0	0.0	0.0	0.0
572.27	95.45	5.275e+05	444.00	2955.78	1353.80	0.0	7.88	0.0	0.0	0.0	0.0	0.0
572.18	87.02	5.276e+05	404.81	1956.85	1366.39	0.0	8.08	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
572.04	95.41	5.277e+05	443.97	3003.08	1353.20	0.0	7.87	0.0	0.0	0.0	0.0	0.0
571.97	86.98	5.278e+05	404.78	1998.93	1365.86	0.0	8.07	0.0	0.0	0.0	0.0	0.0
571.81	182.30	5.280e+05	848.69	2569.01	1358.68	0.0	8.60	0.0	0.0	0.0	0.0	0.0
571.57	182.22	5.282e+05	848.62	2613.81	1358.11	0.0	8.59	0.0	0.0	0.0	0.0	0.0
571.37	182.14	5.284e+05	848.55	2658.61	1357.55	0.0	8.59	0.0	0.0	0.0	0.0	0.0
571.12	178.29	5.285e+05	830.93	2693.08	1357.01	0.0	8.58	0.0	0.0	0.0	0.0	0.0
570.96	86.79	5.286e+05	404.63	2209.35	1363.23	0.0	8.03	0.0	0.0	0.0	0.0	0.0
570.89	699.52	5.293e+05	3261.63	3235.85	1350.16	0.0	7.82	0.0	0.0	0.0	0.0	0.0
570.76	83.05	5.294e+05	387.33	2251.42	1361.87	0.0	8.02	0.0	0.0	0.0	0.0	0.0
570.56	210.78	5.296e+05	983.35	2289.76	1282.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
563.18	6220.52	5.358e+05	2.940e+04	2191.90	871.56	0.0	22.90	0.0	0.0	0.0	0.0	0.0
556.28	684.78	5.365e+05	3276.74	1027.42	1379.96	0.0	15.94	0.0	0.0	0.0	0.0	0.0
556.10	91.70	5.366e+05	438.91	1072.97	1366.80	0.0	15.96	0.0	0.0	0.0	0.0	0.0
555.92	87.80	5.367e+05	420.40	1115.19	1376.92	0.0	15.94	0.0	0.0	0.0	0.0	0.0
555.74	87.75	5.368e+05	420.31	1157.27	1376.40	0.0	15.92	0.0	0.0	0.0	0.0	0.0
555.56	87.70	5.369e+05	420.22	1199.36	1375.87	0.0	15.91	0.0	0.0	0.0	0.0	0.0
555.38	87.66	5.370e+05	420.13	1241.44	1375.34	0.0	15.89	0.0	0.0	0.0	0.0	0.0
555.20	87.61	5.371e+05	420.03	1283.52	1374.82	0.0	15.87	0.0	0.0	0.0	0.0	0.0
555.02	187.79	5.372e+05	900.59	1867.48	1369.08	0.0	16.29	0.0	0.0	0.0	0.0	0.0
554.84	183.72	5.374e+05	881.42	1902.08	1367.07	0.0	16.28	0.0	0.0	0.0	0.0	0.0
554.65	183.62	5.376e+05	881.21	1946.88	1366.50	0.0	16.27	0.0	0.0	0.0	0.0	0.0
554.47	183.51	5.378e+05	881.00	1991.67	1365.94	0.0	16.25	0.0	0.0	0.0	0.0	0.0
554.29	87.37	5.379e+05	419.56	1493.94	1372.18	0.0	15.79	0.0	0.0	0.0	0.0	0.0
554.23	96.03	5.380e+05	461.22	2530.06	1359.18	0.0	15.39	0.0	0.0	0.0	0.0	0.0
554.12	160.52	5.381e+05	771.12	1292.21	1175.27	0.0	29.42	0.0	0.0	0.0	0.0	0.0
554.02	95.97	5.382e+05	461.10	2577.36	1358.58	0.0	15.37	0.0	0.0	0.0	0.0	0.0
553.91	305.07	5.385e+05	1466.04	1062.14	979.70	0.0	41.34	0.0	0.0	0.0	0.0	0.0
553.82	95.91	5.386e+05	460.98	2624.66	1357.99	0.0	15.35	0.0	0.0	0.0	0.0	0.0
553.70	281.44	5.389e+05	1352.98	1011.71	993.28	0.0	41.26	0.0	0.0	0.0	0.0	0.0
553.61	183.02	5.391e+05	880.03	2191.05	1363.43	0.0	16.16	0.0	0.0	0.0	0.0	0.0
553.49	194.10	5.393e+05	933.46	621.50	824.68	0.0	12.08	0.0	0.0	0.0	0.0	0.0
553.41	182.91	5.395e+05	879.80	2235.85	1362.87	0.0	16.15	0.0	0.0	0.0	0.0	0.0
553.29	193.97	5.397e+05	933.20	504.54	825.52	0.0	12.07	0.0	0.0	0.0	0.0	0.0
553.20	4286.12	5.440e+05	2.062e+04	1107.84	400.89	0.0	69.21	0.0	0.0	0.0	0.0	0.0
553.08	193.85	5.441e+05	932.95	387.59	826.37	0.0	12.05	0.0	0.0	0.0	0.0	0.0
553.02	3390.86	5.475e+05	1.632e+04	3474.35	630.90	0.0	67.35	0.0	0.0	0.0	0.0	0.0
552.97	1396.06	5.489e+05	6720.27	3549.67	-53.67	0.0	16.80	0.0	0.0	0.0	0.0	0.0
552.87	280.69	5.492e+05	1351.46	754.00	994.76	0.0	40.89	0.0	0.0	0.0	0.0	0.0
552.79	95.60	5.493e+05	460.36	2861.17	1355.00	0.0	15.26	0.0	0.0	0.0	0.0	0.0
552.74	2118.46	5.514e+05	1.020e+04	3541.50	1417.59	0.0	26.68	0.0	0.0	0.0	0.0	0.0
552.67	264.74	5.517e+05	1275.12	718.07	1002.48	0.0	40.80	0.0	0.0	0.0	0.0	0.0
552.59	95.54	5.518e+05	460.23	2908.48	1354.40	0.0	15.24	0.0	0.0	0.0	0.0	0.0
552.46	465.01	5.523e+05	2240.51	402.99	928.02	0.0	40.76	0.0	0.0	0.0	0.0	0.0
552.38	95.48	5.524e+05	460.10	2955.78	1353.80	0.0	15.23	0.0	0.0	0.0	0.0	0.0
552.30	86.82	5.524e+05	418.46	1956.85	1366.39	0.0	15.61	0.0	0.0	0.0	0.0	0.0
552.18	95.42	5.525e+05	459.97	3003.08	1353.20	0.0	15.21	0.0	0.0	0.0	0.0	0.0
552.12	86.77	5.526e+05	418.36	1998.93	1365.86	0.0	15.59	0.0	0.0	0.0	0.0	0.0
551.97	182.08	5.528e+05	878.09	2569.62	1358.67	0.0	16.02	0.0	0.0	0.0	0.0	0.0
551.76	181.96	5.530e+05	877.85	2614.41	1358.10	0.0	16.01	0.0	0.0	0.0	0.0	0.0
551.58	181.85	5.532e+05	877.61	2659.21	1357.54	0.0	15.99	0.0	0.0	0.0	0.0	0.0
551.36	177.97	5.533e+05	859.20	2693.68	1356.73	0.0	15.98	0.0	0.0	0.0	0.0	0.0
551.28	2459.37	5.558e+05	1.188e+04	3524.92	-573.41	0.0	27.23	0.0	0.0	0.0	0.0	0.0
551.22	1509.24	5.573e+05	7288.20	631.50	1382.00	0.0	15.51	0.0	0.0	0.0	0.0	0.0
551.15	618.81	5.579e+05	2988.62	3235.84	1349.68	0.0	15.12	0.0	0.0	0.0	0.0	0.0
551.03	82.71	5.580e+05	399.56	2251.39	1359.27	0.0	15.50	0.0	0.0	0.0	0.0	0.0
550.85	182.12	5.582e+05	880.05	2289.81	1362.02	0.0	15.48	0.0	0.0	0.0	0.0	0.0
539.70	4064.09	5.623e+05	2.004e+04	2170.37	863.36	0.0	23.24	0.0	0.0	0.0	0.0	0.0
526.52	169.21	5.624e+05	855.48	2534.19	1051.81	0.0	0.06	0.0	0.0	0.0	0.0	0.0
523.94	328.97	5.628e+05	1671.37	1028.81	1408.03	0.0	22.55	0.0	0.0	0.0	0.0	0.0
523.79	90.11	5.628e+05	457.94	1072.84	1356.13	0.0	22.56	0.0	0.0	0.0	0.0	0.0
523.64	86.26	5.629e+05	438.51	1115.19	1376.92	0.0	22.54	0.0	0.0	0.0	0.0	0.0
523.49	86.20	5.630e+05	438.32	1157.27	1376.40	0.0	22.52	0.0	0.0	0.0	0.0	0.0
523.34	86.14	5.631e+05	438.12	1199.36	1375.87	0.0	22.49	0.0	0.0	0.0	0.0	0.0
523.20	86.07	5.632e+05	437.92	1241.44	1375.34	0.0	22.47	0.0	0.0	0.0	0.0	0.0
523.05	86.01	5.633e+05	437.72	1283.52	1374.82	0.0	22.45	0.0	0.0	0.0	0.0	0.0
522.90	184.59	5.635e+05	939.65	1868.18	1370.59	0.0	22.78	0.0	0.0	0.0	0.0	0.0
522.75	180.72	5.636e+05	920.21	1903.19	1367.05	0.0	22.76	0.0	0.0	0.0	0.0	0.0
522.60	180.57	5.638e+05	919.76	1947.98	1366.49	0.0	22.74	0.0	0.0	0.0	0.0	0.0
522.46	180.43	5.640e+05	919.31	1992.78	1365.92	0.0	22.72	0.0	0.0	0.0	0.0	0.0
522.31	85.69	5.641e+05	436.72	1493.94	1372.18	0.0	22.33	0.0	0.0	0.0	0.0	0.0
522.26	94.59	5.642e+05	482.14	2530.06	1359.18	0.0	21.76	0.0	0.0	0.0	0.0	0.0
522.16	161.84	5.643e+05	825.05	1286.26	1192.36	0.0	30.19	0.0	0.0	0.0	0.0	0.0
522.09	94.51	5.644e+05	481.88	2577.36	1358.58	0.0	21.74	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
522.00	287.30	5.647e+05	1465.06	1070.75	1001.73	0.0	47.11	0.0	0.0	0.0	0.0	0.0
521.92	94.44	5.648e+05	481.63	2624.66	1357.99	0.0	21.71	0.0	0.0	0.0	0.0	0.0
521.83	285.77	5.651e+05	1457.68	1002.27	987.43	0.0	47.02	0.0	0.0	0.0	0.0	0.0
521.76	179.79	5.653e+05	917.29	2192.16	1363.42	0.0	22.60	0.0	0.0	0.0	0.0	0.0
521.66	200.09	5.655e+05	1021.02	621.50	824.68	0.0	17.09	0.0	0.0	0.0	0.0	0.0
521.59	179.65	5.657e+05	916.83	2236.95	1362.85	0.0	22.58	0.0	0.0	0.0	0.0	0.0
521.49	199.92	5.659e+05	1020.47	504.54	825.52	0.0	17.07	0.0	0.0	0.0	0.0	0.0
521.42	4456.97	5.703e+05	2.275e+04	1030.36	394.95	0.0	75.39	0.0	0.0	0.0	0.0	0.0
521.32	284.99	5.706e+05	1455.22	806.62	988.52	0.0	46.71	0.0	0.0	0.0	0.0	0.0
521.25	94.11	5.707e+05	480.61	2813.87	1355.60	0.0	21.61	0.0	0.0	0.0	0.0	0.0
521.15	284.76	5.710e+05	1454.47	737.28	988.97	0.0	46.62	0.0	0.0	0.0	0.0	0.0
521.08	94.03	5.711e+05	480.35	2861.17	1355.00	0.0	21.58	0.0	0.0	0.0	0.0	0.0
520.98	268.29	5.714e+05	1370.81	699.00	993.74	0.0	46.53	0.0	0.0	0.0	0.0	0.0
520.92	93.95	5.714e+05	480.10	2908.48	1354.40	0.0	21.56	0.0	0.0	0.0	0.0	0.0
520.81	710.74	5.722e+05	3632.61	278.03	890.11	0.0	46.47	0.0	0.0	0.0	0.0	0.0
520.75	93.87	5.723e+05	479.84	2955.78	1353.80	0.0	21.53	0.0	0.0	0.0	0.0	0.0
520.68	84.99	5.723e+05	434.48	1956.85	1366.39	0.0	22.08	0.0	0.0	0.0	0.0	0.0
520.58	178.71	5.725e+05	913.85	2525.92	1359.22	0.0	22.41	0.0	0.0	0.0	0.0	0.0
520.41	178.57	5.727e+05	913.38	2570.72	1358.65	0.0	22.39	0.0	0.0	0.0	0.0	0.0
520.24	178.42	5.729e+05	912.91	2615.51	1358.09	0.0	22.37	0.0	0.0	0.0	0.0	0.0
520.08	178.28	5.731e+05	912.44	2660.31	1357.53	0.0	22.35	0.0	0.0	0.0	0.0	0.0
519.91	174.43	5.732e+05	893.05	2694.77	1356.33	0.0	22.33	0.0	0.0	0.0	0.0	0.0
519.79	84.60	5.733e+05	433.23	2209.35	1363.23	0.0	21.94	0.0	0.0	0.0	0.0	0.0
519.74	352.01	5.737e+05	1802.82	3235.63	1327.30	0.0	21.38	0.0	0.0	0.0	0.0	0.0
519.65	80.81	5.737e+05	413.95	2251.34	1355.65	0.0	21.91	0.0	0.0	0.0	0.0	0.0
519.50	1085.04	5.748e+05	5559.65	2289.81	1362.37	0.0	21.89	0.0	0.0	0.0	0.0	0.0
517.24	1506.87	5.763e+05	7754.86	3597.03	857.34	0.0	18.94	0.0	0.0	0.0	0.0	0.0
517.17	4296.08	5.806e+05	2.211e+04	3491.20	158.51	0.0	42.39	0.0	0.0	0.0	0.0	0.0
516.71	2722.43	5.834e+05	1.402e+04	3543.54	1463.45	0.0	26.73	3649.57	1589.77	0.571	0.963	0.827
516.54	100.80	5.835e+05	519.47	3238.34	1608.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.42	125.85	5.836e+05	648.70	2289.81	1362.24	0.0	26.43	0.0	0.0	0.0	0.0	0.0
516.35	116.16	5.837e+05	598.82	3247.46	-222.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.54	129.12	5.838e+05	666.69	3248.36	-270.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.27	393.18	5.842e+05	2031.16	3551.06	439.40	0.0	20.51	0.0	0.0	0.0	0.0	0.0
515.02	567.31	5.848e+05	2932.12	3573.36	1481.60	0.0	26.70	0.0	0.0	0.0	0.0	0.0
514.72	121.88	5.849e+05	630.32	3249.27	-317.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.90	2360.50	5.873e+05	1.223e+04	3543.99	-547.72	0.0	27.30	0.0	0.0	0.0	0.0	0.0
513.78	2536.41	5.898e+05	1.314e+04	535.54	1383.14	0.0	19.17	0.0	0.0	0.0	0.0	0.0
513.62	462.59	5.903e+05	2397.44	3570.39	-587.19	0.0	21.98	0.0	0.0	0.0	0.0	0.0
513.38	291.85	5.906e+05	1513.21	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.33	2.526e+04	6.158e+05	1.310e+05	1288.19	1161.81	0.0	125.94	252.49	1650.73	0.193	0.847	1.959
513.27	888.19	6.167e+05	4606.22	598.34	581.52	0.0	0.06	0.0	0.0	0.0	0.0	0.0
513.21	296.05	6.170e+05	1535.55	358.21	582.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.15	541.16	6.175e+05	2807.07	183.76	583.61	0.0	0.03	0.0	0.0	0.0	0.0	0.0
499.40	1.537e+04	6.329e+05	8.191e+04	2219.39	912.78	0.0	23.58	2522.03	662.24	0.138	0.118	2.731
481.78	1937.10	6.349e+05	1.070e+04	1027.16	1374.76	0.0	27.61	0.0	0.0	0.0	0.0	0.0
481.67	86.16	6.349e+05	476.15	1072.71	1345.43	0.0	27.64	0.0	0.0	0.0	0.0	0.0
481.57	82.46	6.350e+05	455.82	1115.19	1376.92	0.0	27.61	0.0	0.0	0.0	0.0	0.0
481.46	82.39	6.351e+05	455.51	1157.27	1376.40	0.0	27.58	0.0	0.0	0.0	0.0	0.0
481.36	82.32	6.352e+05	455.20	1199.36	1375.87	0.0	27.55	0.0	0.0	0.0	0.0	0.0
481.26	82.24	6.353e+05	454.90	1241.44	1375.34	0.0	27.52	0.0	0.0	0.0	0.0	0.0
481.15	82.17	6.353e+05	454.59	1283.52	1374.82	0.0	27.49	0.0	0.0	0.0	0.0	0.0
481.05	176.74	6.355e+05	977.97	1869.33	1372.05	0.0	27.76	0.0	0.0	0.0	0.0	0.0
480.94	173.18	6.357e+05	958.47	1904.83	1367.03	0.0	27.73	0.0	0.0	0.0	0.0	0.0
480.84	173.01	6.359e+05	957.77	1949.63	1366.47	0.0	27.71	0.0	0.0	0.0	0.0	0.0
480.73	172.84	6.360e+05	957.07	1994.43	1365.90	0.0	27.68	0.0	0.0	0.0	0.0	0.0
480.63	172.67	6.362e+05	956.37	2039.23	1365.34	0.0	27.65	0.0	0.0	0.0	0.0	0.0
480.52	192.96	6.364e+05	1068.89	1232.16	1174.24	0.0	30.78	0.0	0.0	0.0	0.0	0.0
480.47	90.78	6.365e+05	502.94	2577.36	1358.58	0.0	26.62	0.0	0.0	0.0	0.0	0.0
480.41	300.84	6.368e+05	1666.90	1051.52	967.63	0.0	51.54	0.0	0.0	0.0	0.0	0.0
480.35	90.69	6.369e+05	502.55	2624.66	1357.99	0.0	26.59	0.0	0.0	0.0	0.0	0.0
480.29	285.98	6.372e+05	1584.98	989.97	979.80	0.0	51.45	0.0	0.0	0.0	0.0	0.0
480.21	172.10	6.374e+05	953.94	2193.79	1363.40	0.0	27.53	0.0	0.0	0.0	0.0	0.0
480.12	376.13	6.377e+05	2085.21	1360.68	1070.68	0.0	51.31	0.0	0.0	0.0	0.0	0.0
480.00	7596.26	6.453e+05	4.213e+04	1201.46	390.06	0.0	80.14	569.47	418.54	0.232	1.318	0.119
479.93	375.36	6.457e+05	2082.00	1274.72	1071.09	0.0	51.12	0.0	0.0	0.0	0.0	0.0
479.81	374.98	6.461e+05	2080.39	1231.74	1071.30	0.0	51.03	0.0	0.0	0.0	0.0	0.0
479.69	358.08	6.464e+05	1987.11	1236.48	1076.51	0.0	50.93	0.0	0.0	0.0	0.0	0.0
479.57	1052.20	6.475e+05	5840.31	446.93	912.08	0.0	50.86	0.0	0.0	0.0	0.0	0.0
479.48	80.98	6.476e+05	449.59	1956.85	1366.39	0.0	27.04	0.0	0.0	0.0	0.0	0.0
479.41	170.85	6.477e+05	948.66	2527.55	1359.20	0.0	27.31	0.0	0.0	0.0	0.0	0.0
479.29	170.68	6.479e+05	947.94	2572.35	1358.63	0.0	27.28	0.0	0.0	0.0	0.0	0.0
479.16	170.51	6.481e+05	947.23	2617.15	1358.07	0.0	27.26	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
479.05	170.34	6.482e+05	946.52	2661.94	1357.51	0.0	27.23	0.0	0.0	0.0	0.0	0.0
478.95	160.15	6.484e+05	890.09	2676.34	1356.34	0.0	27.20	0.0	0.0	0.0	0.0	0.0
478.81	2402.88	6.508e+05	1.336e+04	3201.28	1334.22	0.0	27.17	0.0	0.0	0.0	0.0	0.0
478.75	76.88	6.509e+05	427.47	2251.30	1351.97	0.0	26.84	0.0	0.0	0.0	0.0	0.0
478.64	208.02	6.511e+05	1156.84	2289.81	1360.76	0.0	26.81	0.0	0.0	0.0	0.0	0.0
462.39	1627.40	6.527e+05	9368.55	3630.85	857.10	0.0	18.98	3687.59	699.09	0.0	1.0979e+06	8.1083e+06
462.31	6271.17	6.590e+05	3.611e+04	3460.16	205.64	0.0	42.39	0.0	0.0	0.0	0.0	0.0
461.73	3617.47	6.626e+05	2.085e+04	3563.64	1475.77	0.0	26.78	0.0	0.0	0.0	0.0	0.0
460.33	114.89	6.627e+05	664.36	3248.21	-262.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
458.36	5293.80	6.680e+05	3.074e+04	3476.90	-600.10	0.0	27.36	3495.72	-738.62	1.133	0.080	0.336
458.21	4225.64	6.722e+05	2.455e+04	549.67	1383.47	0.0	25.56	0.0	0.0	0.0	0.0	0.0
446.72	275.61	6.725e+05	1642.29	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
446.67	2.301e+04	6.955e+05	1.371e+05	1222.65	1163.21	0.0	125.94	226.23	1648.25	0.196	0.817	1.912
446.57	851.77	6.964e+05	5077.09	478.27	582.12	0.0	0.06	0.0	0.0	0.0	0.0	0.0
446.51	518.96	6.969e+05	3093.85	183.76	583.61	0.0	0.03	0.0	0.0	0.0	0.0	0.0
432.68	1538.48	6.984e+05	9464.76	1027.43	1380.34	0.0	30.80	0.0	0.0	0.0	0.0	0.0
432.63	81.38	6.985e+05	500.69	1072.61	1337.54	0.0	30.82	0.0	0.0	0.0	0.0	0.0
432.58	77.87	6.986e+05	479.17	1115.19	1376.92	0.0	30.79	0.0	0.0	0.0	0.0	0.0
432.52	77.79	6.987e+05	478.75	1157.27	1376.40	0.0	30.76	0.0	0.0	0.0	0.0	0.0
432.47	77.71	6.988e+05	478.33	1199.36	1375.87	0.0	30.73	0.0	0.0	0.0	0.0	0.0
432.38	239.09	6.990e+05	1471.89	1623.01	1475.48	0.0	30.71	0.0	0.0	0.0	0.0	0.0
432.31	252.02	6.992e+05	1551.85	2011.69	1453.24	0.0	30.89	0.0	0.0	0.0	0.0	0.0
432.25	164.03	6.994e+05	1010.13	1906.62	1367.01	0.0	30.86	0.0	0.0	0.0	0.0	0.0
432.20	254.76	6.997e+05	1569.11	2072.21	1436.06	0.0	30.83	0.0	0.0	0.0	0.0	0.0
432.14	163.68	6.998e+05	1008.22	1996.23	1365.88	0.0	30.80	0.0	0.0	0.0	0.0	0.0
432.09	265.63	7.001e+05	1636.47	2136.71	1421.59	0.0	30.77	0.0	0.0	0.0	0.0	0.0
432.03	77.09	7.002e+05	474.98	1536.02	1371.66	0.0	30.47	0.0	0.0	0.0	0.0	0.0
431.97	608.65	7.008e+05	3750.59	1681.98	1163.84	0.0	54.33	0.0	0.0	0.0	0.0	0.0
431.89	366.17	7.011e+05	2256.72	1378.00	1061.67	0.0	54.23	0.0	0.0	0.0	0.0	0.0
431.82	545.05	7.017e+05	3359.67	1565.05	1170.72	0.0	54.13	0.0	0.0	0.0	0.0	0.0
431.76	7641.46	7.093e+05	4.711e+04	1200.05	417.14	0.0	83.13	23.84	419.72	0.037	11.022	0.067
431.66	442.06	7.098e+05	2725.91	1295.93	1115.15	0.0	53.84	0.0	0.0	0.0	0.0	0.0
431.60	535.76	7.103e+05	3304.20	1678.79	1160.22	0.0	53.70	0.0	0.0	0.0	0.0	0.0
431.54	1187.65	7.115e+05	7325.79	383.77	897.89	0.0	53.61	0.0	0.0	0.0	0.0	0.0
431.46	340.01	7.118e+05	2097.59	2328.88	1331.76	0.0	30.43	0.0	0.0	0.0	0.0	0.0
431.40	263.51	7.121e+05	1626.01	2463.92	1302.05	0.0	30.36	0.0	0.0	0.0	0.0	0.0
431.33	161.23	7.123e+05	994.98	2618.92	1358.05	0.0	30.33	0.0	0.0	0.0	0.0	0.0
431.27	251.81	7.125e+05	1554.18	2528.92	1287.32	0.0	30.30	0.0	0.0	0.0	0.0	0.0
431.22	75.92	7.126e+05	468.66	2167.26	1363.75	0.0	30.00	0.0	0.0	0.0	0.0	0.0
431.17	255.23	7.128e+05	1575.65	2601.30	1274.62	0.0	30.22	0.0	0.0	0.0	0.0	0.0
431.11	72.44	7.129e+05	447.27	2251.27	1349.53	0.0	29.94	0.0	0.0	0.0	0.0	0.0
431.06	83.87	7.130e+05	517.89	2289.64	1063.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.05	367.86	7.134e+05	2576.52	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.00	6.758e+04	7.809e+05	4.734e+05	1991.22	876.40	0.0	125.94	2872.84	1561.62	0.765	0.590	0.692
379.94	399.29	7.813e+05	2797.43	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
379.88	1189.00	7.825e+05	8331.60	356.32	582.74	0.0	0.06	0.0	0.0	0.0	0.0	0.0
379.82	348.05	7.829e+05	2439.23	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285.00	4.354e+04	8.264e+05	4.066e+05	1917.36	858.79	0.0	125.94	2796.69	1404.16	0.580	0.534	0.726
190.00	2.689e+04	8.533e+05	3.767e+05	1907.63	868.16	0.0	125.94	2798.13	1430.45	0.594	0.546	0.731
95.00	1.303e+04	8.663e+05	3.652e+05	1918.31	865.90	0.0	125.94	2798.13	1430.45	0.594	0.539	0.734
Risulta	8.663e+05		4.504e+06									

CDC	Tipo	Sigla Id	Note
11	Esk	CDC=Es (statico SLD) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.000
			categoria suolo: C
			fattore di sito S = 1.500
			ordinata spettro (tratto Tb-Tc) = 0.226 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.273 sec.
			coefficiente Lambda: 0.850
			ordinata spettro Se(T1): 0.226

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	daN	daN	cm	cm	cm	cm	cm	cm			
963.56	260.91	260.91	720.78	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
960.00	9.474e+04	9.500e+04	2.627e+05	2044.47	905.00	185.71	0.0	2809.58	1527.86	0.700	0.490	0.687
959.94	1098.26	9.610e+04	3045.49	538.31	581.82	6.00	0.0	0.0	0.0	0.0	0.0	0.0
959.88	782.57	9.688e+04	2170.22	304.25	583.00	6.00	0.0	0.0	0.0	0.0	0.0	0.0
959.82	292.52	9.717e+04	811.26	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
957.28	140.68	9.732e+04	391.20	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
868.56	470.38	9.779e+04	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.00	1.212e+05	2.189e+05	3.728e+05	2075.30	906.30	185.71	0.0	3067.78	1528.04	0.589	0.722	0.815
864.94	1267.55	2.202e+05	3900.98	538.31	581.82	6.00	0.0	0.0	0.0	0.0	0.0	0.0
864.85	1792.11	2.220e+05	5515.85	245.45	583.30	12.01	0.0	0.0	0.0	0.0	0.0	0.0
864.57	341.23	2.223e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.15	342.58	2.227e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.72	344.69	2.230e+05	1062.30	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
862.28	253.45	2.233e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.18	415.53	2.237e+05	1288.87	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
773.56	418.93	2.241e+05	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
770.00	1.078e+05	3.320e+05	3.728e+05	2075.33	906.32	185.71	0.0	3067.37	1528.03	0.589	0.722	0.815
769.94	1128.32	3.331e+05	3900.98	538.31	581.82	6.00	0.0	0.0	0.0	0.0	0.0	0.0
769.85	1595.26	3.347e+05	5515.85	245.45	583.30	12.01	0.0	0.0	0.0	0.0	0.0	0.0
769.15	303.56	3.350e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.30	304.58	3.353e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.44	304.92	3.356e+05	1057.61	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.28	225.52	3.358e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
763.18	359.87	3.362e+05	1255.16	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
678.56	382.08	3.366e+05	1498.83	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.05	497.38	3.371e+05	1961.28	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.00	9.562e+04	4.327e+05	3.771e+05	2092.12	901.20	185.71	0.0	0.0	0.0	0.0	0.0	0.0
674.94	494.56	4.332e+05	1950.49	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
674.88	1483.55	4.347e+05	5851.47	358.21	582.73	12.01	0.0	0.0	0.0	0.0	0.0	0.0
674.82	409.39	4.351e+05	1614.87	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.72	268.64	4.353e+05	1061.38	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.44	322.24	4.357e+05	1275.60	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.28	206.89	4.359e+05	819.16	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
671.17	305.22	4.362e+05	1210.53	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
668.18	323.92	4.365e+05	1290.41	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.56	505.95	4.370e+05	2307.88	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.35	45.48	4.370e+05	207.55	1073.11	1377.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.14	43.52	4.371e+05	198.64	1115.19	1376.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.93	43.46	4.371e+05	198.43	1157.27	1376.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.72	43.40	4.372e+05	198.23	1199.36	1375.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.51	43.33	4.372e+05	198.03	1241.44	1375.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.30	43.27	4.373e+05	197.82	1283.52	1374.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.09	92.54	4.374e+05	423.15	1866.74	1367.51	50.76	0.0	0.0	0.0	0.0	0.0	0.0
581.88	90.45	4.374e+05	413.78	1901.30	1367.08	51.02	0.0	0.0	0.0	0.0	0.0	0.0
581.67	90.32	4.375e+05	413.32	1946.07	1366.51	51.28	0.0	0.0	0.0	0.0	0.0	0.0
581.46	90.18	4.376e+05	412.86	1990.83	1365.95	51.55	0.0	0.0	0.0	0.0	0.0	0.0
581.26	42.97	4.377e+05	196.80	1493.94	1372.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.18	47.07	4.377e+05	215.61	2530.06	1359.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.05	91.14	4.378e+05	417.54	1247.68	1080.03	27.24	0.0	0.0	0.0	0.0	0.0	0.0
580.95	47.00	4.379e+05	215.35	2577.36	1358.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.81	142.33	4.380e+05	652.28	1073.00	988.03	36.13	0.0	0.0	0.0	0.0	0.0	0.0
580.71	46.93	4.380e+05	215.10	2624.66	1357.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.63	42.79	4.381e+05	196.18	1620.19	1370.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.57	91.59	4.382e+05	419.94	738.45	823.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.47	46.85	4.382e+05	214.84	2671.97	1357.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.42	42.73	4.383e+05	195.98	1662.27	1370.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.33	91.44	4.384e+05	419.44	621.50	824.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.24	89.45	4.385e+05	410.37	2235.09	1362.88	50.75	0.0	0.0	0.0	0.0	0.0	0.0
580.09	91.30	4.385e+05	418.94	504.54	825.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.00	5.916e+04	4.977e+05	2.715e+05	1917.48	915.59	185.71	0.0	0.0	0.0	0.0	0.0	0.0
579.94	728.31	4.984e+05	3342.99	538.30	581.82	6.00	0.0	0.0	0.0	0.0	0.0	0.0
579.85	1122.95	4.996e+05	5155.03	257.24	603.46	13.48	0.0	0.0	0.0	0.0	0.0	0.0
579.79	91.16	4.996e+05	418.54	2324.65	1361.75	51.27	0.0	0.0	0.0	0.0	0.0	0.0
579.62	136.58	4.998e+05	627.25	767.24	999.36	78.00	0.0	0.0	0.0	0.0	0.0	0.0
579.52	47.65	4.998e+05	218.85	2861.17	1355.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.38	128.94	5.000e+05	592.38	733.16	1009.88	85.95	0.0	0.0	0.0	0.0	0.0	0.0
579.29	47.63	5.000e+05	218.86	2908.48	1354.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.14	113.96	5.001e+05	523.77	764.50	1033.23	92.95	0.0	0.0	0.0	0.0	0.0	0.0
579.05	47.61	5.002e+05	218.86	2955.78	1353.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.95	43.43	5.002e+05	199.69	1956.85	1366.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.81	47.59	5.003e+05	218.86	3003.08	1353.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.75	43.42	5.003e+05	199.69	1998.93	1365.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
578.54	90.97	5.004e+05	418.55	2568.82	1358.68	50.47	0.0	0.0	0.0	0.0	0.0	0.0
578.33	277.48	5.007e+05	1277.19	858.92	480.42	154.71	0.0	0.0	0.0	0.0	0.0	0.0
578.12	90.90	5.008e+05	418.54	2658.42	1357.55	50.99	0.0	0.0	0.0	0.0	0.0	0.0
577.87	88.98	5.008e+05	409.88	2692.90	1357.12	51.25	0.0	0.0	0.0	0.0	0.0	0.0
577.70	43.34	5.009e+05	199.68	2209.35	1363.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.63	441.82	5.013e+05	2036.01	3235.85	1350.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.49	41.41	5.014e+05	190.88	2251.43	1362.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.28	214.46	5.016e+05	988.88	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
576.62	775.31	5.024e+05	3579.11	1027.31	1377.81	0.41	0.0	0.0	0.0	0.0	0.0	0.0
576.42	91.59	5.025e+05	422.97	1073.07	1374.60	0.10	0.0	0.0	0.0	0.0	0.0	0.0
576.22	87.72	5.025e+05	405.21	1115.19	1376.92	0.10	0.0	0.0	0.0	0.0	0.0	0.0
576.01	87.68	5.026e+05	405.20	1157.27	1376.40	0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.93	6848.39	5.095e+05	3.165e+04	2177.99	879.57	109.91	0.0	0.0	0.0	0.0	0.0	0.0
575.81	87.65	5.096e+05	405.18	1199.36	1375.87	0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.61	87.61	5.097e+05	405.17	1241.44	1375.34	0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.47	209.93	5.099e+05	971.06	2289.85	1442.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
575.41	87.58	5.100e+05	405.16	1283.52	1374.82	0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.21	187.52	5.101e+05	867.74	1866.86	1367.90	50.86	0.0	0.0	0.0	0.0	0.0	0.0
575.00	183.50	5.103e+05	849.46	1901.48	1367.07	51.13	0.0	0.0	0.0	0.0	0.0	0.0
574.80	183.42	5.105e+05	849.42	1946.28	1366.51	51.39	0.0	0.0	0.0	0.0	0.0	0.0
574.60	183.34	5.107e+05	849.38	1991.07	1365.95	51.65	0.0	0.0	0.0	0.0	0.0	0.0
574.40	87.41	5.108e+05	405.07	1493.94	1372.18	0.10	0.0	0.0	0.0	0.0	0.0	0.0
574.33	95.86	5.109e+05	444.27	2530.06	1359.18	0.10	0.0	0.0	0.0	0.0	0.0	0.0
574.20	198.74	5.111e+05	921.31	1230.29	1058.14	27.56	0.0	0.0	0.0	0.0	0.0	0.0
574.10	95.81	5.112e+05	444.24	2577.36	1358.58	0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.97	288.72	5.115e+05	1338.95	1074.04	990.02	36.21	0.0	0.0	0.0	0.0	0.0	0.0
573.87	95.77	5.116e+05	444.22	2624.66	1357.99	0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.79	87.30	5.116e+05	405.01	1620.19	1370.60	0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.74	188.72	5.118e+05	875.59	738.45	823.84	0.05	0.0	0.0	0.0	0.0	0.0	0.0
573.64	95.72	5.119e+05	444.19	2671.97	1357.39	0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.59	87.27	5.120e+05	404.99	1662.27	1370.07	0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.51	188.64	5.122e+05	875.54	621.50	824.68	0.05	0.0	0.0	0.0	0.0	0.0	0.0
573.41	4548.79	5.167e+05	2.112e+04	3414.67	408.07	99.92	0.0	0.0	0.0	0.0	0.0	0.0
573.28	2062.38	5.188e+05	9575.78	3229.58	1372.04	158.65	0.0	0.0	0.0	0.0	0.0	0.0
573.18	4295.27	5.231e+05	1.995e+04	1229.60	409.92	151.96	0.0	0.0	0.0	0.0	0.0	0.0
573.05	188.46	5.233e+05	875.42	387.59	826.37	0.04	0.0	0.0	0.0	0.0	0.0	0.0
572.98	182.75	5.235e+05	849.02	2324.84	1361.75	51.37	0.0	0.0	0.0	0.0	0.0	0.0
572.90	3027.15	5.265e+05	1.407e+04	2852.25	-163.59	163.38	0.0	0.0	0.0	0.0	0.0	0.0
572.81	275.50	5.268e+05	1280.25	763.97	998.22	78.07	0.0	0.0	0.0	0.0	0.0	0.0
572.73	95.55	5.269e+05	444.07	2861.17	1355.00	0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.58	260.01	5.271e+05	1208.78	729.43	1008.00	86.02	0.0	0.0	0.0	0.0	0.0	0.0
572.50	95.50	5.272e+05	444.04	2908.48	1354.40	0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.35	218.36	5.274e+05	1015.52	796.64	1039.67	93.21	0.0	0.0	0.0	0.0	0.0	0.0
572.27	95.45	5.275e+05	444.00	2955.78	1353.80	0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.18	87.02	5.276e+05	404.81	1956.85	1366.39	0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.04	95.41	5.277e+05	443.97	3003.08	1353.20	0.10	0.0	0.0	0.0	0.0	0.0	0.0
571.97	86.98	5.278e+05	404.78	1998.93	1365.86	0.10	0.0	0.0	0.0	0.0	0.0	0.0
571.81	182.30	5.280e+05	848.69	2569.01	1358.68	50.57	0.0	0.0	0.0	0.0	0.0	0.0
571.57	182.22	5.282e+05	848.62	2613.81	1358.11	50.83	0.0	0.0	0.0	0.0	0.0	0.0
571.37	182.14	5.284e+05	848.55	2658.61	1357.55	51.09	0.0	0.0	0.0	0.0	0.0	0.0
571.12	178.29	5.285e+05	830.93	2693.08	1357.01	51.35	0.0	0.0	0.0	0.0	0.0	0.0
570.96	86.79	5.286e+05	404.63	2209.35	1363.23	0.10	0.0	0.0	0.0	0.0	0.0	0.0
570.89	699.52	5.293e+05	3261.63	3235.85	1350.16	0.08	0.0	0.0	0.0	0.0	0.0	0.0
570.76	83.05	5.294e+05	387.33	2251.42	1361.87	0.10	0.0	0.0	0.0	0.0	0.0	0.0
570.56	210.78	5.296e+05	983.35	2289.76	1282.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
563.18	6220.52	5.358e+05	2.940e+04	2191.90	871.56	109.92	0.0	0.0	0.0	0.0	0.0	0.0
556.28	684.78	5.365e+05	3276.74	1027.42	1379.96	0.79	0.0	0.0	0.0	0.0	0.0	0.0
556.10	91.70	5.366e+05	438.91	1072.97	1366.80	0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.92	87.80	5.367e+05	420.40	1115.19	1376.92	0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.74	87.75	5.368e+05	420.31	1157.27	1376.40	0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.56	87.70	5.369e+05	420.22	1199.36	1375.87	0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.38	87.66	5.370e+05	420.13	1241.44	1375.34	0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.20	87.61	5.371e+05	420.03	1283.52	1374.82	0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.02	187.79	5.372e+05	900.59	1867.48	1369.08	50.96	0.0	0.0	0.0	0.0	0.0	0.0
554.84	183.72	5.374e+05	881.42	1902.08	1367.07	51.22	0.0	0.0	0.0	0.0	0.0	0.0
554.65	183.62	5.376e+05	881.21	1946.88	1366.50	51.48	0.0	0.0	0.0	0.0	0.0	0.0
554.47	183.51	5.378e+05	881.00	1991.67	1365.94	51.74	0.0	0.0	0.0	0.0	0.0	0.0
554.29	87.37	5.379e+05	419.56	1493.94	1372.18	0.20	0.0	0.0	0.0	0.0	0.0	0.0
554.23	96.03	5.380e+05	461.22	2530.06	1359.18	0.19	0.0	0.0	0.0	0.0	0.0	0.0
554.12	160.52	5.381e+05	771.12	1292.21	1175.27	26.83	0.0	0.0	0.0	0.0	0.0	0.0
554.02	95.97	5.382e+05	461.10	2577.36	1358.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0
553.91	305.07	5.385e+05	1466.04	1062.14	979.70	36.28	0.0	0.0	0.0	0.0	0.0	0.0
553.82	95.91	5.386e+05	460.98	2624.66	1357.99	0.19	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
553.70	281.44	5.389e+05	1352.98	1011.71	993.28	44.23	0.0	0.0	0.0	0.0	0.0	0.0
553.61	183.02	5.391e+05	880.03	2191.05	1363.43	50.68	0.0	0.0	0.0	0.0	0.0	0.0
553.49	194.10	5.393e+05	933.46	621.50	824.68	0.09	0.0	0.0	0.0	0.0	0.0	0.0
553.41	182.91	5.395e+05	879.80	2235.85	1362.87	50.94	0.0	0.0	0.0	0.0	0.0	0.0
553.29	193.97	5.397e+05	933.20	504.54	825.52	0.09	0.0	0.0	0.0	0.0	0.0	0.0
553.20	4286.12	5.440e+05	2.062e+04	1107.84	400.89	154.98	0.0	0.0	0.0	0.0	0.0	0.0
553.08	193.85	5.441e+05	932.95	387.59	826.37	0.09	0.0	0.0	0.0	0.0	0.0	0.0
553.02	3390.86	5.475e+05	1.632e+04	3474.35	630.90	95.43	0.0	0.0	0.0	0.0	0.0	0.0
552.97	1396.06	5.489e+05	6720.27	3549.67	-53.67	22.98	0.0	0.0	0.0	0.0	0.0	0.0
552.87	280.69	5.492e+05	1351.46	754.00	994.76	78.14	0.0	0.0	0.0	0.0	0.0	0.0
552.79	95.60	5.493e+05	460.36	2861.17	1355.00	0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.74	2118.46	5.514e+05	1.020e+04	3541.50	1417.59	20.01	0.0	0.0	0.0	0.0	0.0	0.0
552.67	264.74	5.517e+05	1275.12	718.07	1002.48	86.09	0.0	0.0	0.0	0.0	0.0	0.0
552.59	95.54	5.518e+05	460.23	2908.48	1354.40	0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.46	465.01	5.523e+05	2240.51	402.99	928.02	93.45	0.0	0.0	0.0	0.0	0.0	0.0
552.38	95.48	5.524e+05	460.10	2955.78	1353.80	0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.30	86.82	5.524e+05	418.46	1956.85	1366.39	0.20	0.0	0.0	0.0	0.0	0.0	0.0
552.18	95.42	5.525e+05	459.97	3003.08	1353.20	0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.12	86.77	5.526e+05	418.36	1998.93	1365.86	0.20	0.0	0.0	0.0	0.0	0.0	0.0
551.97	182.08	5.528e+05	878.09	2569.62	1358.67	50.66	0.0	0.0	0.0	0.0	0.0	0.0
551.76	181.96	5.530e+05	877.85	2614.41	1358.10	50.92	0.0	0.0	0.0	0.0	0.0	0.0
551.58	181.85	5.532e+05	877.61	2659.21	1357.54	51.18	0.0	0.0	0.0	0.0	0.0	0.0
551.36	177.97	5.533e+05	859.20	2693.68	1356.73	51.44	0.0	0.0	0.0	0.0	0.0	0.0
551.28	2459.37	5.558e+05	1.188e+04	3524.92	-573.41	23.01	0.0	0.0	0.0	0.0	0.0	0.0
551.22	1509.24	5.573e+05	7288.20	631.50	1382.00	93.07	0.0	0.0	0.0	0.0	0.0	0.0
551.15	618.81	5.579e+05	2988.62	3235.84	1349.68	0.15	0.0	0.0	0.0	0.0	0.0	0.0
551.03	82.71	5.580e+05	399.56	2251.39	1359.27	0.19	0.0	0.0	0.0	0.0	0.0	0.0
550.85	182.12	5.582e+05	880.05	2289.81	1362.02	8.45e-03	0.0	0.0	0.0	0.0	0.0	0.0
539.70	4064.09	5.623e+05	2.004e+04	2170.37	863.36	112.46	0.0	0.0	0.0	0.0	0.0	0.0
526.52	169.21	5.624e+05	855.48	2534.19	1051.81	18.93	0.0	0.0	0.0	0.0	0.0	0.0
523.94	328.97	5.628e+05	1671.37	1028.81	1408.03	1.12	0.0	0.0	0.0	0.0	0.0	0.0
523.79	90.11	5.628e+05	457.94	1072.84	1356.13	0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.64	86.26	5.629e+05	438.51	1115.19	1376.92	0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.49	86.20	5.630e+05	438.32	1157.27	1376.40	0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.34	86.14	5.631e+05	438.12	1199.36	1375.87	0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.20	86.07	5.632e+05	437.92	1241.44	1375.34	0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.05	86.01	5.633e+05	437.72	1283.52	1374.82	0.28	0.0	0.0	0.0	0.0	0.0	0.0
522.90	184.59	5.635e+05	939.65	1868.18	1370.59	51.04	0.0	0.0	0.0	0.0	0.0	0.0
522.75	180.72	5.636e+05	920.21	1903.19	1367.05	51.30	0.0	0.0	0.0	0.0	0.0	0.0
522.60	180.57	5.638e+05	919.76	1947.98	1366.49	51.56	0.0	0.0	0.0	0.0	0.0	0.0
522.46	180.43	5.640e+05	919.31	1992.78	1365.92	51.82	0.0	0.0	0.0	0.0	0.0	0.0
522.31	85.69	5.641e+05	436.72	1493.94	1372.18	0.28	0.0	0.0	0.0	0.0	0.0	0.0
522.26	94.59	5.642e+05	482.14	2530.06	1359.18	0.28	0.0	0.0	0.0	0.0	0.0	0.0
522.16	161.84	5.643e+05	825.05	1286.26	1192.36	26.66	0.0	0.0	0.0	0.0	0.0	0.0
522.09	94.51	5.644e+05	481.88	2577.36	1358.58	0.27	0.0	0.0	0.0	0.0	0.0	0.0
522.00	287.30	5.647e+05	1465.06	1070.75	1001.73	36.34	0.0	0.0	0.0	0.0	0.0	0.0
521.92	94.44	5.648e+05	481.63	2624.66	1357.99	0.27	0.0	0.0	0.0	0.0	0.0	0.0
521.83	285.77	5.651e+05	1457.68	1002.27	987.43	44.29	0.0	0.0	0.0	0.0	0.0	0.0
521.76	179.79	5.653e+05	917.29	2192.16	1363.42	50.76	0.0	0.0	0.0	0.0	0.0	0.0
521.66	200.09	5.655e+05	1021.02	621.50	824.68	0.12	0.0	0.0	0.0	0.0	0.0	0.0
521.59	179.65	5.657e+05	916.83	2236.95	1362.85	51.02	0.0	0.0	0.0	0.0	0.0	0.0
521.49	199.92	5.659e+05	1020.47	504.54	825.52	0.12	0.0	0.0	0.0	0.0	0.0	0.0
521.42	4456.97	5.703e+05	2.275e+04	1030.36	394.95	157.57	0.0	0.0	0.0	0.0	0.0	0.0
521.32	284.99	5.706e+05	1455.22	806.62	988.52	70.25	0.0	0.0	0.0	0.0	0.0	0.0
521.25	94.11	5.707e+05	480.61	2813.87	1355.60	0.27	0.0	0.0	0.0	0.0	0.0	0.0
521.15	284.76	5.710e+05	1454.47	737.28	988.97	78.20	0.0	0.0	0.0	0.0	0.0	0.0
521.08	94.03	5.711e+05	480.35	2861.17	1355.00	0.27	0.0	0.0	0.0	0.0	0.0	0.0
520.98	268.29	5.714e+05	1370.81	699.00	993.74	86.15	0.0	0.0	0.0	0.0	0.0	0.0
520.92	93.95	5.714e+05	480.10	2908.48	1354.40	0.27	0.0	0.0	0.0	0.0	0.0	0.0
520.81	710.74	5.722e+05	3632.61	278.03	890.11	93.66	0.0	0.0	0.0	0.0	0.0	0.0
520.75	93.87	5.723e+05	479.84	2955.78	1353.80	0.27	0.0	0.0	0.0	0.0	0.0	0.0
520.68	84.99	5.723e+05	434.48	1956.85	1366.39	0.28	0.0	0.0	0.0	0.0	0.0	0.0
520.58	178.71	5.725e+05	913.85	2525.92	1359.22	50.48	0.0	0.0	0.0	0.0	0.0	0.0
520.41	178.57	5.727e+05	913.38	2570.72	1358.65	50.74	0.0	0.0	0.0	0.0	0.0	0.0
520.24	178.42	5.729e+05	912.91	2615.51	1358.09	51.00	0.0	0.0	0.0	0.0	0.0	0.0
520.08	178.28	5.731e+05	912.44	2660.31	1357.53	51.26	0.0	0.0	0.0	0.0	0.0	0.0
519.91	174.43	5.732e+05	893.05	2694.77	1356.33	51.52	0.0	0.0	0.0	0.0	0.0	0.0
519.79	84.60	5.733e+05	433.23	2209.35	1363.23	0.27	0.0	0.0	0.0	0.0	0.0	0.0
519.74	352.01	5.737e+05	1802.82	3235.63	1327.30	0.21	0.0	0.0	0.0	0.0	0.0	0.0
519.65	80.81	5.737e+05	413.95	2251.34	1355.65	0.27	0.0	0.0	0.0	0.0	0.0	0.0
519.50	1085.04	5.748e+05	5559.65	2289.81	1362.37	0.01	0.0	0.0	0.0	0.0	0.0	0.0
517.24	1506.87	5.763e+05	7754.86	3597.03	857.34	20.51	0.0	0.0	0.0	0.0	0.0	0.0
517.17	4296.08	5.806e+05	2.211e+04	3491.20	158.51	23.50	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
516.71	2722.43	5.834e+05	1.402e+04	3543.54	1463.45	20.06	0.0	3649.57	1589.77	0.571	0.963	0.827
516.54	100.80	5.835e+05	519.47	3238.34	1608.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.42	125.85	5.836e+05	648.70	2289.81	1362.24	0.01	0.0	0.0	0.0	0.0	0.0	0.0
516.35	116.16	5.837e+05	598.82	3247.46	-222.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.54	129.12	5.838e+05	666.69	3248.36	-270.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.27	393.18	5.842e+05	2031.16	3551.06	439.40	23.24	0.0	0.0	0.0	0.0	0.0	0.0
515.02	567.31	5.848e+05	2932.12	3573.36	1481.60	19.97	0.0	0.0	0.0	0.0	0.0	0.0
514.72	121.88	5.849e+05	630.32	3249.27	-317.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.90	2360.50	5.873e+05	1.223e+04	3543.99	-547.72	23.11	0.0	0.0	0.0	0.0	0.0	0.0
513.78	2536.41	5.898e+05	1.314e+04	535.54	1383.14	27.84	0.0	0.0	0.0	0.0	0.0	0.0
513.62	462.59	5.903e+05	2397.44	3570.39	-587.19	22.79	0.0	0.0	0.0	0.0	0.0	0.0
513.38	291.85	5.906e+05	1513.21	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.33	2.526e+04	6.158e+05	1.310e+05	1288.19	1161.81	185.71	0.0	252.49	1650.73	0.193	0.847	1.959
513.27	888.19	6.167e+05	4606.22	598.34	581.52	12.01	0.0	0.0	0.0	0.0	0.0	0.0
513.21	296.05	6.170e+05	1535.55	358.21	582.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.15	541.16	6.175e+05	2807.07	183.76	583.61	6.00	0.0	0.0	0.0	0.0	0.0	0.0
499.40	1.537e+04	6.329e+05	8.191e+04	2219.39	912.78	112.64	0.0	2522.03	662.24	0.138	0.118	2.731
481.78	1937.10	6.349e+05	1.070e+04	1027.16	1374.76	1.37	0.0	0.0	0.0	0.0	0.0	0.0
481.67	86.16	6.349e+05	476.15	1072.71	1345.43	0.35	0.0	0.0	0.0	0.0	0.0	0.0
481.57	82.46	6.350e+05	455.82	1115.19	1376.92	0.35	0.0	0.0	0.0	0.0	0.0	0.0
481.46	82.39	6.351e+05	455.51	1157.27	1376.40	0.35	0.0	0.0	0.0	0.0	0.0	0.0
481.36	82.32	6.352e+05	455.20	1199.36	1375.87	0.34	0.0	0.0	0.0	0.0	0.0	0.0
481.26	82.24	6.353e+05	454.90	1241.44	1375.34	0.34	0.0	0.0	0.0	0.0	0.0	0.0
481.15	82.17	6.353e+05	454.59	1283.52	1374.82	0.34	0.0	0.0	0.0	0.0	0.0	0.0
481.05	176.74	6.355e+05	977.97	1869.33	1372.05	51.10	0.0	0.0	0.0	0.0	0.0	0.0
480.94	173.18	6.357e+05	958.47	1904.83	1367.03	51.36	0.0	0.0	0.0	0.0	0.0	0.0
480.84	173.01	6.359e+05	957.77	1949.63	1366.47	51.62	0.0	0.0	0.0	0.0	0.0	0.0
480.73	172.84	6.360e+05	957.07	1994.43	1365.90	51.89	0.0	0.0	0.0	0.0	0.0	0.0
480.63	172.67	6.362e+05	956.37	2039.23	1365.34	52.15	0.0	0.0	0.0	0.0	0.0	0.0
480.52	192.96	6.364e+05	1068.89	1232.16	1174.24	26.53	0.0	0.0	0.0	0.0	0.0	0.0
480.47	90.78	6.365e+05	502.94	2577.36	1358.58	0.34	0.0	0.0	0.0	0.0	0.0	0.0
480.41	300.84	6.368e+05	1666.90	1051.52	967.63	36.38	0.0	0.0	0.0	0.0	0.0	0.0
480.35	90.69	6.369e+05	502.55	2624.66	1357.99	0.34	0.0	0.0	0.0	0.0	0.0	0.0
480.29	285.98	6.372e+05	1584.98	989.97	979.80	44.33	0.0	0.0	0.0	0.0	0.0	0.0
480.21	172.10	6.374e+05	953.94	2193.79	1363.40	50.82	0.0	0.0	0.0	0.0	0.0	0.0
480.12	376.13	6.377e+05	2085.21	1360.68	1070.68	105.13	0.0	0.0	0.0	0.0	0.0	0.0
480.00	7596.26	6.453e+05	4.213e+04	1201.46	390.06	159.55	0.0	569.47	418.54	0.232	1.318	0.119
479.93	375.36	6.457e+05	2082.00	1274.72	1071.09	121.56	0.0	0.0	0.0	0.0	0.0	0.0
479.81	374.98	6.461e+05	2080.39	1231.74	1071.30	129.77	0.0	0.0	0.0	0.0	0.0	0.0
479.69	358.08	6.464e+05	1987.11	1236.48	1076.51	137.98	0.0	0.0	0.0	0.0	0.0	0.0
479.57	1052.20	6.475e+05	5840.31	446.93	912.08	145.87	0.0	0.0	0.0	0.0	0.0	0.0
479.48	80.98	6.476e+05	449.59	1956.85	1366.39	0.34	0.0	0.0	0.0	0.0	0.0	0.0
479.41	170.85	6.477e+05	948.66	2527.55	1359.20	50.54	0.0	0.0	0.0	0.0	0.0	0.0
479.29	170.68	6.479e+05	947.94	2572.35	1358.63	50.80	0.0	0.0	0.0	0.0	0.0	0.0
479.16	170.51	6.481e+05	947.23	2617.15	1358.07	51.06	0.0	0.0	0.0	0.0	0.0	0.0
479.05	170.34	6.482e+05	946.52	2661.94	1357.51	51.32	0.0	0.0	0.0	0.0	0.0	0.0
478.95	160.15	6.484e+05	890.09	2676.34	1356.34	51.59	0.0	0.0	0.0	0.0	0.0	0.0
478.81	2402.88	6.508e+05	1.336e+04	3201.28	1334.22	51.62	0.0	0.0	0.0	0.0	0.0	0.0
478.75	76.88	6.509e+05	427.47	2251.30	1351.97	0.34	0.0	0.0	0.0	0.0	0.0	0.0
478.64	208.02	6.511e+05	1156.84	2289.81	1360.76	0.01	0.0	0.0	0.0	0.0	0.0	0.0
462.39	1627.40	6.527e+05	9368.55	3630.85	857.10	20.55	0.0	3687.59	699.09	0.0	1.0979e+06	8.1083e+06
462.31	6271.17	6.590e+05	3.611e+04	3460.16	205.64	23.59	0.0	0.0	0.0	0.0	0.0	0.0
461.73	3617.47	6.626e+05	2.085e+04	3563.64	1475.77	20.12	0.0	0.0	0.0	0.0	0.0	0.0
460.33	114.89	6.627e+05	664.36	3248.21	-262.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
458.36	5293.80	6.680e+05	3.074e+04	3476.90	-600.10	23.20	0.0	3495.72	-738.62	1.133	0.080	0.336
458.21	4225.64	6.722e+05	2.455e+04	549.67	1383.47	37.12	0.0	0.0	0.0	0.0	0.0	0.0
446.72	275.61	6.725e+05	1642.29	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
446.67	2.301e+04	6.955e+05	1.371e+05	1222.65	1163.21	185.71	0.0	226.23	1648.25	0.196	0.817	1.912
446.57	851.77	6.964e+05	5077.09	478.27	582.12	12.01	0.0	0.0	0.0	0.0	0.0	0.0
446.51	518.96	6.969e+05	3093.85	183.76	583.61	6.00	0.0	0.0	0.0	0.0	0.0	0.0
432.68	1538.48	6.984e+05	9464.76	1027.43	1380.34	1.53	0.0	0.0	0.0	0.0	0.0	0.0
432.63	81.38	6.985e+05	500.69	1072.61	1337.54	0.39	0.0	0.0	0.0	0.0	0.0	0.0
432.58	77.87	6.986e+05	479.17	1115.19	1376.92	0.39	0.0	0.0	0.0	0.0	0.0	0.0
432.52	77.79	6.987e+05	478.75	1157.27	1376.40	0.39	0.0	0.0	0.0	0.0	0.0	0.0
432.47	77.71	6.988e+05	478.33	1199.36	1375.87	0.38	0.0	0.0	0.0	0.0	0.0	0.0
432.38	239.09	6.990e+05	1471.89	1623.01	1475.48	52.62	0.0	0.0	0.0	0.0	0.0	0.0
432.31	252.02	6.992e+05	1551.85	2011.69	1453.24	51.14	0.0	0.0	0.0	0.0	0.0	0.0
432.25	164.03	6.994e+05	1010.13	1906.62	1367.01	51.40	0.0	0.0	0.0	0.0	0.0	0.0
432.20	254.76	6.997e+05	1569.11	2072.21	1436.06	51.66	0.0	0.0	0.0	0.0	0.0	0.0
432.14	163.68	6.998e+05	1008.22	1996.23	1365.88	51.92	0.0	0.0	0.0	0.0	0.0	0.0
432.09	265.63	7.001e+05	1636.47	2136.71	1421.59	52.18	0.0	0.0	0.0	0.0	0.0	0.0
432.03	77.09	7.002e+05	474.98	1536.02	1371.66	0.38	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
431.97	608.65	7.008e+05	3750.59	1681.98	1163.84	88.73	0.0	0.0	0.0	0.0	0.0	0.0
431.89	366.17	7.011e+05	2256.72	1378.00	1061.67	96.95	0.0	0.0	0.0	0.0	0.0	0.0
431.82	545.05	7.017e+05	3359.67	1565.05	1170.72	105.16	0.0	0.0	0.0	0.0	0.0	0.0
431.76	7641.46	7.093e+05	4.711e+04	1200.05	417.14	160.80	0.0	23.84	419.72	0.037	11.022	0.067
431.66	442.06	7.098e+05	2725.91	1295.93	1115.15	127.43	0.0	0.0	0.0	0.0	0.0	0.0
431.60	535.76	7.103e+05	3304.20	1678.79	1160.22	138.01	0.0	0.0	0.0	0.0	0.0	0.0
431.54	1187.65	7.115e+05	7325.79	383.77	897.89	145.97	0.0	0.0	0.0	0.0	0.0	0.0
431.46	340.01	7.118e+05	2097.59	2328.88	1331.76	52.69	0.0	0.0	0.0	0.0	0.0	0.0
431.40	263.51	7.121e+05	1626.01	2463.92	1302.05	50.84	0.0	0.0	0.0	0.0	0.0	0.0
431.33	161.23	7.123e+05	994.98	2618.92	1358.05	51.10	0.0	0.0	0.0	0.0	0.0	0.0
431.27	251.81	7.125e+05	1554.18	2528.92	1287.32	51.36	0.0	0.0	0.0	0.0	0.0	0.0
431.22	75.92	7.126e+05	468.66	2167.26	1363.75	0.38	0.0	0.0	0.0	0.0	0.0	0.0
431.17	255.23	7.128e+05	1575.65	2601.30	1274.62	49.52	0.0	0.0	0.0	0.0	0.0	0.0
431.11	72.44	7.129e+05	447.27	2251.27	1349.53	0.37	0.0	0.0	0.0	0.0	0.0	0.0
431.06	83.87	7.130e+05	517.89	2289.64	1063.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.05	367.86	7.134e+05	2576.52	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.00	6.758e+04	7.809e+05	4.734e+05	1991.22	876.40	185.71	0.0	2872.84	1561.62	0.765	0.590	0.692
379.94	399.29	7.813e+05	2797.43	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
379.88	1189.00	7.825e+05	8331.60	356.32	582.74	12.01	0.0	0.0	0.0	0.0	0.0	0.0
379.82	348.05	7.829e+05	2439.23	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285.00	4.354e+04	8.264e+05	4.066e+05	1917.36	858.79	185.71	0.0	2796.69	1404.16	0.580	0.534	0.726
190.00	2.689e+04	8.533e+05	3.767e+05	1907.63	868.16	185.71	0.0	2798.13	1430.45	0.594	0.546	0.731
95.00	1.303e+04	8.663e+05	3.652e+05	1918.31	865.90	185.71	0.0	2798.13	1430.45	0.594	0.539	0.734
Risulta	8.663e+05		4.504e+06									

CDC	Tipo	Sigla Id	Note
12	Esk	CDC=Es (statico SLD) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.000
			categoria suolo: C
			fattore di sito S = 1.500
			ordinata spettro (tratto Tb-Tc) = 0.226 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.273 sec.
			coefficiente Lambda: 0.850
			ordinata spettro Se(T1): 0.226

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
cm	daN	daN	daN	cm	cm	cm	cm	cm	cm			
963.56	260.91	260.91	720.78	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
960.00	9.474e+04	9.500e+04	2.627e+05	2044.47	905.00	-185.71	0.0	2809.58	1527.86	0.700	0.490	0.687
959.94	1098.26	9.610e+04	3045.49	538.31	581.82	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
959.88	782.57	9.688e+04	2170.22	304.25	583.00	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
959.82	292.52	9.717e+04	811.26	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
957.28	140.68	9.732e+04	391.20	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
868.56	470.38	9.779e+04	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.00	1.212e+05	2.189e+05	3.728e+05	2075.30	906.30	-185.71	0.0	3067.78	1528.04	0.589	0.722	0.815
864.94	1267.55	2.202e+05	3900.98	538.31	581.82	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
864.85	1792.11	2.220e+05	5515.85	245.45	583.30	-12.01	0.0	0.0	0.0	0.0	0.0	0.0
864.57	341.23	2.223e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.15	342.58	2.227e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.72	344.69	2.230e+05	1062.30	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
862.28	253.45	2.233e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
858.18	415.53	2.237e+05	1288.87	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
773.56	418.93	2.241e+05	1441.57	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
770.00	1.078e+05	3.320e+05	3.728e+05	2075.33	906.32	-185.71	0.0	3067.37	1528.03	0.589	0.722	0.815
769.94	1128.32	3.331e+05	3900.98	538.31	581.82	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
769.85	1595.26	3.347e+05	5515.85	245.45	583.30	-12.01	0.0	0.0	0.0	0.0	0.0	0.0
769.15	303.56	3.350e+05	1050.58	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.30	304.58	3.353e+05	1055.27	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.44	304.92	3.356e+05	1057.61	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
767.28	225.52	3.358e+05	782.39	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
763.18	359.87	3.362e+05	1255.16	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
678.56	382.08	3.366e+05	1498.83	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.05	497.38	3.371e+05	1961.28	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
675.00	9.562e+04	4.327e+05	3.771e+05	2092.12	901.20	-185.71	0.0	0.0	0.0	0.0	0.0	0.0
674.94	494.56	4.332e+05	1950.49	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
674.88	1483.55	4.347e+05	5851.47	358.21	582.73	-12.01	0.0	0.0	0.0	0.0	0.0	0.0
674.82	409.39	4.351e+05	1614.87	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.72	268.64	4.353e+05	1061.38	3.54	52.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.44	322.24	4.357e+05	1275.60	7.07	105.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.28	206.89	4.359e+05	819.16	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
671.17	305.22	4.362e+05	1210.53	10.61	157.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0
668.18	323.92	4.365e+05	1290.41	14.15	210.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.56	505.95	4.370e+05	2307.88	1027.33	1378.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.35	45.48	4.370e+05	207.55	1073.11	1377.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.14	43.52	4.371e+05	198.64	1115.19	1376.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.93	43.46	4.371e+05	198.43	1157.27	1376.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.72	43.40	4.372e+05	198.23	1199.36	1375.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.51	43.33	4.372e+05	198.03	1241.44	1375.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.30	43.27	4.373e+05	197.82	1283.52	1374.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.09	92.54	4.374e+05	423.15	1866.74	1367.51	-50.76	0.0	0.0	0.0	0.0	0.0	0.0
581.88	90.45	4.374e+05	413.78	1901.30	1367.08	-51.02	0.0	0.0	0.0	0.0	0.0	0.0
581.67	90.32	4.375e+05	413.32	1946.07	1366.51	-51.28	0.0	0.0	0.0	0.0	0.0	0.0
581.46	90.18	4.376e+05	412.86	1990.83	1365.95	-51.55	0.0	0.0	0.0	0.0	0.0	0.0
581.26	42.97	4.377e+05	196.80	1493.94	1372.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.18	47.07	4.377e+05	215.61	2530.06	1359.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.05	91.14	4.378e+05	417.54	1247.68	1080.03	-27.24	0.0	0.0	0.0	0.0	0.0	0.0
580.95	47.00	4.379e+05	215.35	2577.36	1358.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.81	142.33	4.380e+05	652.28	1073.00	988.03	-36.13	0.0	0.0	0.0	0.0	0.0	0.0
580.71	46.93	4.380e+05	215.10	2624.66	1357.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.63	42.79	4.381e+05	196.18	1620.19	1370.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.57	91.59	4.382e+05	419.94	738.45	823.84	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.47	46.85	4.382e+05	214.84	2671.97	1357.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.42	42.73	4.383e+05	195.98	1662.27	1370.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.33	91.44	4.384e+05	419.44	621.50	824.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.24	89.45	4.385e+05	410.37	2235.09	1362.88	-50.75	0.0	0.0	0.0	0.0	0.0	0.0
580.09	91.30	4.385e+05	418.94	504.54	825.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.00	5.916e+04	4.977e+05	2.715e+05	1917.48	915.59	-185.71	0.0	0.0	0.0	0.0	0.0	0.0
579.94	728.31	4.984e+05	3342.99	538.30	581.82	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
579.85	1122.95	4.996e+05	5155.03	257.24	603.46	-13.48	0.0	0.0	0.0	0.0	0.0	0.0
579.79	91.16	4.996e+05	418.54	2324.65	1361.75	-51.27	0.0	0.0	0.0	0.0	0.0	0.0
579.62	136.58	4.998e+05	627.25	767.24	999.36	-78.00	0.0	0.0	0.0	0.0	0.0	0.0
579.52	47.65	4.998e+05	218.85	2861.17	1355.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.38	128.94	5.000e+05	592.38	733.16	1009.88	-85.95	0.0	0.0	0.0	0.0	0.0	0.0
579.29	47.63	5.000e+05	218.86	2908.48	1354.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.14	113.96	5.001e+05	523.77	764.50	1033.23	-92.95	0.0	0.0	0.0	0.0	0.0	0.0
579.05	47.61	5.002e+05	218.86	2955.78	1353.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.95	43.43	5.002e+05	199.69	1956.85	1366.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.81	47.59	5.003e+05	218.86	3003.08	1353.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.75	43.42	5.003e+05	199.69	1998.93	1365.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0
578.54	90.97	5.004e+05	418.55	2568.82	1358.68	-50.47	0.0	0.0	0.0	0.0	0.0	0.0
578.33	277.48	5.007e+05	1277.19	858.92	480.42	-154.71	0.0	0.0	0.0	0.0	0.0	0.0
578.12	90.90	5.008e+05	418.54	2658.42	1357.55	-50.99	0.0	0.0	0.0	0.0	0.0	0.0
577.87	88.98	5.008e+05	409.88	2692.90	1357.12	-51.25	0.0	0.0	0.0	0.0	0.0	0.0
577.70	43.34	5.009e+05	199.68	2209.35	1363.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.63	441.82	5.013e+05	2036.01	3235.85	1350.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.49	41.41	5.014e+05	190.88	2251.43	1362.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
577.28	214.46	5.016e+05	988.88	2289.81	1362.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
576.62	775.31	5.024e+05	3579.11	1027.31	1377.81	-0.41	0.0	0.0	0.0	0.0	0.0	0.0
576.42	91.59	5.025e+05	422.97	1073.07	1374.60	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
576.22	87.72	5.025e+05	405.21	1115.19	1376.92	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
576.01	87.68	5.026e+05	405.20	1157.27	1376.40	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.93	6848.39	5.095e+05	3.165e+04	2177.99	879.57	-109.91	0.0	0.0	0.0	0.0	0.0	0.0
575.81	87.65	5.096e+05	405.18	1199.36	1375.87	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.61	87.61	5.097e+05	405.17	1241.44	1375.34	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.47	209.93	5.099e+05	971.06	2289.85	1442.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
575.41	87.58	5.100e+05	405.16	1283.52	1374.82	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
575.21	187.52	5.101e+05	867.74	1866.86	1367.90	-50.86	0.0	0.0	0.0	0.0	0.0	0.0
575.00	183.50	5.103e+05	849.46	1901.48	1367.07	-51.13	0.0	0.0	0.0	0.0	0.0	0.0
574.80	183.42	5.105e+05	849.42	1946.28	1366.51	-51.39	0.0	0.0	0.0	0.0	0.0	0.0
574.60	183.34	5.107e+05	849.38	1991.07	1365.95	-51.65	0.0	0.0	0.0	0.0	0.0	0.0
574.40	87.41	5.108e+05	405.07	1493.94	1372.18	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
574.33	95.86	5.109e+05	444.27	2530.06	1359.18	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
574.20	198.74	5.111e+05	921.31	1230.29	1058.14	-27.56	0.0	0.0	0.0	0.0	0.0	0.0
574.10	95.81	5.112e+05	444.24	2577.36	1358.58	-0.10	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
573.97	288.72	5.115e+05	1338.95	1074.04	990.02	-36.21	0.0	0.0	0.0	0.0	0.0	0.0
573.87	95.77	5.116e+05	444.22	2624.66	1357.99	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.79	87.30	5.116e+05	405.01	1620.19	1370.60	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.74	188.72	5.118e+05	875.59	738.45	823.84	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
573.64	95.72	5.119e+05	444.19	2671.97	1357.39	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.59	87.27	5.120e+05	404.99	1662.27	1370.07	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
573.51	188.64	5.122e+05	875.54	621.50	824.68	-0.05	0.0	0.0	0.0	0.0	0.0	0.0
573.41	4548.79	5.167e+05	2.112e+04	3414.67	408.07	-99.92	0.0	0.0	0.0	0.0	0.0	0.0
573.28	2062.38	5.188e+05	9575.78	3229.58	1372.04	-158.65	0.0	0.0	0.0	0.0	0.0	0.0
573.18	4295.27	5.231e+05	1.995e+04	1229.60	409.92	-151.96	0.0	0.0	0.0	0.0	0.0	0.0
573.05	188.46	5.233e+05	875.42	387.59	826.37	-0.04	0.0	0.0	0.0	0.0	0.0	0.0
572.98	182.75	5.235e+05	849.02	2324.84	1361.75	-51.37	0.0	0.0	0.0	0.0	0.0	0.0
572.90	3027.15	5.265e+05	1.407e+04	2852.25	-163.59	-163.38	0.0	0.0	0.0	0.0	0.0	0.0
572.81	275.50	5.268e+05	1280.25	763.97	998.22	-78.07	0.0	0.0	0.0	0.0	0.0	0.0
572.73	95.55	5.269e+05	444.07	2861.17	1355.00	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.58	260.01	5.271e+05	1208.78	729.43	1008.00	-86.02	0.0	0.0	0.0	0.0	0.0	0.0
572.50	95.50	5.272e+05	444.04	2908.48	1354.40	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.35	218.36	5.274e+05	1015.52	796.64	1039.67	-93.21	0.0	0.0	0.0	0.0	0.0	0.0
572.27	95.45	5.275e+05	444.00	2955.78	1353.80	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.18	87.02	5.276e+05	404.81	1956.85	1366.39	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
572.04	95.41	5.277e+05	443.97	3003.08	1353.20	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
571.97	86.98	5.278e+05	404.78	1998.93	1365.86	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
571.81	182.30	5.280e+05	848.69	2569.01	1358.68	-50.57	0.0	0.0	0.0	0.0	0.0	0.0
571.57	182.22	5.282e+05	848.62	2613.81	1358.11	-50.83	0.0	0.0	0.0	0.0	0.0	0.0
571.37	182.14	5.284e+05	848.55	2658.61	1357.55	-51.09	0.0	0.0	0.0	0.0	0.0	0.0
571.12	178.29	5.285e+05	830.93	2693.08	1357.01	-51.35	0.0	0.0	0.0	0.0	0.0	0.0
570.96	86.79	5.286e+05	404.63	2209.35	1363.23	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
570.89	699.52	5.293e+05	3261.63	3235.85	1350.16	-0.08	0.0	0.0	0.0	0.0	0.0	0.0
570.76	83.05	5.294e+05	387.33	2251.42	1361.87	-0.10	0.0	0.0	0.0	0.0	0.0	0.0
570.56	210.78	5.296e+05	983.35	2289.76	1282.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
563.18	6220.52	5.358e+05	2.940e+04	2191.90	871.56	-109.92	0.0	0.0	0.0	0.0	0.0	0.0
556.28	684.78	5.365e+05	3276.74	1027.42	1379.96	-0.79	0.0	0.0	0.0	0.0	0.0	0.0
556.10	91.70	5.366e+05	438.91	1072.97	1366.80	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.92	87.80	5.367e+05	420.40	1115.19	1376.92	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.74	87.75	5.368e+05	420.31	1157.27	1376.40	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.56	87.70	5.369e+05	420.22	1199.36	1375.87	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.38	87.66	5.370e+05	420.13	1241.44	1375.34	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.20	87.61	5.371e+05	420.03	1283.52	1374.82	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
555.02	187.79	5.372e+05	900.59	1867.48	1369.08	-50.96	0.0	0.0	0.0	0.0	0.0	0.0
554.84	183.72	5.374e+05	881.42	1902.08	1367.07	-51.22	0.0	0.0	0.0	0.0	0.0	0.0
554.65	183.62	5.376e+05	881.21	1946.88	1366.50	-51.48	0.0	0.0	0.0	0.0	0.0	0.0
554.47	183.51	5.378e+05	881.00	1991.67	1365.94	-51.74	0.0	0.0	0.0	0.0	0.0	0.0
554.29	87.37	5.379e+05	419.56	1493.94	1372.18	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
554.23	96.03	5.380e+05	461.22	2530.06	1359.18	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
554.12	160.52	5.381e+05	771.12	1292.21	1175.27	-26.83	0.0	0.0	0.0	0.0	0.0	0.0
554.02	95.97	5.382e+05	461.10	2577.36	1358.58	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
553.91	305.07	5.385e+05	1466.04	1062.14	979.70	-36.28	0.0	0.0	0.0	0.0	0.0	0.0
553.82	95.91	5.386e+05	460.98	2624.66	1357.99	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
553.70	281.44	5.389e+05	1352.98	1011.71	993.28	-44.23	0.0	0.0	0.0	0.0	0.0	0.0
553.61	183.02	5.391e+05	880.03	2191.05	1363.43	-50.68	0.0	0.0	0.0	0.0	0.0	0.0
553.49	194.10	5.393e+05	933.46	621.50	824.68	-0.09	0.0	0.0	0.0	0.0	0.0	0.0
553.41	182.91	5.395e+05	879.80	2235.85	1362.87	-50.94	0.0	0.0	0.0	0.0	0.0	0.0
553.29	193.97	5.397e+05	933.20	504.54	825.52	-0.09	0.0	0.0	0.0	0.0	0.0	0.0
553.20	4286.12	5.440e+05	2.062e+04	1107.84	400.89	-154.98	0.0	0.0	0.0	0.0	0.0	0.0
553.08	193.85	5.441e+05	932.95	387.59	826.37	-0.09	0.0	0.0	0.0	0.0	0.0	0.0
553.02	3390.86	5.475e+05	1.632e+04	3474.35	630.90	-95.43	0.0	0.0	0.0	0.0	0.0	0.0
552.97	1396.06	5.489e+05	6720.27	3549.67	-53.67	-22.98	0.0	0.0	0.0	0.0	0.0	0.0
552.87	280.69	5.492e+05	1351.46	754.00	994.76	-78.14	0.0	0.0	0.0	0.0	0.0	0.0
552.79	95.60	5.493e+05	460.36	2861.17	1355.00	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.74	2118.46	5.514e+05	1.020e+04	3541.50	1417.59	-20.01	0.0	0.0	0.0	0.0	0.0	0.0
552.67	264.74	5.517e+05	1275.12	718.07	1002.48	-86.09	0.0	0.0	0.0	0.0	0.0	0.0
552.59	95.54	5.518e+05	460.23	2908.48	1354.40	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.46	465.01	5.523e+05	2240.51	402.99	928.02	-93.45	0.0	0.0	0.0	0.0	0.0	0.0
552.38	95.48	5.524e+05	460.10	2955.78	1353.80	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.30	86.82	5.524e+05	418.46	1956.85	1366.39	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
552.18	95.42	5.525e+05	459.97	3003.08	1353.20	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
552.12	86.77	5.526e+05	418.36	1998.93	1365.86	-0.20	0.0	0.0	0.0	0.0	0.0	0.0
551.97	182.08	5.528e+05	878.09	2569.62	1358.67	-50.66	0.0	0.0	0.0	0.0	0.0	0.0
551.76	181.96	5.530e+05	877.85	2614.41	1358.10	-50.92	0.0	0.0	0.0	0.0	0.0	0.0
551.58	181.85	5.532e+05	877.61	2659.21	1357.54	-51.18	0.0	0.0	0.0	0.0	0.0	0.0
551.36	177.97	5.533e+05	859.20	2693.68	1356.73	-51.44	0.0	0.0	0.0	0.0	0.0	0.0
551.28	2459.37	5.558e+05	1.188e+04	3524.92	-573.41	-23.01	0.0	0.0	0.0	0.0	0.0	0.0
551.22	1509.24	5.573e+05	7288.20	631.50	1382.00	-93.07	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
551.15	618.81	5.579e+05	2988.62	3235.84	1349.68	-0.15	0.0	0.0	0.0	0.0	0.0	0.0
551.03	82.71	5.580e+05	399.56	2251.39	1359.27	-0.19	0.0	0.0	0.0	0.0	0.0	0.0
550.85	182.12	5.582e+05	880.05	2289.81	1362.02	-8.45e-03	0.0	0.0	0.0	0.0	0.0	0.0
539.70	4064.09	5.623e+05	2.004e+04	2170.37	863.36	-112.46	0.0	0.0	0.0	0.0	0.0	0.0
526.52	169.21	5.624e+05	855.48	2534.19	1051.81	-18.93	0.0	0.0	0.0	0.0	0.0	0.0
523.94	328.97	5.628e+05	1671.37	1028.81	1408.03	-1.12	0.0	0.0	0.0	0.0	0.0	0.0
523.79	90.11	5.628e+05	457.94	1072.84	1356.13	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.64	86.26	5.629e+05	438.51	1115.19	1376.92	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.49	86.20	5.630e+05	438.32	1157.27	1376.40	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.34	86.14	5.631e+05	438.12	1199.36	1375.87	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.20	86.07	5.632e+05	437.92	1241.44	1375.34	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
523.05	86.01	5.633e+05	437.72	1283.52	1374.82	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
522.90	184.59	5.635e+05	939.65	1868.18	1370.59	-51.04	0.0	0.0	0.0	0.0	0.0	0.0
522.75	180.72	5.636e+05	920.21	1903.19	1367.05	-51.30	0.0	0.0	0.0	0.0	0.0	0.0
522.60	180.57	5.638e+05	919.76	1947.98	1366.49	-51.56	0.0	0.0	0.0	0.0	0.0	0.0
522.46	180.43	5.640e+05	919.31	1992.78	1365.92	-51.82	0.0	0.0	0.0	0.0	0.0	0.0
522.31	85.69	5.641e+05	436.72	1493.94	1372.18	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
522.26	94.59	5.642e+05	482.14	2530.06	1359.18	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
522.16	161.84	5.643e+05	825.05	1286.26	1192.36	-26.66	0.0	0.0	0.0	0.0	0.0	0.0
522.09	94.51	5.644e+05	481.88	2577.36	1358.58	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
522.00	287.30	5.647e+05	1465.06	1070.75	1001.73	-36.34	0.0	0.0	0.0	0.0	0.0	0.0
521.92	94.44	5.648e+05	481.63	2624.66	1357.99	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
521.83	285.77	5.651e+05	1457.68	1002.27	987.43	-44.29	0.0	0.0	0.0	0.0	0.0	0.0
521.76	179.79	5.653e+05	917.29	2192.16	1363.42	-50.76	0.0	0.0	0.0	0.0	0.0	0.0
521.66	200.09	5.655e+05	1021.02	621.50	824.68	-0.12	0.0	0.0	0.0	0.0	0.0	0.0
521.59	179.65	5.657e+05	916.83	2236.95	1362.85	-51.02	0.0	0.0	0.0	0.0	0.0	0.0
521.49	199.92	5.659e+05	1020.47	504.54	825.52	-0.12	0.0	0.0	0.0	0.0	0.0	0.0
521.42	4456.97	5.703e+05	2.275e+04	1030.36	394.95	-157.57	0.0	0.0	0.0	0.0	0.0	0.0
521.32	284.99	5.706e+05	1455.22	806.62	988.52	-70.25	0.0	0.0	0.0	0.0	0.0	0.0
521.25	94.11	5.707e+05	480.61	2813.87	1355.60	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
521.15	284.76	5.710e+05	1454.47	737.28	988.97	-78.20	0.0	0.0	0.0	0.0	0.0	0.0
521.08	94.03	5.711e+05	480.35	2861.17	1355.00	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
520.98	268.29	5.714e+05	1370.81	699.00	993.74	-86.15	0.0	0.0	0.0	0.0	0.0	0.0
520.92	93.95	5.714e+05	480.10	2908.48	1354.40	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
520.81	710.74	5.722e+05	3632.61	278.03	890.11	-93.66	0.0	0.0	0.0	0.0	0.0	0.0
520.75	93.87	5.723e+05	479.84	2955.78	1353.80	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
520.68	84.99	5.723e+05	434.48	1956.85	1366.39	-0.28	0.0	0.0	0.0	0.0	0.0	0.0
520.58	178.71	5.725e+05	913.85	2525.92	1359.22	-50.48	0.0	0.0	0.0	0.0	0.0	0.0
520.41	178.57	5.727e+05	913.38	2570.72	1358.65	-50.74	0.0	0.0	0.0	0.0	0.0	0.0
520.24	178.42	5.729e+05	912.91	2615.51	1358.09	-51.00	0.0	0.0	0.0	0.0	0.0	0.0
520.08	178.28	5.731e+05	912.44	2660.31	1357.53	-51.26	0.0	0.0	0.0	0.0	0.0	0.0
519.91	174.43	5.732e+05	893.05	2694.77	1356.33	-51.52	0.0	0.0	0.0	0.0	0.0	0.0
519.79	84.60	5.733e+05	433.23	2209.35	1363.23	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
519.74	352.01	5.737e+05	1802.82	3235.63	1327.30	-0.21	0.0	0.0	0.0	0.0	0.0	0.0
519.65	80.81	5.737e+05	413.95	2251.34	1355.65	-0.27	0.0	0.0	0.0	0.0	0.0	0.0
519.50	1085.04	5.748e+05	5559.65	2289.81	1362.37	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
517.24	1506.87	5.763e+05	7754.86	3597.03	857.34	-20.51	0.0	0.0	0.0	0.0	0.0	0.0
517.17	4296.08	5.806e+05	2.211e+04	3491.20	158.51	-23.50	0.0	0.0	0.0	0.0	0.0	0.0
516.71	2722.43	5.834e+05	1.402e+04	3543.54	1463.45	-20.06	0.0	3649.57	1589.77	0.571	0.963	0.827
516.54	100.80	5.835e+05	519.47	3238.34	1608.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.42	125.85	5.836e+05	648.70	2289.81	1362.24	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
516.35	116.16	5.837e+05	598.82	3247.46	-222.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.54	129.12	5.838e+05	666.69	3248.36	-270.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515.27	393.18	5.842e+05	2031.16	3551.06	439.40	-23.24	0.0	0.0	0.0	0.0	0.0	0.0
515.02	567.31	5.848e+05	2932.12	3573.36	1481.60	-19.97	0.0	0.0	0.0	0.0	0.0	0.0
514.72	121.88	5.849e+05	630.32	3249.27	-317.97	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.90	2360.50	5.873e+05	1.223e+04	3543.99	-547.72	-23.11	0.0	0.0	0.0	0.0	0.0	0.0
513.78	2536.41	5.898e+05	1.314e+04	535.54	1383.14	-27.84	0.0	0.0	0.0	0.0	0.0	0.0
513.62	462.59	5.903e+05	2397.44	3570.39	-587.19	-22.79	0.0	0.0	0.0	0.0	0.0	0.0
513.38	291.85	5.906e+05	1513.21	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.33	2.526e+04	6.158e+05	1.310e+05	1288.19	1161.81	-185.71	0.0	252.49	1650.73	0.193	0.847	1.959
513.27	888.19	6.167e+05	4606.22	598.34	581.52	-12.01	0.0	0.0	0.0	0.0	0.0	0.0
513.21	296.05	6.170e+05	1535.55	358.21	582.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.15	541.16	6.175e+05	2807.07	183.76	583.61	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
499.40	1.537e+04	6.329e+05	8.191e+04	2219.39	912.78	-112.64	0.0	2522.03	662.24	0.138	0.118	2.731
481.78	1937.10	6.349e+05	1.070e+04	1027.16	1374.76	-1.37	0.0	0.0	0.0	0.0	0.0	0.0
481.67	86.16	6.349e+05	476.15	1072.71	1345.43	-0.35	0.0	0.0	0.0	0.0	0.0	0.0
481.57	82.46	6.350e+05	455.82	1115.19	1376.92	-0.35	0.0	0.0	0.0	0.0	0.0	0.0
481.46	82.39	6.351e+05	455.51	1157.27	1376.40	-0.35	0.0	0.0	0.0	0.0	0.0	0.0
481.36	82.32	6.352e+05	455.20	1199.36	1375.87	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
481.26	82.24	6.353e+05	454.90	1241.44	1375.34	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
481.15	82.17	6.353e+05	454.59	1283.52	1374.82	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
481.05	176.74	6.355e+05	977.97	1869.33	1372.05	-51.10	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	rapp. r/Ls	rapp. ex/rx	rapp. ey/ry
480.94	173.18	6.357e+05	958.47	1904.83	1367.03	-51.36	0.0	0.0	0.0	0.0	0.0	0.0
480.84	173.01	6.359e+05	957.77	1949.63	1366.47	-51.62	0.0	0.0	0.0	0.0	0.0	0.0
480.73	172.84	6.360e+05	957.07	1994.43	1365.90	-51.89	0.0	0.0	0.0	0.0	0.0	0.0
480.63	172.67	6.362e+05	956.37	2039.23	1365.34	-52.15	0.0	0.0	0.0	0.0	0.0	0.0
480.52	192.96	6.364e+05	1068.89	1232.16	1174.24	-26.53	0.0	0.0	0.0	0.0	0.0	0.0
480.47	90.78	6.365e+05	502.94	2577.36	1358.58	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
480.41	300.84	6.368e+05	1666.90	1051.52	967.63	-36.38	0.0	0.0	0.0	0.0	0.0	0.0
480.35	90.69	6.369e+05	502.55	2624.66	1357.99	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
480.29	285.98	6.372e+05	1584.98	989.97	979.80	-44.33	0.0	0.0	0.0	0.0	0.0	0.0
480.21	172.10	6.374e+05	953.94	2193.79	1363.40	-50.82	0.0	0.0	0.0	0.0	0.0	0.0
480.12	376.13	6.377e+05	2085.21	1360.68	1070.68	-105.13	0.0	0.0	0.0	0.0	0.0	0.0
480.00	7596.26	6.453e+05	4.213e+04	1201.46	390.06	-159.55	0.0	569.47	418.54	0.232	1.318	0.119
479.93	375.36	6.457e+05	2082.00	1274.72	1071.09	-121.56	0.0	0.0	0.0	0.0	0.0	0.0
479.81	374.98	6.461e+05	2080.39	1231.74	1071.30	-129.77	0.0	0.0	0.0	0.0	0.0	0.0
479.69	358.08	6.464e+05	1987.11	1236.48	1076.51	-137.98	0.0	0.0	0.0	0.0	0.0	0.0
479.57	1052.20	6.475e+05	5840.31	446.93	912.08	-145.87	0.0	0.0	0.0	0.0	0.0	0.0
479.48	80.98	6.476e+05	449.59	1956.85	1366.39	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
479.41	170.85	6.477e+05	948.66	2527.55	1359.20	-50.54	0.0	0.0	0.0	0.0	0.0	0.0
479.29	170.68	6.479e+05	947.94	2572.35	1358.63	-50.80	0.0	0.0	0.0	0.0	0.0	0.0
479.16	170.51	6.481e+05	947.23	2617.15	1358.07	-51.06	0.0	0.0	0.0	0.0	0.0	0.0
479.05	170.34	6.482e+05	946.52	2661.94	1357.51	-51.32	0.0	0.0	0.0	0.0	0.0	0.0
478.95	160.15	6.484e+05	890.09	2676.34	1356.34	-51.59	0.0	0.0	0.0	0.0	0.0	0.0
478.81	2402.88	6.508e+05	1.336e+04	3201.28	1334.22	-51.62	0.0	0.0	0.0	0.0	0.0	0.0
478.75	76.88	6.509e+05	427.47	2251.30	1351.97	-0.34	0.0	0.0	0.0	0.0	0.0	0.0
478.64	208.02	6.511e+05	1156.84	2289.81	1360.76	-0.01	0.0	0.0	0.0	0.0	0.0	0.0
462.39	1627.40	6.527e+05	9368.55	3630.85	857.10	-20.55	0.0	3687.59	699.09	0.0	1.0979e+06	8.1083e+06
462.31	6271.17	6.590e+05	3.611e+04	3460.16	205.64	-23.59	0.0	0.0	0.0	0.0	0.0	0.0
461.73	3617.47	6.626e+05	2.085e+04	3563.64	1475.77	-20.12	0.0	0.0	0.0	0.0	0.0	0.0
460.33	114.89	6.627e+05	664.36	3248.21	-262.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
458.36	5293.80	6.680e+05	3.074e+04	3476.90	-600.10	-23.20	0.0	3495.72	-738.62	1.133	0.080	0.336
458.21	4225.64	6.722e+05	2.455e+04	549.67	1383.47	-37.12	0.0	0.0	0.0	0.0	0.0	0.0
446.72	275.61	6.725e+05	1642.29	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
446.67	2.301e+04	6.955e+05	1.371e+05	1222.65	1163.21	-185.71	0.0	226.23	1648.25	0.196	0.817	1.912
446.57	851.77	6.964e+05	5077.09	478.27	582.12	-12.01	0.0	0.0	0.0	0.0	0.0	0.0
446.51	518.96	6.969e+05	3093.85	183.76	583.61	-6.00	0.0	0.0	0.0	0.0	0.0	0.0
432.68	1538.48	6.984e+05	9464.76	1027.43	1380.34	-1.53	0.0	0.0	0.0	0.0	0.0	0.0
432.63	81.38	6.985e+05	500.69	1072.61	1337.54	-0.39	0.0	0.0	0.0	0.0	0.0	0.0
432.58	77.87	6.986e+05	479.17	1115.19	1376.92	-0.39	0.0	0.0	0.0	0.0	0.0	0.0
432.52	77.79	6.987e+05	478.75	1157.27	1376.40	-0.39	0.0	0.0	0.0	0.0	0.0	0.0
432.47	77.71	6.988e+05	478.33	1199.36	1375.87	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
432.38	239.09	6.990e+05	1471.89	1623.01	1475.48	-52.62	0.0	0.0	0.0	0.0	0.0	0.0
432.31	252.02	6.992e+05	1551.85	2011.69	1453.24	-51.14	0.0	0.0	0.0	0.0	0.0	0.0
432.25	164.03	6.994e+05	1010.13	1906.62	1367.01	-51.40	0.0	0.0	0.0	0.0	0.0	0.0
432.20	254.76	6.997e+05	1569.11	2072.21	1436.06	-51.66	0.0	0.0	0.0	0.0	0.0	0.0
432.14	163.68	6.998e+05	1008.22	1996.23	1365.88	-51.92	0.0	0.0	0.0	0.0	0.0	0.0
432.09	265.63	7.001e+05	1636.47	2136.71	1421.59	-52.18	0.0	0.0	0.0	0.0	0.0	0.0
432.03	77.09	7.002e+05	474.98	1536.02	1371.66	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
431.97	608.65	7.008e+05	3750.59	1681.98	1163.84	-88.73	0.0	0.0	0.0	0.0	0.0	0.0
431.89	366.17	7.011e+05	2256.72	1378.00	1061.67	-96.95	0.0	0.0	0.0	0.0	0.0	0.0
431.82	545.05	7.017e+05	3359.67	1565.05	1170.72	-105.16	0.0	0.0	0.0	0.0	0.0	0.0
431.76	7641.46	7.093e+05	4.711e+04	1200.05	417.14	-160.80	0.0	23.84	419.72	0.037	11.022	0.067
431.66	442.06	7.098e+05	2725.91	1295.93	1115.15	-127.43	0.0	0.0	0.0	0.0	0.0	0.0
431.60	535.76	7.103e+05	3304.20	1678.79	1160.22	-138.01	0.0	0.0	0.0	0.0	0.0	0.0
431.54	1187.65	7.115e+05	7325.79	383.77	897.89	-145.97	0.0	0.0	0.0	0.0	0.0	0.0
431.46	340.01	7.118e+05	2097.59	2328.88	1331.76	-52.69	0.0	0.0	0.0	0.0	0.0	0.0
431.40	263.51	7.121e+05	1626.01	2463.92	1302.05	-50.84	0.0	0.0	0.0	0.0	0.0	0.0
431.33	161.23	7.123e+05	994.98	2618.92	1358.05	-51.10	0.0	0.0	0.0	0.0	0.0	0.0
431.27	251.81	7.125e+05	1554.18	2528.92	1287.32	-51.36	0.0	0.0	0.0	0.0	0.0	0.0
431.22	75.92	7.126e+05	468.66	2167.26	1363.75	-0.38	0.0	0.0	0.0	0.0	0.0	0.0
431.17	255.23	7.128e+05	1575.65	2601.30	1274.62	-49.52	0.0	0.0	0.0	0.0	0.0	0.0
431.11	72.44	7.129e+05	447.27	2251.27	1349.53	-0.37	0.0	0.0	0.0	0.0	0.0	0.0
431.06	83.87	7.130e+05	517.89	2289.64	1063.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.05	367.86	7.134e+05	2576.52	906.67	1057.91	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.00	6.758e+04	7.809e+05	4.734e+05	1991.22	876.40	-185.71	0.0	2872.84	1561.62	0.765	0.590	0.692
379.94	399.29	7.813e+05	2797.43	598.34	581.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
379.88	1189.00	7.825e+05	8331.60	356.32	582.74	-12.01	0.0	0.0	0.0	0.0	0.0	0.0
379.82	348.05	7.829e+05	2439.23	118.07	583.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285.00	4.354e+04	8.264e+05	4.066e+05	1917.36	858.79	-185.71	0.0	2796.69	1404.16	0.580	0.534	0.726
190.00	2.689e+04	8.533e+05	3.767e+05	1907.63	868.16	-185.71	0.0	2798.13	1430.45	0.594	0.546	0.731
95.00	1.303e+04	8.663e+05	3.652e+05	1918.31	865.90	-185.71	0.0	2798.13	1430.45	0.594	0.539	0.734
Risulta	8.663e+05		4.504e+06									

RISULTATI NODALI

LEGENDA RISULTATI NODALI

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

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

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

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

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	1	0.0	0.0	0.0	0.0	0.0	0.0
1	2	0.0	0.0	0.0	0.0	0.0	0.0
1	3	0.0	0.0	0.0	0.0	0.0	0.0
...							
6134	98	0.01	1.18e-04	-0.05	0.0	5.56e-06	-6.40e-06
Nodo		**Traslazione X**	**Traslazione Y**	**Traslazione Z**	**Rotazione X**	**Rotazione Y**	**Rotazione Z**
		-1.99	-2.66	-0.34	-0.03	-0.02	-3.71e-03
		1.98	2.76	0.22	0.03	0.02	0.01

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm
1	1	1377.96	-2328.40	-3.680e+04	9.613e+04	3.485e+04	7744.99
1	2	1359.38	-2269.19	-3.735e+04	9.387e+04	3.473e+04	7365.23
1	3	1444.20	-2526.59	-3.963e+04	1.087e+05	3.828e+04	7168.58
...							
4148	98	109.57	-61.86	-9956.48	7947.19	85.82	2043.86
Nodo		**Azione X**	**Azione Y**	**Azione Z**	**Azione RX**	**Azione RY**	**Azione RZ**
		-4.803e+04	-9.484e+04	-1.594e+05	-5.085e+06	-2.256e+06	-5.905e+05
		4.493e+04	9.277e+04	6.233e+04	5.221e+06	2.319e+06	5.361e+05

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm
1	37	5651.71	-2.645e+04	-1.122e+05	1.389e+06	3.411e+04	1.132e+05
	40	-3469.01	2.269e+04	5.234e+04	-1.229e+06	2.311e+04	-1.021e+05
	38	-1.071e+04	2.468e+04	2.209e+04	-1.281e+06	-2.233e+05	-1.254e+05
	39	1.289e+04	-2.845e+04	-8.195e+04	1.441e+06	2.805e+05	1.365e+05
	18	-1.342e+04	9116.38	-6.022e+04	-4.065e+05	-4.206e+05	-6.911e+04
	19	1.561e+04	-1.288e+04	347.66	5.668e+05	4.778e+05	8.025e+04
4	37	3910.58	-1.189e+04	-8.245e+04	2.538e+06	4.782e+04	1.106e+05
	40	-907.36	1.031e+04	2.181e+04	-2.223e+06	-4.187e+04	-1.125e+05
	38	-1.405e+04	1.037e+04	3015.08	-2.281e+06	-4.297e+04	-1.222e+05
	39	1.705e+04	-1.195e+04	-6.365e+04	2.597e+06	4.892e+04	1.203e+05
	38	-1.405e+04	1.037e+04	3015.08	-2.281e+06	-4.297e+04	-1.222e+05
	39	1.705e+04	-1.195e+04	-6.365e+04	2.597e+06	4.892e+04	1.203e+05
12	37	-2171.47	-7906.81	-5.754e+04	2.306e+06	4.343e+04	3.597e+04
	40	4601.05	6416.05	-1888.46	-1.946e+06	-3.665e+04	-4.959e+04
	38	-1.053e+04	6265.91	-1.111e+04	-1.993e+06	-3.754e+04	-5.126e+04
	39	1.296e+04	-7756.67	-4.832e+04	2.353e+06	4.432e+04	3.764e+04
	38	-1.053e+04	6265.91	-1.111e+04	-1.993e+06	-3.754e+04	-5.126e+04
	39	1.296e+04	-7756.67	-4.832e+04	2.353e+06	4.432e+04	3.764e+04
17	37	-5649.10	-7054.92	-4.866e+04	2.259e+06	4.256e+04	7681.21
	40	7664.18	5323.61	-1.137e+04	-1.845e+06	-3.476e+04	-1.758e+04
	38	-8391.08	5150.32	-1.481e+04	-1.889e+06	-3.558e+04	-1.910e+04
	39	1.041e+04	-6881.62	-4.521e+04	2.303e+06	4.338e+04	9204.49
	38	-8391.08	5150.32	-1.481e+04	-1.889e+06	-3.558e+04	-1.910e+04
	39	1.041e+04	-6881.62	-4.521e+04	2.303e+06	4.338e+04	9204.49
22	39	8121.00	-6653.65	-4.810e+04	2.274e+06	4.284e+04	1.317e+04
	38	-6645.62	4811.45	-1.388e+04	-1.841e+06	-3.469e+04	-1.089e+04
	38	-6645.62	4811.45	-1.388e+04	-1.841e+06	-3.469e+04	-1.089e+04
	39	8121.00	-6653.65	-4.810e+04	2.274e+06	4.284e+04	1.317e+04
	38	-6645.62	4811.45	-1.388e+04	-1.841e+06	-3.469e+04	-1.089e+04
	39	8121.00	-6653.65	-4.810e+04	2.274e+06	4.284e+04	1.317e+04
27	39	5350.04	-6426.01	-5.687e+04	2.200e+06	4.145e+04	1.799e+04

	38	-4799.31	4768.30	-9099.14	-1.805e+06	-3.401e+04	106.52
	38	-4799.31	4768.30	-9099.14	-1.805e+06	-3.401e+04	106.52
	39	5350.04	-6426.01	-5.687e+04	2.200e+06	4.145e+04	1.799e+04
	38	-4799.31	4768.30	-9099.14	-1.805e+06	-3.401e+04	106.52
	39	5350.04	-6426.01	-5.687e+04	2.200e+06	4.145e+04	1.799e+04
32	39	1178.34	-7124.88	-7.506e+04	2.147e+06	4.045e+04	-2.293e+04
	38	-2496.36	6028.38	737.24	-1.853e+06	-3.490e+04	5.622e+04
	40	1.295e+04	6614.70	-1.249e+04	-1.858e+06	-3.501e+04	6.499e+04
	37	-1.427e+04	-7711.20	-6.183e+04	2.153e+06	4.056e+04	-3.170e+04
	40	1.295e+04	6614.70	-1.249e+04	-1.858e+06	-3.501e+04	6.499e+04
	37	-1.427e+04	-7711.20	-6.183e+04	2.153e+06	4.056e+04	-3.170e+04
37	39	-7620.95	-1.618e+04	-1.195e+05	2.430e+06	4.577e+04	-2.081e+05
	38	1120.62	1.575e+04	2.157e+04	-2.279e+06	-4.293e+04	2.416e+05
	40	1.416e+04	1.717e+04	-6338.51	-2.328e+06	-4.385e+04	2.585e+05
	37	-2.066e+04	-1.761e+04	-9.159e+04	2.479e+06	4.670e+04	-2.251e+05
	40	1.416e+04	1.717e+04	-6338.51	-2.328e+06	-4.385e+04	2.585e+05
	37	-2.066e+04	-1.761e+04	-9.159e+04	2.479e+06	4.670e+04	-2.251e+05
42	39	-1.208e+04	-9.484e+04	-1.594e+05	1.501e+06	1.532e+05	-2.968e+05
	38	2955.75	5.569e+04	4.741e+04	-1.451e+06	-1.356e+05	3.136e+05
	40	7454.81	4.904e+04	5453.69	-1.511e+06	9.926e+04	2.007e+05
	37	-1.658e+04	-8.818e+04	-1.175e+05	1.561e+06	-8.166e+04	-1.839e+05
	18	-9130.08	1.310e+04	3.865e+04	-3.276e+05	-3.907e+05	2.712e+05
	19	6.58	-5.224e+04	-1.507e+05	3.777e+05	4.083e+05	-2.544e+05
47	18	-3011.43	8749.22	-5.581e+04	-4.350e+04	-6.464e+05	-3.742e+04
	19	3314.40	-1.312e+04	1.029e+04	4.934e+04	7.332e+05	4.033e+04
	18	-3011.43	8749.22	-5.581e+04	-4.350e+04	-6.464e+05	-3.742e+04
	19	3314.40	-1.312e+04	1.029e+04	4.934e+04	7.332e+05	4.033e+04
	18	-3011.43	8749.22	-5.581e+04	-4.350e+04	-6.464e+05	-3.742e+04
	19	3314.40	-1.312e+04	1.029e+04	4.934e+04	7.332e+05	4.033e+04
52	38	498.77	7618.10	-4.580e+04	-6257.21	-9.297e+04	-1.155e+04
	39	-367.94	-8855.38	2.960e+04	8630.17	1.282e+05	1.130e+04
	18	-803.45	2456.70	-3.023e+04	-1.684e+04	-2.503e+05	-8311.22
	19	934.28	-3693.98	1.404e+04	1.922e+04	2.855e+05	8059.17
	18	-803.45	2456.70	-3.023e+04	-1.684e+04	-2.503e+05	-8311.22
	19	934.28	-3693.98	1.404e+04	1.922e+04	2.855e+05	8059.17
57	37	114.35	-1.221e+04	-7.283e+04	526.73	7826.22	1.885e+04
	40	211.37	1.168e+04	4.418e+04	2208.50	3.281e+04	-1.678e+04
	18	-1588.00	2904.23	-9543.17	-2.260e+04	-3.358e+05	6553.97
	19	1913.73	-3435.32	-1.911e+04	2.534e+04	3.764e+05	-4483.38
	18	-1588.00	2904.23	-9543.17	-2.260e+04	-3.358e+05	6553.97
	19	1913.73	-3435.32	-1.911e+04	2.534e+04	3.764e+05	-4483.38
62	37	-1797.92	-3.324e+04	-7.604e+04	-3212.98	-4.774e+04	5.855e+04
	40	2381.66	3.192e+04	2.177e+04	8309.54	1.235e+05	-5.322e+04
	18	-4070.81	7560.46	-4.122e+04	-4.706e+04	-6.992e+05	1.603e+04
	19	4654.56	-8889.42	-1.306e+04	5.215e+04	7.749e+05	-1.070e+04
	18	-4070.81	7560.46	-4.122e+04	-4.706e+04	-6.992e+05	1.603e+04
	19	4654.56	-8889.42	-1.306e+04	5.215e+04	7.749e+05	-1.070e+04
67	18	-1.762e+04	1.265e+04	-1.230e+05	-9.070e+05	-7.321e+05	-4.487e+04
	19	1.913e+04	-1.570e+04	2.531e+04	1.007e+06	7.900e+05	7.724e+04
	38	1410.76	4.608e+04	-9.029e+04	-2.751e+06	-1.727e+05	-2.304e+05
	39	95.22	-4.913e+04	-7390.62	2.850e+06	2.307e+05	2.628e+05
	13	-2.132e+04	-1.190e+04	-1.127e+05	5.289e+05	-7.545e+05	8.081e+04
	16	2.283e+04	8852.03	1.503e+04	-4.291e+05	8.124e+05	-4.845e+04
72	38	1353.99	1.005e+04	-5.902e+04	-4500.34	-6.687e+04	-2.869e+04
	39	-1326.06	-1.078e+04	3.555e+04	6007.26	8.926e+04	3.433e+04
	17	-3492.89	-2987.39	-1.447e+04	-2.558e+04	-3.800e+05	5708.66
	20	3520.82	2263.62	-9000.12	2.708e+04	4.024e+05	-73.85
	17	-3492.89	-2987.39	-1.447e+04	-2.558e+04	-3.800e+05	5708.66
	20	3520.82	2263.62	-9000.12	2.708e+04	4.024e+05	-73.85
80	41	-1248.38	-4992.21	-3.111e+04	8.335e+05	-4137.34	3.469e+04
	44	1104.98	5021.43	5531.15	-8.339e+05	4139.33	-3.950e+04
	44	1104.98	5021.43	5531.15	-8.339e+05	4139.33	-3.950e+04
	41	-1248.38	-4992.21	-3.111e+04	8.335e+05	-4137.34	3.469e+04
	41	-1248.38	-4992.21	-3.111e+04	8.335e+05	-4137.34	3.469e+04
	44	1104.98	5021.43	5531.15	-8.339e+05	4139.33	-3.950e+04
87	42	5038.63	2.099e+04	-1.006e+05	-1.447e+06	-8.421e+04	-9.805e+04
	43	-4570.16	-1.910e+04	4.920e+04	1.353e+06	7.315e+04	9.067e+04
	38	5783.47	2.128e+04	-9.795e+04	-1.451e+06	-6.611e+04	-1.011e+05
	39	-5315.00	-1.939e+04	4.656e+04	1.357e+06	5.505e+04	9.368e+04
	22	-6904.41	3265.50	-7.570e+04	-3.657e+05	-2.453e+05	-1866.36
	23	7372.88	-1374.46	2.431e+04	2.717e+05	2.342e+05	-5506.71
92	41	-221.94	-1.023e+04	-6.399e+04	-3035.37	-4.510e+04	2.107e+04
	44	352.78	1.059e+04	3.751e+04	3077.11	4.572e+04	-2.101e+04
	26	-2752.61	3377.59	-1.180e+04	-2.475e+04	-3.677e+05	-2686.33
	27	2883.45	-3011.33	-1.468e+04	2.479e+04	3.683e+05	2752.97
	26	-2752.61	3377.59	-1.180e+04	-2.475e+04	-3.677e+05	-2686.33
	27	2883.45	-3011.33	-1.468e+04	2.479e+04	3.683e+05	2752.97

97	25	-1.207e+04	-8121.37	-9.100e+04	2.149e+05	-5.905e+05	1.698e+04
	28	1.253e+04	9405.59	1.421e+04	-2.377e+05	5.882e+05	-1.690e+04
	38	-3307.68	3.508e+04	-1.224e+04	-1.022e+06	-2.625e+05	-1.005e+05
	39	3764.96	-3.380e+04	-6.455e+04	9.989e+05	2.602e+05	1.006e+05
	26	-1.209e+04	1.216e+04	-6.834e+04	-3.769e+05	-6.419e+05	-3.980e+04
	27	1.254e+04	-1.088e+04	-8443.19	3.542e+05	6.396e+05	3.987e+04
127	25	-1.725e+04	-2607.78	-5.184e+04	4.727e+05	-2385.46	1.736e+04
	28	1.758e+04	3015.71	-6126.30	-4.990e+05	2518.05	-2.640e+04
	38	-5023.75	1.117e+04	-2.360e+04	-1.803e+06	9096.69	-1.072e+05
	39	5353.80	-1.076e+04	-3.437e+04	1.776e+06	-8964.09	9.816e+04
	39	5353.80	-1.076e+04	-3.437e+04	1.776e+06	-8964.09	9.816e+04
	38	-5023.75	1.117e+04	-2.360e+04	-1.803e+06	9096.69	-1.072e+05
132	25	-2.079e+04	-1765.57	-4.216e+04	4.343e+05	-2191.97	7781.60
	28	2.061e+04	1794.08	-1.472e+04	-4.240e+05	2139.90	-1.889e+04
	38	-4980.80	6707.94	-2.390e+04	-1.526e+06	7704.31	-6.738e+04
	39	4799.83	-6679.43	-3.298e+04	1.537e+06	-7756.39	5.628e+04
	39	4799.83	-6679.43	-3.298e+04	1.537e+06	-7756.39	5.628e+04
	38	-4980.80	6707.94	-2.390e+04	-1.526e+06	7704.31	-6.738e+04
137	41	-8745.66	-5160.48	-3.841e+04	1.414e+06	-7130.39	2.095e+04
	44	7893.89	4892.04	-1.847e+04	-1.371e+06	6910.44	-2.937e+04
	38	-4999.09	4977.80	-2.234e+04	-1.381e+06	6961.88	-3.136e+04
	39	4147.32	-5246.24	-3.454e+04	1.425e+06	-7181.82	2.294e+04
	39	4147.32	-5246.24	-3.454e+04	1.425e+06	-7181.82	2.294e+04
	38	-4999.09	4977.80	-2.234e+04	-1.381e+06	6961.88	-3.136e+04
142	10	-1236.98	-334.11	-3.937e+04	5.060e+04	-255.41	-3062.17
	44	8220.59	4322.61	-1.894e+04	-1.323e+06	6676.38	-6343.24
	42	-5330.71	4396.77	-2.011e+04	-1.329e+06	6705.25	-7283.12
	43	3591.04	-4827.08	-3.811e+04	1.393e+06	-7028.12	3205.06
	43	3591.04	-4827.08	-3.811e+04	1.393e+06	-7028.12	3205.06
	42	-5330.71	4396.77	-2.011e+04	-1.329e+06	6705.25	-7283.12
147	43	2293.74	-4908.88	-4.503e+04	1.404e+06	-7083.91	-6788.55
	42	-4799.27	4450.26	-1.588e+04	-1.334e+06	6730.27	6453.39
	42	-4799.27	4450.26	-1.588e+04	-1.334e+06	6730.27	6453.39
	43	2293.74	-4908.88	-4.503e+04	1.404e+06	-7083.91	-6788.55
	43	2293.74	-4908.88	-4.503e+04	1.404e+06	-7083.91	-6788.55
	42	-4799.27	4450.26	-1.588e+04	-1.334e+06	6730.27	6453.39
152	27	6449.99	-887.36	-3.734e+04	2.266e+05	-1142.27	-767.27
	26	-7432.93	676.60	7064.18	-1.916e+05	965.92	1154.20
	42	-1713.56	2384.82	-3909.89	-6.723e+05	3389.50	4219.01
	43	730.63	-2595.59	-2.637e+04	7.073e+05	-3565.85	-3832.08
	43	730.63	-2595.59	-2.637e+04	7.073e+05	-3565.85	-3832.08
	42	-1713.56	2384.82	-3909.89	-6.723e+05	3389.50	4219.01
157	25	-5335.15	-575.95	-3.554e+04	1.766e+05	-876.16	-4304.14
	28	6038.72	523.01	1.248e+04	-1.806e+05	895.82	6920.28
	38	-499.33	2375.80	-4263.84	-6.259e+05	3104.75	1.923e+04
	39	1202.90	-2428.74	-1.880e+04	6.219e+05	-3085.09	-1.662e+04
	39	1202.90	-2428.74	-1.880e+04	6.219e+05	-3085.09	-1.662e+04
	38	-499.33	2375.80	-4263.84	-6.259e+05	3104.75	1.923e+04
162	41	-5804.00	-6042.20	-5.474e+04	1.274e+06	-6328.48	-4.877e+04
	44	7961.25	6131.91	7717.85	-1.287e+06	6393.01	5.428e+04
	38	-1150.07	6358.57	-1095.82	-1.297e+06	6442.80	5.338e+04
	39	3307.31	-6268.86	-4.592e+04	1.284e+06	-6378.27	-4.786e+04
	39	3307.31	-6268.86	-4.592e+04	1.284e+06	-6378.27	-4.786e+04
	38	-1150.07	6358.57	-1095.82	-1.297e+06	6442.80	5.338e+04
167	41	-7891.92	-9383.62	-5.913e+04	1.422e+06	-7070.55	-6.388e+04
	44	9589.45	9632.16	1.435e+04	-1.445e+06	7186.91	6.551e+04
	38	-975.54	9895.51	1.198e+04	-1.452e+06	7221.28	5.976e+04
	39	2673.07	-9646.97	-5.676e+04	1.428e+06	-7104.92	-5.813e+04
	39	2673.07	-9646.97	-5.676e+04	1.428e+06	-7104.92	-5.813e+04
	38	-975.54	9895.51	1.198e+04	-1.452e+06	7221.28	5.976e+04
172	41	-6209.36	-2.269e+04	-9.582e+04	1.241e+06	-6.686e+04	-2.354e+04
	44	7003.08	2.289e+04	4.323e+04	-1.258e+06	8.536e+04	1.922e+04
	38	-3979.04	2.291e+04	4.195e+04	-1.269e+06	-1.301e+05	-4768.14
	39	4772.76	-2.271e+04	-9.454e+04	1.252e+06	1.486e+05	440.80
	26	-1.811e+04	6932.88	-7959.83	-4.033e+05	-3.718e+05	-3.974e+04
	27	1.891e+04	-6735.04	-4.463e+04	3.861e+05	3.903e+05	3.541e+04
177	26	-2388.19	340.21	-1.975e+04	-5.499e+04	273.61	-145.35
	27	2662.66	-453.19	7431.98	6.085e+04	-302.76	1955.40
	30	-736.79	1070.55	-1.029e+04	-2.167e+05	1078.40	3847.21
	31	1011.26	-1183.54	-2023.20	2.226e+05	-1107.55	-2037.16
	31	1011.26	-1183.54	-2023.20	2.226e+05	-1107.55	-2037.16
	30	-736.79	1070.55	-1.029e+04	-2.167e+05	1078.40	3847.21
192	27	4082.83	-289.74	-2.921e+04	8.798e+04	-437.95	1340.31
	26	-4051.16	150.62	1.347e+04	-6.936e+04	345.27	-1680.92
	30	-1547.92	670.86	1265.47	-2.678e+05	1333.21	-5055.34
	31	1579.59	-809.97	-1.701e+04	2.864e+05	-1425.89	4714.73
	31	1579.59	-809.97	-1.701e+04	2.864e+05	-1425.89	4714.73

	30	-1547.92	670.86	1265.47	-2.678e+05	1333.21	-5055.34
197	27	1.197e+04	-672.20	-3.681e+04	1.758e+05	-874.90	3431.50
	26	-1.246e+04	414.52	4906.30	-1.385e+05	689.39	-4384.96
	30	-4909.62	1625.12	-5535.30	-5.349e+05	2662.90	-1.306e+04
	31	4428.90	-1882.80	-2.636e+04	5.722e+05	-2848.41	1.211e+04
	31	4428.90	-1882.80	-2.636e+04	5.722e+05	-2848.41	1.211e+04
	30	-4909.62	1625.12	-5535.30	-5.349e+05	2662.90	-1.306e+04
202	23	1.471e+04	-860.03	-2.466e+04	2.056e+05	-1021.51	3121.63
	22	-1.496e+04	618.74	-6903.88	-1.698e+05	843.64	-4269.31
	30	-5855.97	1897.86	-9263.99	-5.541e+05	2752.58	-1.420e+04
	31	5606.55	-2139.15	-2.229e+04	5.899e+05	-2930.45	1.305e+04
	31	5606.55	-2139.15	-2.229e+04	5.899e+05	-2930.45	1.305e+04
	30	-5855.97	1897.86	-9263.99	-5.541e+05	2752.58	-1.420e+04
207	10	79.93	-160.77	-2.160e+04	2.385e+04	-118.48	-943.98
	30	-6198.24	2060.74	-1.047e+04	-5.763e+05	2863.14	-1.396e+04
	30	-6198.24	2060.74	-1.047e+04	-5.763e+05	2863.14	-1.396e+04
	31	6267.25	-2289.14	-2.086e+04	6.102e+05	-3031.40	1.262e+04
	31	6267.25	-2289.14	-2.086e+04	6.102e+05	-3031.40	1.262e+04
	30	-6198.24	2060.74	-1.047e+04	-5.763e+05	2863.14	-1.396e+04
212	10	341.55	-149.49	-2.170e+04	2.223e+04	-110.44	-1129.55
	36	2967.82	2094.30	-1.031e+04	-5.841e+05	2901.61	-1.471e+04
	30	-6127.29	2191.98	-1.118e+04	-5.985e+05	2973.23	-1.405e+04
	31	6574.73	-2404.37	-2.028e+04	6.301e+05	-3130.02	1.244e+04
	31	6574.73	-2404.37	-2.028e+04	6.301e+05	-3130.02	1.244e+04
	30	-6127.29	2191.98	-1.118e+04	-5.985e+05	2973.23	-1.405e+04
217	21	-1.350e+04	-699.86	-2.437e+04	1.869e+05	-928.29	4422.39
	24	1.424e+04	513.10	-7569.59	-1.580e+05	785.03	-6285.39
	30	-5659.11	2355.33	-1.258e+04	-6.209e+05	3084.79	-1.444e+04
	31	6394.66	-2542.09	-1.936e+04	6.498e+05	-3228.06	1.258e+04
	31	6394.66	-2542.09	-1.936e+04	6.498e+05	-3228.06	1.258e+04
	30	-5659.11	2355.33	-1.258e+04	-6.209e+05	3084.79	-1.444e+04
222	21	-1.095e+04	-799.72	-3.619e+04	1.930e+05	-960.80	4237.93
	24	1.184e+04	655.87	3884.54	-1.668e+05	830.22	-6075.72
	30	-4581.26	2623.03	-1.661e+04	-6.408e+05	3189.95	-1.370e+04
	31	5469.98	-2766.88	-1.570e+04	6.671e+05	-3320.53	1.186e+04
	31	5469.98	-2766.88	-1.570e+04	6.671e+05	-3320.53	1.186e+04
	30	-4581.26	2623.03	-1.661e+04	-6.408e+05	3189.95	-1.370e+04
227	21	-3745.98	-454.87	-2.822e+04	9.637e+04	-479.71	1485.29
	24	3843.57	406.22	1.249e+04	-8.319e+04	414.10	-2174.80
	30	-1588.09	1455.60	-1.225e+04	-3.199e+05	1592.63	-4753.11
	31	1685.68	-1504.26	-3477.80	3.331e+05	-1658.24	4063.59
	31	1685.68	-1504.26	-3477.80	3.331e+05	-1658.24	4063.59
	30	-1588.09	1455.60	-1.225e+04	-3.199e+05	1592.63	-4753.11
242	23	4045.63	-370.98	-3.049e+04	1.132e+05	-563.55	3419.96
	22	-4128.62	424.38	1.424e+04	-1.257e+05	625.83	-5467.70
	30	-1525.31	1719.18	7119.51	-4.115e+05	2048.76	-1.123e+04
	31	1442.33	-1665.79	-2.337e+04	3.990e+05	-1986.48	9178.77
	31	1442.33	-1665.79	-2.337e+04	3.990e+05	-1986.48	9178.77
	30	-1525.31	1719.18	7119.51	-4.115e+05	2048.76	-1.123e+04
247	35	4202.46	-3978.04	-4.083e+04	7.996e+05	-3980.64	2.468e+04
	34	-5025.76	4241.62	7616.69	-8.251e+05	4107.95	-3.005e+04
	36	2119.54	4340.56	-2748.26	-8.276e+05	4120.24	-2.721e+04
	33	-2942.84	-4076.99	-3.046e+04	8.020e+05	-3992.93	2.184e+04
	33	-2942.84	-4076.99	-3.046e+04	8.020e+05	-3992.93	2.184e+04
	36	2119.54	4340.56	-2748.26	-8.276e+05	4120.24	-2.721e+04
252	35	5452.33	-5425.04	-3.975e+04	8.456e+05	-4201.02	2.812e+04
	34	-6073.92	5931.41	7222.40	-8.800e+05	4372.11	-3.264e+04
	30	-5882.88	5945.64	7208.61	-8.825e+05	4384.36	-3.261e+04
	31	5261.29	-5439.27	-3.974e+04	8.480e+05	-4213.27	2.809e+04
	31	5261.29	-5439.27	-3.974e+04	8.480e+05	-4213.27	2.809e+04
	30	-5882.88	5945.64	7208.61	-8.825e+05	4384.36	-3.261e+04
257	31	4594.20	-1.087e+04	-5.253e+04	7.700e+05	3.404e+04	1.165e+04
	30	-4743.93	1.189e+04	1.553e+04	-8.049e+05	-3.455e+04	-1.189e+04
	30	-4743.93	1.189e+04	1.553e+04	-8.049e+05	-3.455e+04	-1.189e+04
	31	4594.20	-1.087e+04	-5.253e+04	7.700e+05	3.404e+04	1.165e+04
	21	-1.477e+04	-2710.79	-2.876e+04	2.104e+05	-1.315e+05	-1.754e+04
	24	1.462e+04	3732.67	-8243.86	-2.453e+05	1.310e+05	1.730e+04
263	18	-3.105e+04	7144.72	-8.100e+04	-1.612e+06	8130.52	-7.759e+04
	19	3.235e+04	-8311.11	-1.384e+04	1.747e+06	-8816.27	1.302e+05
	38	-3005.81	2.303e+04	-6.196e+04	-5.085e+06	2.566e+04	-3.366e+05
	39	4304.91	-2.420e+04	-3.288e+04	5.221e+06	-2.634e+04	3.892e+05
	39	4304.91	-2.420e+04	-3.288e+04	5.221e+06	-2.634e+04	3.892e+05
	38	-3005.81	2.303e+04	-6.196e+04	-5.085e+06	2.566e+04	-3.366e+05
265	30	-3499.94	4397.47	-2.174e+04	-1.230e+06	2.492e+04	1.522e+04
	31	3624.48	-3920.15	-3733.74	1.107e+06	-2.242e+04	-2.404e+04
	30	-3499.94	4397.47	-2.174e+04	-1.230e+06	2.492e+04	1.522e+04
	31	3624.48	-3920.15	-3733.74	1.107e+06	-2.242e+04	-2.404e+04

	31	3624.48	-3920.15	-3733.74	1.107e+06	-2.242e+04	-2.404e+04
	30	-3499.94	4397.47	-2.174e+04	-1.230e+06	2.492e+04	1.522e+04
270	30	-3446.28	4057.96	-2.046e+04	-1.220e+06	2.471e+04	9418.14
	31	3578.93	-3527.19	-4948.61	1.086e+06	-2.199e+04	-1.905e+04
	30	-3446.28	4057.96	-2.046e+04	-1.220e+06	2.471e+04	9418.14
	31	3578.93	-3527.19	-4948.61	1.086e+06	-2.199e+04	-1.905e+04
	31	3578.93	-3527.19	-4948.61	1.086e+06	-2.199e+04	-1.905e+04
	30	-3446.28	4057.96	-2.046e+04	-1.220e+06	2.471e+04	9418.14
275	30	-3379.37	3846.16	-1.943e+04	-1.216e+06	2.464e+04	4541.33
	31	3518.52	-3255.54	-5923.41	1.071e+06	-2.169e+04	-1.446e+04
	30	-3379.37	3846.16	-1.943e+04	-1.216e+06	2.464e+04	4541.33
	31	3518.52	-3255.54	-5923.41	1.071e+06	-2.169e+04	-1.446e+04
	31	3518.52	-3255.54	-5923.41	1.071e+06	-2.169e+04	-1.446e+04
	30	-3379.37	3846.16	-1.943e+04	-1.216e+06	2.464e+04	4541.33
280	30	-3305.53	3719.61	-1.861e+04	-1.216e+06	2.464e+04	961.90
	31	3449.29	-3068.16	-6718.86	1.060e+06	-2.147e+04	-1.070e+04
	36	2340.03	3597.34	-1.837e+04	-1.216e+06	2.465e+04	-229.63
	33	-2196.26	-2945.90	-6953.45	1.060e+06	-2.148e+04	-9508.82
	33	-2196.26	-2945.90	-6953.45	1.060e+06	-2.148e+04	-9508.82
	36	2340.03	3597.34	-1.837e+04	-1.216e+06	2.465e+04	-229.63
290	30	-3227.91	3648.63	-1.793e+04	-1.219e+06	2.470e+04	-1264.70
	31	3374.34	-2939.09	-7371.99	1.052e+06	-2.132e+04	-7907.11
	44	2626.15	3493.55	-1.765e+04	-1.226e+06	2.485e+04	-9888.01
	41	-2479.72	-2784.00	-7653.73	1.060e+06	-2.147e+04	716.19
	41	-2479.72	-2784.00	-7653.73	1.060e+06	-2.147e+04	716.19
	44	2626.15	3493.55	-1.765e+04	-1.226e+06	2.485e+04	-9888.01
293	10	-942.92	55.61	-6.601e+04	3727.62	-18.81	2.840e+04
	37	-1.548e+04	-1.390e+04	-4.287e+04	4.329e+06	-2.184e+04	2.608e+05
	38	-6202.26	1.436e+04	-5.368e+04	-4.404e+06	2.222e+04	-2.178e+05
	39	4997.75	-1.432e+04	-4.435e+04	4.417e+06	-2.229e+04	2.600e+05
	39	4997.75	-1.432e+04	-4.435e+04	4.417e+06	-2.229e+04	2.600e+05
	38	-6202.26	1.436e+04	-5.368e+04	-4.404e+06	2.222e+04	-2.178e+05
295	30	-3148.19	3612.15	-1.738e+04	-1.223e+06	2.479e+04	-2236.38
	31	3295.40	-2849.65	-7906.77	1.047e+06	-2.121e+04	-6061.40
	44	2700.61	3485.65	-1.718e+04	-1.240e+06	2.512e+04	-1.086e+04
	41	-2553.39	-2723.15	-8107.98	1.063e+06	-2.155e+04	2561.51
	41	-2553.39	-2723.15	-8107.98	1.063e+06	-2.155e+04	2561.51
	44	2700.61	3485.65	-1.718e+04	-1.240e+06	2.512e+04	-1.086e+04
300	10	99.21	554.95	-1.707e+04	-1.262e+05	2557.74	-4913.23
	39	2992.94	-2792.63	-8319.99	1.064e+06	-2.155e+04	2105.89
	44	2776.49	3496.88	-1.682e+04	-1.254e+06	2.540e+04	-1.075e+04
	41	-2630.23	-2688.17	-8460.21	1.069e+06	-2.165e+04	3558.39
	41	-2630.23	-2688.17	-8460.21	1.069e+06	-2.165e+04	3558.39
	44	2776.49	3496.88	-1.682e+04	-1.254e+06	2.540e+04	-1.075e+04
305	10	97.92	581.15	-1.707e+04	-1.312e+05	2657.45	-4029.39
	39	2904.53	-2766.95	-8611.90	1.067e+06	-2.163e+04	2357.49
	44	2853.77	3516.58	-1.656e+04	-1.266e+06	2.565e+04	-9723.56
	41	-2710.00	-2669.37	-8720.31	1.074e+06	-2.176e+04	3830.07
	41	-2710.00	-2669.37	-8720.31	1.074e+06	-2.176e+04	3830.07
	44	2853.77	3516.58	-1.656e+04	-1.266e+06	2.565e+04	-9723.56
310	10	95.82	601.69	-1.707e+04	-1.351e+05	2736.29	-3057.66
	39	2813.11	-2750.62	-8817.89	1.071e+06	-2.170e+04	2099.92
	44	2932.58	3537.44	-1.638e+04	-1.277e+06	2.587e+04	-8030.83
	41	-2792.57	-2660.01	-8894.76	1.079e+06	-2.186e+04	3560.05
	41	-2792.57	-2660.01	-8894.76	1.079e+06	-2.186e+04	3560.05
	44	2932.58	3537.44	-1.638e+04	-1.277e+06	2.587e+04	-8030.83
315	10	93.09	616.38	-1.708e+04	-1.378e+05	2792.74	-2026.12
	39	2718.76	-2739.46	-8941.43	1.073e+06	-2.175e+04	1513.27
	44	3013.04	3554.88	-1.629e+04	-1.285e+06	2.604e+04	-5889.77
	41	-2877.82	-2655.79	-8987.35	1.083e+06	-2.194e+04	2929.98
	41	-2877.82	-2655.79	-8987.35	1.083e+06	-2.194e+04	2929.98
	44	3013.04	3554.88	-1.629e+04	-1.285e+06	2.604e+04	-5889.77
318	20	1.287e+04	1386.73	-5.695e+04	-5.570e+05	2810.35	-1.607e+04
	17	-1.380e+04	-1026.36	6553.89	5.437e+05	-2743.16	3.091e+04
	38	-2730.33	5350.66	-2.216e+04	-2.108e+06	1.064e+04	-6.879e+04
	39	1801.92	-4990.29	-2.823e+04	2.095e+06	-1.057e+04	8.363e+04
	39	1801.92	-4990.29	-2.823e+04	2.095e+06	-1.057e+04	8.363e+04
	38	-2730.33	5350.66	-2.216e+04	-2.108e+06	1.064e+04	-6.879e+04
320	10	89.97	625.16	-1.708e+04	-1.395e+05	2825.83	-954.54
	39	2621.53	-2731.06	-8984.22	1.075e+06	-2.178e+04	757.33
	44	3095.38	3566.27	-1.629e+04	-1.291e+06	2.615e+04	-3489.09
	41	-2965.61	-2654.19	-9000.12	1.086e+06	-2.201e+04	2099.46
	41	-2965.61	-2654.19	-9000.12	1.086e+06	-2.201e+04	2099.46
	44	3095.38	3566.27	-1.629e+04	-1.291e+06	2.615e+04	-3489.09
325	10	523.04	2.92	-2.804e+04	-1754.79	9.914e+04	438.48
	30	-1312.10	1.818e+04	-1.908e+04	9300.64	-5.254e+05	-1.381e+04
	19	4728.15	-3407.59	-2.226e+04	-3.536e+04	1.998e+06	5.428e+04

	18	-3961.50	3404.46	-1.941e+04	3.278e+04	-1.852e+06	-5.367e+04
	18	-3961.50	3404.46	-1.941e+04	3.278e+04	-1.852e+06	-5.367e+04
	19	4728.15	-3407.59	-2.226e+04	-3.536e+04	1.998e+06	5.428e+04
327	27	9990.53	-3119.37	-4.592e+04	6.643e+04	6.037e+05	6234.32
	26	-8544.86	3584.83	6189.99	-6.657e+04	-5.702e+05	-2016.81
	30	-2399.61	1.635e+04	-1.050e+04	-2.547e+05	-1.809e+05	2.081e+04
	31	3845.28	-1.589e+04	-2.924e+04	2.546e+05	2.143e+05	-1.659e+04
	26	-8544.86	3584.83	6189.99	-6.657e+04	-5.702e+05	-2016.81
	27	9990.53	-3119.37	-4.592e+04	6.643e+04	6.037e+05	6234.32
332	27	4406.38	-1261.12	-2.509e+04	5323.57	5.508e+05	3.012e+04
	26	-3926.52	1849.02	-1012.58	-5093.19	-5.270e+05	-2.349e+04
	26	-3926.52	1849.02	-1012.58	-5093.19	-5.270e+05	-2.349e+04
	27	4406.38	-1261.12	-2.509e+04	5323.57	5.508e+05	3.012e+04
	26	-3926.52	1849.02	-1012.58	-5093.19	-5.270e+05	-2.349e+04
	27	4406.38	-1261.12	-2.509e+04	5323.57	5.508e+05	3.012e+04
337	27	3131.73	-1581.38	-2.107e+04	4717.02	4.881e+05	3.354e+04
	26	-2891.74	2182.79	-4350.77	-4604.60	-4.764e+05	-2.717e+04
	26	-2891.74	2182.79	-4350.77	-4604.60	-4.764e+05	-2.717e+04
	27	3131.73	-1581.38	-2.107e+04	4717.02	4.881e+05	3.354e+04
	26	-2891.74	2182.79	-4350.77	-4604.60	-4.764e+05	-2.717e+04
	27	3131.73	-1581.38	-2.107e+04	4717.02	4.881e+05	3.354e+04
342	24	2289.75	5660.08	-1.911e+04	4104.17	4.243e+05	2.692e+04
	21	-2198.96	-5045.61	-5865.97	-4082.81	-4.221e+05	-2.214e+04
	26	-2236.83	2428.43	-6129.86	-4175.32	-4.316e+05	-2.420e+04
	27	2327.63	-1813.96	-1.885e+04	4196.68	4.338e+05	2.898e+04
	26	-2236.83	2428.43	-6129.86	-4175.32	-4.316e+05	-2.420e+04
	27	2327.63	-1813.96	-1.885e+04	4196.68	4.338e+05	2.898e+04
347	24	1831.57	5483.02	-1.795e+04	3726.06	3.851e+05	2.094e+04
	21	-1826.04	-4862.83	-6673.75	-3764.68	-3.891e+05	-1.785e+04
	26	-1818.73	2611.84	-7275.34	-3823.00	-3.952e+05	-1.969e+04
	27	1824.26	-1991.65	-1.735e+04	3784.38	3.912e+05	2.278e+04
	26	-1818.73	2611.84	-7275.34	-3823.00	-3.952e+05	-1.969e+04
	27	1824.26	-1991.65	-1.735e+04	3784.38	3.912e+05	2.278e+04
352	24	1548.44	5292.99	-1.721e+04	3436.88	3.556e+05	1.553e+04
	21	-1587.46	-4674.22	-7141.72	-3509.83	-3.632e+05	-1.383e+04
	26	-1555.58	2739.64	-8106.26	-3541.50	-3.664e+05	-1.535e+04
	27	1516.56	-2120.87	-1.624e+04	3468.55	3.589e+05	1.704e+04
	26	-1555.58	2739.64	-8106.26	-3541.50	-3.664e+05	-1.535e+04
	27	1516.56	-2120.87	-1.624e+04	3468.55	3.589e+05	1.704e+04
357	24	1382.29	5087.23	-1.674e+04	3228.54	3.341e+05	1.076e+04
	21	-1441.28	-4476.70	-7385.13	-3316.74	-3.432e+05	-1.011e+04
	26	-1396.93	2816.92	-8774.27	-3327.05	-3.443e+05	-1.143e+04
	27	1337.95	-2206.39	-1.536e+04	3238.85	3.351e+05	1.208e+04
	26	-1396.93	2816.92	-8774.27	-3327.05	-3.443e+05	-1.143e+04
	27	1337.95	-2206.39	-1.536e+04	3238.85	3.351e+05	1.208e+04
362	36	460.48	1.367e+04	-1.659e+04	916.98	9.478e+04	-55.45
	33	-525.08	-1.307e+04	-7376.53	-1006.88	-1.041e+05	-53.00
	21	-1372.25	-4261.80	-7452.19	-3180.84	-3.288e+05	-6219.63
	24	1307.65	4856.50	-1.652e+04	3090.94	3.195e+05	6111.19
	21	-1372.25	-4261.80	-7452.19	-3180.84	-3.288e+05	-6219.63
	24	1307.65	4856.50	-1.652e+04	3090.94	3.195e+05	6111.19
367	36	481.53	1.312e+04	-1.769e+04	929.15	9.605e+04	-2177.30
	33	-543.41	-1.256e+04	-6173.97	-1010.90	-1.045e+05	1523.32
	21	-1394.77	-4016.96	-7354.06	-3102.66	-3.207e+05	-1492.67
	24	1332.89	4585.83	-1.651e+04	3020.91	3.123e+05	838.68
	21	-1394.77	-4016.96	-7354.06	-3102.66	-3.207e+05	-1492.67
	24	1332.89	4585.83	-1.651e+04	3020.91	3.123e+05	838.68
372	36	562.45	1.237e+04	-1.928e+04	977.65	1.012e+05	-4867.14
	33	-616.62	-1.184e+04	-4550.20	-1044.12	-1.080e+05	3827.34
	21	-1566.37	-3723.41	-7072.55	-3102.43	-3.210e+05	4715.80
	24	1512.20	4251.48	-1.676e+04	3035.96	3.141e+05	-5755.60
	21	-1566.37	-3723.41	-7072.55	-3102.43	-3.210e+05	4715.80
	24	1512.20	4251.48	-1.676e+04	3035.96	3.141e+05	-5755.60
377	36	754.84	1.129e+04	-2.162e+04	1074.75	1.112e+05	-7862.66
	33	-798.20	-1.082e+04	-2267.39	-1121.88	-1.161e+05	6593.56
	25	-2026.19	-2675.30	-7080.43	-3222.90	-3.335e+05	1.251e+04
	28	1982.82	3137.85	-1.681e+04	3175.77	3.286e+05	-1.378e+04
	25	-2026.19	-2675.30	-7080.43	-3222.90	-3.335e+05	1.251e+04
	28	1982.82	3137.85	-1.681e+04	3175.77	3.286e+05	-1.378e+04
382	36	1180.90	9635.99	-2.532e+04	1218.75	1.261e+05	-9440.50
	33	-1212.19	-9287.62	1238.53	-1249.46	-1.293e+05	8155.21
	25	-3142.50	-2247.20	-6357.42	-3499.01	-3.621e+05	1.791e+04
	28	3111.21	2595.57	-1.773e+04	3468.30	3.589e+05	-1.920e+04
	25	-3142.50	-2247.20	-6357.42	-3499.01	-3.621e+05	1.791e+04
	28	3111.21	2595.57	-1.773e+04	3468.30	3.589e+05	-1.920e+04
387	36	6787.48	1.187e+04	-6.678e+04	-1.275e+06	9.255e+04	-2.267e+04
	33	-6962.94	-1.140e+04	9948.42	1.208e+06	-9.315e+04	1.690e+04

	32	5480.82	1.191e+04	-6.638e+04	-1.276e+06	7.961e+04	-2.012e+04
	29	-5656.28	-1.145e+04	9547.33	1.209e+06	-8.021e+04	1.435e+04
	21	-1.833e+04	-3207.21	-1.066e+04	3.587e+05	-1.994e+05	1.872e+04
	24	1.816e+04	3672.58	-4.617e+04	-4.258e+05	1.988e+05	-2.449e+04
392	27	4487.67	-4000.49	-2.596e+04	5742.49	5.940e+05	-1.538e+04
	26	-3919.82	4153.30	-992.21	-5436.45	-5.624e+05	1.351e+04
	26	-3919.82	4153.30	-992.21	-5436.45	-5.624e+05	1.351e+04
	27	4487.67	-4000.49	-2.596e+04	5742.49	5.940e+05	-1.538e+04
	26	-3919.82	4153.30	-992.21	-5436.45	-5.624e+05	1.351e+04
	27	4487.67	-4000.49	-2.596e+04	5742.49	5.940e+05	-1.538e+04
397	19	3218.02	-3725.60	-2.260e+04	5410.61	5.597e+05	-1.049e+04
	18	-2852.60	3890.82	-3951.70	-5163.47	-5.341e+05	7451.40
	26	-2953.44	3994.84	-4041.77	-5173.60	-5.352e+05	1.300e+04
	27	3318.86	-3829.62	-2.251e+04	5420.74	5.608e+05	-1.604e+04
	26	-2953.44	3994.84	-4041.77	-5173.60	-5.352e+05	1.300e+04
	27	3318.86	-3829.62	-2.251e+04	5420.74	5.608e+05	-1.604e+04
402	15	2513.10	-4274.46	-2.032e+04	5061.65	5.232e+05	-4378.62
	14	-2285.20	4449.73	-5025.53	-4871.09	-5.035e+05	1930.09
	18	-2310.02	3592.33	-5040.45	-4893.98	-5.059e+05	1852.80
	19	2537.92	-3417.05	-2.031e+04	5084.54	5.256e+05	-4301.33
	18	-2310.02	3592.33	-5040.45	-4893.98	-5.059e+05	1852.80
	19	2537.92	-3417.05	-2.031e+04	5084.54	5.256e+05	-4301.33
407	15	2187.88	-3952.57	-1.886e+04	4842.77	5.007e+05	1267.52
	14	-2034.62	4144.09	-5394.01	-4689.46	-4.849e+05	-2807.79
	18	-2057.16	3313.21	-5419.58	-4712.38	-4.872e+05	-2878.50
	19	2210.42	-3121.69	-1.884e+04	4865.69	5.031e+05	1338.23
	18	-2057.16	3313.21	-5419.58	-4712.38	-4.872e+05	-2878.50
	19	2210.42	-3121.69	-1.884e+04	4865.69	5.031e+05	1338.23
412	15	2164.34	-3819.43	-1.866e+04	4880.64	5.046e+05	4229.27
	14	-2040.17	4032.49	-5624.32	-4742.27	-4.903e+05	-5029.61
	18	-2062.60	3196.77	-5657.69	-4766.17	-4.928e+05	-5087.26
	19	2186.77	-2983.71	-1.863e+04	4904.54	5.071e+05	4286.91
	18	-2062.60	3196.77	-5657.69	-4766.17	-4.928e+05	-5087.26
	19	2186.77	-2983.71	-1.863e+04	4904.54	5.071e+05	4286.91
417	15	2382.19	-4094.60	-2.098e+04	-1078.52	5.882e+05	6357.03
	14	-2254.22	4354.20	-6067.07	1060.28	-5.728e+05	-6654.08
	16	2371.20	5036.83	-1.998e+04	-1095.95	5.774e+05	6007.81
	13	-2243.23	-4777.24	-7067.92	1077.71	-5.620e+05	-6304.87
	18	-2273.66	3424.86	-6111.22	1071.17	-5.762e+05	-6687.15
	19	2401.63	-3165.26	-2.094e+04	-1089.41	5.916e+05	6390.10
422	15	2940.58	-4352.03	-2.456e+04	-7104.07	6.852e+05	1.474e+04
	14	-2784.52	4650.06	-5346.66	6927.77	-6.682e+05	-1.518e+04
	19	2958.96	-3335.15	-2.451e+04	-7149.77	6.896e+05	1.481e+04
	18	-2802.90	3633.17	-5400.15	6973.47	-6.726e+05	-1.525e+04
	18	-2802.90	3633.17	-5400.15	6973.47	-6.726e+05	-1.525e+04
	19	2958.96	-3335.15	-2.451e+04	-7149.77	6.896e+05	1.481e+04
427	15	4688.86	-4808.02	-2.960e+04	-3614.31	6.964e+05	1.029e+04
	14	-4422.81	5077.34	-4136.78	3018.45	-6.809e+05	-1.182e+04
	32	1293.03	1.685e+04	-1.778e+04	-2.543e+04	1.932e+05	932.19
	29	-1026.98	-1.658e+04	-1.595e+04	2.484e+04	-1.777e+05	-2464.03
	18	-4452.28	4059.35	-4195.87	4450.55	-6.854e+05	-1.192e+04
	19	4718.34	-3790.02	-2.954e+04	-5046.41	7.009e+05	1.039e+04
432	15	2856.78	-4963.94	-2.426e+04	-1.298e+04	6.875e+05	7068.81
	14	-2742.68	5186.34	-4241.98	1.278e+04	-6.765e+05	-1.026e+04
	19	2868.58	-4007.45	-2.418e+04	-1.306e+04	6.916e+05	6883.51
	18	-2754.48	4229.84	-4326.27	1.285e+04	-6.807e+05	-1.008e+04
	18	-2754.48	4229.84	-4326.27	1.285e+04	-6.807e+05	-1.008e+04
	19	2868.58	-4007.45	-2.418e+04	-1.306e+04	6.916e+05	6883.51
437	15	2552.86	-4859.02	-2.381e+04	-1.331e+04	7.046e+05	1.626e+04
	14	-2520.60	5110.83	-4537.48	1.324e+04	-7.008e+05	-2.098e+04
	19	2556.77	-3896.79	-2.369e+04	-1.337e+04	7.082e+05	1.600e+04
	18	-2524.51	4148.60	-4657.64	1.330e+04	-7.044e+05	-2.072e+04
	18	-2524.51	4148.60	-4657.64	1.330e+04	-7.044e+05	-2.072e+04
	19	2556.77	-3896.79	-2.369e+04	-1.337e+04	7.082e+05	1.600e+04
442	15	2988.96	-4698.78	-2.462e+04	-1.414e+04	7.487e+05	2.801e+04
	14	-3084.47	5026.60	-3546.60	1.426e+04	-7.550e+05	-3.392e+04
	19	2987.77	-3737.62	-2.447e+04	-1.420e+04	7.517e+05	2.780e+04
	18	-3083.27	4065.44	-3697.68	1.432e+04	-7.581e+05	-3.371e+04
	18	-3083.27	4065.44	-3697.68	1.432e+04	-7.581e+05	-3.371e+04
	19	2987.77	-3737.62	-2.447e+04	-1.420e+04	7.517e+05	2.780e+04
447	15	5456.71	-5597.03	-3.087e+04	-1.123e+04	8.550e+05	2.802e+04
	14	-5780.83	6153.67	-1923.64	1.109e+04	-8.744e+05	-3.413e+04
	16	4705.91	4659.95	-2.733e+04	-1.934e+04	8.138e+05	2.870e+04
	13	-5030.03	-4103.32	-5463.83	1.920e+04	-8.332e+05	-3.481e+04
	18	-5778.86	5121.35	-2134.04	1.204e+04	-8.772e+05	-3.405e+04
	19	5454.74	-4564.71	-3.066e+04	-1.218e+04	8.578e+05	2.794e+04
452	15	3243.86	-6198.77	-2.571e+04	-1.796e+04	9.509e+05	3.010e+04

	14	-3508.78	7021.48	-5689.91	1.857e+04	-9.833e+05	-3.659e+04
	19	3234.93	-5146.76	-2.547e+04	-1.800e+04	9.533e+05	2.994e+04
	18	-3499.85	5969.47	-5932.59	1.862e+04	-9.857e+05	-3.643e+04
	18	-3499.85	5969.47	-5932.59	1.862e+04	-9.857e+05	-3.643e+04
	19	3234.93	-5146.76	-2.547e+04	-1.800e+04	9.533e+05	2.994e+04
457	31	1372.74	-1.707e+04	-2.429e+04	-6513.46	3.449e+05	5238.82
	30	-1671.84	1.810e+04	-7716.63	7398.94	-3.918e+05	-1.296e+04
	19	2760.86	-4852.52	-2.325e+04	-1.947e+04	1.031e+06	4.386e+04
	18	-3059.95	5882.64	-8763.33	2.035e+04	-1.078e+06	-5.158e+04
	18	-3059.95	5882.64	-8763.33	2.035e+04	-1.078e+06	-5.158e+04
	19	2760.86	-4852.52	-2.325e+04	-1.947e+04	1.031e+06	4.386e+04
462	31	1274.37	-1.611e+04	-2.639e+04	-6789.76	3.595e+05	7755.74
	30	-1665.31	1.731e+04	-6316.59	7998.61	-4.235e+05	-1.651e+04
	19	2998.50	-4405.81	-2.227e+04	-2.149e+04	1.138e+06	5.594e+04
	18	-3389.43	5596.95	-1.044e+04	2.270e+04	-1.202e+06	-6.469e+04
	18	-3389.43	5596.95	-1.044e+04	2.270e+04	-1.202e+06	-6.469e+04
	19	2998.50	-4405.81	-2.227e+04	-2.149e+04	1.138e+06	5.594e+04
467	31	1294.15	-1.447e+04	-3.153e+04	-7140.24	3.779e+05	9503.77
	30	-1817.19	1.572e+04	-1843.72	8698.09	-4.604e+05	-1.883e+04
	19	3705.65	-3819.92	-2.246e+04	-2.385e+04	1.262e+06	6.356e+04
	18	-4228.69	5068.20	-1.091e+04	2.541e+04	-1.345e+06	-7.289e+04
	18	-4228.69	5068.20	-1.091e+04	2.541e+04	-1.345e+06	-7.289e+04
	19	3705.65	-3819.92	-2.246e+04	-2.385e+04	1.262e+06	6.356e+04
472	31	1423.95	-1.155e+04	-4.392e+04	-7487.13	3.965e+05	9726.67
	30	-2145.83	1.270e+04	1.045e+04	9368.20	-4.961e+05	-1.859e+04
	19	5032.82	-2938.36	-2.466e+04	-2.610e+04	1.382e+06	6.265e+04
	18	-5754.70	4089.73	-8806.83	2.799e+04	-1.482e+06	-7.152e+04
	18	-5754.70	4089.73	-8806.83	2.799e+04	-1.482e+06	-7.152e+04
	19	5032.82	-2938.36	-2.466e+04	-2.610e+04	1.382e+06	6.265e+04
477	31	791.56	-4005.91	-3.256e+04	-3771.91	1.998e+05	3761.36
	30	-1249.97	4284.29	1.649e+04	4739.99	-2.511e+05	-7161.34
	19	3241.28	-1034.16	-1.474e+04	-1.324e+04	7.015e+05	2.410e+04
	18	-3699.69	1312.53	-1332.53	1.421e+04	-7.528e+05	-2.750e+04
	18	-3699.69	1312.53	-1332.53	1.421e+04	-7.528e+05	-2.750e+04
	19	3241.28	-1034.16	-1.474e+04	-1.324e+04	7.015e+05	2.410e+04
487	30	-1455.25	6370.52	-3.830e+04	6867.10	-3.637e+05	4344.41
	31	954.22	-6428.29	1.405e+04	-5263.98	2.788e+05	-3526.77
	16	3451.43	1397.52	-1.493e+04	-1.994e+04	1.056e+06	-9467.57
	13	-3952.46	-1455.29	-9318.59	2.154e+04	-1.141e+06	1.029e+04
	13	-3952.46	-1455.29	-9318.59	2.154e+04	-1.141e+06	1.029e+04
	16	3451.43	1397.52	-1.493e+04	-1.994e+04	1.056e+06	-9467.57
492	30	-2737.21	1.791e+04	-4.372e+04	1.354e+04	-7.168e+05	1.156e+04
	31	1789.11	-1.824e+04	-5172.22	-1.037e+04	5.491e+05	-9114.71
	16	6303.95	3768.22	-1.945e+04	-3.944e+04	2.089e+06	-2.526e+04
	13	-7252.05	-4105.42	-2.945e+04	4.261e+04	-2.256e+06	2.770e+04
	13	-7252.05	-4105.42	-2.945e+04	4.261e+04	-2.256e+06	2.770e+04
	16	6303.95	3768.22	-1.945e+04	-3.944e+04	2.089e+06	-2.526e+04
497	13	-6576.51	-4386.43	-3.920e+04	4.108e+04	-2.175e+06	3.560e+04
	16	5696.61	4320.17	-9634.15	-3.806e+04	2.016e+06	-3.172e+04
	16	5696.61	4320.17	-9634.15	-3.806e+04	2.016e+06	-3.172e+04
	13	-6576.51	-4386.43	-3.920e+04	4.108e+04	-2.175e+06	3.560e+04
	13	-6576.51	-4386.43	-3.920e+04	4.108e+04	-2.175e+06	3.560e+04
	16	5696.61	4320.17	-9634.15	-3.806e+04	2.016e+06	-3.172e+04
502	29	-1847.49	-1.703e+04	-5.648e+04	1.321e+04	-6.995e+05	1.240e+04
	32	1094.87	1.725e+04	7539.50	-1.042e+04	5.517e+05	-7333.19
	16	4830.41	3844.08	123.13	-3.635e+04	1.924e+06	-3.674e+04
	13	-5583.04	-3625.36	-4.906e+04	3.914e+04	-2.072e+06	4.181e+04
	13	-5583.04	-3625.36	-4.906e+04	3.914e+04	-2.072e+06	4.181e+04
	16	4830.41	3844.08	123.13	-3.635e+04	1.924e+06	-3.674e+04
507	29	-788.05	-6065.99	-4.481e+04	6493.62	-3.437e+05	5380.33
	32	490.67	6078.36	2.048e+04	-5144.83	2.723e+05	-3177.47
	16	1902.96	1327.60	5307.10	-1.784e+04	9.442e+05	-1.572e+04
	13	-2200.34	-1315.22	-2.964e+04	1.919e+04	-1.016e+06	1.792e+04
	13	-2200.34	-1315.22	-2.964e+04	1.919e+04	-1.016e+06	1.792e+04
	16	1902.96	1327.60	5307.10	-1.784e+04	9.442e+05	-1.572e+04
517	14	-2721.87	2866.01	-4.127e+04	1.319e+04	-6.988e+05	154.39
	15	2477.11	-3502.66	2.391e+04	-1.273e+04	6.746e+05	3167.57
	16	2614.14	-1125.29	1.390e+04	-1.295e+04	6.862e+05	1114.41
	13	-2858.89	488.64	-3.126e+04	1.341e+04	-7.103e+05	2207.54
	13	-2858.89	488.64	-3.126e+04	1.341e+04	-7.103e+05	2207.54
	16	2614.14	-1125.29	1.390e+04	-1.295e+04	6.862e+05	1114.41
522	14	-5563.68	8357.32	-7.576e+04	2.645e+04	-1.401e+06	-1.044e+04
	15	5309.31	-1.042e+04	3.850e+04	-2.564e+04	1.358e+06	1.919e+04
	16	5423.50	-3714.08	3.413e+04	-2.602e+04	1.378e+06	1.264e+04
	13	-5677.87	1649.54	-7.140e+04	2.683e+04	-1.421e+06	-3878.56
	13	-5677.87	1649.54	-7.140e+04	2.683e+04	-1.421e+06	-3878.56
	16	5423.50	-3714.08	3.413e+04	-2.602e+04	1.378e+06	1.264e+04

527	13	-7428.97	3823.44	-9.091e+04	2.749e+04	-1.455e+06	-3.888e+04
	16	7489.17	-5905.75	5.309e+04	-2.704e+04	1.431e+06	4.893e+04
	16	7489.17	-5905.75	5.309e+04	-2.704e+04	1.431e+06	4.893e+04
	13	-7428.97	3823.44	-9.091e+04	2.749e+04	-1.455e+06	-3.888e+04
	13	-7428.97	3823.44	-9.091e+04	2.749e+04	-1.455e+06	-3.888e+04
	16	7489.17	-5905.75	5.309e+04	-2.704e+04	1.431e+06	4.893e+04
532	13	-1.157e+04	3674.56	-9.270e+04	5.252e+04	-7.471e+05	-3.836e+04
	16	1.195e+04	-4998.11	6.233e+04	-3.585e+04	7.379e+05	4.528e+04
	30	-5719.84	8544.48	-9926.35	-1.785e+05	-2.275e+05	-3.400e+04
	31	6100.82	-9868.03	-2.044e+04	1.952e+05	2.183e+05	4.092e+04
	18	-1.279e+04	7608.56	-7.874e+04	-4.635e+04	-7.480e+05	-5.104e+04
	19	1.317e+04	-8932.11	4.838e+04	6.302e+04	7.388e+05	5.796e+04
557	15	1.265e+04	4873.77	-8.577e+04	4784.50	9.535e+05	5.480e+04
	14	-1.270e+04	-5315.77	5.891e+04	-1512.62	-9.528e+05	-5.775e+04
	32	5882.12	9237.01	-2852.77	-1.670e+05	2.966e+05	3.814e+04
	29	-5933.23	-9679.00	-2.401e+04	1.703e+05	-2.959e+05	-4.108e+04
	13	-1.386e+04	-9680.67	4.114e+04	9.183e+04	-9.585e+05	-7.026e+04
	16	1.381e+04	9238.68	-6.800e+04	-8.855e+04	9.592e+05	6.731e+04
561	30	-2619.74	3031.49	-3.024e+04	-2.418e+04	-1.216e+05	6069.41
	31	2477.62	-4456.14	1.474e+04	3.286e+04	1.217e+05	-5811.17
	30	-2619.74	3031.49	-3.024e+04	-2.418e+04	-1.216e+05	6069.41
	31	2477.62	-4456.14	1.474e+04	3.286e+04	1.217e+05	-5811.17
	18	-9310.82	646.75	-1.580e+04	-9260.90	-3.556e+05	2.922e+04
	19	9168.69	-2071.39	295.43	1.795e+04	3.557e+05	-2.896e+04
564	30	-1668.05	6246.79	-2.371e+04	-2600.45	-2.396e+05	8316.61
	31	1592.05	-9302.33	3035.38	2604.46	2.400e+05	-8116.96
	18	-5690.89	1161.45	-1.596e+04	-7480.49	-6.893e+05	5.374e+04
	19	5614.89	-4216.99	-4715.49	7484.50	6.897e+05	-5.354e+04
	18	-5690.89	1161.45	-1.596e+04	-7480.49	-6.893e+05	5.374e+04
	19	5614.89	-4216.99	-4715.49	7484.50	6.897e+05	-5.354e+04
572	10	-41.70	-2152.71	-1.448e+04	8.18	753.85	-333.67
	32	916.11	6348.77	-8208.16	1336.98	1.232e+05	-2.071e+04
	18	-3936.15	1323.57	-1.145e+04	-6675.70	-6.151e+05	2.487e+04
	19	3868.67	-4451.71	-9465.75	6679.09	6.154e+05	-2.516e+04
	18	-3936.15	1323.57	-1.145e+04	-6675.70	-6.151e+05	2.487e+04
	19	3868.67	-4451.71	-9465.75	6679.09	6.154e+05	-2.516e+04
577	29	-606.84	-8674.97	-2.725e+04	-1009.93	-9.306e+04	1.305e+04
	32	522.70	5932.02	5776.17	1002.47	9.237e+04	-1.377e+04
	18	-4440.75	1318.41	-7082.87	-6525.85	-6.013e+05	-9376.34
	19	4356.61	-4061.35	-1.439e+04	6518.39	6.006e+05	8653.03
	18	-4440.75	1318.41	-7082.87	-6525.85	-6.013e+05	-9376.34
	19	4356.61	-4061.35	-1.439e+04	6518.39	6.006e+05	8653.03
582	31	3185.69	-4244.56	-3.185e+04	2.104e+04	1.287e+05	9885.83
	30	-3272.06	2910.91	1.452e+04	-1.631e+04	-1.292e+05	-1.022e+04
	30	-3272.06	2910.91	1.452e+04	-1.631e+04	-1.292e+05	-1.022e+04
	31	3185.69	-4244.56	-3.185e+04	2.104e+04	1.287e+05	9885.83
	18	-6570.49	605.77	-2545.57	-6779.39	-3.036e+05	-1.261e+04
	19	6484.12	-1939.42	-1.478e+04	1.151e+04	3.031e+05	1.228e+04
590	13	-1.636e+04	-413.46	-4.183e+04	7.797e+04	842.11	-6459.13
	16	1.668e+04	179.56	2.136e+04	-5.385e+04	-581.54	1.179e+04
	30	-6323.54	1946.07	-6694.93	-3.269e+05	-3530.24	-2.021e+04
	31	6642.52	-2179.98	-1.377e+04	3.510e+05	3790.81	2.553e+04
	30	-6323.54	1946.07	-6694.93	-3.269e+05	-3530.24	-2.021e+04
	31	6642.52	-2179.98	-1.377e+04	3.510e+05	3790.81	2.553e+04
595	13	-1.418e+04	51.41	-5.563e+04	6.788e+04	733.17	-1.549e+04
	16	1.465e+04	-457.12	3.431e+04	-3.532e+04	-381.45	2.118e+04
	30	-6430.66	2898.43	-7175.16	-3.611e+05	-3899.79	-2.582e+04
	31	6905.53	-3304.14	-1.414e+04	3.936e+05	4251.51	3.151e+04
	30	-6430.66	2898.43	-7175.16	-3.611e+05	-3899.79	-2.582e+04
	31	6905.53	-3304.14	-1.414e+04	3.936e+05	4251.51	3.151e+04
607	40	-5888.21	9.277e+04	-1.529e+05	-2.783e+06	2.444e+05	5.361e+05
	37	-3159.66	-6.059e+04	2.900e+04	3.011e+06	-2.458e+05	-5.905e+05
	42	-1.887e+04	8.819e+04	-1.207e+05	-2.859e+06	6563.57	4.218e+05
	43	9820.40	-5.602e+04	-3239.20	3.087e+06	-8025.27	-4.761e+05
	17	-2.481e+04	-1.588e+04	1.864e+04	8.753e+05	-4.663e+05	-3.987e+05
	20	1.576e+04	4.805e+04	-1.426e+05	-6.469e+05	4.649e+05	3.443e+05
612	42	2623.98	1.356e+04	-8.822e+04	-2.759e+06	5.590e+04	-1.413e+05
	43	-2351.42	-1.237e+04	2.834e+04	2.569e+06	-5.204e+04	1.397e+05
	38	3941.28	1.362e+04	-8.607e+04	-2.769e+06	5.609e+04	-1.441e+05
	39	-3668.72	-1.243e+04	2.620e+04	2.578e+06	-5.223e+04	1.425e+05
	39	-3668.72	-1.243e+04	2.620e+04	2.578e+06	-5.223e+04	1.425e+05
	38	3941.28	1.362e+04	-8.607e+04	-2.769e+06	5.609e+04	-1.441e+05
617	42	-2464.10	9459.55	-6.596e+04	-2.538e+06	5.143e+04	-7.459e+04
	43	2251.90	-8346.56	7681.03	2.332e+06	-4.725e+04	8.303e+04
	38	-975.65	9463.11	-6.459e+04	-2.545e+06	5.155e+04	-7.578e+04
	39	763.46	-8350.11	6309.26	2.338e+06	-4.737e+04	8.421e+04
	39	763.46	-8350.11	6309.26	2.338e+06	-4.737e+04	8.421e+04

	38	-975.65	9463.11	-6.459e+04	-2.545e+06	5.155e+04	-7.578e+04
620	10	86.65	627.99	-1.709e+04	-1.399e+05	2834.96	138.36
	41	-3056.01	-2654.08	-8933.80	1.088e+06	-2.204e+04	1244.52
	44	3179.90	3570.46	-1.636e+04	-1.293e+06	2.620e+04	-1032.45
	41	-3056.01	-2654.08	-8933.80	1.088e+06	-2.204e+04	1244.52
	41	-3056.01	-2654.08	-8933.80	1.088e+06	-2.204e+04	1244.52
	44	3179.90	3570.46	-1.636e+04	-1.293e+06	2.620e+04	-1032.45
622	42	-5500.74	8106.71	-5.570e+04	-2.448e+06	4.960e+04	-2.733e+04
	43	5155.05	-6833.20	-2042.58	2.213e+06	-4.484e+04	3.762e+04
	44	6419.02	7898.36	-4.860e+04	-2.455e+06	4.973e+04	-2.574e+04
	41	-6764.71	-6624.85	-9140.06	2.219e+06	-4.496e+04	3.603e+04
	41	-6764.71	-6624.85	-9140.06	2.219e+06	-4.496e+04	3.603e+04
	44	6419.02	7898.36	-4.860e+04	-2.455e+06	4.973e+04	-2.574e+04
627	42	-7523.37	7707.09	-5.048e+04	-2.430e+06	4.921e+04	-3156.87
	43	7181.04	-6289.35	-7024.57	2.172e+06	-4.399e+04	8775.19
	44	4947.43	7497.46	-4.565e+04	-2.439e+06	4.940e+04	-2485.96
	41	-5289.76	-6079.72	-1.186e+04	2.181e+06	-4.418e+04	8104.27
	41	-5289.76	-6079.72	-1.186e+04	2.181e+06	-4.418e+04	8104.27
	44	4947.43	7497.46	-4.565e+04	-2.439e+06	4.940e+04	-2485.96
632	42	-9005.15	7678.25	-4.821e+04	-2.443e+06	4.950e+04	1.052e+04
	43	8716.07	-6238.49	-9142.95	2.180e+06	-4.417e+04	-1.242e+04
	44	3843.18	7457.21	-4.496e+04	-2.453e+06	4.969e+04	1.037e+04
	41	-4132.27	-6017.45	-1.239e+04	2.190e+06	-4.436e+04	-1.227e+04
	41	-4132.27	-6017.45	-1.239e+04	2.190e+06	-4.436e+04	-1.227e+04
	44	3843.18	7457.21	-4.496e+04	-2.453e+06	4.969e+04	1.037e+04
637	42	-1.018e+04	7929.85	-4.820e+04	-2.480e+06	5.025e+04	2.617e+04
	43	9952.61	-6613.91	-9020.05	2.231e+06	-4.521e+04	-3.499e+04
	44	2925.81	7696.19	-4.611e+04	-2.489e+06	5.042e+04	2.581e+04
	41	-3157.06	-6380.25	-1.112e+04	2.240e+06	-4.537e+04	-3.464e+04
	41	-3157.06	-6380.25	-1.112e+04	2.240e+06	-4.537e+04	-3.464e+04
	44	2925.81	7696.19	-4.611e+04	-2.489e+06	5.042e+04	2.581e+04
642	42	-1.118e+04	8729.14	-5.052e+04	-2.560e+06	5.186e+04	5.378e+04
	43	1.098e+04	-7642.13	-6637.05	2.339e+06	-4.739e+04	-6.551e+04
	44	2091.10	8497.04	-4.927e+04	-2.567e+06	5.201e+04	5.394e+04
	41	-2289.05	-7410.03	-7882.02	2.347e+06	-4.754e+04	-6.567e+04
	41	-2289.05	-7410.03	-7882.02	2.347e+06	-4.754e+04	-6.567e+04
	44	2091.10	8497.04	-4.927e+04	-2.567e+06	5.201e+04	5.394e+04
647	42	-1.203e+04	1.080e+04	-5.612e+04	-2.721e+06	5.512e+04	9.635e+04
	43	1.181e+04	-9919.79	-1147.52	2.530e+06	-5.125e+04	-1.036e+05
	44	1277.70	1.061e+04	-5.554e+04	-2.730e+06	5.531e+04	9.705e+04
	41	-1490.81	-9728.50	-1729.25	2.539e+06	-5.143e+04	-1.043e+05
	41	-1490.81	-9728.50	-1729.25	2.539e+06	-5.143e+04	-1.043e+05
	44	1277.70	1.061e+04	-5.554e+04	-2.730e+06	5.531e+04	9.705e+04
652	44	492.36	1.573e+04	-6.910e+04	-3.018e+06	6.112e+04	1.261e+05
	41	-790.30	-1.474e+04	1.117e+04	2.834e+06	-5.740e+04	-1.211e+05
	44	492.36	1.573e+04	-6.910e+04	-3.018e+06	6.112e+04	1.261e+05
	41	-790.30	-1.474e+04	1.117e+04	2.834e+06	-5.740e+04	-1.211e+05
	41	-790.30	-1.474e+04	1.117e+04	2.834e+06	-5.740e+04	-1.211e+05
	44	492.36	1.573e+04	-6.910e+04	-3.018e+06	6.112e+04	1.261e+05
657	44	3622.09	2.832e+04	-9.825e+04	-2.377e+06	9.870e+04	3.588e+04
	41	-3780.61	-2.619e+04	3.791e+04	2.232e+06	-8.647e+04	-2.440e+04
	44	3622.09	2.832e+04	-9.825e+04	-2.377e+06	9.870e+04	3.588e+04
	41	-3780.61	-2.619e+04	3.791e+04	2.232e+06	-8.647e+04	-2.440e+04
	25	-1.792e+04	-7131.58	-8857.09	6.252e+05	-2.804e+05	1.968e+04
	28	1.776e+04	9263.23	-5.148e+04	-7.703e+05	2.926e+05	-8193.84
688	10	83.36	624.86	-1.710e+04	-1.392e+05	2819.87	1233.68
	41	-3148.94	-2655.62	-8787.43	1.088e+06	-2.205e+04	557.44
	44	3266.90	3567.56	-1.652e+04	-1.292e+06	2.618e+04	1259.99
	41	-3148.94	-2655.62	-8787.43	1.088e+06	-2.205e+04	557.44
	41	-3148.94	-2655.62	-8787.43	1.088e+06	-2.205e+04	557.44
	44	3266.90	3567.56	-1.652e+04	-1.292e+06	2.618e+04	1259.99
699	26	-2588.76	9537.78	-3.896e+04	-3.407e+04	-5.062e+05	-2.299e+04
	27	2725.47	-8854.24	-1826.70	3.299e+04	4.901e+05	2.953e+04
	26	-2588.76	9537.78	-3.896e+04	-3.407e+04	-5.062e+05	-2.299e+04
	27	2725.47	-8854.24	-1826.70	3.299e+04	4.901e+05	2.953e+04
	26	-2588.76	9537.78	-3.896e+04	-3.407e+04	-5.062e+05	-2.299e+04
	27	2725.47	-8854.24	-1826.70	3.299e+04	4.901e+05	2.953e+04
704	42	1204.61	2.245e+04	-6.282e+04	-1.062e+04	-1.579e+05	-1.262e+04
	43	-1343.89	-2.199e+04	2.167e+04	8404.51	1.249e+05	2.090e+04
	26	-1770.15	7969.78	-4.585e+04	-3.175e+04	-4.717e+05	-1.330e+04
	27	1630.87	-7509.81	4695.26	2.953e+04	4.388e+05	2.159e+04
	26	-1770.15	7969.78	-4.585e+04	-3.175e+04	-4.717e+05	-1.330e+04
	27	1630.87	-7509.81	4695.26	2.953e+04	4.388e+05	2.159e+04
709	38	537.06	7935.06	-5.453e+04	-4693.61	-6.974e+04	-4274.13
	39	-720.70	-7656.49	3.365e+04	3439.11	5.110e+04	7647.83
	21	-1246.25	-1106.62	-8285.49	-1.568e+04	-2.329e+05	-2216.94
	24	1062.61	1385.19	-1.260e+04	1.442e+04	2.143e+05	5590.64

	21	-1246.25	-1106.62	-8285.49	-1.568e+04	-2.329e+05	-2216.94
	24	1062.61	1385.19	-1.260e+04	1.442e+04	2.143e+05	5590.64
723	41	-815.72	-7491.64	-4.777e+04	-2971.66	-4.415e+04	-4154.81
	44	470.43	8337.88	2.900e+04	-114.07	-1694.82	137.02
	26	-1271.51	2522.99	-4967.46	-1.828e+04	-2.716e+05	-5525.72
	27	926.22	-1676.74	-1.380e+04	1.520e+04	2.258e+05	1507.94
	26	-1271.51	2522.99	-4967.46	-1.828e+04	-2.716e+05	-5525.72
	27	926.22	-1676.74	-1.380e+04	1.520e+04	2.258e+05	1507.94
727	41	-1740.56	-2.136e+04	-5.049e+04	-5364.90	-7.971e+04	-8674.22
	44	1379.14	2.397e+04	1.009e+04	-259.39	-3854.11	-1404.05
	26	-2046.00	7146.49	-2.542e+04	-3.584e+04	-5.326e+05	-1.283e+04
	27	1684.57	-4542.50	-1.498e+04	3.022e+04	4.490e+05	2754.74
	26	-2046.00	7146.49	-2.542e+04	-3.584e+04	-5.326e+05	-1.283e+04
	27	1684.57	-4542.50	-1.498e+04	3.022e+04	4.490e+05	2754.74
730	10	80.30	615.79	-1.711e+04	-1.372e+05	2779.02	2313.72
	41	-3244.47	-2660.42	-8558.80	1.088e+06	-2.203e+04	227.16
	44	3356.71	3559.21	-1.676e+04	-1.289e+06	2.610e+04	3173.01
	41	-3244.47	-2660.42	-8558.80	1.088e+06	-2.203e+04	227.16
	41	-3244.47	-2660.42	-8558.80	1.088e+06	-2.203e+04	227.16
	44	3356.71	3559.21	-1.676e+04	-1.289e+06	2.610e+04	3173.01
732	26	-1833.85	7837.07	-3.709e+04	-3.393e+04	-5.042e+05	-8152.80
	27	1759.69	-5062.50	-3240.86	2.999e+04	4.456e+05	-1801.16
	26	-1833.85	7837.07	-3.709e+04	-3.393e+04	-5.042e+05	-8152.80
	27	1759.69	-5062.50	-3240.86	2.999e+04	4.456e+05	-1801.16
	26	-1833.85	7837.07	-3.709e+04	-3.393e+04	-5.042e+05	-8152.80
	27	1759.69	-5062.50	-3240.86	2.999e+04	4.456e+05	-1801.16
737	42	857.61	2.589e+04	-5.443e+04	-1.547e+04	-2.299e+05	-2.842e+04
	43	-703.56	-2.349e+04	1.469e+04	1.309e+04	1.945e+05	2.017e+04
	26	-2309.14	6497.65	-4.869e+04	-3.328e+04	-4.945e+05	-459.73
	27	2463.19	-4095.93	8951.50	3.090e+04	4.591e+05	-7787.66
	26	-2309.14	6497.65	-4.869e+04	-3.328e+04	-4.945e+05	-459.73
	27	2463.19	-4095.93	8951.50	3.090e+04	4.591e+05	-7787.66
742	30	-2187.25	1.374e+04	-4.761e+04	-1.415e+06	1.478e+04	-1.113e+04
	31	2429.90	-1.279e+04	1.159e+04	1.310e+06	-1.138e+04	8125.74
	30	-2187.25	1.374e+04	-4.761e+04	-1.415e+06	1.478e+04	-1.113e+04
	31	2429.90	-1.279e+04	1.159e+04	1.310e+06	-1.138e+04	8125.74
	21	-1.253e+04	-3153.17	-1.027e+04	3.532e+05	-8.562e+04	1.420e+04
	24	1.277e+04	4102.04	-2.575e+04	-4.585e+05	8.902e+04	-1.721e+04
747	44	3546.72	3542.37	-1.752e+04	-1.277e+06	2.587e+04	4902.03
	41	-3444.01	-2695.45	-7837.23	1.086e+06	-2.201e+04	1465.53
	44	3546.72	3542.37	-1.752e+04	-1.277e+06	2.587e+04	4902.03
	41	-3444.01	-2695.45	-7837.23	1.086e+06	-2.201e+04	1465.53
	41	-3444.01	-2695.45	-7837.23	1.086e+06	-2.201e+04	1465.53
	44	3546.72	3542.37	-1.752e+04	-1.277e+06	2.587e+04	4902.03
752	44	3648.11	3548.27	-1.805e+04	-1.269e+06	2.572e+04	4207.35
	41	-3548.61	-2739.28	-7328.89	1.087e+06	-2.202e+04	3461.70
	44	3648.11	3548.27	-1.805e+04	-1.269e+06	2.572e+04	4207.35
	41	-3548.61	-2739.28	-7328.89	1.087e+06	-2.202e+04	3461.70
	41	-3548.61	-2739.28	-7328.89	1.087e+06	-2.202e+04	3461.70
	44	3648.11	3548.27	-1.805e+04	-1.269e+06	2.572e+04	4207.35
757	44	3754.79	3578.88	-1.871e+04	-1.263e+06	2.559e+04	2127.63
	41	-3657.11	-2814.72	-6706.68	1.089e+06	-2.207e+04	6651.24
	44	3754.79	3578.88	-1.871e+04	-1.263e+06	2.559e+04	2127.63
	41	-3657.11	-2814.72	-6706.68	1.089e+06	-2.207e+04	6651.24
	41	-3657.11	-2814.72	-6706.68	1.089e+06	-2.207e+04	6651.24
	44	3754.79	3578.88	-1.871e+04	-1.263e+06	2.559e+04	2127.63
762	44	3867.85	3651.33	-1.950e+04	-1.259e+06	2.551e+04	-1573.95
	41	-3770.32	-2937.36	-5952.32	1.096e+06	-2.220e+04	1.121e+04
	44	3867.85	3651.33	-1.950e+04	-1.259e+06	2.551e+04	-1573.95
	41	-3770.32	-2937.36	-5952.32	1.096e+06	-2.220e+04	1.121e+04
	41	-3770.32	-2937.36	-5952.32	1.096e+06	-2.220e+04	1.121e+04
	44	3867.85	3651.33	-1.950e+04	-1.259e+06	2.551e+04	-1573.95
767	44	3988.37	3788.87	-2.046e+04	-1.260e+06	2.552e+04	-7073.53
	41	-3889.09	-3128.11	-5038.49	1.108e+06	-2.244e+04	1.723e+04
	44	3988.37	3788.87	-2.046e+04	-1.260e+06	2.552e+04	-7073.53
	41	-3889.09	-3128.11	-5038.49	1.108e+06	-2.244e+04	1.723e+04
	41	-3889.09	-3128.11	-5038.49	1.108e+06	-2.244e+04	1.723e+04
	44	3988.37	3788.87	-2.046e+04	-1.260e+06	2.552e+04	-7073.53
772	44	4117.39	4023.22	-2.163e+04	-1.267e+06	2.566e+04	-1.441e+04
	41	-4014.25	-3415.09	-3923.90	1.126e+06	-2.282e+04	2.468e+04
	44	4117.39	4023.22	-2.163e+04	-1.267e+06	2.566e+04	-1.441e+04
	41	-4014.25	-3415.09	-3923.90	1.126e+06	-2.282e+04	2.468e+04
	41	-4014.25	-3415.09	-3923.90	1.126e+06	-2.282e+04	2.468e+04
	44	4117.39	4023.22	-2.163e+04	-1.267e+06	2.566e+04	-1.441e+04
777	44	4255.35	4397.63	-2.309e+04	-1.282e+06	2.598e+04	-2.336e+04
	41	-4146.07	-3836.34	-2543.34	1.154e+06	-2.337e+04	3.325e+04
	44	4255.35	4397.63	-2.309e+04	-1.282e+06	2.598e+04	-2.336e+04

	41	-4146.07	-3836.34	-2543.34	1.154e+06	-2.337e+04	3.325e+04
	41	-4146.07	-3836.34	-2543.34	1.154e+06	-2.337e+04	3.325e+04
	44	4255.35	4397.63	-2.309e+04	-1.282e+06	2.598e+04	-2.336e+04
782	44	4400.63	4972.14	-2.495e+04	-1.309e+06	2.652e+04	-3.318e+04
	41	-4282.94	-4444.24	-787.55	1.191e+06	-2.414e+04	4.217e+04
	44	4400.63	4972.14	-2.495e+04	-1.309e+06	2.652e+04	-3.318e+04
	41	-4282.94	-4444.24	-787.55	1.191e+06	-2.414e+04	4.217e+04
	41	-4282.94	-4444.24	-787.55	1.191e+06	-2.414e+04	4.217e+04
	44	4400.63	4972.14	-2.495e+04	-1.309e+06	2.652e+04	-3.318e+04
787	44	4546.47	5833.51	-2.743e+04	-1.348e+06	2.732e+04	-4.207e+04
	41	-4418.48	-5314.71	1544.14	1.240e+06	-2.512e+04	4.969e+04
	44	4546.47	5833.51	-2.743e+04	-1.348e+06	2.732e+04	-4.207e+04
	41	-4418.48	-5314.71	1544.14	1.240e+06	-2.512e+04	4.969e+04
	41	-4418.48	-5314.71	1544.14	1.240e+06	-2.512e+04	4.969e+04
	44	4546.47	5833.51	-2.743e+04	-1.348e+06	2.732e+04	-4.207e+04
792	44	4676.93	7119.48	-3.100e+04	-1.400e+06	2.837e+04	-4.615e+04
	41	-4538.67	-6570.15	4886.29	1.299e+06	-2.632e+04	5.216e+04
	44	4676.93	7119.48	-3.100e+04	-1.400e+06	2.837e+04	-4.615e+04
	41	-4538.67	-6570.15	4886.29	1.299e+06	-2.632e+04	5.216e+04
	41	-4538.67	-6570.15	4886.29	1.299e+06	-2.632e+04	5.216e+04
	44	4676.93	7119.48	-3.100e+04	-1.400e+06	2.837e+04	-4.615e+04
797	44	4815.93	9096.45	-3.710e+04	-1.461e+06	2.959e+04	-3.654e+04
	41	-4677.44	-8458.28	1.057e+04	1.364e+06	-2.765e+04	4.144e+04
	44	4815.93	9096.45	-3.710e+04	-1.461e+06	2.959e+04	-3.654e+04
	41	-4677.44	-8458.28	1.057e+04	1.364e+06	-2.765e+04	4.144e+04
	41	-4677.44	-8458.28	1.057e+04	1.364e+06	-2.765e+04	4.144e+04
	44	4815.93	9096.45	-3.710e+04	-1.461e+06	2.959e+04	-3.654e+04
802	15	8372.98	5335.69	-8.658e+04	-3.307e+04	1.867e+06	7.014e+04
	14	-8415.23	-5980.21	5.155e+04	3.299e+04	-1.863e+06	-7.655e+04
	16	8489.08	1.350e+04	-7.144e+04	-3.336e+04	1.883e+06	8.116e+04
	13	-8531.33	-1.414e+04	3.641e+04	3.328e+04	-1.879e+06	-8.758e+04
	13	-8531.33	-1.414e+04	3.641e+04	3.328e+04	-1.879e+06	-8.758e+04
	16	8489.08	1.350e+04	-7.144e+04	-3.336e+04	1.883e+06	8.116e+04
807	15	5548.06	2409.29	-6.733e+04	-3.180e+04	1.796e+06	2.004e+04
	14	-5456.58	-3291.33	3.198e+04	3.149e+04	-1.779e+06	-2.775e+04
	16	5418.55	1.185e+04	-5.755e+04	-3.194e+04	1.804e+06	2.390e+04
	13	-5327.06	-1.273e+04	2.220e+04	3.163e+04	-1.787e+06	-3.160e+04
	13	-5327.06	-1.273e+04	2.220e+04	3.163e+04	-1.787e+06	-3.160e+04
	16	5418.55	1.185e+04	-5.755e+04	-3.194e+04	1.804e+06	2.390e+04
812	15	4775.40	251.55	-5.525e+04	-3.213e+04	1.815e+06	-1.715e+04
	14	-4577.26	-1328.56	1.930e+04	3.152e+04	-1.781e+06	8346.77
	16	4608.13	1.046e+04	-4.859e+04	-3.222e+04	1.820e+06	-1.590e+04
	13	-4409.99	-1.154e+04	1.264e+04	3.162e+04	-1.786e+06	7099.26
	13	-4409.99	-1.154e+04	1.264e+04	3.162e+04	-1.786e+06	7099.26
	16	4608.13	1.046e+04	-4.859e+04	-3.222e+04	1.820e+06	-1.590e+04
817	15	4752.38	-1435.47	-4.670e+04	-3.342e+04	1.887e+06	-3.862e+04
	14	-4441.52	149.31	9919.96	3.247e+04	-1.834e+06	2.877e+04
	16	4577.03	9239.34	-4.231e+04	-3.350e+04	1.891e+06	-3.793e+04
	13	-4266.17	-1.053e+04	5529.46	3.255e+04	-1.838e+06	2.808e+04
	13	-4266.17	-1.053e+04	5529.46	3.255e+04	-1.838e+06	2.808e+04
	16	4577.03	9239.34	-4.231e+04	-3.350e+04	1.891e+06	-3.793e+04
822	15	5025.12	-2719.41	-4.030e+04	-3.517e+04	1.987e+06	-4.956e+04
	14	-4590.03	1211.28	2461.72	3.386e+04	-1.913e+06	3.890e+04
	16	4842.47	8137.46	-3.798e+04	-3.523e+04	1.990e+06	-4.881e+04
	13	-4407.38	-9645.59	139.98	3.392e+04	-1.916e+06	3.815e+04
	13	-4407.38	-9645.59	139.98	3.392e+04	-1.916e+06	3.815e+04
	16	4842.47	8137.46	-3.798e+04	-3.523e+04	1.990e+06	-4.881e+04
827	16	5240.48	7086.68	-3.537e+04	-3.719e+04	2.101e+06	-5.354e+04
	13	-4669.57	-8791.28	-3738.70	3.547e+04	-2.004e+06	4.245e+04
	16	5240.48	7086.68	-3.537e+04	-3.719e+04	2.101e+06	-5.354e+04
	13	-4669.57	-8791.28	-3738.70	3.547e+04	-2.004e+06	4.245e+04
	13	-4669.57	-8791.28	-3738.70	3.547e+04	-2.004e+06	4.245e+04
	16	5240.48	7086.68	-3.537e+04	-3.719e+04	2.101e+06	-5.354e+04
832	16	5790.38	5995.18	-3.470e+04	-3.918e+04	2.213e+06	-5.544e+04
	13	-5066.57	-7784.43	-5723.86	3.707e+04	-2.094e+06	4.435e+04
	19	5956.42	-2513.92	-3.091e+04	-3.921e+04	2.215e+06	-5.656e+04
	18	-5232.61	724.67	-9515.85	3.710e+04	-2.096e+06	4.547e+04
	18	-5232.61	724.67	-9515.85	3.710e+04	-2.096e+06	4.547e+04
	19	5956.42	-2513.92	-3.091e+04	-3.921e+04	2.215e+06	-5.656e+04
837	32	2076.66	1.294e+04	-4.607e+04	-1.310e+04	7.401e+05	-1.786e+04
	29	-1149.14	-1.460e+04	5026.00	1.064e+04	-6.008e+05	7695.66
	19	6900.39	-2286.15	-2.553e+04	-4.106e+04	2.319e+06	-5.365e+04
	18	-5972.88	630.41	-1.552e+04	3.859e+04	-2.180e+06	4.348e+04
	18	-5972.88	630.41	-1.552e+04	3.859e+04	-2.180e+06	4.348e+04
	19	6900.39	-2286.15	-2.553e+04	-4.106e+04	2.319e+06	-5.365e+04
842	32	1249.45	4527.53	-3.525e+04	-6605.76	3.730e+05	-6829.07
	29	-689.85	-4984.10	1.550e+04	5341.59	-3.016e+05	2950.53

	19	3975.60	-714.27	-9528.21	-2.069e+04	1.168e+06	-2.055e+04
	18	-3416.00	257.70	-1.022e+04	1.943e+04	-1.097e+06	1.667e+04
	18	-3416.00	257.70	-1.022e+04	1.943e+04	-1.097e+06	1.667e+04
	19	3975.60	-714.27	-9528.21	-2.069e+04	1.168e+06	-2.055e+04
852	31	1225.69	-5072.35	-3.639e+04	-6231.45	3.520e+05	4268.48
	30	-835.50	5027.68	1.584e+04	4936.29	-2.789e+05	-4218.55
	19	3353.97	-916.19	-1.654e+04	-1.881e+04	1.063e+06	1.668e+04
	18	-2963.78	871.52	-4008.01	1.752e+04	-9.895e+05	-1.663e+04
	18	-2963.78	871.52	-4008.01	1.752e+04	-9.895e+05	-1.663e+04
	19	3353.97	-916.19	-1.654e+04	-1.881e+04	1.063e+06	1.668e+04
857	31	1752.74	-1.032e+04	-3.653e+04	-9343.05	5.275e+05	8353.59
	30	-1174.74	1.052e+04	5488.40	7404.00	-4.180e+05	-8248.73
	19	4515.94	-1783.14	-2.121e+04	-2.822e+04	1.593e+06	3.254e+04
	18	-3937.95	1988.61	-9835.09	2.628e+04	-1.483e+06	-3.244e+04
	18	-3937.95	1988.61	-9835.09	2.628e+04	-1.483e+06	-3.244e+04
	19	4515.94	-1783.14	-2.121e+04	-2.822e+04	1.593e+06	3.254e+04
862	31	1652.04	-1.272e+04	-2.398e+04	-9157.31	5.170e+05	9748.74
	30	-1074.03	1.280e+04	-7166.42	7216.76	-4.074e+05	-9493.95
	19	3960.87	-2310.35	-1.840e+04	-2.748e+04	1.551e+06	3.744e+04
	18	-3382.86	2393.81	-1.274e+04	2.553e+04	-1.442e+06	-3.719e+04
	18	-3382.86	2393.81	-1.274e+04	2.553e+04	-1.442e+06	-3.719e+04
	19	3960.87	-2310.35	-1.840e+04	-2.748e+04	1.551e+06	3.744e+04
867	32	975.71	1.786e+04	-3.004e+04	-1.040e+04	5.876e+05	2.061e+04
	29	-220.95	-1.804e+04	-1.176e+04	7844.95	-4.430e+05	-1.971e+04
	19	3958.91	-3452.92	-1.980e+04	-3.354e+04	1.894e+06	5.938e+04
	18	-3204.15	3272.82	-2.200e+04	3.098e+04	-1.750e+06	-5.848e+04
	18	-3204.15	3272.82	-2.200e+04	3.098e+04	-1.750e+06	-5.848e+04
	19	3958.91	-3452.92	-1.980e+04	-3.354e+04	1.894e+06	5.938e+04
872	32	627.59	1.471e+04	-4.765e+04	-9790.53	5.529e+05	2.008e+04
	29	107.83	-1.503e+04	5720.79	7261.14	-4.100e+05	-1.909e+04
	19	2776.96	-2988.35	-1.607e+04	-3.177e+04	1.794e+06	5.811e+04
	18	-2041.54	2667.60	-2.586e+04	2.924e+04	-1.651e+06	-5.712e+04
	18	-2041.54	2667.60	-2.586e+04	2.924e+04	-1.651e+06	-5.712e+04
	19	2776.96	-2988.35	-1.607e+04	-3.177e+04	1.794e+06	5.811e+04
877	32	147.98	5143.44	-3.786e+04	-4859.07	2.745e+05	7751.99
	29	206.02	-5128.30	1.710e+04	3596.81	-2.032e+05	-7366.18
	19	783.91	-977.66	-5082.33	-1.578e+04	8.914e+05	2.247e+04
	18	-429.91	992.80	-1.568e+04	1.452e+04	-8.200e+05	-2.208e+04
	18	-429.91	992.80	-1.568e+04	1.452e+04	-8.200e+05	-2.208e+04
	19	783.91	-977.66	-5082.33	-1.578e+04	8.914e+05	2.247e+04
887	29	-323.71	-6106.98	-4.050e+04	2886.92	-1.631e+05	-6796.48
	32	657.96	5795.81	1.650e+04	-4227.26	2.388e+05	5540.37
	19	2578.16	-1027.82	-1.629e+04	-1.385e+04	7.823e+05	2.231e+04
	18	-2243.91	716.66	-7704.34	1.251e+04	-7.066e+05	-2.357e+04
	18	-2243.91	716.66	-7704.34	1.251e+04	-7.066e+05	-2.357e+04
	19	2578.16	-1027.82	-1.629e+04	-1.385e+04	7.823e+05	2.231e+04
892	29	-194.76	-1.732e+04	-4.784e+04	5684.70	-3.211e+05	-1.783e+04
	32	928.19	1.676e+04	330.29	-8382.73	4.735e+05	1.455e+04
	19	3987.07	-2846.51	-2.734e+04	-2.741e+04	1.548e+06	5.871e+04
	18	-3253.64	2288.39	-2.017e+04	2.471e+04	-1.396e+06	-6.199e+04
	18	-3253.64	2288.39	-2.017e+04	2.471e+04	-1.396e+06	-6.199e+04
	19	3987.07	-2846.51	-2.734e+04	-2.741e+04	1.548e+06	5.871e+04
897	10	548.74	-584.70	-3.198e+04	-1905.27	1.076e+05	-2384.52
	34	-711.75	1.894e+04	-2.101e+04	5190.02	-2.931e+05	-1.326e+04
	19	2827.36	-3513.72	-2.421e+04	-2.547e+04	1.439e+06	6.367e+04
	18	-2022.13	2635.81	-2.333e+04	2.266e+04	-1.280e+06	-6.713e+04
	18	-2022.13	2635.81	-2.333e+04	2.266e+04	-1.280e+06	-6.713e+04
	19	2827.36	-3513.72	-2.421e+04	-2.547e+04	1.439e+06	6.367e+04
902	36	405.38	1.761e+04	-3.335e+04	-6042.88	3.413e+05	5272.38
	33	390.41	-1.856e+04	-1.100e+04	3340.38	-1.887e+05	-8370.64
	19	1758.75	-3307.45	-2.070e+04	-2.168e+04	1.225e+06	6.006e+04
	18	-962.97	2356.48	-2.365e+04	1.898e+04	-1.072e+06	-6.316e+04
	18	-962.97	2356.48	-2.365e+04	1.898e+04	-1.072e+06	-6.316e+04
	19	1758.75	-3307.45	-2.070e+04	-2.168e+04	1.225e+06	6.006e+04
907	32	122.82	1.335e+04	-4.934e+04	-5955.72	3.365e+05	1.234e+04
	29	661.06	-1.422e+04	8564.32	3394.08	-1.917e+05	-1.485e+04
	19	575.91	-2611.03	-1.639e+04	-1.847e+04	1.044e+06	5.129e+04
	18	207.97	1748.58	-2.438e+04	1.591e+04	-8.989e+05	-5.380e+04
	18	207.97	1748.58	-2.438e+04	1.591e+04	-8.989e+05	-5.380e+04
	19	575.91	-2611.03	-1.639e+04	-1.847e+04	1.044e+06	5.129e+04
912	32	-20.14	4653.53	-3.812e+04	-2976.57	1.682e+05	4664.37
	29	430.60	-4810.97	1.830e+04	1695.14	-9.576e+04	-5602.81
	19	-210.59	-838.09	-5844.48	-9230.50	5.215e+05	1.938e+04
	18	621.05	680.65	-1.397e+04	7949.07	-4.491e+05	-2.032e+04
	18	621.05	680.65	-1.397e+04	7949.07	-4.491e+05	-2.032e+04
	19	-210.59	-838.09	-5844.48	-9230.50	5.215e+05	1.938e+04
922	29	7.98	-4842.18	-3.705e+04	1365.76	-7.716e+04	-1562.59

	32	402.80	4356.82	1.225e+04	-2725.59	1.540e+05	1529.78
	19	1521.82	-911.75	-1.655e+04	-7467.63	4.219e+05	1.437e+04
	18	-1111.04	426.39	-8253.74	6107.80	-3.451e+05	-1.440e+04
	18	-1111.04	426.39	-8253.74	6107.80	-3.451e+05	-1.440e+04
	19	1521.82	-911.75	-1.655e+04	-7467.63	4.219e+05	1.437e+04
927	35	1269.92	-1.330e+04	-4.361e+04	-5375.29	3.037e+05	1.354e+04
	34	-446.20	1.230e+04	-4760.09	2655.52	-1.500e+05	-1.362e+04
	19	2306.06	-2456.86	-2.840e+04	-1.493e+04	8.434e+05	3.876e+04
	18	-1482.34	1454.06	-1.997e+04	1.221e+04	-6.898e+05	-3.885e+04
	18	-1482.34	1454.06	-1.997e+04	1.221e+04	-6.898e+05	-3.885e+04
	19	2306.06	-2456.86	-2.840e+04	-1.493e+04	8.434e+05	3.876e+04
932	10	551.37	-829.77	-3.143e+04	-1807.00	1.020e+05	-52.04
	33	180.81	-1.512e+04	-1.832e+04	2668.97	-1.506e+05	296.85
	24	1684.97	4204.81	-2.772e+04	-1.400e+04	7.898e+05	2.156e+04
	21	-878.26	-5447.74	-1.903e+04	1.134e+04	-6.401e+05	-2.158e+04
	21	-878.26	-5447.74	-1.903e+04	1.134e+04	-6.401e+05	-2.158e+04
	24	1684.97	4204.81	-2.772e+04	-1.400e+04	7.898e+05	2.156e+04
937	36	682.03	1.250e+04	-5.292e+04	-5471.06	3.089e+05	-271.31
	33	143.01	-1.374e+04	5270.89	2747.44	-1.551e+05	319.90
	24	1292.44	3740.33	-3.702e+04	-1.382e+04	7.804e+05	2.057e+04
	21	-467.40	-4979.95	-1.063e+04	1.110e+04	-6.266e+05	-2.052e+04
	21	-467.40	-4979.95	-1.063e+04	1.110e+04	-6.266e+05	-2.052e+04
	24	1292.44	3740.33	-3.702e+04	-1.382e+04	7.804e+05	2.057e+04
942	32	243.40	4752.41	-4.307e+04	-2750.58	1.556e+05	1670.44
	29	183.57	-5072.98	1.886e+04	1319.44	-7.464e+04	-1653.08
	24	479.77	1458.16	-2.450e+04	-7252.53	4.103e+05	8286.12
	21	-52.80	-1778.72	289.27	5821.39	-3.293e+05	-8268.76
	21	-52.80	-1778.72	289.27	5821.39	-3.293e+05	-8268.76
	24	479.77	1458.16	-2.450e+04	-7252.53	4.103e+05	8286.12
972	35	-177.73	-2293.87	-2.479e+04	-300.03	1.695e+04	-6645.16
	34	495.78	3181.72	1.136e+04	47.83	-2702.01	1.312e+04
	24	1322.94	1032.15	-9260.00	-4023.90	2.273e+05	3351.74
	21	-1004.90	-144.30	-4166.12	3771.70	-2.131e+05	3126.50
	21	-1004.90	-144.30	-4166.12	3771.70	-2.131e+05	3126.50
	24	1322.94	1032.15	-9260.00	-4023.90	2.273e+05	3351.74
977	23	2021.82	-1531.78	-3.518e+04	-6977.42	3.942e+05	-6418.67
	22	-1749.11	4525.20	3216.79	6404.47	-3.618e+05	2.408e+04
	24	2470.75	3133.28	-2.899e+04	-8133.57	4.595e+05	8593.65
	21	-2198.04	-139.85	-2976.49	7560.62	-4.271e+05	9069.66
	21	-2198.04	-139.85	-2976.49	7560.62	-4.271e+05	9069.66
	24	2470.75	3133.28	-2.899e+04	-8133.57	4.595e+05	8593.65
982	24	2483.23	3050.76	-4.061e+04	-8119.51	4.584e+05	6444.62
	21	-2776.02	235.63	5950.31	7850.37	-4.432e+05	1.328e+04
	24	2483.23	3050.76	-4.061e+04	-8119.51	4.584e+05	6444.62
	21	-2776.02	235.63	5950.31	7850.37	-4.432e+05	1.328e+04
	21	-2776.02	235.63	5950.31	7850.37	-4.432e+05	1.328e+04
	24	2483.23	3050.76	-4.061e+04	-8119.51	4.584e+05	6444.62
987	24	5569.25	3639.22	-7.411e+04	-4.039e+05	2.438e+05	1.950e+04
	21	-7452.63	60.02	2.153e+04	2.547e+05	-2.306e+05	1.391e+04
	32	-2310.71	1.157e+04	-7.041e+04	-9.782e+05	1.229e+05	7.012e+04
	29	427.32	-7869.65	1.784e+04	8.290e+05	-1.097e+05	-3.671e+04
	21	-7452.63	60.02	2.153e+04	2.547e+05	-2.306e+05	1.391e+04
	24	5569.25	3639.22	-7.411e+04	-4.039e+05	2.438e+05	1.950e+04
992	24	1.232e+04	3939.92	-7.365e+04	-7.529e+05	1.525e+04	5.625e+04
	21	-1.480e+04	-1511.10	1.038e+04	4.863e+05	-9852.05	-717.87
	32	-549.20	1.013e+04	-7.075e+04	-1.871e+06	3.790e+04	1.247e+05
	29	-1927.90	-7705.93	7482.70	1.604e+06	-3.250e+04	-6.916e+04
	29	-1927.90	-7705.93	7482.70	1.604e+06	-3.250e+04	-6.916e+04
	32	-549.20	1.013e+04	-7.075e+04	-1.871e+06	3.790e+04	1.247e+05
997	36	4315.73	6996.29	-5.860e+04	-1.629e+06	3.301e+04	8.924e+04
	33	-5920.63	-5921.96	-291.17	1.463e+06	-2.964e+04	-4.825e+04
	32	3033.91	7067.83	-5.727e+04	-1.635e+06	3.314e+04	9.077e+04
	29	-4638.82	-5993.50	-1623.37	1.469e+06	-2.977e+04	-4.978e+04
	29	-4638.82	-5993.50	-1623.37	1.469e+06	-2.977e+04	-4.978e+04
	32	3033.91	7067.83	-5.727e+04	-1.635e+06	3.314e+04	9.077e+04
1002	36	6691.64	5890.36	-5.393e+04	-1.495e+06	3.029e+04	3.245e+04
	33	-7680.26	-5468.08	-2606.16	1.393e+06	-2.822e+04	-1.096e+04
	32	5329.09	5950.46	-5.302e+04	-1.499e+06	3.037e+04	3.361e+04
	29	-6317.70	-5528.18	-3516.35	1.397e+06	-2.830e+04	-1.212e+04
	29	-6317.70	-5528.18	-3516.35	1.397e+06	-2.830e+04	-1.212e+04
	32	5329.09	5950.46	-5.302e+04	-1.499e+06	3.037e+04	3.361e+04
1007	36	8227.69	6870.81	-5.547e+04	-1.494e+06	3.027e+04	-2.071e+04
	33	-8731.24	-6677.09	219.14	1.417e+06	-2.871e+04	2.546e+04
	32	6830.91	6927.13	-5.487e+04	-1.496e+06	3.030e+04	-1.924e+04
	29	-7334.46	-6733.42	-385.27	1.419e+06	-2.874e+04	2.400e+04
	29	-7334.46	-6733.42	-385.27	1.419e+06	-2.874e+04	2.400e+04
	32	6830.91	6927.13	-5.487e+04	-1.496e+06	3.030e+04	-1.924e+04

1012	15	3816.16	-140.15	-5711.77	6961.64	-34.60	-246.81
	14	-4058.65	158.38	-553.57	-7623.40	37.89	308.14
	30	-1880.52	357.30	-921.59	-1.978e+04	98.34	1272.88
	31	1638.03	-339.07	-5343.76	1.912e+04	-95.05	-1211.55
	31	1638.03	-339.07	-5343.76	1.912e+04	-95.05	-1211.55
	30	-1880.52	357.30	-921.59	-1.978e+04	98.34	1272.88
1017	31	2043.77	-120.71	-5015.75	1.456e+04	-72.37	-57.19
	30	-2297.34	128.37	-824.94	-1.477e+04	73.42	133.87
	30	-2297.34	128.37	-824.94	-1.477e+04	73.42	133.87
	31	2043.77	-120.71	-5015.75	1.456e+04	-72.37	-57.19
	31	2043.77	-120.71	-5015.75	1.456e+04	-72.37	-57.19
	30	-2297.34	128.37	-824.94	-1.477e+04	73.42	133.87
1022	35	2032.09	-114.45	-4916.34	1.494e+04	-74.26	175.39
	34	-2254.59	116.66	-587.90	-1.470e+04	73.03	-90.20
	30	-2521.23	120.16	-598.62	-1.494e+04	74.23	-85.85
	31	2298.73	-117.95	-4905.62	1.519e+04	-75.47	171.04
	31	2298.73	-117.95	-4905.62	1.519e+04	-75.47	171.04
	30	-2521.23	120.16	-598.62	-1.494e+04	74.23	-85.85
1027	29	-574.33	-100.31	-5130.97	1.461e+04	-72.60	35.17
	32	404.91	97.67	-134.11	-1.387e+04	68.95	56.74
	30	-2647.30	122.81	-228.81	-1.514e+04	75.26	65.34
	31	2477.88	-125.45	-5036.27	1.588e+04	-78.92	26.56
	31	2477.88	-125.45	-5036.27	1.588e+04	-78.92	26.56
	30	-2647.30	122.81	-228.81	-1.514e+04	75.26	65.34
1032	29	-377.02	-94.48	-5742.41	1.426e+04	-70.89	-134.63
	32	272.97	86.21	607.72	-1.298e+04	64.53	245.84
	30	-2714.15	109.08	348.45	-1.415e+04	70.35	274.62
	31	2610.11	-117.35	-5483.14	1.543e+04	-76.70	-163.41
	31	2610.11	-117.35	-5483.14	1.543e+04	-76.70	-163.41
	30	-2714.15	109.08	348.45	-1.415e+04	70.35	274.62
1037	29	-137.19	-87.25	-6772.02	1.348e+04	-66.99	-58.19
	32	108.09	67.74	1621.28	-1.143e+04	56.83	229.29
	30	-2717.41	85.85	1267.98	-1.237e+04	61.50	277.62
	31	2688.32	-105.36	-6418.72	1.442e+04	-71.66	-106.52
	31	2688.32	-105.36	-6418.72	1.442e+04	-71.66	-106.52
	30	-2717.41	85.85	1267.98	-1.237e+04	61.50	277.62
1042	29	133.48	-190.81	-8711.64	1.544e+04	-76.74	619.42
	32	-73.88	127.39	3249.40	-1.187e+04	58.98	-318.34
	30	-2607.20	138.57	2894.51	-1.256e+04	62.43	-316.82
	31	2666.79	-201.99	-8356.75	1.613e+04	-80.19	617.90
	31	2666.79	-201.99	-8356.75	1.613e+04	-80.19	617.90
	30	-2607.20	138.57	2894.51	-1.256e+04	62.43	-316.82
1047	31	970.89	-231.01	-7364.44	1.417e+04	-70.43	-588.70
	30	-1120.36	171.68	3176.83	-1.111e+04	55.22	337.18
	30	-1120.36	171.68	3176.83	-1.111e+04	55.22	337.18
	31	970.89	-231.01	-7364.44	1.417e+04	-70.43	-588.70
	31	970.89	-231.01	-7364.44	1.417e+04	-70.43	-588.70
	30	-1120.36	171.68	3176.83	-1.111e+04	55.22	337.18
1052	29	-616.84	-82.12	-6174.91	1.122e+04	-55.77	-96.26
	32	512.95	61.29	2351.69	-9267.42	46.07	-58.02
	30	-1262.27	76.73	2275.06	-9678.69	48.11	3.55
	31	1158.38	-97.55	-6098.28	1.163e+04	-57.81	-157.82
	31	1158.38	-97.55	-6098.28	1.163e+04	-57.81	-157.82
	30	-1262.27	76.73	2275.06	-9678.69	48.11	3.55
1057	29	-509.99	-68.65	-5629.32	1.128e+04	-56.09	108.44
	32	442.50	58.61	1975.16	-9842.81	48.93	-185.06
	30	-1356.83	68.52	1848.26	-1.006e+04	49.99	-165.55
	31	1289.34	-78.56	-5502.41	1.150e+04	-57.15	88.93
	31	1289.34	-78.56	-5502.41	1.150e+04	-57.15	88.93
	30	-1356.83	68.52	1848.26	-1.006e+04	49.99	-165.55
1062	29	-385.56	-73.41	-5393.42	1.183e+04	-58.79	108.83
	32	349.40	66.60	1819.88	-1.061e+04	52.72	-139.32
	30	-1434.05	75.72	1662.99	-1.081e+04	53.72	-149.43
	31	1397.89	-82.54	-5236.53	1.203e+04	-59.79	118.94
	31	1397.89	-82.54	-5236.53	1.203e+04	-59.79	118.94
	30	-1434.05	75.72	1662.99	-1.081e+04	53.72	-149.43
1067	29	-250.81	-76.37	-5390.11	1.213e+04	-60.30	21.50
	32	242.51	70.12	1841.64	-1.097e+04	54.51	-18.90
	30	-1501.57	80.18	1660.82	-1.125e+04	55.93	-42.15
	31	1493.27	-86.43	-5209.29	1.242e+04	-61.71	44.74
	31	1493.27	-86.43	-5209.29	1.242e+04	-61.71	44.74
	30	-1501.57	80.18	1660.82	-1.125e+04	55.93	-42.15
1072	29	-110.53	-73.64	-5609.10	1.201e+04	-59.70	-58.97
	32	128.64	66.21	2039.23	-1.077e+04	53.53	94.44
	30	-1559.44	77.55	1836.87	-1.116e+04	55.47	73.87
	31	1577.55	-84.98	-5406.74	1.240e+04	-61.65	-38.40
	31	1577.55	-84.98	-5406.74	1.240e+04	-61.65	-38.40

	30	-1559.44	77.55	1836.87	-1.116e+04	55.47	73.87
1077	29	31.27	-69.91	-6084.59	1.171e+04	-58.22	-32.38
	32	13.86	58.56	2439.58	-1.023e+04	50.83	113.36
	30	-1600.66	70.39	2219.27	-1.068e+04	53.08	110.74
	31	1645.79	-81.74	-5864.27	1.216e+04	-60.46	-29.76
	31	1645.79	-81.74	-5864.27	1.216e+04	-60.46	-29.76
	30	-1600.66	70.39	2219.27	-1.068e+04	53.08	110.74
1082	29	170.54	-88.41	-6925.04	1.209e+04	-60.08	237.28
	32	-96.17	65.34	3119.78	-1.007e+04	50.07	-79.60
	30	-1609.46	75.12	2887.37	-1.047e+04	52.03	-53.43
	31	1683.82	-98.19	-6692.62	1.248e+04	-62.05	211.11
	31	1683.82	-98.19	-6692.62	1.248e+04	-62.05	211.11
	30	-1609.46	75.12	2887.37	-1.047e+04	52.03	-53.43
1087	29	318.48	-231.19	-8502.55	1.520e+04	-75.57	796.50
	32	-208.10	167.67	4345.20	-1.206e+04	59.94	-545.39
	30	-1566.87	171.52	4112.84	-1.228e+04	61.04	-517.61
	31	1677.25	-235.04	-8270.19	1.543e+04	-76.66	768.73
	31	1677.25	-235.04	-8270.19	1.543e+04	-76.66	768.73
	30	-1566.87	171.52	4112.84	-1.228e+04	61.04	-517.61
1092	33	-214.97	-4508.66	-3.460e+04	1.968e+04	-2.301e+04	2502.40
	36	170.17	3216.45	1.866e+04	-1.543e+04	2.250e+04	-2760.82
	30	-2038.41	3261.43	1.840e+04	-1.617e+04	-9.005e+04	-4963.29
	31	1993.62	-4553.64	-3.435e+04	2.043e+04	8.954e+04	4704.87
	18	-4299.84	534.72	-839.56	-4304.60	-2.122e+05	-5632.00
	19	4255.05	-1826.93	-1.511e+04	8557.72	2.117e+05	5373.58
1097	33	-682.37	-237.14	-8529.49	1.573e+04	-78.20	-715.38
	36	536.47	176.16	4396.23	-1.264e+04	62.85	458.98
	30	-646.63	188.17	4390.22	-1.270e+04	63.13	499.27
	31	500.73	-249.14	-8523.49	1.579e+04	-78.48	-755.66
	31	500.73	-249.14	-8523.49	1.579e+04	-78.48	-755.66
	30	-646.63	188.17	4390.22	-1.270e+04	63.13	499.27
1102	33	-592.11	-93.39	-7066.79	1.279e+04	-63.55	-221.47
	36	479.79	72.10	3289.88	-1.083e+04	53.82	64.42
	36	479.79	72.10	3289.88	-1.083e+04	53.82	64.42
	33	-592.11	-93.39	-7066.79	1.279e+04	-63.55	-221.47
	33	-592.11	-93.39	-7066.79	1.279e+04	-63.55	-221.47
	36	479.79	72.10	3289.88	-1.083e+04	53.82	64.42
1107	29	-572.05	-71.84	-6337.54	1.240e+04	-61.60	29.51
	32	485.45	61.64	2725.68	-1.095e+04	54.44	-107.06
	36	401.80	61.96	2724.70	-1.096e+04	54.48	-106.62
	33	-488.39	-72.16	-6336.56	1.240e+04	-61.64	29.06
	33	-488.39	-72.16	-6336.56	1.240e+04	-61.64	29.06
	36	401.80	61.96	2724.70	-1.096e+04	54.48	-106.62
1112	29	-450.88	-73.57	-5977.77	1.267e+04	-62.94	57.19
	32	386.38	66.67	2446.16	-1.145e+04	56.88	-87.59
	36	303.73	67.01	2443.76	-1.146e+04	56.93	-88.84
	33	-368.24	-73.91	-5975.37	1.268e+04	-62.99	58.44
	33	-368.24	-73.91	-5975.37	1.268e+04	-62.99	58.44
	36	303.73	67.01	2443.76	-1.146e+04	56.93	-88.84
1117	29	-319.50	-75.24	-5889.10	1.280e+04	-63.61	-8.43
	32	274.76	68.91	2385.13	-1.163e+04	57.82	11.73
	30	-1079.89	75.50	2278.70	-1.166e+04	57.95	-27.93
	31	1035.15	-81.83	-5782.67	1.282e+04	-63.74	31.23
	31	1035.15	-81.83	-5782.67	1.282e+04	-63.74	31.23
	30	-1079.89	75.50	2278.70	-1.166e+04	57.95	-27.93
1122	37	8.37	-71.17	-6089.51	1.234e+04	-61.33	-31.25
	40	-33.91	63.60	2568.98	-1.109e+04	55.13	67.74
	30	-1165.09	73.61	2399.80	-1.154e+04	57.38	69.84
	31	1139.55	-81.18	-5920.34	1.279e+04	-63.58	-33.34
	31	1139.55	-81.18	-5920.34	1.279e+04	-63.58	-33.34
	30	-1165.09	73.61	2399.80	-1.154e+04	57.38	69.84
1127	37	146.11	-70.15	-6574.75	1.222e+04	-60.75	22.71
	40	-151.14	58.53	2985.63	-1.073e+04	53.33	59.18
	30	-1235.42	68.54	2750.02	-1.113e+04	55.31	87.17
	31	1230.38	-80.16	-6339.14	1.262e+04	-62.73	-5.28
	31	1230.38	-80.16	-6339.14	1.262e+04	-62.73	-5.28
	30	-1235.42	68.54	2750.02	-1.113e+04	55.31	87.17
1132	37	280.75	-94.10	-7460.81	1.290e+04	-64.12	317.40
	40	-262.27	70.47	3719.68	-1.088e+04	54.05	-160.24
	38	-1464.47	79.66	3540.65	-1.119e+04	55.60	-142.94
	39	1482.95	-103.29	-7281.78	1.321e+04	-65.66	300.10
	39	1482.95	-103.29	-7281.78	1.321e+04	-65.66	300.10
	38	-1464.47	79.66	3540.65	-1.119e+04	55.60	-142.94
1137	37	423.14	-250.83	-9147.98	1.648e+04	-81.88	895.68
	40	-372.97	186.55	5065.00	-1.334e+04	66.28	-652.19
	38	-1455.73	190.60	4864.29	-1.349e+04	67.03	-616.14
	39	1505.89	-254.88	-8947.26	1.663e+04	-82.63	859.62

	39	1505.89	-254.88	-8947.26	1.663e+04	-82.63	859.62
	38	-1455.73	190.60	4864.29	-1.349e+04	67.03	-616.14
1142	41	-154.44	-4850.18	-3.703e+04	2.108e+04	-2.137e+04	2759.54
	44	-25.59	3564.97	2.137e+04	-1.697e+04	1.677e+04	-3621.81
	38	-1789.56	3580.54	2.105e+04	-1.745e+04	-7.857e+04	-4668.57
	39	1609.53	-4865.76	-3.672e+04	2.157e+04	7.397e+04	3806.30
	18	-3435.95	656.39	371.05	-4616.72	-1.785e+05	-3338.51
	19	3255.92	-1941.60	-1.603e+04	8735.05	1.739e+05	2476.23
1147	41	-682.84	-258.50	-8978.23	1.666e+04	-82.80	-809.52
	44	462.84	199.35	5061.30	-1.372e+04	68.19	550.72
	44	462.84	199.35	5061.30	-1.372e+04	68.19	550.72
	41	-682.84	-258.50	-8978.23	1.666e+04	-82.80	-809.52
	41	-682.84	-258.50	-8978.23	1.666e+04	-82.80	-809.52
	44	462.84	199.35	5061.30	-1.372e+04	68.19	550.72
1152	41	-589.09	-101.92	-7456.81	1.322e+04	-65.72	-350.33
	44	387.14	81.26	3907.74	-1.140e+04	56.66	183.67
	40	445.51	81.10	3907.60	-1.140e+04	56.69	181.39
	37	-647.45	-101.76	-7456.67	1.323e+04	-65.76	-348.05
	37	-647.45	-101.76	-7456.67	1.323e+04	-65.76	-348.05
	40	445.51	81.10	3907.60	-1.140e+04	56.69	181.39
1157	37	-540.70	-72.33	-6697.69	1.231e+04	-61.17	-95.15
	40	351.34	63.01	3337.96	-1.104e+04	54.85	3.19
	40	351.34	63.01	3337.96	-1.104e+04	54.85	3.19
	37	-540.70	-72.33	-6697.69	1.231e+04	-61.17	-95.15
	37	-540.70	-72.33	-6697.69	1.231e+04	-61.17	-95.15
	40	351.34	63.01	3337.96	-1.104e+04	54.85	3.19
1162	37	-411.82	-68.62	-6321.64	1.208e+04	-60.05	-52.15
	40	233.58	63.10	3075.27	-1.109e+04	55.12	5.06
	40	233.58	63.10	3075.27	-1.109e+04	55.12	5.06
	37	-411.82	-68.62	-6321.64	1.208e+04	-60.05	-52.15
	37	-411.82	-68.62	-6321.64	1.208e+04	-60.05	-52.15
	40	233.58	63.10	3075.27	-1.109e+04	55.12	5.06
1167	37	-265.83	-66.60	-6226.59	1.180e+04	-58.64	-102.48
	40	99.19	62.15	3049.38	-1.093e+04	54.32	87.71
	40	99.19	62.15	3049.38	-1.093e+04	54.32	87.71
	37	-265.83	-66.60	-6226.59	1.180e+04	-58.64	-102.48
	37	-265.83	-66.60	-6226.59	1.180e+04	-58.64	-102.48
	40	99.19	62.15	3049.38	-1.093e+04	54.32	87.71
1172	37	-103.84	-60.84	-6391.04	1.124e+04	-55.86	-157.54
	40	-47.38	55.69	3247.44	-1.037e+04	51.53	173.29
	44	-101.96	56.07	3232.82	-1.037e+04	51.56	170.94
	41	-49.26	-61.22	-6376.41	1.125e+04	-55.89	-155.19
	41	-49.26	-61.22	-6376.41	1.125e+04	-55.89	-155.19
	44	-101.96	56.07	3232.82	-1.037e+04	51.56	170.94
1177	37	75.90	-53.92	-6845.57	1.056e+04	-52.49	-133.16
	40	-203.15	45.66	3692.39	-9550.10	47.46	185.61
	38	-1123.44	54.46	3206.37	-9667.52	48.05	147.43
	39	996.20	-62.72	-6359.55	1.068e+04	-53.08	-94.98
	39	996.20	-62.72	-6359.55	1.068e+04	-53.08	-94.98
	38	-1123.44	54.46	3206.37	-9667.52	48.05	147.43
1182	37	278.00	-62.07	-7698.06	1.039e+04	-51.63	77.73
	40	-366.04	45.13	4460.26	-9034.00	44.90	25.34
	38	-1187.50	57.65	3817.13	-9309.04	46.26	-3.60
	39	1099.46	-74.59	-7054.93	1.066e+04	-53.00	106.67
	39	1099.46	-74.59	-7054.93	1.066e+04	-53.00	106.67
	38	-1187.50	57.65	3817.13	-9309.04	46.26	-3.60
1187	37	525.86	-156.20	-9298.28	1.222e+04	-60.72	526.28
	40	-545.56	114.79	5798.90	-1.019e+04	50.66	-380.23
	38	-1219.21	135.11	4946.92	-1.061e+04	52.71	-384.94
	39	1199.51	-176.52	-8446.30	1.263e+04	-62.78	530.99
	39	1199.51	-176.52	-8446.30	1.263e+04	-62.78	530.99
	38	-1219.21	135.11	4946.92	-1.061e+04	52.71	-384.94
1192	37	817.76	-3707.06	-3.911e+04	7260.02	-5.957e+04	1.386e+04
	40	-931.18	2693.04	2.443e+04	-6038.45	4.288e+04	-1.517e+04
	38	-1930.68	3003.13	2.129e+04	-7134.39	-1.189e+05	-8675.58
	39	1817.25	-4017.14	-3.597e+04	8355.96	1.022e+05	7365.32
	18	-2134.80	1016.33	-3516.05	-3374.94	-2.868e+05	6792.66
	19	2021.38	-2030.34	-1.116e+04	4596.51	2.702e+05	-8102.93
1197	10	114.02	6.95	-6041.30	-310.96	1.55	36.08
	16	2736.44	137.34	-3431.75	-8791.58	43.70	820.98
	30	-742.22	512.05	-4555.20	-3.070e+04	152.59	2103.92
	31	888.66	-501.34	-4282.66	3.022e+04	-150.23	-2047.75
	31	888.66	-501.34	-4282.66	3.022e+04	-150.23	-2047.75
	30	-742.22	512.05	-4555.20	-3.070e+04	152.59	2103.92
1202	18	-2387.94	68.44	-1.184e+04	-6706.41	33.33	-32.20
	19	2542.96	-66.65	2992.21	6606.18	-32.83	99.96
	30	-664.88	188.63	-6930.36	-2.305e+04	114.54	276.98

	31	819.90	-186.84	-1917.14	2.295e+04	-114.04	-209.22
	31	819.90	-186.84	-1917.14	2.295e+04	-114.04	-209.22
	30	-664.88	188.63	-6930.36	-2.305e+04	114.54	276.98
1207	18	-849.61	37.31	-9552.25	-3512.87	17.46	-71.36
	19	872.99	-40.12	5228.74	3591.07	-17.84	105.98
	30	-247.82	95.39	-4648.88	-1.147e+04	57.01	-101.42
	31	271.19	-98.20	325.37	1.155e+04	-57.40	136.04
	31	271.19	-98.20	325.37	1.155e+04	-57.40	136.04
	30	-247.82	95.39	-4648.88	-1.147e+04	57.01	-101.42
1211	1	0.0	0.0	0.0	0.0	0.0	0.0
	1	0.0	0.0	0.0	0.0	0.0	0.0
	1	0.0	0.0	0.0	0.0	0.0	0.0
	1	0.0	0.0	0.0	0.0	0.0	0.0
	1	0.0	0.0	0.0	0.0	0.0	0.0
	1	0.0	0.0	0.0	0.0	0.0	0.0
1222	16	1649.12	-8.47	-1.143e+04	39.81	-0.20	174.09
	13	-1788.00	7.03	6766.79	1330.53	-6.61	-69.85
	30	-459.99	124.64	-1851.64	-1.268e+04	63.00	433.88
	31	321.11	-126.08	-2814.82	1.405e+04	-69.80	-329.64
	31	321.11	-126.08	-2814.82	1.405e+04	-69.80	-329.64
	30	-459.99	124.64	-1851.64	-1.268e+04	63.00	433.88
1227	16	4742.89	-75.67	-1.356e+04	1487.61	-7.39	333.75
	13	-5274.76	45.90	4041.15	2220.30	-11.03	-33.42
	30	-1380.69	171.66	-7072.84	-2.278e+04	113.21	584.71
	31	848.82	-201.43	-2448.96	2.649e+04	-131.64	-284.38
	31	848.82	-201.43	-2448.96	2.649e+04	-131.64	-284.38
	30	-1380.69	171.66	-7072.84	-2.278e+04	113.21	584.71
1232	36	1787.54	155.34	-1.113e+04	-1.891e+04	93.98	-492.50
	33	-2300.63	-266.36	2583.26	2.529e+04	-125.67	1071.77
	30	-1418.07	249.04	-1.013e+04	-2.261e+04	112.37	-337.59
	31	904.98	-360.06	1581.37	2.899e+04	-144.06	916.86
	31	904.98	-360.06	1581.37	2.899e+04	-144.06	916.86
	30	-1418.07	249.04	-1.013e+04	-2.261e+04	112.37	-337.59
1237	30	-1566.18	201.58	-9131.93	-1.604e+04	79.73	687.33
	31	1856.15	-316.94	3177.74	2.157e+04	-107.24	-1152.04
	36	929.36	224.66	-8289.90	-1.680e+04	83.51	388.80
	33	-639.39	-340.01	2335.72	2.233e+04	-111.02	-853.51
	33	-639.39	-340.01	2335.72	2.233e+04	-111.02	-853.51
	36	929.36	224.66	-8289.90	-1.680e+04	83.51	388.80
1242	30	-1407.96	98.65	-9126.03	-1.387e+04	68.96	124.82
	31	1730.83	-141.30	2505.06	1.754e+04	-87.16	-392.31
	36	1006.86	116.55	-7280.23	-1.503e+04	74.69	114.89
	33	-683.99	-159.21	659.25	1.869e+04	-92.90	-382.38
	33	-683.99	-159.21	659.25	1.869e+04	-92.90	-382.38
	36	1006.86	116.55	-7280.23	-1.503e+04	74.69	114.89
1247	14	-3476.24	8.82	-1.218e+04	-1843.20	9.16	-191.49
	15	3794.65	-31.70	5253.06	4680.71	-23.26	51.27
	36	912.89	103.45	-6199.24	-1.504e+04	74.76	-129.63
	33	-594.48	-126.34	-724.72	1.788e+04	-88.86	-10.59
	33	-594.48	-126.34	-724.72	1.788e+04	-88.86	-10.59
	36	912.89	103.45	-6199.24	-1.504e+04	74.76	-129.63
1252	14	-1164.83	13.67	-9458.95	-1196.02	5.94	-96.55
	15	1212.58	-18.86	6112.90	2455.74	-12.20	54.13
	36	259.81	60.60	-2233.79	-7715.69	38.35	-77.34
	33	-212.06	-65.79	-1112.27	8975.41	-44.61	34.92
	33	-212.06	-65.79	-1112.27	8975.41	-44.61	34.92
	36	259.81	60.60	-2233.79	-7715.69	38.35	-77.34
1256	16	990.86	-6.40	-7900.74	-363.38	1.81	76.73
	13	-1026.03	1.70	4616.54	1596.21	-7.93	-32.11
	30	-284.56	48.51	-2155.85	-7799.96	38.76	-38.58
	31	249.40	-53.21	-1128.35	9032.79	-44.88	83.21
	31	249.40	-53.21	-1128.35	9032.79	-44.88	83.21
	30	-284.56	48.51	-2155.85	-7799.96	38.76	-38.58
1259	16	2995.39	-39.08	-9985.76	-282.52	1.40	161.07
	13	-3280.19	18.81	3244.98	3065.02	-15.23	-15.20
	30	-1018.94	111.68	-6535.38	-1.593e+04	79.16	-143.59
	31	734.14	-131.96	-205.40	1.871e+04	-92.99	289.47
	31	734.14	-131.96	-205.40	1.871e+04	-92.99	289.47
	30	-1018.94	111.68	-6535.38	-1.593e+04	79.16	-143.59
1267	32	1128.05	93.06	-9164.67	-1.475e+04	73.31	-365.93
	29	-1417.66	-133.77	2741.79	1.835e+04	-91.21	635.84
	30	-1133.79	147.37	-8163.56	-1.703e+04	84.63	-388.29
	31	844.18	-188.08	1740.68	2.063e+04	-102.52	658.20
	31	844.18	-188.08	1740.68	2.063e+04	-102.52	658.20
	30	-1133.79	147.37	-8163.56	-1.703e+04	84.63	-388.29
1272	36	1166.75	221.06	-9757.39	-1.808e+04	89.84	-933.45
	33	-1438.23	-333.22	3976.35	2.347e+04	-116.63	1383.27

	30	-1052.78	287.04	-9680.00	-1.999e+04	99.37	-670.53
	31	781.30	-399.20	3898.95	2.538e+04	-126.15	1120.35
	31	781.30	-399.20	3898.95	2.538e+04	-126.15	1120.35
	30	-1052.78	287.04	-9680.00	-1.999e+04	99.37	-670.53
1277	30	-2698.05	3380.99	-3.319e+04	-2.450e+04	-1.022e+05	8446.54
	31	2729.65	-4732.41	1.876e+04	3.222e+04	1.029e+05	-8638.60
	30	-2698.05	3380.99	-3.319e+04	-2.450e+04	-1.022e+05	8446.54
	31	2729.65	-4732.41	1.876e+04	3.222e+04	1.029e+05	-8638.60
	18	-8051.81	534.19	-1.623e+04	-5706.43	-2.834e+05	2.817e+04
	19	8083.41	-1885.62	1790.75	1.342e+04	2.841e+05	-2.836e+04
1287	30	-1873.27	238.20	-1.143e+04	-2.004e+04	99.61	962.86
	31	2213.19	-352.90	4817.70	2.576e+04	-128.04	-1459.08
	32	869.04	284.88	-1.061e+04	-2.195e+04	109.11	698.69
	29	-529.12	-399.57	3999.44	2.767e+04	-137.54	-1194.91
	29	-529.12	-399.57	3999.44	2.767e+04	-137.54	-1194.91
	32	869.04	284.88	-1.061e+04	-2.195e+04	109.11	698.69
1292	30	-1659.84	111.02	-1.108e+04	-1.683e+04	83.62	257.17
	31	2033.85	-151.24	3730.05	2.053e+04	-102.02	-512.87
	32	996.13	138.55	-9337.22	-1.882e+04	93.54	318.89
	29	-622.13	-178.78	1986.67	2.252e+04	-111.94	-574.59
	29	-622.13	-178.78	1986.67	2.252e+04	-111.94	-574.59
	32	996.13	138.55	-9337.22	-1.882e+04	93.54	318.89
1297	14	-3616.99	6.87	-1.229e+04	-1748.29	8.69	-256.49
	15	3981.26	-29.56	4577.01	4654.19	-23.13	138.07
	32	929.16	111.55	-8169.25	-1.799e+04	89.40	58.94
	29	-564.89	-134.23	456.89	2.090e+04	-103.85	-177.35
	29	-564.89	-134.23	456.89	2.090e+04	-103.85	-177.35
	32	929.16	111.55	-8169.25	-1.799e+04	89.40	58.94
1302	14	-1229.10	16.14	-9472.91	-1264.35	6.28	-125.30
	15	1298.81	-22.40	5736.02	2575.05	-12.80	92.38
	32	271.76	55.53	-3192.27	-8949.96	44.49	2.10
	29	-202.05	-61.78	-544.62	1.026e+04	-51.00	-35.03
	29	-202.05	-61.78	-544.62	1.026e+04	-51.00	-35.03
	32	271.76	55.53	-3192.27	-8949.96	44.49	2.10
1306	20	767.90	-10.67	-6968.02	-459.98	2.29	33.74
	17	-789.44	6.05	4021.13	1642.17	-8.16	15.28
	30	-175.62	41.69	-2689.30	-7430.80	36.92	-70.30
	31	154.08	-46.31	-257.60	8612.99	-42.79	119.32
	31	154.08	-46.31	-257.60	8612.99	-42.79	119.32
	30	-175.62	41.69	-2689.30	-7430.80	36.92	-70.30
1309	40	753.35	69.39	-1.003e+04	-1.376e+04	68.36	-250.21
	37	-1012.79	-90.61	3949.68	1.643e+04	-81.65	406.14
	38	-694.22	101.95	-7237.35	-1.537e+04	76.37	-298.86
	39	434.78	-123.17	1161.14	1.804e+04	-89.66	454.79
	39	434.78	-123.17	1161.14	1.804e+04	-89.66	454.79
	38	-694.22	101.95	-7237.35	-1.537e+04	76.37	-298.86
1317	40	1009.66	104.13	-9713.83	-1.518e+04	75.47	-547.35
	37	-1275.47	-147.09	3888.34	1.865e+04	-92.70	817.06
	38	-749.98	150.58	-8628.68	-1.698e+04	84.38	-535.79
	39	484.17	-193.54	2803.19	2.044e+04	-101.61	805.50
	39	484.17	-193.54	2803.19	2.044e+04	-101.61	805.50
	38	-749.98	150.58	-8628.68	-1.698e+04	84.38	-535.79
1322	44	1083.83	244.76	-1.035e+04	-1.884e+04	93.62	-1031.46
	41	-1340.42	-355.40	5080.63	2.390e+04	-118.80	1442.60
	38	-665.46	297.94	-1.007e+04	-2.024e+04	100.60	-775.35
	39	408.87	-408.59	4793.93	2.531e+04	-125.77	1186.49
	39	408.87	-408.59	4793.93	2.531e+04	-125.77	1186.49
	38	-665.46	297.94	-1.007e+04	-2.024e+04	100.60	-775.35
1327	38	-1998.60	3653.97	-3.552e+04	-2.402e+04	-8.595e+04	6392.21
	39	1988.32	-4978.98	2.163e+04	3.083e+04	8.458e+04	-6693.05
	38	-1998.60	3653.97	-3.552e+04	-2.402e+04	-8.595e+04	6392.21
	39	1988.32	-4978.98	2.163e+04	3.083e+04	8.458e+04	-6693.05
	18	-6567.56	676.25	-1.591e+04	-5937.62	-2.467e+05	2.493e+04
	19	6557.27	-2001.26	2026.42	1.275e+04	2.454e+05	-2.523e+04
1337	38	-1364.36	262.25	-1.098e+04	-1.972e+04	98.04	1007.97
	39	1629.63	-374.58	5459.53	2.483e+04	-123.41	-1458.85
	40	695.20	300.29	-1.070e+04	-2.128e+04	105.78	742.11
	37	-429.93	-412.62	5178.87	2.638e+04	-131.15	-1192.99
	37	-429.93	-412.62	5178.87	2.638e+04	-131.15	-1192.99
	40	695.20	300.29	-1.070e+04	-2.128e+04	105.78	742.11
1342	38	-1215.18	119.16	-1.038e+04	-1.620e+04	80.52	489.03
	39	1518.95	-161.92	4248.81	1.955e+04	-97.18	-772.23
	40	865.26	145.62	-9682.23	-1.800e+04	89.48	495.17
	37	-561.49	-188.38	3548.96	2.135e+04	-106.14	-778.37
	37	-561.49	-188.38	3548.96	2.135e+04	-106.14	-778.37
	40	865.26	145.62	-9682.23	-1.800e+04	89.48	495.17
1347	38	-1033.30	86.42	-1.051e+04	-1.500e+04	74.53	161.75

	39	1348.32	-109.57	3983.43	1.753e+04	-87.11	-311.53
	40	910.77	100.32	-9057.49	-1.654e+04	82.22	237.69
	37	-595.75	-123.47	2533.10	1.908e+04	-94.80	-387.47
	37	-595.75	-123.47	2533.10	1.908e+04	-94.80	-387.47
	40	910.77	100.32	-9057.49	-1.654e+04	82.22	237.69
1352	38	-767.29	80.37	-1.132e+04	-1.469e+04	73.00	37.89
	39	1070.55	-95.98	4605.58	1.680e+04	-83.47	-127.41
	40	827.72	85.37	-8182.71	-1.588e+04	78.90	129.87
	37	-524.46	-100.98	1467.22	1.798e+04	-89.37	-219.39
	37	-524.46	-100.98	1467.22	1.798e+04	-89.37	-219.39
	40	827.72	85.37	-8182.71	-1.588e+04	78.90	129.87
1357	18	-856.70	11.93	-7677.08	-1122.73	5.58	-68.41
	19	896.35	-15.31	4445.06	2077.21	-10.33	41.31
	40	207.74	38.63	-3326.76	-7802.17	38.78	62.91
	37	-168.09	-42.01	94.74	8756.66	-43.53	-90.01
	37	-168.09	-42.01	94.74	8756.66	-43.53	-90.01
	40	207.74	38.63	-3326.76	-7802.17	38.78	62.91
1372	40	348.21	32.08	-8537.79	-8334.26	41.42	-206.58
	37	-395.84	-49.36	4920.20	1.003e+04	-49.83	293.79
	38	-165.66	62.14	-5690.17	-9408.94	46.76	-143.87
	39	118.04	-79.41	2072.58	1.110e+04	-55.17	231.08
	39	118.04	-79.41	2072.58	1.110e+04	-55.17	231.08
	38	-165.66	62.14	-5690.17	-9408.94	46.76	-143.87
1377	40	977.15	162.47	-1.601e+04	-1.899e+04	94.40	-775.86
	37	-1285.02	-251.35	8917.62	2.351e+04	-116.87	1106.20
	38	-557.34	216.81	-1.345e+04	-2.064e+04	102.58	-538.70
	39	249.46	-305.69	6359.27	2.516e+04	-125.04	869.04
	39	249.46	-305.69	6359.27	2.516e+04	-125.04	869.04
	38	-557.34	216.81	-1.345e+04	-2.064e+04	102.58	-538.70
1382	40	2412.28	3095.87	-4.813e+04	-2.307e+04	8.942e+04	-1.529e+04
	37	-2463.50	-4322.63	2.993e+04	2.949e+04	-9.947e+04	1.422e+04
	38	-1863.98	3124.05	-4.662e+04	-2.552e+04	-1.200e+05	5043.03
	39	1812.76	-4350.80	2.842e+04	3.194e+04	1.099e+05	-6115.98
	18	-7062.79	550.59	-1.807e+04	-9118.12	-3.571e+05	3.198e+04
	19	7011.57	-1777.34	-132.88	1.554e+04	3.470e+05	-3.305e+04
1387	40	1382.64	399.65	-1.496e+04	-2.180e+04	-3094.29	243.62
	37	-1150.67	-448.47	7074.25	2.581e+04	3663.40	-683.44
	38	-1081.05	46.70	-1.439e+04	-2.205e+04	-3128.88	549.23
	39	1313.03	-95.51	6501.67	2.606e+04	3697.99	-989.05
	38	-1081.05	46.70	-1.439e+04	-2.205e+04	-3128.88	549.23
	39	1313.03	-95.51	6501.67	2.606e+04	3697.99	-989.05
1392	40	1796.67	376.70	-1.330e+04	-2.110e+04	-2994.12	-140.76
	37	-1551.15	-361.09	4483.88	2.332e+04	3309.30	-18.73
	40	1796.67	376.70	-1.330e+04	-2.110e+04	-2994.12	-140.76
	37	-1551.15	-361.09	4483.88	2.332e+04	3309.30	-18.73
	40	1796.67	376.70	-1.330e+04	-2.110e+04	-2994.12	-140.76
	37	-1551.15	-361.09	4483.88	2.332e+04	3309.30	-18.73
1397	40	2077.12	417.82	-1.244e+04	-2.212e+04	-3139.40	-235.10
	37	-1841.57	-393.72	3038.29	2.398e+04	3403.16	236.85
	40	2077.12	417.82	-1.244e+04	-2.212e+04	-3139.40	-235.10
	37	-1841.57	-393.72	3038.29	2.398e+04	3403.16	236.85
	40	2077.12	417.82	-1.244e+04	-2.212e+04	-3139.40	-235.10
	37	-1841.57	-393.72	3038.29	2.398e+04	3403.16	236.85
1402	40	2299.75	458.13	-1.201e+04	-2.323e+04	-3296.35	-244.99
	37	-2077.58	-438.09	2160.93	2.535e+04	3597.99	337.32
	42	-302.06	89.73	-1.128e+04	-2.375e+04	-3370.31	-353.02
	43	524.23	-69.68	1437.32	2.587e+04	3671.95	445.35
	42	-302.06	89.73	-1.128e+04	-2.375e+04	-3370.31	-353.02
	43	524.23	-69.68	1437.32	2.587e+04	3671.95	445.35
1407	40	2502.37	505.50	-1.198e+04	-2.490e+04	-3534.21	-590.25
	37	-2276.03	-493.70	1695.06	2.768e+04	3927.95	749.04
	42	-98.65	143.22	-1.099e+04	-2.598e+04	-3687.37	-708.04
	43	324.98	-131.42	709.03	2.876e+04	4081.11	866.82
	42	-98.65	143.22	-1.099e+04	-2.598e+04	-3687.37	-708.04
	43	324.98	-131.42	709.03	2.876e+04	4081.11	866.82
1412	40	2700.68	674.31	-1.261e+04	-3.113e+04	-4417.39	-2106.75
	37	-2431.84	-674.00	1661.82	3.485e+04	4946.33	2298.10
	42	110.27	324.58	-1.116e+04	-3.293e+04	-4673.61	-2289.36
	43	158.58	-324.27	209.95	3.666e+04	5202.56	2480.71
	42	110.27	324.58	-1.116e+04	-3.293e+04	-4673.61	-2289.36
	43	158.58	-324.27	209.95	3.666e+04	5202.56	2480.71
1417	40	2873.06	1880.47	-1.520e+04	-5.822e+04	-8262.66	-5866.24
	37	-2462.03	-1839.83	2424.09	6.204e+04	8804.47	5656.48
	42	285.79	1590.20	-1.268e+04	-6.169e+04	-8754.80	-6211.14
	43	125.23	-1549.56	-93.65	6.551e+04	9296.61	6001.38
	42	285.79	1590.20	-1.268e+04	-6.169e+04	-8754.80	-6211.14
	43	125.23	-1549.56	-93.65	6.551e+04	9296.61	6001.38

1422	30	-1902.16	3150.75	-2.025e+04	-1.001e+06	2.027e+04	-2.674e+04
	31	2063.07	-2503.26	-8231.14	8.655e+05	-1.753e+04	2.177e+04
	30	-1902.16	3150.75	-2.025e+04	-1.001e+06	2.027e+04	-2.674e+04
	31	2063.07	-2503.26	-8231.14	8.655e+05	-1.753e+04	2.177e+04
	31	2063.07	-2503.26	-8231.14	8.655e+05	-1.753e+04	2.177e+04
	30	-1902.16	3150.75	-2.025e+04	-1.001e+06	2.027e+04	-2.674e+04
1427	30	-2058.71	3056.97	-2.051e+04	-9.662e+05	1.957e+04	-2.688e+04
	31	2196.53	-2450.64	-8028.07	8.385e+05	-1.699e+04	2.002e+04
	30	-2058.71	3056.97	-2.051e+04	-9.662e+05	1.957e+04	-2.688e+04
	31	2196.53	-2450.64	-8028.07	8.385e+05	-1.699e+04	2.002e+04
	31	2196.53	-2450.64	-8028.07	8.385e+05	-1.699e+04	2.002e+04
	30	-2058.71	3056.97	-2.051e+04	-9.662e+05	1.957e+04	-2.688e+04
1432	36	4147.17	2809.10	-2.100e+04	-9.213e+05	1.866e+04	-2.486e+04
	33	-4035.76	-2259.75	-7614.62	8.031e+05	-1.627e+04	1.632e+04
	30	-2217.37	2976.50	-2.094e+04	-9.317e+05	1.887e+04	-2.575e+04
	31	2328.78	-2427.14	-7673.10	8.136e+05	-1.648e+04	1.721e+04
	31	2328.78	-2427.14	-7673.10	8.136e+05	-1.648e+04	1.721e+04
	30	-2217.37	2976.50	-2.094e+04	-9.317e+05	1.887e+04	-2.575e+04
1437	36	3920.50	2776.35	-2.181e+04	-8.897e+05	1.803e+04	-2.135e+04
	33	-3839.06	-2297.91	-6901.04	7.832e+05	-1.587e+04	1.154e+04
	30	-2376.39	2931.26	-2.157e+04	-8.988e+05	1.822e+04	-2.283e+04
	31	2457.83	-2452.83	-7139.44	7.922e+05	-1.606e+04	1.301e+04
	31	2457.83	-2452.83	-7139.44	7.922e+05	-1.606e+04	1.301e+04
	30	-2376.39	2931.26	-2.157e+04	-8.988e+05	1.822e+04	-2.283e+04
1442	36	3677.09	2823.82	-2.291e+04	-8.632e+05	1.750e+04	-1.574e+04
	33	-3629.61	-2426.65	-5919.99	7.696e+05	-1.560e+04	5223.06
	30	-2532.26	2957.30	-2.245e+04	-8.701e+05	1.764e+04	-1.775e+04
	31	2579.74	-2560.12	-6379.29	7.765e+05	-1.574e+04	7231.37
	31	2579.74	-2560.12	-6379.29	7.765e+05	-1.574e+04	7231.37
	30	-2532.26	2957.30	-2.245e+04	-8.701e+05	1.764e+04	-1.775e+04
1447	36	3417.57	3011.86	-2.440e+04	-8.449e+05	1.712e+04	-8255.84
	33	-3408.39	-2699.98	-4573.63	7.649e+05	-1.549e+04	-2201.30
	30	-2677.48	3113.07	-2.367e+04	-8.487e+05	1.719e+04	-1.052e+04
	31	2686.66	-2801.19	-5302.92	7.687e+05	-1.557e+04	65.94
	31	2686.66	-2801.19	-5302.92	7.687e+05	-1.557e+04	65.94
	30	-2677.48	3113.07	-2.367e+04	-8.487e+05	1.719e+04	-1.052e+04
1452	36	3145.70	3438.51	-2.649e+04	-8.380e+05	1.697e+04	-282.83
	33	-3177.26	-3206.30	-2658.94	7.711e+05	-1.562e+04	-9159.28
	30	-2795.24	3496.56	-2.544e+04	-8.383e+05	1.698e+04	-2112.27
	31	2763.68	-3264.36	-3718.35	7.715e+05	-1.563e+04	-7329.84
	31	2763.68	-3264.36	-3718.35	7.715e+05	-1.563e+04	-7329.84
	30	-2795.24	3496.56	-2.544e+04	-8.383e+05	1.698e+04	-2112.27
1457	36	3059.79	4708.94	-3.245e+04	-9.132e+05	1.849e+04	3708.01
	33	-3145.55	-4529.47	691.46	8.538e+05	-1.729e+04	-1.159e+04
	36	3059.79	4708.94	-3.245e+04	-9.132e+05	1.849e+04	3708.01
	33	-3145.55	-4529.47	691.46	8.538e+05	-1.729e+04	-1.159e+04
	33	-3145.55	-4529.47	691.46	8.538e+05	-1.729e+04	-1.159e+04
	36	3059.79	4708.94	-3.245e+04	-9.132e+05	1.849e+04	3708.01
1462	30	-1628.40	7025.10	-2.600e+04	-1034.36	-1.969e+05	1.465e+04
	31	1622.50	-9949.33	6000.80	1041.47	1.983e+05	-1.507e+04
	18	-4899.42	1031.01	-1.625e+04	-2834.22	-5.396e+05	5.383e+04
	19	4893.53	-3955.24	-3749.34	2841.34	5.409e+05	-5.426e+04
	18	-4899.42	1031.01	-1.625e+04	-2834.22	-5.396e+05	5.383e+04
	19	4893.53	-3955.24	-3749.34	2841.34	5.409e+05	-5.426e+04
1467	10	-11.76	-2079.69	-1.395e+04	2.49	473.57	-458.50
	32	662.80	7618.55	-7797.01	454.65	8.655e+04	-1.464e+04
	18	-3056.39	1203.57	-1.085e+04	-2395.12	-4.560e+05	3.092e+04
	19	3037.22	-4216.38	-9236.13	2397.38	4.564e+05	-3.147e+04
	18	-3056.39	1203.57	-1.085e+04	-2395.12	-4.560e+05	3.092e+04
	19	3037.22	-4216.38	-9236.13	2397.38	4.564e+05	-3.147e+04
1472	29	-420.42	-9772.97	-2.966e+04	-338.53	-6.445e+04	8721.94
	32	384.42	7110.13	9209.17	334.79	6.374e+04	-9335.58
	18	-3104.56	1198.63	-5624.01	-2224.50	-4.235e+05	3314.84
	19	3068.57	-3861.47	-1.482e+04	2220.76	4.228e+05	-3928.48
	18	-3104.56	1198.63	-5624.01	-2224.50	-4.235e+05	3314.84
	19	3068.57	-3861.47	-1.482e+04	2220.76	4.228e+05	-3928.48
1477	38	-1313.89	7713.80	-2.884e+04	-838.67	-1.663e+05	1.091e+04
	39	1278.04	-1.062e+04	8741.77	823.36	1.633e+05	-1.182e+04
	18	-4276.57	1335.17	-1.631e+04	-2365.11	-4.691e+05	4.861e+04
	19	4240.72	-4241.27	-3784.22	2349.81	4.661e+05	-4.952e+04
	18	-4276.57	1335.17	-1.631e+04	-2365.11	-4.691e+05	4.861e+04
	19	4240.72	-4241.27	-3784.22	2349.81	4.661e+05	-4.952e+04
1482	10	-44.37	-2063.79	-1.393e+04	-17.95	-3553.76	-1072.96
	32	642.37	8106.59	-8735.27	431.00	8.531e+04	-1.268e+04
	18	-2620.00	1520.87	-1.038e+04	-1980.83	-3.921e+05	2.964e+04
	19	2556.02	-4514.83	-9683.33	1954.62	3.869e+05	-3.106e+04
	18	-2620.00	1520.87	-1.038e+04	-1980.83	-3.921e+05	2.964e+04

	19	2556.02	-4514.83	-9683.33	1954.62	3.869e+05	-3.106e+04
1487	37	-365.78	-1.053e+04	-3.109e+04	-291.77	-5.784e+04	9454.78
	40	243.01	7886.62	1.080e+04	249.82	4.952e+04	-1.130e+04
	18	-2549.91	1481.77	-4575.62	-1804.81	-3.579e+05	6286.98
	19	2427.15	-4130.10	-1.572e+04	1762.86	3.496e+05	-8130.00
	18	-2549.91	1481.77	-4575.62	-1804.81	-3.579e+05	6286.98
	19	2427.15	-4130.10	-1.572e+04	1762.86	3.496e+05	-8130.00
1492	40	1622.41	6681.01	-3.869e+04	938.14	1.830e+05	-3.735e+04
	37	-1659.60	-9547.92	1.406e+04	-1044.40	-2.038e+05	3.389e+04
	18	-5346.54	1558.21	-1.988e+04	-3660.74	-7.143e+05	7.025e+04
	19	5309.35	-4425.12	-4754.70	3554.48	6.935e+05	-7.372e+04
	18	-5346.54	1558.21	-1.988e+04	-3660.74	-7.143e+05	7.025e+04
	19	5309.35	-4425.12	-4754.70	3554.48	6.935e+05	-7.372e+04
1497	10	-70.13	-1970.65	-1.632e+04	-97.70	-1.902e+04	-3598.34
	16	3307.80	390.90	-8991.69	3000.52	5.845e+05	-6.821e+04
	18	-3557.08	1932.01	-1.449e+04	-3225.71	-6.284e+05	5.514e+04
	19	3463.33	-4780.54	-9209.59	3089.17	6.018e+05	-5.997e+04
	18	-3557.08	1932.01	-1.449e+04	-3225.71	-6.284e+05	5.514e+04
	19	3463.33	-4780.54	-9209.59	3089.17	6.018e+05	-5.997e+04
1502	37	29.96	-9156.64	-4.050e+04	-603.17	-1.174e+05	3.190e+04
	40	-206.22	6823.44	1.709e+04	431.27	8.394e+04	-3.641e+04
	18	-2930.45	2131.73	-9714.69	-2937.38	-5.721e+05	3.091e+04
	19	2754.19	-4464.93	-1.370e+04	2765.47	5.386e+05	-3.541e+04
	18	-2930.45	2131.73	-9714.69	-2937.38	-5.721e+05	3.091e+04
	19	2754.19	-4464.93	-1.370e+04	2765.47	5.386e+05	-3.541e+04
1507	30	-309.04	1.148e+04	-1.805e+04	-13.29	-2.449e+04	734.14
	31	338.99	-1.068e+04	2376.29	14.39	2.651e+04	-1157.70
	21	-1704.45	-2773.15	-5177.36	-73.97	-1.363e+05	9541.96
	24	1734.40	3564.66	-1.049e+04	75.06	1.383e+05	-9965.52
	21	-1704.45	-2773.15	-5177.36	-73.97	-1.363e+05	9541.96
	24	1734.40	3564.66	-1.049e+04	75.06	1.383e+05	-9965.52
1512	30	-180.60	1.354e+04	-1.456e+04	-12.49	-2.263e+04	303.85
	31	190.40	-1.259e+04	-1022.63	13.06	2.367e+04	-637.09
	21	-892.02	-3278.51	-6117.78	-62.85	-1.140e+05	6181.56
	24	901.82	4232.73	-9468.10	63.42	1.150e+05	-6514.81
	21	-892.02	-3278.51	-6117.78	-62.85	-1.140e+05	6181.56
	24	901.82	4232.73	-9468.10	63.42	1.150e+05	-6514.81
1517	30	-137.13	1.486e+04	-1.210e+04	-12.49	-2.262e+04	-174.29
	31	138.79	-1.381e+04	-3540.82	12.68	2.295e+04	-54.67
	21	-607.44	-3602.84	-6863.08	-57.35	-1.038e+05	2490.43
	24	609.10	4650.34	-8780.95	57.53	1.041e+05	-2719.38
	21	-607.44	-3602.84	-6863.08	-57.35	-1.038e+05	2490.43
	24	609.10	4650.34	-8780.95	57.53	1.041e+05	-2719.38
1522	10	-1.37	767.35	-1.070e+04	-0.05	-99.91	-93.48
	31	122.87	-1.461e+04	-5570.08	12.74	2.348e+04	345.33
	26	-530.72	5016.97	-8829.83	-55.16	-1.017e+05	-21.07
	27	528.78	-3914.54	-6967.06	55.08	1.015e+05	-130.73
	26	-530.72	5016.97	-8829.83	-55.16	-1.017e+05	-21.07
	27	528.78	-3914.54	-6967.06	55.08	1.015e+05	-130.73
1527	10	-2.28	791.66	-1.087e+04	-0.16	-287.47	-56.27
	35	155.92	-1.505e+04	-7330.95	16.85	3.049e+04	410.99
	26	-520.44	5183.96	-8456.54	-57.50	-1.041e+05	-1511.26
	27	516.89	-4050.40	-7563.85	57.24	1.036e+05	1413.99
	26	-520.44	5183.96	-8456.54	-57.50	-1.041e+05	-1511.26
	27	516.89	-4050.40	-7563.85	57.24	1.036e+05	1413.99
1532	10	-2.57	805.92	-1.108e+04	-0.22	-394.46	-30.23
	36	165.04	1.631e+04	-7155.91	18.18	3.294e+04	911.30
	21	-550.14	-3987.65	-8689.04	-60.59	-1.098e+05	-2922.78
	24	545.89	5137.51	-7614.33	60.23	1.091e+05	2863.33
	21	-550.14	-3987.65	-8689.04	-60.59	-1.098e+05	-2922.78
	24	545.89	5137.51	-7614.33	60.23	1.091e+05	2863.33
1537	10	-2.60	813.70	-1.134e+04	-0.24	-445.52	-13.38
	36	193.57	1.627e+04	-5780.17	19.48	3.590e+04	1412.01
	21	-623.90	-3965.50	-9321.14	-64.62	-1.191e+05	-4504.53
	24	619.31	5122.41	-7322.97	64.20	1.183e+05	4468.73
	21	-623.90	-3965.50	-9321.14	-64.62	-1.191e+05	-4504.53
	24	619.31	5122.41	-7322.97	64.20	1.183e+05	4468.73
1542	33	-245.57	-1.478e+04	-1.281e+04	-22.28	-4.105e+04	-2060.21
	36	240.55	1.594e+04	-4236.05	21.82	4.021e+04	2034.09
	25	-765.20	-3653.14	-9998.11	-72.20	-1.331e+05	-6777.48
	28	760.18	4810.29	-7052.03	71.75	1.322e+05	6751.35
	25	-765.20	-3653.14	-9998.11	-72.20	-1.331e+05	-6777.48
	28	760.18	4810.29	-7052.03	71.75	1.322e+05	6751.35
1547	33	-328.47	-1.412e+04	-1.522e+04	-26.13	-4.724e+04	-2902.57
	36	322.28	1.527e+04	-2315.27	25.63	4.633e+04	2871.31
	25	-1033.14	-3467.42	-1.087e+04	-85.11	-1.538e+05	-1.003e+04
	28	1026.94	4616.27	-6672.52	84.61	1.529e+05	1.000e+04

	25	-1033.14	-3467.42	-1.087e+04	-85.11	-1.538e+05	-1.003e+04
	28	1026.94	4616.27	-6672.52	84.61	1.529e+05	1.000e+04
1552	33	-486.64	-1.298e+04	-1.845e+04	-30.85	-5.596e+04	-3961.69
	36	477.39	1.410e+04	308.41	30.30	5.496e+04	3913.13
	26	-1569.04	4625.57	-6631.77	-101.93	-1.849e+05	-1.487e+04
	27	1559.80	-3502.45	-1.151e+04	101.38	1.839e+05	1.482e+04
	26	-1569.04	4625.57	-6631.77	-101.93	-1.849e+05	-1.487e+04
	27	1559.80	-3502.45	-1.151e+04	101.38	1.839e+05	1.482e+04
1557	33	-829.52	-1.105e+04	-2.323e+04	-36.88	-6.797e+04	-4527.75
	36	813.22	1.210e+04	4340.36	36.24	6.680e+04	4472.69
	26	-2822.21	4011.73	-5719.24	-125.04	-2.304e+05	-1.787e+04
	27	2805.91	-2956.00	-1.317e+04	124.41	2.293e+05	1.782e+04
	26	-2822.21	4011.73	-5719.24	-125.04	-2.304e+05	-1.787e+04
	27	2805.91	-2956.00	-1.317e+04	124.41	2.293e+05	1.782e+04
1567	39	5062.34	-3079.99	-2.548e+04	7.486e+05	-3723.78	1.779e+04
	38	-5694.59	2993.08	-667.54	-7.329e+05	3645.69	-2.284e+04
	44	1355.98	3033.78	-893.61	-7.341e+05	3651.44	-2.402e+04
	41	-1988.23	-3120.68	-2.525e+04	7.498e+05	-3729.54	1.897e+04
	41	-1988.23	-3120.68	-2.525e+04	7.498e+05	-3729.54	1.897e+04
	44	1355.98	3033.78	-893.61	-7.341e+05	3651.44	-2.402e+04
1569	27	3064.91	-355.38	-2.490e+04	1.130e+05	-561.49	995.27
	26	-3080.32	322.95	1.058e+04	-9.898e+04	491.66	58.11
	38	-761.50	996.22	513.60	-3.318e+05	1648.03	-860.79
	39	746.09	-1028.65	-1.484e+04	3.458e+05	-1717.86	1914.17
	39	746.09	-1028.65	-1.484e+04	3.458e+05	-1717.86	1914.17
	38	-761.50	996.22	513.60	-3.318e+05	1648.03	-860.79
1574	27	9039.45	-771.95	-3.297e+04	2.256e+05	-1120.59	2415.06
	26	-9737.21	649.59	3629.64	-1.981e+05	984.01	468.87
	38	-2543.43	2018.08	-3698.12	-6.634e+05	3295.20	-1259.94
	39	1845.67	-2140.44	-2.564e+04	6.909e+05	-3431.78	4143.86
	39	1845.67	-2140.44	-2.564e+04	6.909e+05	-3431.78	4143.86
	38	-2543.43	2018.08	-3698.12	-6.634e+05	3295.20	-1259.94
1579	27	1.127e+04	-832.09	-2.315e+04	2.288e+05	-1136.24	2752.88
	26	-1.184e+04	645.99	-5908.09	-1.976e+05	981.30	386.77
	38	-3067.67	2045.97	-6405.46	-6.651e+05	3303.76	-1605.95
	39	2496.94	-2232.07	-2.266e+04	6.963e+05	-3458.71	4745.60
	39	2496.94	-2232.07	-2.266e+04	6.963e+05	-3458.71	4745.60
	38	-3067.67	2045.97	-6405.46	-6.651e+05	3303.76	-1605.95
1584	43	3167.30	-2272.20	-2.099e+04	7.014e+05	-3483.83	4556.26
	42	-3530.48	2042.61	-7660.80	-6.658e+05	3307.19	-1541.30
	38	-3331.00	2047.45	-7713.53	-6.675e+05	3315.45	-1518.55
	39	2967.81	-2277.04	-2.093e+04	7.030e+05	-3492.09	4533.50
	39	2967.81	-2277.04	-2.093e+04	7.030e+05	-3492.09	4533.50
	38	-3331.00	2047.45	-7713.53	-6.675e+05	3315.45	-1518.55
1589	43	3587.33	-2294.50	-1.988e+04	7.079e+05	-3516.47	4362.18
	42	-3640.22	2030.96	-8524.11	-6.681e+05	3318.76	-1512.58
	38	-3433.83	2035.74	-8547.29	-6.698e+05	3326.86	-1490.88
	39	3380.93	-2299.28	-1.986e+04	7.096e+05	-3524.58	4340.48
	39	3380.93	-2299.28	-1.986e+04	7.096e+05	-3524.58	4340.48
	38	-3433.83	2035.74	-8547.29	-6.698e+05	3326.86	-1490.88
1592	39	5326.89	-3748.77	-2.758e+04	7.807e+05	-3874.17	2.771e+04
	38	-5710.05	3718.90	1771.42	-7.730e+05	3836.19	-3.283e+04
	44	1242.29	3795.66	1742.65	-7.760e+05	3851.24	-3.316e+04
	41	-1625.45	-3825.53	-2.755e+04	7.837e+05	-3889.22	2.804e+04
	41	-1625.45	-3825.53	-2.755e+04	7.837e+05	-3889.22	2.804e+04
	44	1242.29	3795.66	1742.65	-7.760e+05	3851.24	-3.316e+04
1594	37	-3824.19	-2230.65	-1.976e+04	7.054e+05	-3503.60	4018.04
	40	4114.30	1936.74	-8708.06	-6.615e+05	3285.77	-1297.22
	38	-3413.52	2019.38	-9287.44	-6.721e+05	3338.47	-1619.89
	39	3703.63	-2313.30	-1.918e+04	7.160e+05	-3556.30	4340.70
	39	3703.63	-2313.30	-1.918e+04	7.160e+05	-3556.30	4340.70
	38	-3413.52	2019.38	-9287.44	-6.721e+05	3338.47	-1619.89
1599	41	-3603.09	-2250.96	-2.037e+04	7.129e+05	-3549.16	4155.76
	44	4202.74	1926.24	-8461.68	-6.652e+05	3311.49	-1531.51
	38	-3264.94	2006.43	-1.021e+04	-6.747e+05	3359.19	-1926.60
	39	3864.59	-2331.16	-1.862e+04	7.225e+05	-3596.86	4550.86
	39	3864.59	-2331.16	-1.862e+04	7.225e+05	-3596.86	4550.86
	38	-3264.94	2006.43	-1.021e+04	-6.747e+05	3359.19	-1926.60
1604	25	-1.130e+04	-693.40	-2.300e+04	2.206e+05	-1098.06	1519.11
	28	1.210e+04	333.56	-6355.33	-1.692e+05	842.27	991.53
	38	-2948.56	2007.28	-1.170e+04	-6.778e+05	3374.61	-2316.26
	39	3745.53	-2367.12	-1.765e+04	7.292e+05	-3630.40	4826.90
	39	3745.53	-2367.12	-1.765e+04	7.292e+05	-3630.40	4826.90
	38	-2948.56	2007.28	-1.170e+04	-6.778e+05	3374.61	-2316.26
1609	21	-9170.21	-649.46	-3.246e+04	2.064e+05	-1025.18	217.30
	24	1.006e+04	243.01	2812.79	-1.521e+05	755.54	1970.22
	38	-2326.88	2033.66	-1.469e+04	-6.811e+05	3383.11	-2707.46

	39	3216.98	-2440.11	-1.496e+04	7.354e+05	-3652.75	4894.98
	39	3216.98	-2440.11	-1.496e+04	7.354e+05	-3652.75	4894.98
	38	-2326.88	2033.66	-1.469e+04	-6.811e+05	3383.11	-2707.46
1614	21	-3116.42	-333.99	-2.459e+04	1.032e+05	-512.37	-51.50
	24	3190.27	110.39	1.022e+04	-7.623e+04	378.64	857.64
	38	-839.03	1042.53	-9674.36	-3.402e+05	1689.60	-464.11
	39	912.88	-1266.13	-4696.60	3.671e+05	-1823.32	1270.25
	39	912.88	-1266.13	-4696.60	3.671e+05	-1823.32	1270.25
	38	-839.03	1042.53	-9674.36	-3.402e+05	1689.60	-464.11
1736	10	77.69	600.84	-1.713e+04	-1.341e+05	2716.08	3357.50
	41	-3342.73	-2671.86	-8244.33	1.087e+06	-2.201e+04	458.86
	44	3449.79	3548.87	-1.709e+04	-1.284e+06	2.599e+04	4470.46
	41	-3342.73	-2671.86	-8244.33	1.087e+06	-2.201e+04	458.86
	41	-3342.73	-2671.86	-8244.33	1.087e+06	-2.201e+04	458.86
	44	3449.79	3548.87	-1.709e+04	-1.284e+06	2.599e+04	4470.46
2213	30	-559.34	7766.74	-3.287e+04	-1.453e+06	2.944e+04	-4.489e+04
	31	889.71	-7280.86	3395.01	1.344e+06	-2.723e+04	4.334e+04
	30	-559.34	7766.74	-3.287e+04	-1.453e+06	2.944e+04	-4.489e+04
	31	889.71	-7280.86	3395.01	1.344e+06	-2.723e+04	4.334e+04
	31	889.71	-7280.86	3395.01	1.344e+06	-2.723e+04	4.334e+04
	30	-559.34	7766.74	-3.287e+04	-1.453e+06	2.944e+04	-4.489e+04
2227	27	2786.13	-551.96	-2.424e+04	1.262e+05	-627.72	-1618.01
	26	-3061.88	322.95	1.035e+04	-1.027e+05	510.99	309.68
	38	-1251.48	1144.08	2315.58	-3.489e+05	1735.26	831.89
	39	975.73	-1373.10	-1.621e+04	3.723e+05	-1852.00	-2140.22
	39	975.73	-1373.10	-1.621e+04	3.723e+05	-1852.00	-2140.22
	38	-1251.48	1144.08	2315.58	-3.489e+05	1735.26	831.89
2294	27	8182.93	-1014.96	-3.303e+04	2.532e+05	-1259.30	-4802.69
	26	-9648.45	636.08	3719.31	-2.057e+05	1023.12	1257.06
	38	-4066.40	2211.32	-1778.39	-6.984e+05	3474.15	3475.46
	39	2600.88	-2590.20	-2.753e+04	7.459e+05	-3710.34	-7021.09
	39	2600.88	-2590.20	-2.753e+04	7.459e+05	-3710.34	-7021.09
	38	-4066.40	2211.32	-1778.39	-6.984e+05	3474.15	3475.46
2364	30	-598.59	6124.67	-2.870e+04	-1.381e+06	2.797e+04	-5.085e+04
	31	918.69	-5690.68	-480.70	1.272e+06	-2.577e+04	5.180e+04
	30	-598.59	6124.67	-2.870e+04	-1.381e+06	2.797e+04	-5.085e+04
	31	918.69	-5690.68	-480.70	1.272e+06	-2.577e+04	5.180e+04
	31	918.69	-5690.68	-480.70	1.272e+06	-2.577e+04	5.180e+04
	30	-598.59	6124.67	-2.870e+04	-1.381e+06	2.797e+04	-5.085e+04
2467	30	-671.52	5139.26	-2.620e+04	-1.320e+06	2.672e+04	-4.625e+04
	31	979.06	-4699.83	-2816.66	1.208e+06	-2.446e+04	4.937e+04
	30	-671.52	5139.26	-2.620e+04	-1.320e+06	2.672e+04	-4.625e+04
	31	979.06	-4699.83	-2816.66	1.208e+06	-2.446e+04	4.937e+04
	31	979.06	-4699.83	-2816.66	1.208e+06	-2.446e+04	4.937e+04
	30	-671.52	5139.26	-2.620e+04	-1.320e+06	2.672e+04	-4.625e+04
2539	40	5745.98	2.500e+04	-1.243e+05	-4.649e+06	2.345e+04	4.418e+05
	37	-9658.72	-2.705e+04	-3156.66	5.005e+06	-2.525e+04	-5.283e+05
	38	-2.089e+04	2.582e+04	-1.067e+05	-4.787e+06	2.415e+04	4.452e+05
	39	1.698e+04	-2.788e+04	-2.077e+04	5.143e+06	-2.595e+04	-5.318e+05
	39	1.698e+04	-2.788e+04	-2.077e+04	5.143e+06	-2.595e+04	-5.318e+05
	38	-2.089e+04	2.582e+04	-1.067e+05	-4.787e+06	2.415e+04	4.452e+05
2587	30	-778.44	4520.06	-2.445e+04	-1.269e+06	2.572e+04	-3.930e+04
	31	1071.79	-4044.63	-4454.00	1.152e+06	-2.334e+04	4.377e+04
	30	-778.44	4520.06	-2.445e+04	-1.269e+06	2.572e+04	-3.930e+04
	31	1071.79	-4044.63	-4454.00	1.152e+06	-2.334e+04	4.377e+04
	31	1071.79	-4044.63	-4454.00	1.152e+06	-2.334e+04	4.377e+04
	30	-778.44	4520.06	-2.445e+04	-1.269e+06	2.572e+04	-3.930e+04
2765	43	3587.71	-2466.53	-2.476e+04	7.358e+05	-3652.03	-5694.34
	42	-5093.64	2166.47	-4237.93	-6.931e+05	3440.24	1655.99
	38	-4923.94	2168.48	-4354.50	-6.938e+05	3443.66	1775.78
	39	3418.01	-2468.54	-2.465e+04	7.365e+05	-3655.44	-5814.13
	39	3418.01	-2468.54	-2.465e+04	7.365e+05	-3655.44	-5814.13
	38	-4923.94	2168.48	-4354.50	-6.938e+05	3443.66	1775.78
2838	30	-902.51	4124.93	-2.316e+04	-1.228e+06	2.489e+04	-3.297e+04
	31	1181.36	-3600.34	-5666.74	1.104e+06	-2.237e+04	3.796e+04
	30	-902.51	4124.93	-2.316e+04	-1.228e+06	2.489e+04	-3.297e+04
	31	1181.36	-3600.34	-5666.74	1.104e+06	-2.237e+04	3.796e+04
	31	1181.36	-3600.34	-5666.74	1.104e+06	-2.237e+04	3.796e+04
	30	-902.51	4124.93	-2.316e+04	-1.228e+06	2.489e+04	-3.297e+04
2858	43	4148.55	-2442.20	-2.365e+04	7.279e+05	-3612.66	-2501.40
	42	-5543.03	2200.46	-4490.64	-6.912e+05	3430.59	-1723.13
	38	-5357.92	2200.74	-4544.81	-6.917e+05	3433.15	-1619.90
	39	3963.44	-2442.48	-2.360e+04	7.284e+05	-3615.21	-2604.63
	39	3963.44	-2442.48	-2.360e+04	7.284e+05	-3615.21	-2604.63
	38	-5357.92	2200.74	-4544.81	-6.917e+05	3433.15	-1619.90
2860	18	-1.529e+04	2187.83	-6.565e+04	-7.072e+05	3567.96	-3869.49
	19	1.731e+04	-1765.51	1.113e+04	7.320e+05	-3693.19	-2.141e+04

	38	-3763.98	5751.13	-4.502e+04	-2.070e+06	1.044e+04	9559.84
	39	5784.70	-5328.81	-9500.25	2.095e+06	-1.057e+04	-3.484e+04
	39	5784.70	-5328.81	-9500.25	2.095e+06	-1.057e+04	-3.484e+04
	38	-3763.98	5751.13	-4.502e+04	-2.070e+06	1.044e+04	9559.84
2935	43	4591.63	-2512.58	-2.355e+04	7.254e+05	-3608.21	2414.13
	42	-5753.65	2321.67	-3745.77	-6.951e+05	3457.64	-6876.06
	38	-5561.91	2320.82	-3769.28	-6.955e+05	3459.48	-6799.49
	39	4399.90	-2511.73	-2.353e+04	7.258e+05	-3610.05	2337.57
	39	4399.90	-2511.73	-2.353e+04	7.258e+05	-3610.05	2337.57
	38	-5561.91	2320.82	-3769.28	-6.955e+05	3459.48	-6799.49
2938	34	-1949.33	3879.65	-2.219e+04	-1.191e+06	2.413e+04	-2.815e+04
	35	2213.75	-3303.89	-6582.32	1.060e+06	-2.147e+04	3.290e+04
	30	-1035.71	3869.27	-2.219e+04	-1.194e+06	2.419e+04	-2.829e+04
	31	1300.12	-3293.51	-6583.12	1.063e+06	-2.153e+04	3.304e+04
	31	1300.12	-3293.51	-6583.12	1.063e+06	-2.153e+04	3.304e+04
	30	-1035.71	3869.27	-2.219e+04	-1.194e+06	2.419e+04	-2.829e+04
3490	34	-2086.94	3708.90	-2.147e+04	-1.161e+06	2.352e+04	-2.531e+04
	35	2336.91	-3087.18	-7271.10	1.024e+06	-2.075e+04	2.921e+04
	30	-1174.59	3697.99	-2.147e+04	-1.164e+06	2.357e+04	-2.543e+04
	31	1424.56	-3076.26	-7273.09	1.027e+06	-2.080e+04	2.933e+04
	31	1424.56	-3076.26	-7273.09	1.027e+06	-2.080e+04	2.933e+04
	30	-1174.59	3697.99	-2.147e+04	-1.164e+06	2.357e+04	-2.543e+04
3535	34	-2228.12	3585.50	-2.095e+04	-1.133e+06	2.296e+04	-2.410e+04
	35	2463.29	-2927.75	-7777.61	9.919e+05	-2.010e+04	2.667e+04
	30	-1317.80	3574.26	-2.095e+04	-1.136e+06	2.301e+04	-2.420e+04
	31	1552.97	-2916.51	-7779.31	9.944e+05	-2.015e+04	2.677e+04
	31	1552.97	-2916.51	-7779.31	9.944e+05	-2.015e+04	2.677e+04
	30	-1317.80	3574.26	-2.095e+04	-1.136e+06	2.301e+04	-2.420e+04
3552	44	1971.94	2.440e+04	-4.014e+04	6298.71	1.265e+05	3974.61
	41	-1470.46	-2.491e+04	633.80	-2836.71	-5.698e+04	-1.480e+04
	26	-2334.35	6719.75	-2.567e+04	-2.797e+04	-5.617e+05	-3.609e+04
	27	2835.83	-7222.05	-1.383e+04	3.143e+04	6.313e+05	2.526e+04
	26	-2334.35	6719.75	-2.567e+04	-2.797e+04	-5.617e+05	-3.609e+04
	27	2835.83	-7222.05	-1.383e+04	3.143e+04	6.313e+05	2.526e+04
3630	30	-1464.88	3473.63	-2.061e+04	-1.107e+06	2.244e+04	-2.422e+04
	31	1684.44	-2792.85	-8127.13	9.637e+05	-1.953e+04	2.513e+04
	30	-1464.88	3473.63	-2.061e+04	-1.107e+06	2.244e+04	-2.422e+04
	31	1684.44	-2792.85	-8127.13	9.637e+05	-1.953e+04	2.513e+04
	31	1684.44	-2792.85	-8127.13	9.637e+05	-1.953e+04	2.513e+04
	30	-1464.88	3473.63	-2.061e+04	-1.107e+06	2.244e+04	-2.422e+04
3679	41	-2541.24	-2.681e+04	-4.914e+04	-5522.49	-1.109e+05	-1.755e+04
	44	2754.31	2.695e+04	1.204e+04	7412.28	1.489e+05	1.065e+04
	26	-5532.37	7735.68	-1.032e+04	-3.530e+04	-7.091e+05	-5.608e+04
	27	5745.44	-7603.99	-2.678e+04	3.719e+04	7.470e+05	4.918e+04
	26	-5532.37	7735.68	-1.032e+04	-3.530e+04	-7.091e+05	-5.608e+04
	27	5745.44	-7603.99	-2.678e+04	3.719e+04	7.470e+05	4.918e+04
3693	41	-808.80	-6921.65	-3.761e+04	8.962e+05	-4457.71	3.012e+04
	44	900.77	7018.35	1.217e+04	-9.038e+05	4495.40	-3.410e+04
	44	900.77	7018.35	1.217e+04	-9.038e+05	4495.40	-3.410e+04
	41	-808.80	-6921.65	-3.761e+04	8.962e+05	-4457.71	3.012e+04
	41	-808.80	-6921.65	-3.761e+04	8.962e+05	-4457.71	3.012e+04
	44	900.77	7018.35	1.217e+04	-9.038e+05	4495.40	-3.410e+04
3767	30	-1615.68	3380.35	-2.042e+04	-1.078e+06	2.183e+04	-2.505e+04
	31	1818.15	-2691.59	-8331.24	9.339e+05	-1.891e+04	2.405e+04
	30	-1615.68	3380.35	-2.042e+04	-1.078e+06	2.183e+04	-2.505e+04
	31	1818.15	-2691.59	-8331.24	9.339e+05	-1.891e+04	2.405e+04
	31	1818.15	-2691.59	-8331.24	9.339e+05	-1.891e+04	2.405e+04
	30	-1615.68	3380.35	-2.042e+04	-1.078e+06	2.183e+04	-2.505e+04
3833	38	-1.234e+04	1.295e+04	-8.407e+04	-4.210e+06	2.124e+04	1.053e+05
	39	1.519e+04	-1.325e+04	-2.899e+04	4.338e+06	-2.189e+04	-1.752e+05
	38	-1.234e+04	1.295e+04	-8.407e+04	-4.210e+06	2.124e+04	1.053e+05
	39	1.519e+04	-1.325e+04	-2.899e+04	4.338e+06	-2.189e+04	-1.752e+05
	39	1.519e+04	-1.325e+04	-2.899e+04	4.338e+06	-2.189e+04	-1.752e+05
	38	-1.234e+04	1.295e+04	-8.407e+04	-4.210e+06	2.124e+04	1.053e+05
3835	30	-1758.48	3266.31	-2.026e+04	-1.040e+06	2.106e+04	-2.601e+04
	31	1941.23	-2589.96	-8347.78	8.992e+05	-1.821e+04	2.302e+04
	30	-1758.48	3266.31	-2.026e+04	-1.040e+06	2.106e+04	-2.601e+04
	31	1941.23	-2589.96	-8347.78	8.992e+05	-1.821e+04	2.302e+04
	31	1941.23	-2589.96	-8347.78	8.992e+05	-1.821e+04	2.302e+04
	30	-1758.48	3266.31	-2.026e+04	-1.040e+06	2.106e+04	-2.601e+04
3840	30	-3431.30	7109.73	-2.932e+04	-1.308e+06	2.650e+04	1.859e+04
	31	3532.86	-6651.49	3370.70	1.206e+06	-2.444e+04	-2.227e+04
	30	-3431.30	7109.73	-2.932e+04	-1.308e+06	2.650e+04	1.859e+04
	31	3532.86	-6651.49	3370.70	1.206e+06	-2.444e+04	-2.227e+04
	31	3532.86	-6651.49	3370.70	1.206e+06	-2.444e+04	-2.227e+04
	30	-3431.30	7109.73	-2.932e+04	-1.308e+06	2.650e+04	1.859e+04
3845	30	-3508.39	5759.62	-2.567e+04	-1.275e+06	2.582e+04	2.409e+04

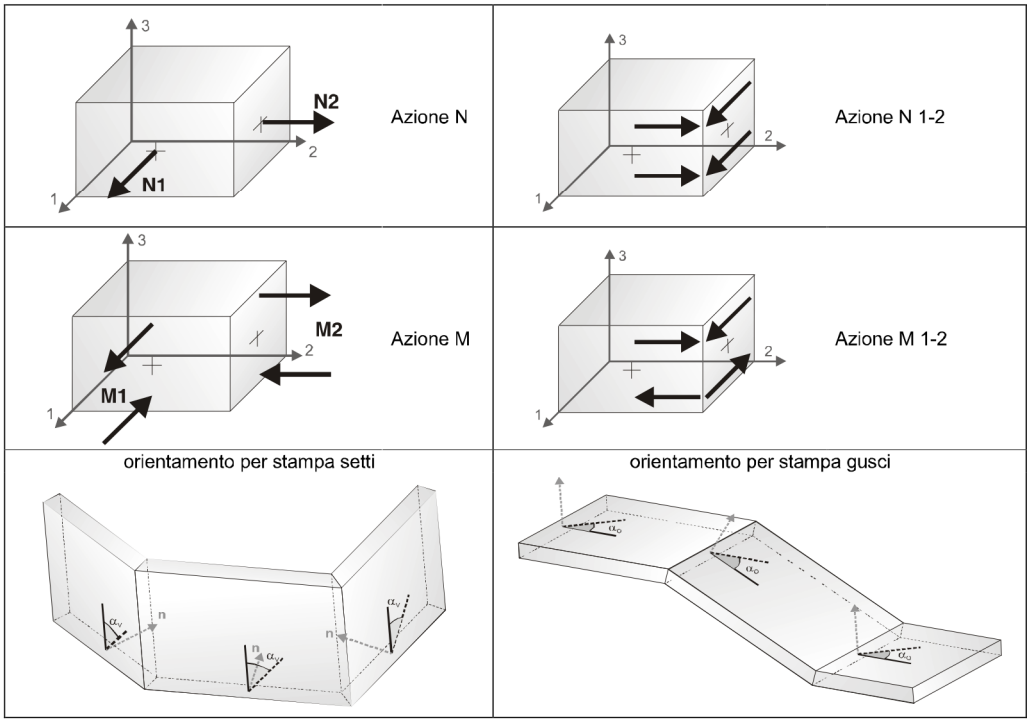
	31	3615.28	-5333.28	-36.84	1.168e+06	-2.367e+04	-2.967e+04
	30	-3508.39	5759.62	-2.567e+04	-1.275e+06	2.582e+04	2.409e+04
	31	3615.28	-5333.28	-36.84	1.168e+06	-2.367e+04	-2.967e+04
	31	3615.28	-5333.28	-36.84	1.168e+06	-2.367e+04	-2.967e+04
	30	-3508.39	5759.62	-2.567e+04	-1.275e+06	2.582e+04	2.409e+04
3850	30	-3528.14	4928.91	-2.339e+04	-1.248e+06	2.529e+04	2.094e+04
	31	3643.59	-4490.48	-2172.42	1.134e+06	-2.298e+04	-2.837e+04
	30	-3528.14	4928.91	-2.339e+04	-1.248e+06	2.529e+04	2.094e+04
	31	3643.59	-4490.48	-2172.42	1.134e+06	-2.298e+04	-2.837e+04
	31	3643.59	-4490.48	-2172.42	1.134e+06	-2.298e+04	-2.837e+04
	30	-3528.14	4928.91	-2.339e+04	-1.248e+06	2.529e+04	2.094e+04
3852	27	9696.72	-885.47	-2.197e+04	1.153e+05	-572.50	1731.19
	26	-8318.70	1006.42	-3118.03	-1.156e+05	573.70	2400.46
	30	-2436.83	4338.87	-8769.34	-4.851e+05	2408.59	2.528e+04
	31	3814.85	-4217.93	-1.631e+04	4.849e+05	-2407.39	-2.115e+04
	31	3814.85	-4217.93	-1.631e+04	4.849e+05	-2407.39	-2.115e+04
	30	-2436.83	4338.87	-8769.34	-4.851e+05	2408.59	2.528e+04
3857	10	1084.90	4.69	-1.770e+04	4267.27	-21.23	3653.65
	14	-8131.61	968.82	-1.133e+04	-1.441e+05	715.19	-254.65
	30	-2457.51	2919.16	-1.165e+04	-4.506e+05	2236.49	1.842e+04
	31	3972.42	-2913.78	-1.423e+04	4.567e+05	-2267.18	-1.325e+04
	31	3972.42	-2913.78	-1.423e+04	4.567e+05	-2267.18	-1.325e+04
	30	-2457.51	2919.16	-1.165e+04	-4.506e+05	2236.49	1.842e+04
3862	21	-6781.88	-575.17	-2.350e+04	1.243e+05	-618.37	-5685.62
	24	8238.79	453.51	-2662.00	-1.117e+05	555.57	1.063e+04
	30	-2011.62	2343.83	-1.560e+04	-4.334e+05	2156.31	1.075e+04
	31	3468.53	-2465.49	-1.057e+04	4.460e+05	-2219.11	-5803.28
	31	3468.53	-2465.49	-1.057e+04	4.460e+05	-2219.11	-5803.28
	30	-2011.62	2343.83	-1.560e+04	-4.334e+05	2156.31	1.075e+04
3867	33	-3868.26	-4308.66	-2.954e+04	6.311e+05	-3142.11	-1.438e+04
	36	4138.42	4724.70	6023.31	-6.573e+05	3272.73	1.767e+04
	30	-2018.14	4864.93	4301.40	-6.641e+05	3306.53	1.304e+04
	31	2288.30	-4448.89	-2.782e+04	6.379e+05	-3175.91	-9749.10
	31	2288.30	-4448.89	-2.782e+04	6.379e+05	-3175.91	-9749.10
	30	-2018.14	4864.93	4301.40	-6.641e+05	3306.53	1.304e+04
3870	43	4951.57	-2704.69	-2.418e+04	7.312e+05	-3637.01	9156.45
	42	-5846.45	2564.24	-2452.33	-7.079e+05	3521.12	-1.393e+04
	38	-5653.04	2562.76	-2458.18	-7.082e+05	3522.47	-1.389e+04
	39	4758.16	-2703.21	-2.417e+04	7.315e+05	-3638.35	9114.80
	39	4758.16	-2703.21	-2.417e+04	7.315e+05	-3638.35	9114.80
	38	-5653.04	2562.76	-2458.18	-7.082e+05	3522.47	-1.389e+04
3872	33	-3371.94	-3385.25	-2.849e+04	6.086e+05	-3022.23	-1.495e+04
	36	3764.39	3647.00	4485.48	-6.292e+05	3124.73	1.937e+04
	30	-1963.70	3802.79	152.10	-6.385e+05	3170.74	1.662e+04
	31	2356.15	-3541.04	-2.416e+04	6.178e+05	-3068.25	-1.220e+04
	31	2356.15	-3541.04	-2.416e+04	6.178e+05	-3068.25	-1.220e+04
	30	-1963.70	3802.79	152.10	-6.385e+05	3170.74	1.662e+04
3877	21	-7856.36	-570.98	-3.253e+04	1.589e+05	-788.72	-4891.11
	24	8351.54	702.93	8293.95	-1.749e+05	868.27	9056.13
	30	-1622.59	3169.07	-3656.99	-6.208e+05	3082.25	1.404e+04
	31	2117.77	-3037.12	-2.058e+04	6.047e+05	-3002.70	-9872.00
	31	2117.77	-3037.12	-2.058e+04	6.047e+05	-3002.70	-9872.00
	30	-1622.59	3169.07	-3656.99	-6.208e+05	3082.25	1.404e+04
3882	21	-2623.58	-254.94	-2.376e+04	8.037e+04	-400.15	-1858.78
	24	2534.32	275.67	1.188e+04	-8.926e+04	444.43	3357.36
	30	-607.84	1425.70	-3919.14	-3.126e+05	1556.19	5540.66
	31	518.58	-1404.97	-7958.57	3.037e+05	-1511.91	-4042.08
	31	518.58	-1404.97	-7958.57	3.037e+05	-1511.91	-4042.08
	30	-607.84	1425.70	-3919.14	-3.126e+05	1556.19	5540.66
3890	44	2142.46	2.752e+04	-4.264e+04	4748.30	9.538e+04	1684.57
	41	-2065.70	-2.531e+04	8900.68	-3638.74	-7.309e+04	7224.18
	26	-3940.36	8615.23	-2.431e+04	-2.731e+04	-5.487e+05	3.213e+04
	27	4017.13	-6412.08	-9432.43	2.842e+04	5.710e+05	-2.322e+04
	26	-3940.36	8615.23	-2.431e+04	-2.731e+04	-5.487e+05	3.213e+04
	27	4017.13	-6412.08	-9432.43	2.842e+04	5.710e+05	-2.322e+04
3893	41	-2046.30	-2.853e+04	-2.930e+04	-4055.84	-8.147e+04	-1.760e+04
	44	2344.85	2.834e+04	-8762.81	6664.01	1.339e+05	7208.50
	26	-3402.86	7955.24	-1.641e+04	-3.099e+04	-6.225e+05	-4.808e+04
	27	3701.41	-8148.60	-2.165e+04	3.360e+04	6.749e+05	3.768e+04
	26	-3402.86	7955.24	-1.641e+04	-3.099e+04	-6.225e+05	-4.808e+04
	27	3701.41	-8148.60	-2.165e+04	3.360e+04	6.749e+05	3.768e+04
3895	44	2173.66	3.097e+04	-2.930e+04	4950.10	9.943e+04	4380.79
	41	-1885.82	-2.823e+04	-4988.19	-2928.15	-5.881e+04	7438.15
	26	-2358.85	9739.75	-2.075e+04	-2.485e+04	-4.991e+05	2.257e+04
	27	2646.69	-7002.05	-1.353e+04	2.687e+04	5.398e+05	-1.075e+04
	26	-2358.85	9739.75	-2.075e+04	-2.485e+04	-4.991e+05	2.257e+04
	27	2646.69	-7002.05	-1.353e+04	2.687e+04	5.398e+05	-1.075e+04

3900	10	359.78	2048.63	-2.387e+04	2267.05	4.554e+04	8940.22
	44	2194.68	3.099e+04	-1.496e+04	5434.13	1.092e+05	5844.11
	26	-1775.40	9843.31	-1.707e+04	-2.360e+04	-4.740e+05	1.112e+04
	27	2277.41	-6835.54	-1.815e+04	2.671e+04	5.365e+05	1327.15
	26	-1775.40	9843.31	-1.707e+04	-2.360e+04	-4.740e+05	1.112e+04
	27	2277.41	-6835.54	-1.815e+04	2.671e+04	5.365e+05	1327.15
3905	41	-1336.38	-2.359e+04	-4.887e+04	-1859.38	-3.735e+04	5425.84
	44	2064.91	2.645e+04	1.357e+04	5912.62	1.188e+05	5791.08
	26	-1664.49	8530.77	-9112.06	-2.317e+04	-4.653e+05	4091.75
	27	2393.02	-5670.34	-2.619e+04	2.722e+04	5.468e+05	7125.17
	26	-1664.49	8530.77	-9112.06	-2.317e+04	-4.653e+05	4091.75
	27	2393.02	-5670.34	-2.619e+04	2.722e+04	5.468e+05	7125.17
3910	41	-433.06	-8088.11	-4.767e+04	-911.39	-1.831e+04	1988.18
	44	871.34	8892.50	3.163e+04	2970.38	5.967e+04	2164.78
	26	-890.05	2833.71	2968.62	-1.156e+04	-2.322e+05	1183.34
	27	1328.33	-2029.31	-1.901e+04	1.362e+04	2.736e+05	2969.62
	26	-890.05	2833.71	2968.62	-1.156e+04	-2.322e+05	1183.34
	27	1328.33	-2029.31	-1.901e+04	1.362e+04	2.736e+05	2969.62
3915	44	762.77	8368.21	-4.457e+04	3136.23	6.299e+04	1285.96
	41	-391.60	-8386.15	2.458e+04	-1383.26	-2.778e+04	-5406.94
	26	-877.00	2368.44	-1.973e+04	-1.389e+04	-2.791e+05	-1.292e+04
	27	1248.17	-2386.38	-255.40	1.565e+04	3.143e+05	8794.82
	26	-877.00	2368.44	-1.973e+04	-1.389e+04	-2.791e+05	-1.292e+04
	27	1248.17	-2386.38	-255.40	1.565e+04	3.143e+05	8794.82
4118	15	1.453e+04	639.80	-4.818e+04	3.523e+04	380.51	2.085e+04
	14	-1.466e+04	-714.54	2.959e+04	-2.810e+04	-303.53	-2.218e+04
	32	6478.90	2846.02	-3421.13	-3.169e+05	-3422.73	2.297e+04
	29	-6609.54	-2920.76	-1.517e+04	3.240e+05	3499.70	-2.430e+04
	32	6478.90	2846.02	-3421.13	-3.169e+05	-3422.73	2.297e+04
	29	-6609.54	-2920.76	-1.517e+04	3.240e+05	3499.70	-2.430e+04
4123	15	1.660e+04	71.53	-3.562e+04	5.415e+04	584.88	1.266e+04
	14	-1.664e+04	-111.02	1.701e+04	-4.866e+04	-525.51	-1.356e+04
	32	6459.19	1842.48	-3523.73	-2.882e+05	-3112.33	1.523e+04
	29	-6505.89	-1881.98	-1.509e+04	2.937e+05	3171.70	-1.614e+04
	32	6459.19	1842.48	-3523.73	-2.882e+05	-3112.33	1.523e+04
	29	-6505.89	-1881.98	-1.509e+04	2.937e+05	3171.70	-1.614e+04
4128	15	1.787e+04	-91.01	-2.598e+04	6.673e+04	720.69	8175.08
	14	-1.786e+04	72.23	7241.21	-6.209e+04	-670.58	-8288.74
	32	6344.13	1436.19	-2677.61	-2.725e+05	-2942.95	7439.27
	29	-6336.67	-1454.97	-1.606e+04	2.772e+05	2993.07	-7552.92
	32	6344.13	1436.19	-2677.61	-2.725e+05	-2942.95	7439.27
	29	-6336.67	-1454.97	-1.606e+04	2.772e+05	2993.07	-7552.92
4133	31	5167.76	-1172.86	-2.078e+04	2.686e+05	2901.06	2947.80
	30	-5114.34	1156.41	1840.43	-2.635e+05	-2845.32	-2156.22
	36	3645.96	1259.32	-621.26	-2.674e+05	-2888.24	533.37
	33	-3592.54	-1275.77	-1.832e+04	2.726e+05	2943.99	258.21
	36	3645.96	1259.32	-621.26	-2.674e+05	-2888.24	533.37
	33	-3592.54	-1275.77	-1.832e+04	2.726e+05	2943.99	258.21
4138	29	-5694.44	-1292.55	-1.963e+04	2.763e+05	2984.16	4359.23
	32	5794.49	1261.21	432.54	-2.691e+05	-2906.47	-2577.97
	36	3291.11	1247.22	161.31	-2.709e+05	-2926.17	-3619.13
	33	-3191.05	-1278.56	-1.935e+04	2.781e+05	3003.86	5400.39
	36	3291.11	1247.22	161.31	-2.709e+05	-2926.17	-3619.13
	33	-3191.05	-1278.56	-1.935e+04	2.781e+05	3003.86	5400.39
4143	13	-1.851e+04	-510.16	-2.272e+04	8.143e+04	879.54	-1666.00
	16	1.867e+04	444.12	3214.18	-7.054e+04	-761.88	4558.24
	30	-5887.78	1284.76	-3348.28	-2.825e+05	-3051.25	-9636.57
	31	6041.64	-1350.79	-1.616e+04	2.934e+05	3168.91	1.253e+04
	30	-5887.78	1284.76	-3348.28	-2.825e+05	-3051.25	-9636.57
	31	6041.64	-1350.79	-1.616e+04	2.934e+05	3168.91	1.253e+04
4148	13	-1.770e+04	-498.66	-3.147e+04	8.061e+04	870.53	-2296.95
	16	1.793e+04	370.18	1.156e+04	-6.411e+04	-692.33	6426.84
	30	-6140.69	1509.40	-5275.66	-3.008e+05	-3248.93	-1.425e+04
	31	6363.26	-1637.88	-1.464e+04	3.173e+05	3427.12	1.838e+04
	30	-6140.69	1509.40	-5275.66	-3.008e+05	-3248.93	-1.425e+04
	31	6363.26	-1637.88	-1.464e+04	3.173e+05	3427.12	1.838e+04

RISULTATI ELEMENTI TIPO SHELL

LEGENDA RISULTATI ELEMENTI TIPO SHELL

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



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

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

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.
In questo caso gli elementi vengono raggruppati in gruppi (M_S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi.
I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di α_O attorno all'asse Z per i gusci e ruotata di α_V attorno alla normale (che per definizione è orizzontale) al piano del setto.
Per i setti, in particolare, se α_V è zero, l'asse '1-1 rappresenta la verticale e l'asse '2-2 l'orizzontale contenuta nel setto.
Le azioni sui setti possono essere espresse anche con formato macro, cioè riferite all'intero macroelemento.

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

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

Macro	Tipo	Angolo 1-Z (gradi)

1	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
1	1	0.0	-3.491e+05	-3594.86	-7095.08	-2.616e+07	1.460e+06	-9.402e+04
1	1	95.00	-3.174e+05	-4661.52	-4192.54	-1.321e+07	9.235e+05	-1.638e+05
1	1	190.00	-2.742e+05	-4216.98	-4979.75	-8.860e+06	4.716e+05	-3.968e+04
...								
1	98	380.00	-1.633e+05	-3452.84	-5625.53	-2.042e+06	-4.783e+05	9.505e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6.081e+05	-1.993e+05	-1.035e+05	-1.050e+08	-1.639e+07	-1.098e+06
			3.509e+04	1.926e+05	9.109e+04	6.195e+07	1.892e+07	1.031e+06

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
2	1	0.0	-3.422e+05	55.24	-2055.68	-6.088e+06	8.344e+04	-2.494e+04
2	1	95.00	-3.471e+05	-216.83	-144.82	-4.558e+06	-2.108e+04	-1.382e+04
2	1	190.00	-3.268e+05	-585.99	236.17	-2.282e+06	-2.675e+04	-2643.79
...								
2	98	960.00	-1.738e+04	-69.99	604.24	9.746e+04	1317.16	-1080.88
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5.675e+05	-4.262e+05	-5.006e+04	-7.697e+07	-7.069e+06	-9.614e+05
			6735.23	4.212e+05	4.742e+04	7.502e+07	7.114e+06	9.269e+05

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
3	1	0.0	-1.178e+05	-7405.87	4.81	1.343e+06	783.17	2025.74
3	1	95.00	-1.173e+05	-8550.95	-3.54	1.450e+06	843.09	3324.97
3	1	190.00	-1.063e+05	-9665.18	5.10	1.324e+06	940.76	3047.39
...								
3	98	960.00	-3075.63	-105.67	-3.77	883.81	-0.17	-36.96
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.317e+05	-2.279e+05	-1.595e+04	-1.529e+07	-1.639e+06	-2.059e+05
			-3074.92	2.122e+05	1.595e+04	1.771e+07	1.641e+06	2.111e+05

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
12	1	0.0	-8.454e+04	-1769.06	-692.52	-3.578e+06	3.624e+04	-888.69
12	1	95.00	-7.992e+04	-2101.14	-128.01	-3.890e+06	-2734.14	-1668.88
12	1	190.00	-6.355e+04	-2575.89	-78.09	-3.912e+06	-9176.23	-188.03
...								
12	98	573.19	-2806.25	-204.41	-194.85	-3.436e+04	-2.227e+04	-211.50
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.598e+05	-1.421e+05	-6526.82	-3.746e+07	-4.286e+05	-1.271e+05

			1.110e+05	1.379e+05	5372.68	3.201e+07	4.887e+05	1.250e+05

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
13	1	0.0	-8.905e+05	-785.10	-674.07	-2.016e+07	2.556e+05	3.453e+04
13	1	95.00	-8.933e+05	474.02	-1699.95	-2.396e+07	1.428e+05	7.638e+04
13	1	190.00	-8.327e+05	2201.16	-2545.09	-2.883e+07	-5.056e+04	5.902e+04
...								
13	98	960.05	-3.143e+04	121.03	-280.29	-1.454e+05	-5030.95	-3223.96
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.258e+06	-6.123e+05	-1.837e+05	-1.297e+08	-3.649e+07	-2.686e+06
			-3.142e+04	6.159e+05	1.807e+05	1.224e+08	3.728e+07	2.735e+06

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
15	1	0.0	-1.104e+05	144.44	-1281.37	-1.068e+06	5.631e+04	-1021.94
15	1	95.00	-1.171e+05	-469.24	-47.07	-1.958e+05	-6715.75	223.08
15	1	190.00	-1.172e+05	-1756.73	-65.83	1.146e+06	-1.407e+04	-230.24
...								
15	98	580.00	-3.276e+04	981.42	-159.40	1.335e+06	6965.12	-2615.00
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.735e+05	-1.489e+05	-3.451e+04	-4.353e+07	-3.668e+06	-2.821e+05
			8.418e+04	1.452e+05	3.477e+04	4.255e+07	3.706e+06	2.920e+05

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
16	1	0.0	-1.315e+06	-1644.18	2.806e+04	-2.795e+07	-5.652e+06	-1.301e+05
16	1	95.00	-1.307e+06	-1850.74	2.648e+04	-2.430e+07	-3.062e+06	-1.535e+05
16	1	190.00	-1.178e+06	-1932.86	2.310e+04	-1.946e+07	-7.288e+05	-1.037e+05
...								
16	98	960.00	-4.649e+04	-161.87	-10.81	-4.048e+04	-9173.85	3616.74
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.927e+06	-8.668e+05	-3.053e+05	-4.061e+08	-8.977e+07	-5.721e+06
			-4.648e+04	8.635e+05	3.549e+05	3.736e+08	7.986e+07	6.451e+06

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
17	1	0.0	-3.981e+05	-3314.65	-2405.39	-1.565e+07	6.029e+05	9.023e+04
17	1	95.00	-3.717e+05	-4709.22	-5268.91	-4.868e+06	2.325e+05	1.778e+05
17	1	190.00	-3.287e+05	-3922.94	-2000.41	-1.212e+06	-9.424e+04	8.452e+04

...								
17	98	380.00	-1.966e+05	-1783.63	2159.23	3.047e+05	2.515e+04	1.279e+05
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-4.882e+05	-2.243e+05	-1.459e+05	-7.275e+07	-2.784e+07	-1.998e+06
			-1.508e+05	2.172e+05	1.415e+05	4.589e+07	2.885e+07	2.133e+06

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
18	1	0.0	-6.484e+05	6697.61	8405.50	-5.448e+07	-1.670e+06	3.321e+04
18	1	95.00	-6.521e+05	6417.06	8895.93	-5.976e+07	-8.481e+05	1.262e+05
18	1	190.00	-6.077e+05	5302.79	8717.21	-6.583e+07	-1.431e+04	2.023e+05
...								
18	98	960.01	-2.760e+04	-196.33	222.56	-1.011e+05	2719.18	4.531e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-8.534e+05	-3.927e+05	-1.032e+05	-2.379e+08	-3.946e+07	-4.548e+06
			-2.760e+04	4.008e+05	1.049e+05	1.715e+08	3.660e+07	4.675e+06

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
19	1	0.0	-6.627e+05	2715.35	-5277.60	2.518e+07	7.077e+05	8835.71
19	1	95.00	-6.629e+05	3367.39	-4474.69	2.764e+07	2.444e+05	5.913e+04
19	1	190.00	-6.082e+05	3636.66	-2864.40	3.039e+07	-1.017e+05	9.643e+04
...								
19	98	960.00	-2.427e+04	190.42	-65.78	9.927e+04	-3927.69	2.829e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	T
			-7.332e+05	-6.528e+04	-5.076e+04	-3.607e+08	-1.605e+07	-3.749e+06
			-2.427e+04	7.086e+04	4.891e+04	4.014e+08	1.725e+07	3.885e+06

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
20	1	0.0	-4.632e+04	-6857.39	172.16	1.630e+05	-2562.34	220.82
20	1	95.00	-4.566e+04	-7406.47	102.02	-1.589e+05	1.046e+04	987.31
20	1	190.00	-3.924e+04	-7414.54	-33.22	-3.915e+05	1.421e+04	4888.66
...								
20	98	380.00	-2.211e+04	-5930.37	-232.27	-5.907e+05	-1.542e+04	-709.63
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5.591e+04	-3.848e+04	-2.254e+04	-4.634e+06	-2.486e+06	-3.243e+05
			-1.195e+04	2.635e+04	2.276e+04	4.911e+06	2.487e+06	3.279e+05

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		cm	daN	daN	daN	daN cm	daN cm	daN cm
21	1	0.0	-1.166e+05	825.21	-860.85	7.824e+05	8.167e+04	-2.361e+04
21	1	95.00	-1.152e+05	902.53	-781.60	6.707e+05	3654.83	-3.200e+04
21	1	190.00	-1.029e+05	911.08	-283.09	5.355e+05	-4.310e+04	-1.910e+04
...								
21	98	960.00	-4124.47	28.26	41.58	-2963.12	202.79	-1876.39
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.295e+05	-1.998e+05	-2.062e+04	-3.455e+07	-2.923e+06	-1.200e+06
			4.191e+04	2.012e+05	1.921e+04	3.585e+07	3.055e+06	1.180e+06

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
28	1	0.0	-4.703e+04	1366.47	-116.37	1.506e+06	1.423e+04	1584.67
28	1	95.00	-4.396e+04	3512.44	-286.75	7.074e+05	978.46	-1521.28
28	1	190.00	-3.954e+04	4071.25	-10.43	2.287e+05	-3121.39	-1374.24
...								
28	98	580.00	-1.806e+04	821.53	36.00	-3.877e+05	2349.30	-4884.42
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.112e+05	-4.146e+04	-6033.20	-1.748e+06	-2.245e+05	-2.644e+05
			3.164e+04	4.789e+04	5794.45	3.452e+06	2.490e+05	2.543e+05

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
29	1	0.0	-4.420e+04	-6539.84	20.96	1.229e+05	482.31	1899.06
29	1	95.00	-4.365e+04	-7089.84	14.89	-1.797e+05	2185.20	2838.09
29	1	190.00	-3.775e+04	-7100.70	-13.05	-3.973e+05	2532.51	3920.66
...								
29	98	380.00	-2.199e+04	-5723.46	-186.59	-5.807e+05	-1.018e+04	619.03
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5.380e+04	-4.142e+04	-1.804e+04	-5.485e+06	-1.849e+06	-3.422e+05
			-1.081e+04	2.970e+04	1.807e+04	5.702e+06	1.851e+06	3.477e+05

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
30	1	0.0	-4.416e+04	-6508.49	154.07	1.015e+05	-1.161e+04	5574.58
30	1	95.00	-4.362e+04	-7053.15	95.03	-1.973e+05	218.86	6840.42
30	1	190.00	-3.773e+04	-7062.89	11.87	-4.099e+05	5509.47	7933.21
...								
30	98	380.00	-2.195e+04	-5711.71	-193.40	-5.809e+05	-6959.23	1128.39
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5.374e+04	-4.425e+04	-1.510e+04	-6.205e+06	-1.589e+06	-3.209e+05
			-1.325e+04	3.260e+04	1.539e+04	6.382e+06	1.568e+06	3.334e+05

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
31	1	0.0	-5.343e+04	-5889.54	159.70	901.15	-5.664e+04	1.250e+04
31	1	95.00	-5.221e+04	-6304.99	175.51	-3.539e+05	-4.070e+04	3.086e+04
31	1	190.00	-4.329e+04	-6450.86	-262.36	-6.083e+05	-4.294e+04	5.493e+04
...								
31	98	380.00	-1.785e+04	-6075.88	1436.05	-6.243e+05	-2.309e+04	763.07
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6.323e+04	-3.982e+04	-1.745e+04	-8.698e+06	-2.517e+06	-4.856e+05
			-1.338e+04	2.911e+04	1.785e+04	8.706e+06	2.409e+06	5.432e+05

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
529	1	0.0	-1.895e+05	7007.63	-1397.13	1.802e+06	2.206e+05	-1.637e+04
529	1	95.00	-1.905e+05	7818.69	-1105.28	1.882e+06	1.017e+05	-1.725e+04
529	1	190.00	-1.757e+05	8782.90	-997.95	1.812e+06	6348.20	-3132.31
...								
529	98	960.00	-5751.76	75.15	-119.63	-329.03	-8.20	600.13
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.136e+05	-3.107e+05	-3.778e+04	-2.203e+07	-4.978e+06	-4.055e+05
			-5751.32	3.267e+05	3.480e+04	2.546e+07	5.445e+06	4.153e+05

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
535	1	0.0	-2.205e+04	2989.93	-1616.49	1.348e+06	-2.861e+04	1.500e+04
535	1	95.00	-8.048e+04	2541.12	657.80	1.166e+06	-7.328e+04	-9.747e+04
535	1	190.00	-8.737e+04	4193.73	128.91	5.152e+05	-4.844e+04	-1.383e+05
...								
535	98	573.19	-2383.83	1.50	-548.32	721.82	3.662e+04	2118.55
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.259e+05	-1.791e+05	-1.180e+04	-2.434e+07	-9.094e+05	-1.223e+06
			1.481e+04	1.878e+05	9893.78	2.614e+07	1.064e+06	9.727e+05

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
538	1	499.40	-2661.26	392.67	-308.95	-9810.26	-3.335e+04	8363.34
538	1	499.40	-2661.26	392.67	-308.95	-9810.26	-3.335e+04	8363.34
538	1	539.70	-2131.25	335.03	-57.42	-8272.26	-3.143e+04	2675.50
...								
538	98	575.93	-668.64	44.36	-73.01	-315.06	-1.174e+04	443.13
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-6483.75	-6405.07	-1535.67	-3.508e+05	-9.070e+04	-4.852e+04
			1764.72	6850.09	1274.13	3.511e+05	3.712e+04	5.353e+04

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
540	1	868.56	-1770.12	61.31	33.56	322.14	4524.15	-3048.30
540	1	960.00	-1900.71	-8.61	-14.38	-81.18	-77.85	-671.96
540	2	868.56	-1808.40	73.70	30.83	274.70	4844.39	-9507.16
...								
540	98	960.00	-1456.63	-9.35	-13.02	-79.18	-166.85	475.32
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1914.34	-1.780e+04	-1389.50	-1.703e+04	-2.948e+04	-8.731e+04
			-1267.25	1.791e+04	1424.91	1.762e+04	3.059e+04	8.116e+04

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
541	1	379.82	-4.116e+04	1052.06	-56.84	1.826e+05	-1204.26	8696.77
541	1	379.85	-4.116e+04	1052.06	-56.84	1.826e+05	-1204.26	8696.77
541	1	379.88	-4.116e+04	1052.06	-56.84	1.826e+05	-1204.26	8696.77
...								
541	98	960.00	-7362.82	-22.14	3.63	2.223e+04	309.93	1.712e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.634e+05	-1.431e+05	-9908.45	-1.866e+07	-6.288e+05	-1.443e+06
			-7357.78	1.426e+05	9594.56	1.708e+07	6.791e+05	1.530e+06

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
542	1	380.00	-1.465e+05	-1753.70	4872.40	-2.172e+06	-8.216e+05	8.883e+04
542	1	446.67	-1.422e+05	-1433.09	3556.57	-1.272e+06	-5.400e+05	6.993e+04
542	1	513.33	-1.239e+05	-747.62	2589.37	-5.308e+05	-3.364e+05	7.446e+04
...								
542	98	960.00	-7855.69	-7.93	-1.53	-757.74	511.51	1.462e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.275e+05	-1.288e+05	-1.147e+04	-2.872e+07	-2.196e+06	-5.686e+05
			-7853.99	1.261e+05	1.641e+04	2.521e+07	7.819e+05	6.615e+05

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

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
543	1	380.00	-4.361e+04	2196.35	-605.65	-6.024e+05	4.071e+04	-3.618e+04
543	1	446.67	-4.971e+04	1187.13	-413.30	-6.378e+05	6566.36	-2.771e+04
543	1	513.33	-4.618e+04	718.01	-228.70	-6.001e+05	-1.500e+04	-2.558e+04
...								
543	98	960.00	-4723.69	-50.98	227.58	7255.91	-779.56	-1.250e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**

		-6.278e+04	-1.295e+05	-1.013e+04	-1.066e+07	-9.840e+05	-4.202e+05
		-4721.00	1.334e+05	9492.76	9.474e+06	1.047e+06	3.805e+05

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
544	1	770.00	-618.23	173.33	-20.49	-667.47	-150.09	-152.76
544	1	865.00	-637.27	118.01	28.30	812.94	11.90	-247.92
544	2	770.00	-635.56	140.53	-22.54	-503.30	-136.15	-95.35
...								
544	98	865.00	-485.29	105.61	25.53	715.81	12.14	-215.17
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-953.52	-4313.23	-999.02	-2.047e+04	-1454.68	-5851.45
			7.13	4567.64	960.35	2.166e+04	1475.99	5478.08

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
545	1	580.00	-2.147e+04	1184.02	65.26	-4.104e+05	3233.44	-2.250e+04
545	1	675.00	-2.302e+04	920.86	34.79	-1.641e+05	4829.07	-3.925e+04
545	1	770.00	-1.731e+04	791.08	8.21	-5.624e+04	3566.72	-3.629e+04
...								
545	98	960.00	-2577.71	139.32	-4.92	1.239e+04	-192.99	-1.708e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3.807e+04	-3.574e+04	-5612.79	-1.062e+06	-2.301e+05	-1.839e+06
			5160.52	3.676e+04	5674.37	6.291e+05	2.362e+05	1.778e+06

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
548	1	573.19	-2.713e+04	542.54	-327.78	1.155e+06	6.812e+04	1.906e+04
548	1	575.93	-3.454e+04	610.11	-379.39	1.364e+06	8.394e+04	2.665e+04
548	1	580.00	-9.250e+04	1998.56	-698.05	3.899e+06	1.558e+05	2.567e+04
...								
548	98	960.00	-9765.20	108.24	-39.09	-2.348e+04	-1338.45	1.437e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-1.043e+05	-1.703e+05	-4.394e+04	-7.565e+06	-8.296e+06	-2.195e+06
			-9761.49	1.743e+05	4.296e+04	1.444e+07	8.537e+06	2.262e+06

Macro	Tipo	Angolo 1-X (gradi)
4	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
4	1	82	-0.14	-14.95	-1.37	-13.72	4.09	-6.44	-44.48	-27.03	-23.89	-18.95
4	1	108	-4.00	-18.02	-4.24	-17.79	1.81	96.09	-28.69	-18.56	85.97	-34.08

4	1	109	-3.70	-4.10	-3.71	-4.10	-3.22e-02	10.70	-29.54	-2.49	-16.36	-18.89
...												
4	98	3829	-3.45	-23.76	-3.48	-23.73	0.70	-9.07	-85.39	-10.33	-84.12	-9.75
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-55.38	-36.17	-38.69	-25.33		-391.84	-104.70	-383.33	-212.85
			28.89		23.71	10.54	27.44	450.31		222.82	342.88	132.54

Macro	Tipo	Angolo 1-X (gradi)
5	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
5	1	76	1.10	-12.81	-9.51	-2.20	5.92	53.08	-52.31	-21.14	21.91	-48.10
5	1	78	-0.97	-11.03	-5.70	-6.31	-5.02	24.23	-108.93	-74.23	-10.47	58.45
5	1	109	-3.94	-4.89	-4.26	-4.57	-0.45	33.60	-22.79	8.94	1.86	-27.97
...												
5	98	3826	-9.26	-17.61	-17.43	-9.44	-1.22	-29.62	-99.95	-64.24	-65.33	35.16
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-55.66	-37.38	-31.05	-34.69		-237.73	-231.83	-151.39	-151.54
			31.61		14.07	13.33	37.21	384.17		130.89	293.50	137.91

Macro	Tipo	Angolo 1-X (gradi)
6	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
6	1	77	-2.99	-17.96	-3.52	-17.44	2.76	37.55	3.20	4.19	36.56	5.75
6	1	79	0.28	-16.31	2.39e-02	-16.05	-2.05	20.10	-2.79	-0.52	17.84	6.83
6	1	111	-6.94	-17.29	-6.95	-17.28	0.29	64.69	-30.21	-21.95	56.43	26.75
...												
6	98	3827	-3.44	-23.71	-3.57	-23.58	-1.63	-4.53	-70.22	-6.07	-68.67	9.96
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-49.07	-21.89	-37.18	-24.29		-374.16	-98.27	-370.93	-171.64
			19.73		9.67	-3.37	21.90	466.52		209.70	268.89	225.29

Macro	Tipo	Angolo 1-X (gradi)
7	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
7	1	81	-5.21	-16.41	-12.41	-9.21	5.37	51.94	-183.15	-156.70	25.49	-74.28
7	1	83	8.04	-13.11	-11.90	6.83	-4.91	266.87	-13.90	264.05	-11.08	28.01
7	1	102	8.01	-13.57	-7.42	1.86	9.74	132.07	-10.15	123.23	-1.31	-34.34
...												
7	98	3831	5.20	-22.66	-22.30	4.84	-3.15	644.29	-3.57	644.26	-3.54	-4.56
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-54.19	-43.88	-36.58	-30.43		-588.58	-516.30	-586.89	-173.10
			33.95		33.08	21.06	34.01	940.72		938.72	619.88	182.43

Macro	Tipo	Angolo 1-X (gradi)
8	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
8	1	82	-0.24	-19.95	-0.70	-19.49	2.97	-22.06	-37.77	-24.28	-35.54	-5.48
8	1	84	1.41	-22.42	1.36	-22.37	-1.05	107.44	-19.45	-19.28	107.27	-4.66
8	1	90	6.15	-1.60	0.90	3.65	-3.62	56.14	-12.33	-9.81	53.62	-12.88
...												
8	98	3829	-3.50	-30.97	-3.52	-30.96	0.65	-27.43	-70.00	-27.45	-69.98	0.95
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-58.89	-26.64	-52.12	-27.58		-441.37	-157.78	-429.21	-109.54
			33.38		32.69	26.29	27.36	657.01		144.83	656.44	80.05

Macro	Tipo	Angolo 1-X (gradi)
9	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
9	1	76	-0.94	-16.41	-15.02	-2.32	4.42	36.93	-13.96	12.92	10.05	-25.40
9	1	78	-3.57	-12.85	-10.95	-5.46	-3.74	-0.59	-115.95	-86.52	-30.02	50.29
9	1	90	6.44	-3.87	-1.66e-02	2.59	-4.98	31.83	-11.77	19.03	1.03	-19.85
...												
9	98	3826	-10.75	-25.54	-25.54	-10.75	-9.55e-02	-40.46	-85.34	-62.79	-63.01	22.44
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-105.20	-76.69	-53.12	-47.46		-383.16	-212.46	-355.24	-113.59
			69.39		39.94	51.25	53.86	514.64		511.04	308.97	145.48

Macro	Tipo	Angolo 1-X (gradi)
10	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
10	1	77	-2.42	-23.69	-2.54	-23.58	1.59	33.33	-12.81	-8.85	29.37	12.92
10	1	79	1.00	-21.93	0.94	-21.87	-1.17	12.56	-5.63	-5.56	12.49	-1.09
10	1	100	14.58	-6.21	3.29	5.08	10.36	29.52	-32.58	-27.14	24.08	17.56
...												
10	98	4432	1.69	-31.27	1.53	-31.11	-2.27	207.02	-2.54	-2.48	206.97	3.51
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-48.08	-16.68	-45.10	-21.20		-612.44	-179.54	-597.90	-90.57
			31.70		21.05	22.49	21.88	848.62		151.39	843.29	111.17

Macro	Tipo	Angolo 1-X (gradi)
11	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
11	1	100	6.50	-40.42	3.35	-37.27	-11.74	78.21	-58.44	-44.64	64.41	41.17
11	1	130	-0.32	-24.78	-0.45	-24.65	-1.77	-5.77	-215.03	-10.20	-210.60	30.13
11	1	135	0.84	-23.23	0.83	-23.22	0.52	-15.89	-381.05	-15.89	-381.05	0.70
...												
11	98	4432	0.22	-20.76	-6.75e-03	-20.53	-2.18	-38.32	-404.39	-41.04	-401.67	-31.45
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-112.40	-110.33	-58.82	-41.73		-722.85	-262.60	-709.99	-196.39
			99.54		89.59	36.49	49.71	635.69		73.63	625.92	136.79

Macro	Tipo	Angolo 1-X (gradi)
14	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
14	1	105	10.33	-198.52	-10.22	-177.98	-62.20	-161.22	-342.87	-189.38	-314.71	-65.74
14	1	129	0.38	-253.92	-2.37	-251.16	-26.32	183.70	95.72	180.47	98.95	16.56
14	1	130	1.14	-213.85	1.07	-213.78	3.77	128.38	-213.03	-8.28	-76.36	167.28
...												
14	98	6089	-0.74	-82.86	-3.90	-79.69	15.80	192.22	76.07	81.22	187.08	23.90
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-506.40	-78.78	-432.71	-268.93		-7687.67	-7038.39	-5967.49	-3999.90
			214.78		92.15	33.12	269.27	8339.48		7566.93	6383.15	4153.01

Macro	Tipo	Angolo 1-X (gradi)
22	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
22	1	664	-12.62	-19.02	-12.64	-19.00	-0.27	167.24	-10.78	61.04	95.42	-87.33
22	1	666	-14.89	-20.53	-15.40	-20.02	1.62	169.10	-14.99	50.66	103.45	88.18
22	1	668	-9.80	-21.04	-10.99	-19.84	-3.46	-38.27	-60.97	-47.56	-51.68	11.16
...												
22	98	3816	-20.61	-26.48	-21.96	-25.13	2.47	-146.32	-169.16	-150.35	-165.13	8.71
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-51.19	-44.43	-35.57	-19.62		-323.59	-236.30	-321.19	-195.81
			25.97		25.03	-6.37	20.39	424.52		147.20	296.22	200.99

Macro	Tipo	Angolo 1-X (gradi)
23	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
23	1	664	-11.15	-21.10	-11.31	-20.94	1.25	191.71	-5.76	113.06	72.89	-96.67
23	1	665	-10.98	-21.64	-11.28	-21.34	1.76	118.08	2.23	52.58	67.73	57.43
23	1	669	-4.13	-17.50	-4.39	-17.24	1.84	79.81	30.95	64.51	46.25	-22.66
...												
23	98	3817	-9.53	-19.31	-9.53	-19.31	-0.14	-15.00	-65.73	-15.00	-65.73	-0.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-51.40	-41.33	-36.89	-22.19		-267.64	-132.91	-264.62	-205.78
			27.64		20.15	1.50	26.83	426.35		238.52	290.53	169.19

Macro	Tipo	Angolo 1-X (gradi)
24	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
24	1	665	-12.98	-20.77	-14.55	-19.21	3.12	92.83	-13.74	15.48	63.62	47.54
24	1	667	-12.32	-18.19	-12.72	-17.79	-1.47	103.41	-4.30	31.69	67.41	-50.81
24	1	670	-7.67	-16.62	-11.33	-12.95	4.40	12.89	-99.75	-85.81	-1.05	-37.10
...												
24	98	3814	-16.87	-18.85	-17.73	-17.99	-0.98	-99.18	-150.21	-136.93	-112.47	22.40
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-51.20	-34.64	-30.37	-27.48		-218.41	-214.81	-186.46	-163.03
			20.72		9.51	-2.54	27.91	404.73		130.88	307.94	167.99

Macro	Tipo	Angolo 1-X (gradi)
25	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
25	1	666	-13.85	-21.87	-13.87	-21.85	0.39	191.27	-3.56	104.79	82.91	96.80
25	1	667	-9.83	-19.97	-9.83	-19.97	0.19	127.84	4.35	66.72	65.47	-61.74
25	1	671	-7.92	-17.68	-7.95	-17.65	-0.56	64.25	29.05	44.75	48.56	17.49
...												
25	98	3815	-9.30	-18.63	-9.30	-18.63	0.13	-7.37	-65.11	-7.74	-64.73	-4.63
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-48.34	-24.91	-34.23	-23.68		-170.53	-116.19	-169.02	-180.10
			22.65		11.34	-2.98	24.89	431.49		200.09	286.83	217.51

Macro	Tipo	Angolo 1-X (gradi)
26	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
26	1	317	3.50	-257.25	3.25	-256.99	-8.15	-226.61	-422.39	-366.91	-282.10	-88.23
26	1	322	3.36	-257.22	3.35	-257.20	1.91	-314.06	-426.49	-403.06	-337.48	-45.66
26	1	655	3.38	-257.36	3.37	-257.35	1.63	-333.07	-420.35	-419.28	-334.15	9.62
...												
26	98	5325	4.08	-156.39	3.96	-156.27	4.34	1367.64	562.39	564.81	1365.23	-44.00
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-547.15	-54.99	-456.48	-272.61		-1.003e+04	-4330.64	-1.001e+04	-4316.04
			207.13		46.08	30.54	294.35	9471.29		4591.03	9436.86	4703.05

Macro	Tipo	Angolo 1-X (gradi)
27	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
27	1	116	4.62	-56.25	2.33	-53.96	11.59	12.06	-15.04	-7.89	4.92	-11.94
27	1	118	-0.97	-53.18	-1.25	-52.90	3.81	8.12	-14.59	-11.83	5.36	-7.42
27	1	540	-4.85	-56.33	-6.07	-55.11	7.85	15.79	-15.77	-11.85	11.87	-10.41
...												
27	98	1220	-0.49	-16.25	-2.15	-14.59	-4.84	11.07	-0.77	-0.60	10.90	-1.40
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-300.26	-142.86	-261.39	-163.47		-216.16	-147.06	-215.84	-77.65
			216.69		146.82	152.11	147.53	235.65		134.05	235.02	73.06

Macro	Tipo	Angolo 1-X (gradi)
32	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
32	1	1616	-1.07	-18.68	-4.35	-15.40	-6.86	-88.31	-116.29	-100.21	-104.39	13.84
32	1	1617	-8.72	-17.36	-9.05	-17.03	-1.67	-134.74	-152.77	-151.41	-136.10	-4.76
32	1	1618	-5.50	-18.57	-6.47	-17.61	-3.43	-93.11	-103.56	-93.48	-103.18	-1.94
...												
32	98	3327	16.28	0.56	15.74	1.10	-2.87	191.58	-14.84	191.51	-14.77	3.79
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-465.52	-450.82	-113.36	-107.32		-1882.76	-1846.17	-938.89	-579.71
		483.00		469.24	80.62	99.84	1592.72		1553.02	826.30	604.93

Macro	Tipo	Angolo 1-X (gradi)
33	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
33	1	1616	-2.94	-18.96	-7.31	-14.59	-7.13	-94.33	-128.33	-105.91	-116.75	16.11
33	1	1617	-6.95	-18.49	-7.20	-18.24	-1.68	-136.42	-144.26	-142.82	-137.86	-3.04
33	1	1619	-7.93	-16.07	-8.98	-15.02	-2.73	-107.65	-131.79	-131.79	-107.66	-0.22
...												
33	98	1664	2.67	-1.41	0.16	1.10	-1.99	274.17	-10.13	-10.11	274.15	2.27
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-139.89	-76.46	-79.69	-101.07		-809.04	-393.91	-665.22	-257.36
			141.22		65.03	82.91	89.94	600.76		225.55	520.76	286.72

Macro	Tipo	Angolo 1-X (gradi)
34	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
34	1	1617	-6.22	-18.75	-6.51	-18.46	-1.88	-129.64	-149.97	-147.12	-132.49	-7.06
34	1	1622	-6.45	-16.35	-6.50	-16.29	0.74	-113.95	-176.23	-128.73	-161.45	-26.50
34	1	1623	-9.17	-18.27	-9.25	-18.19	-0.83	-134.16	-141.24	-135.64	-139.76	-2.88
...												
34	98	3731	-2.52	-11.89	-11.29	-3.12	-2.30	-34.77	-46.76	-35.48	-46.05	-2.83
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-121.22	-88.23	-48.75	-79.79		-848.11	-481.15	-712.37	-293.52
			105.84		83.92	27.16	81.34	855.89		288.02	847.43	284.55

Macro	Tipo	Angolo 1-X (gradi)
35	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
35	1	1617	-8.51	-17.69	-8.84	-17.35	-1.71	-135.59	-156.33	-154.56	-137.36	-5.80
35	1	1618	-5.62	-18.00	-6.19	-17.43	-2.59	-101.69	-104.82	-101.71	-104.80	0.25
35	1	1621	-8.39	-16.07	-8.46	-15.99	-0.74	-108.18	-117.71	-114.84	-111.05	-4.37
...												
35	98	3336	15.19	-1.93	15.13	-1.88	-0.96	167.73	-4.40	167.73	-4.40	4.17e-02
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-466.54	-452.35	-87.85	-94.20		-1956.83	-1870.55	-1237.66	-481.46
			483.82		469.96	75.09	91.40	1786.16		1786.15	1118.96	506.04

Macro	Tipo	Angolo 1-X (gradi)
36	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
36	1	1617	-6.78	-19.11	-6.81	-19.08	-0.64	-146.29	-156.29	-152.01	-150.58	-4.95
36	1	1623	-8.89	-18.73	-9.18	-18.45	-1.65	-132.00	-140.05	-134.44	-137.61	-3.70

36	1	1624	-5.49	-14.89	-6.17	-14.21	-2.43	-131.71	-151.19	-135.92	-146.98	8.02
...												
36	98	1670	2.22	-0.77	-0.22	1.67	-1.16	-29.24	-151.98	-106.37	-74.85	59.31
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-255.84	-243.80	-55.88	-74.39		-1210.67	-583.35	-1021.92	-704.61
			255.92		245.98	34.88	65.54	1731.48		374.65	1438.83	485.24

Macro	Tipo	Angolo 1-X (gradi)
37	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
37	1	1617	-6.69	-19.70	-7.30	-19.09	-2.76	-124.81	-149.55	-143.81	-130.55	-10.44
37	1	1619	-8.44	-15.95	-8.93	-15.46	-1.86	-117.04	-130.73	-130.73	-117.04	3.96e-02
37	1	1620	-6.65	-12.87	-7.07	-12.45	1.55	-120.55	-157.72	-133.92	-144.35	-17.84
...												
37	98	1672	3.20	1.17	1.35	3.02	0.57	312.00	-7.63	-7.61	311.99	-2.09
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-154.83	-71.21	-112.07	-87.80		-694.73	-456.58	-532.39	-304.21
			159.32		59.68	117.64	83.97	1082.02		285.28	1082.00	289.03

Macro	Tipo	Angolo 1-X (gradi)
38	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
38	1	1616	-3.61	-19.33	-7.82	-15.12	-6.96	-38.02	-79.09	-46.35	-70.76	16.51
38	1	1626	4.48	-21.71	-0.35	-16.88	-10.16	-1.81	-69.45	-3.64	-67.62	10.96
38	1	1638	9.69	-17.26	5.98	-13.55	-9.29	45.11	-56.43	39.14	-50.46	23.89
...												
38	98	1693	7.71	-3.22	3.86	0.64	-5.22	149.70	-1.14	149.24	-0.68	8.33
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-131.04	-80.64	-36.35	-111.44		-1064.73	-829.22	-965.41	-185.79
			123.71		105.01	26.96	97.42	1008.62		1007.09	926.79	246.93

Macro	Tipo	Angolo 1-X (gradi)
39	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
39	1	1616	-2.23	-21.55	-7.16	-16.62	-8.42	-50.73	-76.90	-72.76	-54.87	9.55
39	1	1628	-0.28	-19.25	-10.48	-9.05	-9.46	-31.02	-89.15	-80.71	-39.46	20.47
39	1	1640	1.54	-16.25	-9.89	-4.83	-8.53	26.09	-76.13	-59.86	9.82	37.39
...												
39	98	1694	4.82e-02	-6.83	-3.34	-3.44	-3.44	188.86	1.58	1.60	188.83	2.22
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-137.86	-63.72	-60.20	-115.65		-1103.73	-746.56	-989.36	-219.93
			122.33		52.21	44.90	102.44	975.49		740.22	907.75	238.37

Macro	Tipo	Angolo 1-X (gradi)
40	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
40	1	1620	-8.00	-12.68	-8.48	-12.20	1.42	-77.84	-122.52	-90.55	-109.80	-20.16
40	1	1630	-0.95	-18.53	-3.24	-16.24	5.92	-44.66	-98.35	-45.05	-97.96	-4.53
40	1	1642	3.06	-17.39	2.26	-16.59	3.97	25.84	-85.98	25.79	-85.92	-2.41
...												
40	98	1806	2.90	-16.17	1.34	-14.60	-5.24	58.60	13.97	58.57	14.00	1.13
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-122.30	-61.18	-84.59	-89.45		-1044.25	-682.58	-966.57	-213.12
			103.06		55.93	63.69	75.31	974.26		637.36	923.02	237.04

Macro	Tipo	Angolo 1-X (gradi)
41	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
41	1	1622	-5.40	-17.65	-5.52	-17.53	1.21	-90.80	-119.81	-110.62	-99.99	-13.49
41	1	1632	-8.17	-16.95	-12.24	-12.88	4.38	-80.43	-109.19	-92.44	-97.17	-14.18
41	1	1644	-6.41	-15.73	-13.80	-8.33	3.77	-12.40	-76.28	-59.78	-28.90	-27.96
...												
41	98	1696	-1.57	-7.82	-6.28	-3.11	-2.69	186.78	-17.46	-16.49	185.81	-14.09
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-135.70	-87.26	-65.95	-92.48		-876.47	-540.39	-804.99	-237.30
			125.42		78.42	59.45	94.89	1215.12		462.10	1211.90	212.41

Macro	Tipo	Angolo 1-X (gradi)
42	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
42	1	1624	-6.76	-14.70	-7.52	-13.94	-2.33	-95.00	-129.70	-109.16	-115.54	17.05
42	1	1633	0.54	-18.06	-1.84	-15.67	-6.22	-35.80	-106.31	-35.89	-106.23	-2.45
42	1	1645	5.28	-16.47	3.82	-15.01	-5.45	45.13	-108.12	45.08	-108.07	-2.78
...												
42	98	1812	3.79	-13.09	3.60	-12.90	1.79	68.25	-60.67	68.08	-60.50	4.70
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-110.03	-73.46	-55.70	-72.76		-1161.76	-676.88	-1156.46	-209.49
			96.15		75.00	29.23	79.02	1025.34		511.43	1017.87	224.99

Macro	Tipo	Angolo 1-X (gradi)
43	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
43	1	1624	-3.32	-16.45	-3.99	-15.78	-2.89	-111.68	-119.03	-117.38	-113.33	3.07
43	1	1634	-3.97	-19.43	-11.45	-11.95	-7.73	-83.85	-111.24	-108.52	-86.56	8.19
43	1	1646	-1.82	-19.10	-13.48	-7.44	-8.09	-23.63	-109.69	-106.94	-26.39	15.14
...												
43	98	1698	-2.18	-18.59	-16.65	-4.12	-5.30	176.67	-25.52	9.49	141.66	76.50
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-225.38	-184.22	-49.38	-85.18		-2256.87	-582.93	-1856.86	-917.41
			187.21		149.95	39.49	74.18	2584.36		397.48	2119.51	1060.69

Macro	Tipo	Angolo 1-X (gradi)
44	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
44	1	1622	-6.87	-15.29	-6.87	-15.29	8.60e-02	-73.91	-133.55	-90.12	-117.34	-26.53
44	1	1635	4.80e-02	-17.93	-0.73	-17.15	3.65	-31.64	-104.45	-31.86	-104.23	-4.00
44	1	1647	7.22	-14.07	6.89	-13.74	2.63	30.54	-68.83	29.65	-67.95	-9.32
...												
44	98	1699	7.99	0.37	7.08	1.28	2.47	206.23	-3.87	205.89	-3.54	-8.38
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-129.39	-95.65	-59.21	-86.65		-822.43	-815.04	-779.13	-171.29
			132.16		124.37	53.66	87.12	1220.98		1220.98	634.98	131.85

Macro	Tipo	Angolo 1-X (gradi)
45	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
45	1	1620	-5.17	-14.70	-5.49	-14.38	1.71	-93.87	-120.36	-112.59	-101.64	-12.06
45	1	1636	-4.91	-15.10	-11.34	-8.68	4.92	-71.75	-100.64	-96.74	-75.65	-9.87
45	1	1648	-1.49	-11.43	-9.76	-3.15	3.71	2.46	-72.39	-68.89	-1.05	-15.82
...												
45	98	1700	1.66	-3.00	-8.03e-02	-1.26	2.26	282.49	-0.98	-0.98	282.49	-0.97
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-151.43	-61.26	-116.19	-73.98		-915.66	-505.41	-915.64	-202.86
			152.21		47.11	115.78	78.00	1465.29		372.34	1465.28	140.64

Macro	Tipo	Angolo 1-X (gradi)
46	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
46	1	1673	2.99	-34.41	-11.20	-20.21	-18.15	68.85	5.49	56.01	18.33	25.47
46	1	1677	6.19	-23.96	-1.82	-15.95	-13.32	49.05	-12.01	39.85	-2.81	21.84
46	1	1685	8.30	-15.88	1.07	-8.65	-11.07	61.77	-18.23	53.13	-9.58	24.84
...												
46	98	1713	0.71	-13.27	-5.93	-6.64	-6.98	81.56	9.47	81.07	9.96	5.94
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-159.89	-60.07	-59.39	-122.41		-1155.48	-1153.48	-887.93	-306.22
			105.13		67.71	45.36	93.61	1303.98		1302.88	911.68	372.10

Macro	Tipo	Angolo 1-X (gradi)
47	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
47	1	1673	3.67	-36.36	-15.64	-17.05	-20.00	69.97	13.84	30.55	53.26	25.66
47	1	1678	2.15	-23.33	-12.84	-8.33	-12.54	49.46	-26.51	-4.11	27.06	34.64
47	1	1686	1.23	-16.99	-9.38	-6.38	-8.99	75.04	-31.53	-12.33	55.84	40.96
...												
47	98	1714	-5.00	-13.17	-9.16	-9.01	-4.09	70.89	6.24	6.27	70.86	1.47
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-169.06	-58.05	-63.41	-131.57		-1235.10	-696.01	-1234.89	-239.07
			111.20		33.27	45.36	99.68	1355.75		739.44	1355.62	318.06

Macro	Tipo	Angolo 1-X (gradi)
48	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
48	1	1674	-1.10	-24.98	-9.95	-16.13	11.53	8.21	-57.01	-8.40	-40.40	-28.42
48	1	1679	1.19	-23.76	-1.74	-20.84	8.02	-0.25	-18.65	-4.75	-14.15	-7.91
48	1	1687	1.40	-20.12	1.11	-19.84	2.46	49.49	-5.13	49.44	-5.08	1.66
...												
48	98	1826	-1.30	-23.19	-3.98	-20.52	-7.17	78.18	56.19	56.34	78.03	-1.81
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-140.05	-57.38	-85.57	-97.84		-1068.27	-743.45	-983.83	-284.37
			91.19		41.64	58.45	78.48	1089.50		747.58	1028.11	301.41

Macro	Tipo	Angolo 1-X (gradi)
49	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
49	1	1675	-2.63	-27.20	-13.09	-16.75	12.15	29.93	-47.58	-15.95	-1.70	-38.09
49	1	1680	-3.45	-21.87	-16.43	-8.88	8.40	16.74	-47.87	-22.17	-8.97	-31.62
49	1	1688	-3.77	-16.68	-14.47	-5.98	4.86	75.14	-40.95	-23.08	57.28	-41.90
...												
49	98	1716	-5.12	-18.16	-18.06	-5.22	1.10	49.50	9.16	11.44	47.22	-9.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-153.29	-83.60	-63.83	-77.55		-813.33	-479.66	-686.41	-293.69
			109.40		62.62	59.53	97.60	861.14		454.22	861.11	185.51

Macro	Tipo	Angolo 1-X (gradi)
50	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
50	1	1676	1.46	-23.77	-6.93	-15.38	-11.88	-22.27	-54.65	-31.13	-45.79	14.43
50	1	1681	5.32	-21.93	1.33	-17.94	-9.63	25.97	-45.79	25.96	-45.78	-0.86
50	1	1689	5.21	-17.98	3.75	-16.53	-5.62	83.87	-56.03	83.62	-55.79	-5.79
...												
50	98	1832	-0.40	-21.03	-1.76	-19.67	5.12	63.20	1.20	62.73	1.68	5.42
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-131.30	-72.30	-83.67	-71.41		-1244.93	-901.78	-1244.66	-295.54
			98.42		65.37	47.46	83.79	1103.71		812.31	1103.15	310.57

Macro	Tipo	Angolo 1-X (gradi)
51	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
51	1	1676	3.37	-23.26	-6.20	-13.68	-12.78	-22.89	-35.76	-33.52	-25.13	4.88
51	1	1682	1.28	-25.02	-15.61	-8.13	-12.60	-11.68	-46.80	-39.52	-18.96	14.24
51	1	1690	-1.55	-22.44	-16.39	-7.59	-9.47	25.21	-47.67	-33.67	11.21	28.71
...												
51	98	1718	-6.00	-18.58	-17.39	-7.19	-3.69	26.89	-3.78	-2.87	25.99	5.19
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-137.11	-115.13	-69.51	-85.42		-2664.59	-407.89	-2580.50	-504.01
		115.28		82.88	53.80	79.67	2941.46		446.43	2863.74	496.13

Macro	Tipo	Angolo 1-X (gradi)
52	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
52	1	1675	-2.96	-25.58	-10.60	-17.94	10.70	16.34	-67.28	-3.80	-47.14	-35.76
52	1	1683	2.92	-19.94	-0.75	-16.28	8.38	24.21	-49.10	20.06	-44.95	-16.94
52	1	1691	6.39	-10.49	4.21	-8.30	5.66	83.51	-25.10	79.97	-21.56	-19.28
...												
52	98	1719	0.30	-9.57	-3.79	-5.48	4.86	156.16	2.47	155.92	2.72	-6.08
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-144.92	-85.45	-73.20	-73.29		-1139.42	-1139.35	-693.03	-288.51
			104.80		99.32	61.34	90.91	1450.43		1450.13	617.69	198.69

Macro	Tipo	Angolo 1-X (gradi)
53	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
53	1	1674	0.15	-24.26	-9.90	-14.22	12.01	5.58	-47.02	-26.83	-14.60	-25.58
53	1	1684	0.32	-19.95	-13.30	-6.33	9.52	13.16	-42.46	-31.71	2.42	-21.95
53	1	1692	0.58	-11.39	-7.28	-3.53	5.68	103.21	-26.52	-20.71	97.39	-26.85
...												
53	98	1720	-2.06	-12.55	-4.88	-9.73	4.65	214.00	-1.63	-1.63	214.00	0.42
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-144.54	-65.63	-112.12	-61.02		-1189.80	-447.56	-1189.75	-253.09
			137.63		46.30	109.12	80.75	1601.79		402.11	1601.76	156.55

Macro	Tipo	Angolo 1-X (gradi)
54	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
54	1	1701	2.98	-44.89	-18.21	-23.70	-23.78	75.50	36.29	60.69	51.10	19.01
54	1	1705	0.79	-25.41	-10.10	-14.53	-12.91	44.17	15.41	41.44	18.14	8.43
54	1	1713	-4.48	-18.30	-10.94	-11.83	-6.89	21.27	-6.63	12.10	2.54	13.11
...												
54	98	1725	-1.90	-19.04	-10.24	-10.70	-8.57	26.87	-2.39	26.59	-2.11	-2.85
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-115.57	-56.06	-86.95	-82.37		-1276.97	-1276.42	-523.93	-452.65
			75.40		35.95	64.16	49.05	1323.88		1323.87	599.17	468.78

Macro	Tipo	Angolo 1-X (gradi)
55	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
55	1	1701	3.48	-45.22	-24.75	-16.99	-24.04	88.30	33.64	54.62	67.31	26.58
55	1	1706	-3.54	-25.46	-16.98	-12.01	-10.67	55.05	4.18	19.90	39.33	23.50

55	1	1714	-10.93	-19.64	-17.80	-12.77	-3.55	-5.72	-9.97	-8.13	-7.56	2.11
...												
55	98	1726	-6.97	-13.07	-11.25	-8.79	-2.79	23.87	-5.55	23.52	-5.20	-3.19
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-124.49	-57.91	-62.73	-92.42		-1570.68	-419.96	-1567.19	-349.44
			73.26		33.51	42.73	53.20	1544.31		502.00	1540.15	375.16

Macro	Tipo	Angolo 1-X (gradi)
56	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
56	1	281	-7.92	-50.98	-11.92	-46.98	-12.50	78.90	-3.86	3.91	71.13	24.14
56	1	1702	-2.90	-40.85	-15.25	-28.50	17.78	63.12	-42.15	8.14	12.83	-52.58
56	1	1707	-5.94	-28.32	-6.86	-27.39	4.45	80.79	21.97	22.74	80.01	6.71
...												
56	98	1826	-2.97	-24.55	-5.19	-22.33	-6.56	80.67	33.08	34.58	79.17	-8.31
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-156.25	-62.41	-133.46	-94.32		-937.96	-587.83	-823.60	-420.32
			81.50		39.13	49.10	64.03	994.89		643.39	979.86	329.60

Macro	Tipo	Angolo 1-X (gradi)
57	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
57	1	1703	-1.49	-41.58	-25.99	-17.08	19.54	80.84	-17.46	27.77	35.62	-49.00
57	1	1708	-6.80	-27.08	-23.76	-10.11	7.50	52.51	-3.16	13.67	35.69	-25.57
57	1	1716	-7.57	-29.62	-29.41	-7.78	-2.14	-2.20	-19.52	-17.86	-3.86	-5.10
...												
57	98	1728	-4.58	-21.65	-20.37	-5.87	4.51	54.53	-19.00	54.27	-18.73	4.42
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-102.26	-82.97	-53.24	-63.84		-676.45	-301.31	-670.55	-332.55
			78.72		10.39	41.49	67.69	680.66		413.80	673.02	285.47

Macro	Tipo	Angolo 1-X (gradi)
58	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
58	1	285	-10.89	-55.99	-16.44	-50.44	14.82	50.81	-24.32	-12.81	39.30	-27.05
58	1	1704	1.69	-38.24	-13.82	-22.73	-19.46	26.07	-8.53	6.93	10.61	17.20
58	1	1709	-1.40	-25.46	-4.10	-22.76	-7.59	76.07	28.27	71.27	33.07	-14.36
...												
58	98	1832	-1.22	-22.27	-2.23	-21.27	4.48	36.58	1.34	34.42	3.50	8.45
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-117.62	-79.92	-117.51	-43.62		-752.70	-479.26	-713.68	-344.19
			71.75		59.55	42.87	41.62	744.43		535.26	720.06	353.44

Macro	Tipo	Angolo 1-X (gradi)
59	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
59	1	1704	2.96	-38.66	-17.53	-18.18	-20.81	44.46	15.68	24.31	35.83	13.19
59	1	1710	-3.94	-31.30	-25.02	-10.22	-11.51	36.03	-7.50	-2.17	30.70	14.27
59	1	1718	-9.97	-31.51	-31.48	-10.00	-0.76	-38.92	-52.01	-39.52	-51.42	-2.73
...												
59	98	1730	-8.75	-30.95	-26.93	-12.78	-8.56	58.69	-60.95	57.80	-60.06	-10.25
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-130.14	-125.55	-87.54	-52.11		-1236.06	-305.58	-1200.90	-290.00
			84.42		72.11	51.15	37.30	1182.87		338.45	1146.33	341.35

Macro	Tipo	Angolo 1-X (gradi)
60	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
60	1	1703	-0.69	-42.16	-20.84	-22.01	20.73	60.71	-19.49	27.61	13.61	-39.48
60	1	1711	-1.28	-21.24	-9.14	-13.38	9.75	61.28	-10.04	58.41	-7.17	-14.01
60	1	1719	-5.94	-14.51	-7.96	-12.49	3.64	121.09	4.37	119.63	5.83	-12.97
...												
60	98	1731	-0.73	-19.46	-13.13	-7.05	8.86	90.10	-12.52	90.10	-12.52	-0.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-94.47	-80.95	-89.42	-27.82		-1177.03	-1176.57	-365.51	-342.57
			74.36		41.19	74.04	58.02	1362.31		1361.90	386.28	286.02

Macro	Tipo	Angolo 1-X (gradi)
61	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
61	1	1702	-0.31	-41.82	-19.20	-22.93	20.67	55.05	-35.86	8.03	11.16	-45.43
61	1	1712	-4.14	-23.59	-13.61	-14.12	9.72	74.11	-14.97	-12.73	71.87	-13.94
61	1	1720	-10.56	-17.30	-13.98	-13.88	3.37	178.75	-5.19	-5.04	178.60	-5.26
...												
61	98	1732	-2.37	-26.01	-6.90	-21.48	9.30	155.84	6.85	7.26	155.43	7.83
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-116.00	-90.29	-99.21	-40.82		-1272.20	-230.37	-1272.17	-382.34
			75.71		54.84	44.83	61.71	1589.13		238.77	1589.13	265.89

Macro	Tipo	Angolo 1-X (gradi)
62	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
62	1	330	-4.47	-47.30	-17.50	-34.26	-19.71	9.43	3.63	4.68	8.38	2.23
62	1	1721	4.03	-44.97	-17.22	-23.72	-24.28	20.52	-2.65	18.71	-0.84	-6.22
62	1	1725	-8.22	-40.17	-11.20	-37.20	-9.29	11.21	-10.27	-4.62	5.55	-9.46
...												
62	98	1725	-5.86	-32.54	-8.78	-29.62	-8.33	14.42	-6.98e-02	8.78	5.58	-7.07
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-115.55	-74.66	-78.74	-89.72		-924.17	-922.91	-62.07	-344.82
			104.86		42.59	18.04	59.05	935.54		935.16	74.58	340.21

Macro	Tipo	Angolo 1-X (gradi)
63	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
63	1	330	2.85	-46.78	-46.77	2.84	0.54	28.31	0.48	0.48	28.31	7.25e-02
63	1	1721	-2.40	-35.05	-31.31	-6.14	-10.40	8.58	4.16	8.53	4.20	0.45
63	1	1726	-8.29	-39.78	-39.29	-8.78	3.87	17.20	-2.36	14.90	-5.42e-02	-6.30
...												
63	98	1726	-6.94	-31.36	-31.09	-7.21	2.55	19.39	10.03	13.19	16.23	-4.42
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-103.41	-98.46	-50.01	-42.39		-1542.16	-86.25	-1539.54	-247.65
			54.75		22.40	50.76	35.04	1559.08		93.62	1557.19	252.74

Macro	Tipo	Angolo 1-X (gradi)
64	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
64	1	210	3.25	-58.49	3.21	-58.46	-1.38	-22.87	-38.34	-24.56	-36.65	4.82
64	1	281	-4.99	-44.54	-10.81	-38.72	-14.01	59.49	-37.86	-9.23	30.85	44.36
64	1	1722	-8.07	-41.88	-11.71	-38.24	10.48	64.89	-64.95	-32.60	32.55	-56.15
...												
64	98	1727	-6.08	-34.96	-6.13	-34.91	-1.16	66.20	33.49	65.26	34.43	-5.46
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-120.06	-48.53	-119.55	-58.51		-590.43	-438.65	-215.59	-296.79
			71.55		31.13	52.81	49.56	526.65		418.27	271.42	303.72

Macro	Tipo	Angolo 1-X (gradi)
65	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
65	1	430	6.62	-37.58	-34.41	3.45	11.40	-5.12	-16.72	-7.61	-14.23	-4.76
65	1	1723	-6.31	-44.29	-41.78	-8.82	9.43	31.67	6.51	28.44	9.74	-8.42
65	1	1728	-8.14	-47.05	-47.04	-8.15	-0.76	41.30	-43.38	36.20	-38.29	20.14
...												
65	98	1728	-5.75	-40.52	-40.47	-5.80	-1.37	30.80	-34.10	26.93	-30.23	15.37
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-114.15	-98.16	-28.06	-67.62		-467.67	-225.53	-467.26	-179.34
			63.07		27.31	18.46	64.76	462.89		282.15	407.16	164.79

Macro	Tipo	Angolo 1-X (gradi)
66	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
66	1	285	-0.58	-58.18	-16.41	-42.36	25.71	66.13	-67.62	-26.66	25.18	-61.65
66	1	569	5.18	-108.79	5.00	-108.61	4.51	6.08	-50.18	-49.92	5.82	-3.82
66	1	1724	6.27	-47.72	-13.20	-28.26	-25.92	64.01	-20.03	25.26	18.72	41.89
...												
66	98	1729	-4.00	-34.37	-4.05	-34.31	-1.34	89.61	29.88	89.41	30.08	3.45
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-141.61	-81.08	-123.14	-55.19		-450.17	-309.47	-110.17	-231.36
			64.81		61.43	51.29	49.29	431.14		342.77	119.42	251.88

Macro	Tipo	Angolo 1-X (gradi)
67	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
67	1	569	18.12	-104.40	-79.78	-6.49	-49.09	39.62	-12.77	39.26	-12.41	4.32
67	1	1724	-11.47	-51.88	-38.36	-24.98	-19.06	0.20	-4.59	0.15	-4.54	0.49
67	1	1730	-15.67	-54.50	-54.46	-15.71	-1.27	-1.32	-136.43	-4.13	-133.62	-19.28
...												
67	98	1730	-12.27	-45.18	-45.11	-12.34	-1.55	-5.91	-94.44	-8.44	-91.91	-14.75
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-140.49	-123.90	-79.94	-57.17		-437.97	-113.92	-366.34	-234.76
			60.42		59.93	39.10	16.94	429.65		181.98	306.06	234.96

Macro	Tipo	Angolo 1-X (gradi)
68	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
68	1	430	-2.55	-41.03	-7.31	-36.27	12.67	5.44	-24.56	-24.28	5.16	-2.90
68	1	1723	4.50	-56.52	-21.54	-30.49	30.18	32.98	-7.33	21.37	4.27	-18.25
68	1	1731	-7.81	-37.11	-12.15	-32.77	10.42	41.41	6.28	41.41	6.28	0.41
...												
68	98	1731	-5.14	-30.88	-9.77	-26.25	9.88	36.46	5.59	36.45	5.61	0.57
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-117.12	-75.62	-77.98	-61.25		-970.87	-966.20	-129.30	-236.90
			60.18		42.58	26.95	81.55	1048.27		1044.03	135.55	208.06

Macro	Tipo	Angolo 1-X (gradi)
69	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
69	1	210	8.09	-56.22	-42.75	-5.38	26.17	28.87	11.16	16.32	23.71	8.05
69	1	1722	-1.38	-56.99	-27.30	-31.07	27.74	11.58	-77.84	-4.11	-62.15	-34.01
69	1	1732	-14.98	-39.68	-35.27	-19.39	9.46	74.49	-6.98	-6.86	74.37	3.12
...												
69	98	1732	-10.69	-32.94	-27.41	-16.22	9.62	74.70	-6.86	-6.80	74.64	2.18
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-154.14	-76.84	-90.40	-28.96		-950.59	-127.97	-950.59	-261.18
			57.13		30.75	38.92	78.63	1091.82		154.73	1091.81	205.10

Macro	Tipo	Angolo 1-X (gradi)
70	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
70	1	1737	-4.21	-18.66	-8.35	-14.52	-6.54	-99.18	-121.93	-105.85	-115.26	10.36
70	1	1738	-8.10	-19.97	-8.23	-19.84	-1.22	-135.49	-153.18	-139.98	-148.69	-7.70
70	1	1740	-9.19	-16.45	-9.63	-16.01	-1.74	-109.89	-120.74	-119.66	-110.97	-3.25
...												
70	98	1785	5.25	-1.94	0.90	2.41	-3.51	293.36	-8.20	-8.17	293.33	2.91
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-90.34	-48.68	-84.01	-68.13		-819.96	-395.01	-815.98	-273.42
			92.50		35.31	87.69	56.72	736.00		238.80	735.86	291.60

Macro	Tipo	Angolo 1-X (gradi)
71	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
71	1	1738	-7.53	-20.35	-7.72	-20.16	-1.57	-142.63	-145.15	-145.01	-142.77	-0.57
71	1	1743	-8.15	-17.37	-8.16	-17.36	-0.33	-110.09	-198.24	-127.75	-180.59	-35.28
71	1	1744	-10.79	-20.81	-10.88	-20.73	-0.92	-115.57	-160.38	-115.70	-160.26	-2.35
...												
71	98	3664	-2.73	-9.64	-9.64	-2.74	-0.17	-22.51	-33.38	-32.98	-22.91	2.05
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-153.72	-140.97	-115.79	-69.49		-1714.66	-437.83	-1714.54	-334.47
			134.92		121.12	96.46	71.72	1797.51		235.18	1797.37	329.81

Macro	Tipo	Angolo 1-X (gradi)
72	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
72	1	1738	-7.60	-20.82	-7.60	-20.82	-0.20	-141.41	-169.19	-151.82	-158.77	-13.45
72	1	1744	-10.64	-21.24	-10.95	-20.93	-1.79	-112.61	-158.50	-112.85	-158.26	-3.32
72	1	1745	-7.20	-17.02	-7.60	-16.62	-1.93	-111.24	-171.48	-119.57	-163.14	20.80
...												
72	98	3664	-2.68	-9.63	-9.63	-2.68	-0.12	-23.40	-31.51	-31.24	-23.68	-1.47
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-148.42	-140.94	-116.06	-54.18		-1836.69	-336.72	-1836.15	-245.03
			131.82		121.12	95.96	53.49	1913.97		212.63	1913.74	279.65

Macro	Tipo	Angolo 1-X (gradi)
73	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
73	1	1738	-7.49	-21.01	-7.87	-20.64	-2.21	-127.67	-142.78	-138.17	-132.27	-6.96
73	1	1740	-9.68	-16.38	-9.77	-16.29	-0.77	-114.29	-120.99	-119.63	-115.65	-2.70
73	1	1741	-6.36	-15.35	-7.75	-13.96	3.24	-99.42	-152.06	-114.79	-136.69	-23.93
...												
73	98	1793	3.68	0.31	0.33	3.66	-0.27	303.98	-7.63	-7.61	303.96	-2.47
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-89.20	-49.66	-78.32	-59.24		-817.40	-385.79	-814.40	-258.38
			88.42		33.87	86.14	61.78	853.64		229.74	853.58	245.97

Macro	Tipo	Angolo 1-X (gradi)
74	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
74	1	1737	-3.61	-20.86	-7.93	-16.53	-7.47	-67.02	-80.31	-78.15	-69.18	4.90
74	1	1749	-0.98	-19.03	-10.93	-9.08	-8.97	-37.65	-83.86	-79.27	-42.24	13.82

74	1	1761	1.45	-15.70	-9.94	-4.32	-8.10	24.94	-67.72	-58.61	15.82	27.59
...												
74	98	1815	3.52	-7.16	-9.23e-02	-3.55	-5.05	231.90	-4.59	-4.55	231.86	2.93
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-105.71	-42.29	-83.51	-87.26		-1183.56	-603.08	-1070.65	-211.63
			90.79		29.13	88.00	66.42	1077.87		583.67	996.54	268.17

Macro	Tipo	Angolo 1-X (gradi)
75	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
75	1	1741	-7.41	-15.81	-9.16	-14.06	3.41	-60.43	-111.50	-74.22	-97.72	-22.67
75	1	1751	0.18	-20.36	-2.88	-17.31	7.31	-25.24	-89.79	-25.64	-89.39	-5.10
75	1	1763	3.64	-18.32	2.33	-17.01	5.19	40.81	-77.14	40.71	-77.04	-3.40
...												
75	98	1927	2.07	-16.17	1.12	-15.22	-4.05	56.46	7.06	56.46	7.06	0.34
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-179.11	-44.08	-92.11	-123.45		-1311.20	-738.79	-1310.53	-205.14
			137.50		39.69	64.52	103.01	1316.84		670.42	1315.65	233.88

Macro	Tipo	Angolo 1-X (gradi)
76	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
76	1	1743	-6.97	-18.58	-6.98	-18.58	-0.26	-98.52	-132.43	-117.45	-113.49	-16.84
76	1	1753	-9.83	-18.57	-13.08	-15.31	4.22	-84.57	-128.55	-87.72	-125.39	-11.35
76	1	1765	-7.59	-17.67	-14.56	-10.71	4.66	-40.19	-77.62	-67.19	-50.61	-16.78
...												
76	98	3655	-1.57	-10.90	-10.76	-1.72	1.15	-11.27	-30.94	-28.92	-13.29	-5.97
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-161.76	-127.74	-82.40	-85.48		-1383.52	-682.33	-1383.42	-515.08
			142.13		104.30	71.18	89.25	1456.02		559.13	1455.82	524.10

Macro	Tipo	Angolo 1-X (gradi)
77	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
77	1	1745	-8.36	-16.89	-8.81	-16.44	-1.90	-84.09	-142.60	-103.34	-123.35	27.50
77	1	1754	-1.23	-18.41	-2.68	-16.96	-4.77	-24.08	-119.93	-24.08	-119.92	-0.85
77	1	1766	3.79	-16.16	3.06	-15.43	-3.74	52.93	-112.24	52.91	-112.21	-2.14
...												
77	98	1933	2.97	-13.59	2.36	-12.97	3.12	69.12	-60.50	69.03	-60.41	3.33
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-126.87	-47.96	-60.72	-96.22		-1380.51	-679.03	-1378.74	-359.25
			96.69		46.27	33.20	96.52	1260.67		542.63	1258.45	298.50

Macro	Tipo	Angolo 1-X (gradi)
78	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
78	1	1745	-5.25	-18.77	-5.63	-18.40	-2.23	-100.62	-115.15	-109.39	-106.38	7.10
78	1	1755	-7.14	-21.40	-13.53	-15.01	-7.10	-73.85	-113.75	-77.28	-110.32	11.18
78	1	1767	-5.40	-20.20	-14.76	-10.84	-7.13	-30.62	-76.88	-65.60	-41.91	19.86
...												
78	98	1819	-5.04	-8.03	-7.62	-5.45	-1.02	116.26	-29.16	-28.97	116.07	5.29
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-127.42	-113.51	-109.29	-56.64		-3601.91	-452.34	-3592.71	-345.47
			110.67		97.13	100.86	53.17	3888.92		364.58	3880.50	355.67

Macro	Tipo	Angolo 1-X (gradi)
79	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
79	1	1741	-4.85	-17.11	-6.10	-15.86	3.71	-74.81	-103.06	-95.08	-82.79	-12.72
79	1	1757	-4.20	-17.25	-12.06	-9.39	6.39	-58.32	-88.70	-81.21	-65.81	-13.09
79	1	1769	-1.38	-12.99	-10.45	-3.93	4.80	10.74	-65.37	-59.49	4.86	-20.33
...												
79	98	1821	0.62	-3.16	-1.48	-1.07	1.88	263.92	-1.86	-1.80	263.86	-3.91
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-128.20	-52.88	-53.35	-69.48		-920.31	-461.50	-891.22	-146.81
			90.21		37.05	57.03	78.25	1088.52		385.17	1088.51	80.23

Macro	Tipo	Angolo 1-X (gradi)
80	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
80	1	1794	2.54	-34.69	-14.45	-17.71	-18.54	46.88	6.84	18.75	34.97	18.31
80	1	1799	2.49	-23.63	-12.52	-8.62	-12.91	44.89	-28.26	-15.86	32.49	27.45
80	1	1807	2.44	-16.74	-7.93	-6.37	-9.56	90.66	-24.71	-13.34	79.29	34.39
...												
80	98	1835	-1.33	-16.80	-6.30	-11.83	-7.23	139.77	6.24	6.26	139.75	-1.51
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-142.84	-66.37	-62.79	-105.99		-1075.86	-588.31	-1054.30	-180.01
			81.88		32.72	55.99	75.52	1311.14		625.10	1310.24	242.63

Macro	Tipo	Angolo 1-X (gradi)
81	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
81	1	1795	-0.45	-28.98	-11.25	-18.18	13.83	24.00	-42.91	6.69	-25.60	-29.30
81	1	1800	1.44	-24.97	-2.29	-21.25	9.19	12.44	-8.34	8.84	-4.74	-7.86
81	1	1808	1.19	-20.82	0.54	-20.17	3.73	59.20	4.28	59.07	4.42	2.74
...												
81	98	1947	-2.13	-23.64	-3.91	-21.87	-5.92	66.37	58.05	58.06	66.36	0.27
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-204.42	-54.64	-151.04	-129.68		-1380.85	-926.86	-1379.00	-238.92
			155.81		32.87	104.55	105.57	1392.36		952.62	1391.23	210.28

Macro	Tipo	Angolo 1-X (gradi)
82	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
82	1	1796	-3.42	-23.01	-9.82	-16.60	9.19	-16.88	-74.93	-46.89	-44.92	-29.01
82	1	1801	-3.16	-23.11	-15.98	-10.28	9.56	-21.79	-60.89	-42.40	-40.28	-19.52
82	1	1809	-3.64	-19.32	-15.64	-7.32	6.64	41.75	-49.62	-39.91	32.05	-28.15
...												
82	98	1837	-6.04	-18.38	-17.65	-6.77	2.90	49.71	-1.92	-1.80	49.59	-2.54
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-138.96	-99.22	-94.61	-85.49		-2494.33	-675.30	-2197.60	-855.24
			103.32		74.58	69.07	99.86	2691.66		593.43	2410.14	877.35

Macro	Tipo	Angolo 1-X (gradi)
83	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
83	1	1797	-1.44	-24.78	-9.30	-16.92	-11.03	-20.20	-80.80	-37.12	-63.88	27.18
83	1	1802	2.73	-21.80	-0.50	-18.57	-8.30	25.59	-62.91	25.58	-62.91	0.78
83	1	1810	3.16	-18.12	2.45	-17.41	-3.83	88.01	-65.32	87.84	-65.15	-5.11
...												
83	98	1953	-0.84	-21.62	-3.16	-19.30	6.55	59.08	6.91	58.74	7.25	4.21
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-153.31	-49.20	-106.23	-86.56		-1469.43	-1046.68	-1469.41	-206.21
			118.12		41.82	70.91	101.06	1344.16		954.00	1344.08	237.68

Macro	Tipo	Angolo 1-X (gradi)
84	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
84	1	1797	-5.01e-02	-24.48	-8.54	-15.99	-11.63	-7.46	-48.91	-30.18	-26.19	20.63
84	1	1803	-1.37	-25.89	-17.15	-10.11	-11.74	-9.31	-47.07	-27.34	-29.03	18.86
84	1	1811	-3.15	-21.59	-16.53	-8.21	-8.23	33.27	-49.88	-39.68	23.08	27.27
...												
84	98	1839	-6.17	-18.74	-17.39	-7.52	-3.89	22.34	1.64	2.46	21.52	4.06
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-117.55	-116.06	-105.78	-75.10		-3757.27	-515.65	-3459.46	-1118.52
			89.82		89.77	77.73	56.69	3860.88		461.13	3571.41	1108.98

Macro	Tipo	Angolo 1-X (gradi)
85	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
85	1	1795	0.87	-28.05	-11.44	-15.73	14.30	23.75	-30.43	-9.86	3.18	-26.29
85	1	1805	0.28	-22.21	-14.42	-7.51	10.70	21.26	-30.11	-16.40	7.55	-22.72
85	1	1813	-9.71e-02	-13.61	-8.84	-4.87	6.46	98.61	-19.64	-13.87	92.83	-25.49
...												
85	98	1841	-3.56	-13.23	-7.60	-9.19	4.77	198.17	9.14	9.14	198.17	0.60
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-166.95	-79.89	-118.25	-74.80		-793.68	-462.48	-793.47	-215.27
			105.79		47.44	82.35	97.59	1166.01		441.95	1165.84	123.75

Macro	Tipo	Angolo 1-X (gradi)
86	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
86	1	281	-12.16	-50.02	-33.58	-28.61	-18.76	52.44	-47.65	25.71	-20.93	44.28
86	1	1782	-5.72	-30.57	-12.80	-23.50	-11.21	53.66	7.77	11.45	49.98	-12.47
86	1	1822	1.01	-49.02	-22.95	-25.05	-24.99	79.03	16.67	39.86	55.83	30.14
...												
86	98	1835	-5.52	-18.18	-10.03	-13.67	-6.06	77.25	-5.16	-5.09	77.19	2.27
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-160.60	-73.79	-81.49	-99.15		-1366.30	-440.73	-1366.04	-267.72
			81.20		40.87	34.08	57.73	1482.24		501.45	1481.17	340.46

Macro	Tipo	Angolo 1-X (gradi)
87	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
87	1	282	-10.38	-51.67	-14.11	-47.94	11.84	73.87	-53.60	-39.56	59.83	-39.90
87	1	1783	-12.09	-31.48	-12.13	-31.43	-0.90	155.25	100.79	105.90	150.14	15.88
87	1	1823	-2.78	-43.88	-16.87	-29.80	19.51	68.43	-39.03	12.47	16.94	-53.68
...												
87	98	1836	-5.27	-24.98	-5.90	-24.36	-3.45	52.12	47.37	47.37	52.11	0.19
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-167.11	-60.26	-157.53	-46.88		-806.58	-377.69	-806.00	-305.59
			96.18		33.98	79.24	70.35	908.90		377.35	908.32	237.42

Macro	Tipo	Angolo 1-X (gradi)
88	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
88	1	285	-13.24	-55.64	-44.49	-24.40	18.67	58.58	-67.98	32.27	-41.68	-51.35
88	1	1792	-12.76	-36.27	-32.17	-16.86	8.92	73.57	-35.52	73.34	-35.29	5.03
88	1	1824	-1.34	-37.71	-18.45	-20.60	18.15	32.56	-34.57	-3.97	1.96	-33.44
...												
88	98	1837	-7.78	-23.67	-23.63	-7.82	0.78	8.77	-29.95	-29.95	8.77	0.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-112.56	-82.05	-66.97	-40.44		-722.17	-185.64	-676.40	-420.07
			54.55		32.89	47.59	70.16	705.17		276.25	641.91	421.20

Macro	Tipo	Angolo 1-X (gradi)
89	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
89	1	287	-11.02	-58.65	-15.92	-53.75	-14.47	57.35	12.88	19.14	51.09	15.47
89	1	1814	-11.72	-31.60	-11.74	-31.58	0.63	129.01	124.70	128.48	125.23	1.41
89	1	1825	1.36	-37.41	-14.92	-21.13	-19.13	19.47	-34.11	-7.48	-7.16	26.79
...												
89	98	1953	-2.00	-22.86	-3.92	-20.94	6.03	34.50	9.85	32.78	11.57	6.28
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-121.52	-55.66	-117.36	-56.18		-1068.02	-461.66	-1060.21	-171.58
		62.76		33.08	60.08	44.23	1088.61		424.54	1078.02	213.07

Macro	Tipo	Angolo 1-X (gradi)
90	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
90	1	287	-14.15	-57.37	-45.21	-26.30	-19.43	83.89	-19.54	71.76	-7.42	33.27
90	1	1820	-12.19	-39.39	-33.98	-17.60	-10.86	105.10	-63.24	105.09	-63.24	-1.01
90	1	1825	1.26	-37.95	-17.32	-19.37	-19.57	26.57	-10.00	2.76	13.82	17.43
...												
90	98	1839	-8.21	-25.91	-25.73	-8.39	-1.79	-26.00	-37.69	-36.11	-27.58	3.99
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-116.09	-113.48	-111.29	-55.50		-1732.43	-319.56	-1598.42	-505.16
			72.27		58.00	68.39	32.42	1649.29		414.02	1518.77	512.42

Macro	Tipo	Angolo 1-X (gradi)
91	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
91	1	282	-14.76	-50.11	-32.96	-31.91	17.67	41.20	-93.54	7.36	-59.70	-58.43
91	1	1823	-0.37	-44.58	-21.48	-23.48	22.08	63.22	-25.95	19.95	17.32	-44.57
91	1	1833	-4.74	-26.62	-16.46	-14.89	10.91	65.95	2.43	4.16	64.22	-10.34
...												
91	98	1841	-7.51	-15.02	-12.07	-10.47	3.67	152.16	3.45	3.49	152.12	-2.47
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-173.25	-79.65	-130.45	-46.44		-844.91	-171.70	-844.87	-335.52
			101.39		44.09	77.89	82.66	1127.07		199.72	1127.07	240.36

Macro	Tipo	Angolo 1-X (gradi)
92	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
92	1	210	9.25	-47.38	-36.21	-1.92	-22.54	23.83	16.65	22.26	18.22	2.97
92	1	281	-4.08	-52.39	-27.79	-28.68	-24.15	-6.29	-42.80	-10.10	-38.99	11.15
92	1	1782	-16.11	-41.79	-36.48	-21.41	-10.40	10.61	-1.79	3.55	5.27	-6.14
...												
92	98	1782	-11.18	-34.80	-27.95	-18.04	-10.72	23.16	1.15	1.66	22.65	-3.31
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-119.35	-70.96	-77.55	-65.83		-1122.50	-118.92	-1115.03	-217.40
			39.02		12.10	30.15	23.58	1151.10		154.16	1145.01	236.99

Macro	Tipo	Angolo 1-X (gradi)
93	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
93	1	260	1.18	-63.11	1.14	-63.07	1.59	-13.31	-22.40	-21.20	-14.51	-3.08
93	1	282	-8.16	-41.30	-12.14	-37.32	10.77	34.66	-69.05	-38.06	3.66	-47.47

93	1	1783	-8.76	-45.06	-9.60	-44.23	-5.43	98.84	25.87	93.32	31.39	19.30
...												
93	98	1783	-6.45	-40.51	-7.25	-39.71	-5.15	76.88	26.06	70.78	32.16	16.52
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-121.11	-31.19	-120.55	-49.33		-481.19	-297.60	-78.01	-314.05
			66.01		23.34	55.68	48.62	367.03		348.50	99.01	236.47

Macro	Tipo	Angolo 1-X (gradi)
94	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
94	1	285	-13.90	-55.61	-40.86	-28.65	19.94	8.79	-53.60	-4.40	-40.40	-25.48
94	1	569	17.19	-92.23	-68.60	-6.44	45.03	43.48	-32.10	43.13	-31.75	-5.12
94	1	1792	-17.37	-56.17	-56.14	-17.39	0.96	-3.06	-85.97	-3.43	-85.60	5.50
...												
94	98	1792	-13.59	-46.68	-46.63	-13.64	1.27	-8.12	-56.42	-8.24	-56.30	2.44
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-107.20	-92.50	-35.94	-6.27		-475.47	-206.49	-421.46	-239.05
			36.60		24.54	22.46	52.59	358.63		284.89	295.00	198.96

Macro	Tipo	Angolo 1-X (gradi)
95	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
95	1	287	-3.07	-51.10	-14.70	-39.47	-20.57	54.33	-34.92	1.08	18.33	43.78
95	1	289	7.67	-109.67	7.36	-109.36	6.05	20.98	-55.93	-55.35	20.40	-6.64
95	1	1814	-9.21	-42.14	-9.31	-42.03	-1.85	107.00	27.15	106.30	27.85	7.43
...												
95	98	1844	-1.33	-48.77	-12.67	-37.42	20.24	48.81	-43.55	-12.86	18.13	-43.50
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-126.58	-57.42	-126.24	-61.68		-374.76	-306.14	-157.87	-152.38
			48.70		34.96	16.93	51.93	333.67		306.80	191.35	184.25

Macro	Tipo	Angolo 1-X (gradi)
96	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
96	1	287	-10.18	-57.13	-39.21	-28.10	-22.81	28.79	-8.28	22.14	-1.64	14.22
96	1	289	17.12	-108.23	-86.03	-5.08	-47.86	14.08	-10.80	13.70	-10.42	3.07
96	1	1820	-17.33	-56.18	-56.18	-17.33	-0.22	16.98	-109.66	16.92	-109.60	-2.75
...												
96	98	1820	-13.64	-47.05	-47.04	-13.65	-0.57	8.71	-78.03	8.68	-78.00	-1.61
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-125.44	-108.61	-90.17	-56.10		-489.13	-98.89	-483.87	-130.83
			44.77		37.96	44.25	14.64	394.67		131.01	358.60	152.61

Macro	Tipo	Angolo 1-X (gradi)
97	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
97	1	260	4.06	-60.44	-45.66	-10.72	27.11	32.34	26.00	32.34	26.00	0.20
97	1	282	-2.09	-56.02	-27.73	-30.38	26.93	-6.42	-93.77	-18.24	-81.94	-29.89
97	1	1840	-14.35	-44.60	-39.04	-19.92	11.72	96.71	-12.98	-12.67	96.39	5.86
...												
97	98	1840	-10.15	-36.40	-30.44	-16.11	11.00	103.68	-11.12	-10.97	103.53	4.12
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-170.22	-84.91	-123.36	-36.56		-615.40	-65.58	-615.37	-192.64
			82.48		28.63	73.42	75.10	806.42		115.67	806.21	141.68

Macro	Tipo	Angolo 1-X (gradi)
98	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
98	1	1858	-5.62	-18.19	-8.56	-15.26	-5.32	-103.03	-130.92	-111.53	-122.43	12.83
98	1	1859	-8.86	-20.54	-8.88	-20.51	-0.50	-137.94	-140.74	-138.01	-140.67	0.43
98	1	1861	-9.68	-16.92	-9.70	-16.90	-0.34	-109.46	-120.97	-120.29	-110.14	-2.71
...												
98	98	1906	3.95	-0.17	0.95	2.82	-1.84	300.79	-7.47	-7.45	300.78	1.92
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-134.41	-34.67	-90.08	-106.69		-978.79	-344.99	-961.67	-191.26
			132.63		23.88	96.30	98.26	883.76		187.73	872.22	212.24

Macro	Tipo	Angolo 1-X (gradi)
99	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
99	1	1859	-8.08	-20.58	-8.10	-20.55	-0.52	-141.62	-149.04	-143.58	-147.08	3.27
99	1	1864	-8.50	-17.97	-8.55	-17.91	0.72	-112.44	-178.82	-124.13	-167.13	-25.28
99	1	1865	-11.55	-21.36	-11.55	-21.35	0.22	-111.13	-156.64	-111.25	-156.51	2.39
...												
99	98	3604	-2.59	-9.23	-9.23	-2.60	0.14	-13.16	-31.56	-31.32	-13.40	2.08
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-172.54	-154.45	-127.85	-87.23		-2043.00	-474.39	-2042.44	-324.74
			153.85		135.46	106.47	88.24	2103.41		276.59	2103.28	313.98

Macro	Tipo	Angolo 1-X (gradi)
100	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
100	1	1859	-7.99	-21.42	-8.04	-21.37	0.85	-137.34	-151.70	-147.41	-141.63	-6.57
100	1	1865	-11.52	-21.55	-11.58	-21.49	-0.75	-110.01	-157.77	-110.05	-157.73	-1.25
100	1	1866	-8.15	-17.67	-8.20	-17.62	-0.72	-111.84	-182.72	-122.67	-171.89	25.50
...												
100	98	3604	-2.51	-9.20	-9.19	-2.51	0.20	-18.26	-29.47	-29.19	-18.54	-1.75
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-164.23	-155.09	-127.76	-47.37		-2029.45	-361.76	-2028.62	-284.33
			147.42		136.17	106.37	47.28	2088.76		220.14	2088.25	274.01

Macro	Tipo	Angolo 1-X (gradi)
101	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
101	1	1859	-8.03	-21.07	-8.16	-20.95	-1.27	-132.12	-139.71	-137.87	-133.97	-3.26
101	1	1861	-9.80	-16.77	-9.83	-16.74	0.46	-110.73	-119.78	-119.34	-111.18	-1.96
101	1	1862	-6.19	-16.58	-8.46	-14.31	4.29	-100.44	-141.42	-114.62	-127.23	-19.49
...												
101	98	1914	3.17	2.12e-02	1.00	2.19	1.46	300.56	-7.03	-7.00	300.53	-3.09
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-147.61	-36.19	-120.14	-65.99		-858.95	-364.05	-852.52	-359.38
			146.96		27.50	123.41	65.76	1257.03		205.79	1256.88	354.40

Macro	Tipo	Angolo 1-X (gradi)
102	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
102	1	1858	-5.07	-19.85	-8.00	-16.91	-5.90	-71.62	-91.82	-86.60	-76.84	8.84
102	1	1870	-2.76	-18.22	-11.01	-9.97	-7.71	-48.27	-87.81	-83.27	-52.80	12.60
102	1	1882	-0.11	-14.71	-9.85	-4.98	-6.88	16.81	-66.54	-59.65	9.92	22.95
...												
102	98	1936	2.15	-5.17	-0.43	-2.59	-3.50	251.66	-5.56	-5.55	251.65	1.48
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-184.83	-48.45	-75.96	-124.91		-1272.14	-756.25	-1221.85	-155.59
			142.18		30.83	55.19	115.48	1145.43		712.43	1120.74	190.17

Macro	Tipo	Angolo 1-X (gradi)
103	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
103	1	1862	-7.24	-17.59	-9.97	-14.85	4.57	-53.03	-98.03	-65.81	-85.26	-20.29
103	1	1872	0.73	-22.39	-2.84	-18.82	8.35	-26.94	-65.97	-26.98	-65.93	-1.22
103	1	1884	3.77	-18.92	2.29	-17.44	5.61	44.59	-55.85	44.22	-55.48	-6.05
...												
103	98	2032	1.61	-17.22	0.88	-16.50	-3.63	62.88	22.98	62.45	23.41	-4.09
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-134.66	-36.95	-109.52	-100.59		-1327.66	-714.58	-1252.57	-308.17
			114.86		29.69	78.80	79.69	1259.06		648.57	1257.33	337.44

Macro	Tipo	Angolo 1-X (gradi)
104	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
104	1	1864	-7.20	-19.08	-7.25	-19.03	0.76	-98.65	-131.65	-115.12	-115.18	-16.50
104	1	1874	-9.37	-20.26	-13.92	-15.70	5.37	-78.06	-120.83	-79.07	-119.82	-6.50
104	1	1886	-7.51	-19.38	-15.53	-11.35	5.55	-37.37	-77.64	-69.76	-45.25	-15.98
...												
104	98	3591	-1.28	-10.67	-10.52	-1.43	1.17	-9.40	-28.22	-26.70	-10.92	-5.12
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-180.32	-144.60	-109.20	-98.71		-1828.07	-745.45	-1825.58	-614.21
			160.80		121.92	93.67	99.78	1876.41		628.93	1875.74	619.74

Macro	Tipo	Angolo 1-X (gradi)
105	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
105	1	1866	-9.47	-17.45	-9.54	-17.37	-0.77	-79.68	-151.62	-103.04	-128.26	33.69
105	1	1875	-2.55	-18.42	-3.49	-17.48	-3.75	-27.17	-123.62	-27.17	-123.62	0.27
105	1	1887	2.78	-16.06	2.31	-15.60	-2.92	52.49	-112.44	52.47	-112.42	-1.51
...												
105	98	2038	2.76	-13.53	2.15	-12.92	3.09	72.72	-63.57	72.59	-63.44	4.25
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-132.92	-39.77	-92.06	-67.60		-1471.10	-708.66	-1470.10	-216.18
			100.28		33.57	63.83	76.87	1334.01		565.22	1333.14	263.52

Macro	Tipo	Angolo 1-X (gradi)
106	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
106	1	1866	-6.33	-19.56	-6.43	-19.47	-1.09	-97.12	-124.58	-114.28	-107.43	13.29
106	1	1876	-9.15	-21.20	-14.25	-16.10	-5.96	-74.45	-122.37	-77.83	-118.99	12.27
106	1	1888	-7.23	-20.05	-15.63	-11.65	-6.09	-36.99	-76.98	-64.62	-49.35	18.48
...												
106	98	1940	-5.32	-8.10	-7.90	-5.52	-0.71	114.75	-28.70	-28.39	114.44	6.68
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-139.16	-123.85	-101.43	-53.81		-3908.16	-512.77	-3889.76	-400.10
			115.98		105.65	91.94	47.80	4168.77		383.00	4152.19	413.04

Macro	Tipo	Angolo 1-X (gradi)
107	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
107	1	1862	-4.78	-18.48	-7.09	-16.16	5.14	-68.94	-100.56	-93.44	-76.06	-13.20
107	1	1878	-3.20	-18.25	-11.82	-9.64	7.45	-36.65	-91.72	-84.35	-44.02	-18.75
107	1	1890	-0.81	-14.41	-10.55	-4.67	6.13	17.73	-72.35	-68.58	13.97	-18.02
...												
107	98	1942	1.91	-5.79	-0.32	-3.56	3.49	247.80	-1.77	-1.72	247.75	-3.64
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-145.41	-45.50	-117.79	-53.57		-1036.15	-332.85	-939.80	-265.98
			141.42		38.35	121.72	60.59	1364.88		258.60	1364.67	201.51

Macro	Tipo	Angolo 1-X (gradi)
108	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
108	1	1915	1.05	-32.47	-13.64	-17.78	-16.63	34.53	-10.85	4.79	18.90	21.56
108	1	1920	1.19	-22.74	-12.38	-9.18	-11.86	32.61	-32.63	-21.03	21.01	24.95
108	1	1928	1.38	-15.82	-7.72	-6.72	-8.58	93.00	-23.84	-15.39	84.55	30.25
...												
108	98	1956	-1.86	-15.64	-6.12	-11.39	-6.37	164.48	0.75	0.78	164.45	1.86
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-219.97	-75.88	-142.32	-151.07		-1025.61	-746.09	-954.60	-122.17
		167.83		44.29	106.49	124.41	1049.70		750.18	1049.69	183.40

Macro	Tipo	Angolo 1-X (gradi)
109	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
109	1	1916	-0.43	-31.66	-12.21	-19.89	15.13	41.95	-31.50	16.70	-6.24	-34.89
109	1	1921	1.52	-26.25	-2.20	-22.53	9.45	19.04	14.57	14.73	18.89	-0.82
109	1	1929	1.10	-21.35	0.45	-20.70	3.76	64.84	21.97	64.51	22.30	-3.73
...												
109	98	2052	-2.99	-24.42	-4.57	-22.84	-5.61	74.21	56.36	57.51	73.06	-4.39
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-169.89	-65.81	-99.82	-112.55		-1358.57	-905.76	-1358.10	-231.78
			106.05		43.75	49.86	89.08	1450.64		931.66	1449.49	280.76

Macro	Tipo	Angolo 1-X (gradi)
110	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
110	1	1917	-3.10	-24.28	-10.45	-16.93	10.08	-15.29	-75.20	-46.89	-43.60	-29.91
110	1	1922	-2.90	-24.59	-17.04	-10.45	10.34	-22.57	-48.56	-29.72	-41.42	-11.61
110	1	1930	-3.75	-21.07	-17.05	-7.76	7.31	33.04	-51.94	-43.64	24.75	-25.22
...												
110	98	1958	-5.27	-19.31	-18.26	-6.31	3.69	34.98	1.50	2.16	34.32	-4.67
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-159.79	-107.38	-112.43	-101.87		-3608.02	-783.66	-3250.78	-1123.51
			122.49		80.14	87.76	117.71	3726.21		701.84	3383.15	1131.15

Macro	Tipo	Angolo 1-X (gradi)
111	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
111	1	1918	-2.92	-23.86	-9.90	-16.88	-9.87	-24.59	-96.81	-45.32	-76.08	32.67
111	1	1923	1.59	-21.44	-1.25	-18.60	-7.58	24.14	-75.87	24.11	-75.84	1.72
111	1	1931	2.26	-18.06	1.76	-17.56	-3.13	88.13	-72.34	88.05	-72.26	-3.60
...												
111	98	2058	-0.75	-21.05	-3.17	-18.63	6.59	67.72	-13.53	67.26	-13.06	6.12
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-150.77	-35.95	-132.24	-66.51		-1519.75	-954.43	-1519.41	-255.38
			115.39		22.98	97.56	78.64	1376.20		862.91	1375.92	296.86

Macro	Tipo	Angolo 1-X (gradi)
112	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
112	1	1918	-1.79	-23.78	-9.01	-16.56	-10.32	-12.40	-63.61	-39.53	-36.48	25.56
112	1	1924	-2.70	-25.84	-17.81	-10.73	-11.02	-15.47	-54.36	-28.91	-40.92	18.49

112	1	1932	-3.88	-21.71	-17.19	-8.40	-7.76	28.73	-49.28	-39.34	18.79	26.01
...												
112	98	1960	-5.96	-18.80	-17.41	-7.35	-3.99	28.20	1.48	2.51	27.17	5.14
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-130.77	-126.41	-125.37	-74.69		-3932.40	-516.38	-3593.80	-1162.66
			99.93		98.91	97.82	58.60	4032.63		445.48	3704.27	1155.29

Macro	Tipo	Angolo 1-X (gradi)
113	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
113	1	1916	1.07	-31.04	-14.66	-15.31	16.05	34.97	-29.24	-5.82	11.55	-30.91
113	1	1926	-2.26	-23.68	-17.07	-8.87	9.90	27.05	-63.59	-44.43	7.89	-37.00
113	1	1944	-1.87	-41.73	-23.64	-19.95	19.84	79.18	-45.74	53.53	-20.09	-50.46
...												
113	98	1944	-0.86	-33.97	-18.09	-16.73	16.54	61.59	-41.77	40.42	-20.60	-41.71
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-136.64	-96.49	-77.88	-32.68		-813.56	-392.01	-812.82	-190.88
			72.53		59.97	62.45	59.01	826.61		380.71	818.09	107.31

Macro	Tipo	Angolo 1-X (gradi)
114	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
114	1	1926	3.39	-22.77	-12.52	-6.86	12.77	71.90	-17.84	-2.85	56.92	-33.47
114	1	1934	-1.81	-15.21	-10.91	-6.12	6.26	96.21	-66.86	-63.39	92.73	-23.54
114	1	1944	-5.49	-42.08	-22.70	-24.87	18.26	21.43	-67.82	-27.63	-18.76	-44.41
...												
114	98	1954	-2.38	-23.64	-11.83	-14.19	10.56	103.77	3.70	9.90	97.58	-24.12
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-121.39	-89.72	-91.89	-40.69		-794.36	-228.15	-794.35	-146.26
			100.31		54.52	81.26	51.68	929.43		174.61	928.21	99.32

Macro	Tipo	Angolo 1-X (gradi)
115	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
115	1	1934	2.11	-14.95	-6.27	-6.57	8.53	100.42	-12.29	-7.15	95.28	-23.51
115	1	1942	-2.07	-8.41	-6.34	-4.15	2.98	216.87	-29.16	-28.86	216.57	-8.57
115	1	1954	-4.74	-28.93	-15.81	-17.86	12.05	93.76	-18.06	-0.47	76.16	-40.72
...												
115	98	1962	-2.58	-15.63	-5.73	-12.48	5.58	160.95	15.65	15.65	160.95	-0.11
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-125.53	-59.27	-104.25	-36.41		-1053.26	-86.42	-1053.09	-114.28
			113.39		47.04	97.08	50.58	1360.02		82.67	1359.90	49.40

Macro	Tipo	Angolo 1-X (gradi)
116	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
116	1	1842	-8.44	-56.95	-13.26	-52.13	-14.51	80.68	-0.59	14.79	65.30	31.84
116	1	1943	0.17	-42.16	-14.90	-27.09	-20.27	64.60	-15.25	20.01	29.35	39.65
116	1	1947	-5.04	-27.53	-5.90	-26.66	-4.33	75.43	45.82	48.23	73.02	-8.10
...												
116	98	1947	-3.68	-23.33	-4.19	-22.82	-3.13	56.88	33.88	34.80	55.95	-4.52
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-185.02	-42.99	-160.91	-88.52		-945.03	-418.47	-912.05	-199.89
			117.87		23.05	89.50	55.23	1057.70		449.04	1021.93	255.28

Macro	Tipo	Angolo 1-X (gradi)
117	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
117	1	1842	-14.89	-50.10	-35.55	-29.43	-17.34	73.48	-19.87	47.83	5.78	41.68
117	1	1903	-7.85	-27.87	-12.11	-23.60	-8.20	54.49	39.98	40.28	54.20	-2.05
117	1	1943	0.32	-45.97	-20.44	-25.20	-23.02	58.00	-6.75	17.89	33.37	31.44
...												
117	98	1956	-7.91	-18.05	-11.08	-14.88	-4.70	104.48	-17.00	-16.92	104.40	3.20
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-213.56	-79.39	-134.43	-115.58		-928.40	-306.63	-928.28	-190.13
			139.50		33.22	103.64	77.80	1111.44		334.54	1111.20	257.18

Macro	Tipo	Angolo 1-X (gradi)
118	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
118	1	1843	-9.13	-55.98	-12.43	-52.67	11.99	102.06	-21.38	-6.55	87.23	-40.15
118	1	1904	-11.48	-36.74	-12.12	-36.10	3.97	182.74	74.22	74.22	182.74	0.11
118	1	1944	-2.33	-45.33	-16.27	-31.39	20.12	80.36	-23.64	16.11	40.62	-50.53
...												
118	98	1957	-5.80	-25.97	-5.88	-25.89	-1.27	54.39	30.25	30.88	53.76	-3.85
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-167.06	-71.99	-163.97	-36.59		-1094.17	-288.38	-1093.43	-336.03
			79.48		46.73	77.00	69.64	1246.37		312.22	1244.99	270.07

Macro	Tipo	Angolo 1-X (gradi)
119	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
119	1	1844	-12.28	-54.93	-44.39	-22.82	18.39	49.07	-52.40	40.45	-43.77	-28.30
119	1	1913	-10.63	-36.64	-32.01	-15.26	9.95	101.60	-61.91	101.60	-61.91	0.53
119	1	1945	-1.45	-38.22	-19.49	-20.17	18.39	34.25	-32.92	-2.96	4.29	-33.39
...												
119	98	1958	-7.45	-24.19	-24.09	-7.55	1.26	-17.10	-22.55	-17.15	-22.50	-0.51
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-137.52	-80.60	-94.02	-52.18		-1370.48	-203.16	-1149.69	-547.44
			79.13		40.01	60.09	82.27	1305.84		298.16	1080.14	547.33

Macro	Tipo	Angolo 1-X (gradi)
120	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
120	1	1845	-11.85	-59.26	-16.07	-55.04	-13.50	51.24	9.07	18.19	42.11	17.36
120	1	1935	-12.42	-33.69	-12.42	-33.69	-8.04e-02	127.74	104.14	127.24	104.65	3.42
120	1	1946	1.00	-36.30	-15.12	-20.18	-18.48	14.82	-47.99	-14.61	-18.56	31.34
...												
120	98	2070	-7.59	-42.40	-12.71	-37.29	12.33	33.30	-9.29	-5.54	29.55	-12.07
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-126.22	-56.16	-117.29	-61.75		-956.10	-388.39	-949.94	-214.34
			85.51		31.65	85.17	39.59	937.13		358.17	927.79	264.10

Macro	Tipo	Angolo 1-X (gradi)
121	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
121	1	1845	-14.01	-56.90	-44.80	-26.11	-19.30	86.10	-18.27	74.86	-7.03	32.35
121	1	1941	-11.79	-38.82	-33.21	-17.40	-10.96	109.17	-50.81	109.16	-50.79	1.66
121	1	1946	0.30	-36.80	-17.12	-19.38	-18.51	19.89	-22.14	-4.57	2.32	20.73
...												
121	98	1960	-8.21	-25.92	-25.70	-8.42	-1.96	-21.99	-40.42	-39.06	-23.35	4.82
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-114.93	-109.87	-105.74	-51.98		-1659.26	-326.71	-1502.11	-504.24
			77.20		61.55	73.93	30.62	1581.90		388.40	1430.48	512.95

Macro	Tipo	Angolo 1-X (gradi)
122	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
122	1	1843	-12.46	-56.69	-43.20	-25.95	20.36	67.53	-47.64	59.01	-39.12	-30.14
122	1	1944	0.93	-46.81	-27.59	-18.28	23.41	54.20	-37.28	18.54	-1.62	-44.62
122	1	1954	-8.12	-27.22	-21.50	-13.84	8.75	53.50	-34.93	-20.46	39.04	-32.71
...												
122	98	1954	-6.58	-22.85	-17.71	-11.72	7.56	42.14	-30.26	-18.38	30.26	-26.82
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-176.91	-118.45	-125.01	-24.32		-515.73	-196.14	-502.05	-185.37
			90.65		62.38	82.30	63.07	590.90		220.67	561.28	132.98

Macro	Tipo	Angolo 1-X (gradi)
123	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
123	1	1783	-12.96	-34.55	-13.14	-34.37	-1.99	144.81	75.93	76.09	144.65	3.35
123	1	1836	-7.42	-30.08	-7.52	-29.97	1.53	69.08	54.63	54.64	69.08	-0.28
123	1	1842	-12.80	-56.01	-13.14	-55.66	-3.84	79.03	-2.28	0.77	75.97	15.46
...												
123	98	1947	-1.53	-27.28	-5.15	-23.67	-8.95	90.59	37.02	37.08	90.53	-1.76
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-168.07	-38.82	-166.94	-45.50		-960.12	-373.25	-958.73	-124.19
			80.10		27.56	75.06	39.38	1060.50		371.47	1059.12	150.23

Macro	Tipo	Angolo 1-X (gradi)
124	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
124	1	1843	-19.27	-50.51	-39.05	-30.73	15.06	14.32	-75.91	-5.68	-55.90	-37.49
124	1	1954	0.37	-28.91	-13.61	-14.94	14.63	96.94	24.36	31.07	90.23	-21.02
124	1	1961	-7.39	-30.70	-13.11	-24.98	10.03	95.88	26.67	27.37	95.18	-6.94
...												
124	98	1962	-8.23	-17.91	-12.66	-13.47	4.82	113.05	-23.10	-22.78	112.73	-6.59
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-148.11	-88.65	-131.66	-19.49		-1193.42	-399.26	-1190.68	-290.64
			81.88		53.46	81.40	44.09	1404.14		385.89	1400.77	228.46

Macro	Tipo	Angolo 1-X (gradi)
125	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
125	1	260	5.55	-62.92	5.16	-62.53	5.18	26.60	-30.30	14.35	-18.06	-23.38
125	1	1783	-11.08	-44.14	-11.25	-43.97	-2.38	67.26	29.36	65.54	31.08	7.89
125	1	1842	-9.95	-51.88	-13.02	-48.80	-10.93	68.20	-28.91	-0.80	40.09	44.04
...												
125	98	1842	-7.62	-45.13	-9.76	-43.00	-8.69	61.01	-22.57	-1.21	39.65	36.46
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-123.13	-34.81	-107.66	-58.88		-454.82	-328.69	-75.87	-198.34
			63.47		28.14	20.17	68.29	411.50		326.52	126.10	269.94

Macro	Tipo	Angolo 1-X (gradi)
126	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
126	1	260	19.66	-53.56	-39.53	5.63	-28.81	86.71	1.09	4.25	83.55	-16.16
126	1	1842	-6.31	-55.51	-33.02	-28.80	-24.51	25.72	-4.56	22.84	-1.67	8.90
126	1	1903	-19.39	-52.94	-52.94	-19.39	0.27	20.58	7.47	18.30	9.75	4.97
...												
126	98	1903	-15.43	-41.23	-41.10	-15.56	-1.79	29.34	9.15	12.58	25.90	7.58
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-159.37	-153.93	-118.16	-92.95		-738.45	-129.89	-734.48	-103.86
			127.27		89.54	99.10	45.85	777.29		138.89	771.52	118.20

Macro	Tipo	Angolo 1-X (gradi)
127	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
127	1	1843	-9.25	-43.52	-10.81	-41.95	7.15	66.89	-45.59	-15.79	37.08	-49.64
127	1	1904	-9.22	-44.68	-9.32	-44.58	-1.84	87.95	39.09	87.94	39.09	-0.55
127	1	1955	6.44	-61.31	6.41	-61.28	-1.48	-19.87	-55.44	-28.59	-46.71	15.30
...												
127	98	1955	4.62	-47.00	4.58	-46.96	-1.47	-16.73	-47.92	-22.78	-41.87	12.34
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-137.52	-39.04	-129.40	-34.99		-345.32	-202.91	-283.93	-257.53
		84.30		36.40	56.77	44.76	451.90		311.74	351.09	176.72

Macro	Tipo	Angolo 1-X (gradi)
128	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
128	1	289	17.47	-92.22	-69.26	-5.49	44.62	41.88	-12.25	41.11	-11.48	-6.40
128	1	1844	-12.59	-54.52	-40.19	-26.91	19.88	2.94	-43.63	-7.02	-33.67	-19.10
128	1	1913	-16.11	-54.73	-54.68	-16.17	1.51	-4.15	-82.21	-5.84	-80.52	11.36
...												
128	98	1913	-12.76	-45.83	-45.76	-12.83	1.58	-9.29	-52.89	-10.39	-51.79	6.84
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-115.08	-81.67	-62.83	-4.52		-371.88	-127.72	-361.23	-179.38
			43.88		11.76	39.27	56.11	252.24		202.57	244.06	159.08

Macro	Tipo	Angolo 1-X (gradi)
129	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
129	1	1330	8.43	-109.82	8.10	-109.50	6.17	26.99	-54.23	-53.46	26.21	-7.89
129	1	1845	-5.27	-51.79	-14.86	-42.20	-18.82	51.04	-37.10	-4.04	17.98	42.67
129	1	1935	-9.78	-43.48	-10.12	-43.13	-3.39	98.19	23.40	97.06	24.53	9.14
...												
129	98	2070	-1.91	-47.92	-12.19	-37.64	19.17	40.92	-38.10	-12.46	15.28	-37.00
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-140.35	-50.67	-138.98	-65.64		-369.46	-305.76	-139.70	-141.46
			40.60		26.24	1.30	49.98	319.71		298.49	183.04	142.86

Macro	Tipo	Angolo 1-X (gradi)
130	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
130	1	1330	16.61	-108.24	-86.65	-4.98	-47.22	7.50	-9.70	7.36	-9.56	1.57
130	1	1845	-9.33	-57.70	-39.13	-27.89	-23.52	35.45	-3.56	27.44	4.45	15.77
130	1	1941	-16.84	-55.78	-55.78	-16.84	8.02e-02	21.92	-98.48	21.92	-98.48	-0.25
...												
130	98	1941	-13.15	-46.73	-46.73	-13.16	-0.27	12.91	-70.72	12.91	-70.72	0.52
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-132.04	-103.74	-85.84	-55.97		-424.46	-98.52	-418.08	-92.57
			43.71		30.55	40.55	13.15	371.97		135.55	347.81	116.45

Macro	Tipo	Angolo 1-X (gradi)
131	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
131	1	1843	-4.22	-59.55	-59.51	-4.25	-1.35	2.98	-51.98	-10.10	-38.90	23.40
131	1	1955	14.71	-59.46	-44.50	-0.26	-29.77	10.42	4.63	5.79	9.26	-2.31

131	1	1961	-20.64	-42.22	-37.40	-25.46	-8.99	18.92	-0.40	4.74	13.78	-8.54
...												
131	98	1961	-15.56	-34.74	-32.16	-18.14	-6.54	24.08	-0.73	8.74	14.61	-12.06
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-177.12	-176.07	-64.04	-45.23		-625.25	-296.22	-269.06	-377.11
			78.53		73.45	29.46	24.88	667.24		310.90	295.24	355.82

Macro	Tipo	Angolo 1-X (gradi)
132	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
132	1	1963	-4.87	-21.12	-6.95	-19.04	-5.43	-99.04	-118.58	-107.28	-110.34	9.64
132	1	1964	-6.17	-23.80	-6.28	-23.68	-1.44	-109.43	-127.51	-126.03	-110.91	4.96
132	1	1966	-7.66	-20.22	-7.74	-20.14	-1.01	-93.93	-121.93	-121.75	-94.11	-2.25
...												
132	98	2011	1.73	-0.64	1.28	-0.19	-0.92	285.83	-8.04	-8.01	285.80	2.62
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-209.32	-47.07	-208.85	-66.81		-1141.12	-437.80	-1140.85	-261.99
			211.68		36.93	211.10	57.52	1191.84		280.49	1191.83	276.50

Macro	Tipo	Angolo 1-X (gradi)
133	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
133	1	1964	-6.23	-24.03	-6.31	-23.95	-1.18	-117.67	-132.88	-132.86	-117.69	-0.55
133	1	1969	-8.07	-21.35	-8.07	-21.35	2.09e-02	-104.81	-175.50	-119.53	-160.78	-28.71
133	1	1970	-10.79	-24.62	-10.83	-24.59	-0.66	-107.39	-137.41	-107.46	-137.34	1.46
...												
133	98	3541	-5.47	-11.23	-11.23	-5.47	2.44e-02	-22.43	-33.55	-33.36	-22.62	1.45
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-158.86	-127.18	-107.44	-59.42		-1662.50	-351.22	-1662.49	-312.53
			138.07		132.97	95.65	59.84	1718.64		219.36	1718.61	308.29

Macro	Tipo	Angolo 1-X (gradi)
134	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
134	1	1964	-6.03	-24.78	-6.03	-24.78	-8.76e-02	-117.03	-135.36	-135.03	-117.36	-2.45
134	1	1970	-10.76	-25.05	-10.89	-24.91	-1.39	-106.91	-135.98	-106.97	-135.92	1.30
134	1	1971	-8.11	-21.83	-8.26	-21.69	-1.38	-100.99	-175.97	-117.69	-159.28	31.20
...												
134	98	3541	-5.38	-11.21	-11.21	-5.38	6.63e-02	-26.38	-34.47	-33.14	-27.70	-2.99
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-138.26	-130.33	-106.90	-73.49		-1592.05	-364.61	-1592.01	-296.62
			137.56		136.81	95.30	71.07	1653.08		220.23	1652.97	348.30

Macro	Tipo	Angolo 1-X (gradi)
135	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
135	1	1964	-5.94	-24.93	-6.15	-24.71	-2.03	-102.43	-127.43	-124.78	-105.08	-7.70
135	1	1966	-7.85	-20.55	-7.86	-20.55	-0.22	-92.32	-122.84	-122.78	-92.38	-1.35
135	1	1967	-4.08	-19.54	-4.88	-18.74	3.42	-96.19	-130.32	-110.46	-116.06	-16.84
...												
135	98	2019	3.35	-2.26	1.16	-7.75e-02	2.74	290.02	-7.60	-7.58	290.01	-1.98
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-211.03	-47.21	-209.92	-67.60		-1189.51	-436.37	-1189.28	-350.01
			213.61		36.58	212.09	72.93	1181.74		278.69	1181.71	319.37

Macro	Tipo	Angolo 1-X (gradi)
136	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
136	1	1963	-3.56	-22.71	-6.18	-20.10	-6.57	-67.06	-84.56	-82.48	-69.14	5.66
136	1	1975	-3.94	-18.92	-10.06	-12.80	-7.36	-45.86	-84.11	-80.49	-49.48	11.19
136	1	1987	-2.74	-14.32	-9.34	-7.72	-5.73	12.57	-62.34	-55.51	5.74	21.56
...												
136	98	2041	1.27	-6.40	0.13	-5.26	-2.72	242.04	-5.72	-5.71	242.03	1.30
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-186.75	-48.08	-186.41	-94.79		-1562.21	-683.11	-1402.97	-313.70
			186.15		30.56	186.01	72.29	1429.05		641.69	1304.07	374.15

Macro	Tipo	Angolo 1-X (gradi)
137	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
137	1	1967	-5.62	-20.42	-6.66	-19.38	3.79	-39.48	-89.81	-58.68	-70.62	-24.45
137	1	1977	1.93	-22.28	-0.44	-19.91	7.19	-5.35	-58.15	-5.52	-57.99	-2.93
137	1	1989	5.54	-19.65	3.89	-17.99	6.23	60.61	-65.31	60.61	-65.31	0.32
...												
137	98	2042	-0.52	-13.87	-0.72	-13.66	-1.64	16.87	-32.55	-29.41	13.73	-12.06
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-193.10	-43.73	-185.85	-90.22		-1394.29	-756.11	-1349.96	-393.63
			186.97		46.92	177.00	110.76	1346.85		702.22	1344.91	349.99

Macro	Tipo	Angolo 1-X (gradi)
138	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
138	1	1969	-6.94	-21.99	-6.96	-21.98	0.50	-86.21	-118.89	-107.16	-97.93	-15.68
138	1	1979	-10.85	-21.27	-13.55	-18.57	4.57	-73.59	-112.84	-76.02	-110.41	-9.47
138	1	1991	-9.81	-20.39	-15.79	-14.40	5.24	-35.27	-65.34	-57.93	-42.68	-12.96
...												
138	98	3528	-0.97	-11.19	-10.65	-1.51	2.28	-2.56	-25.99	-24.14	-4.40	-6.31
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-166.00	-122.85	-97.50	-84.83		-1479.83	-631.98	-1479.82	-457.11
			144.31		115.48	88.58	89.91	1520.23		515.14	1520.05	474.01

Macro	Tipo	Angolo 1-X (gradi)
139	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
139	1	1971	-9.57	-21.55	-9.77	-21.35	-1.53	-58.97	-138.71	-87.79	-109.88	38.31
139	1	1980	-4.40	-21.50	-5.11	-20.80	-3.39	-42.66	-89.84	-42.68	-89.83	-0.85
139	1	1992	-0.67	-18.47	-0.83	-18.31	-1.68	39.03	-79.57	36.97	-77.51	-15.51
...												
139	98	2044	-1.94	-24.46	-1.94	-24.46	0.22	18.22	-61.16	-59.29	16.35	12.03
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-211.87	-73.86	-183.83	-106.75		-1599.19	-836.23	-1598.92	-202.59
			131.42		75.69	93.11	94.88	1514.98		677.77	1513.59	268.20

Macro	Tipo	Angolo 1-X (gradi)
140	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
140	1	1971	-6.65	-23.26	-6.84	-23.07	-1.78	-82.02	-119.05	-108.29	-92.79	16.81
140	1	1981	-11.05	-23.95	-14.64	-20.35	-5.78	-71.37	-118.98	-75.39	-114.97	13.24
140	1	1993	-10.40	-21.82	-16.23	-15.99	-5.71	-37.63	-68.64	-56.33	-49.95	15.18
...												
140	98	3540	-6.38	-13.22	-12.88	-6.72	-1.49	-17.41	-54.55	-44.60	-27.36	-16.45
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-147.97	-130.63	-100.71	-95.40		-1401.65	-783.23	-1335.57	-414.85
			135.35		132.96	86.51	89.28	1351.59		653.92	1351.09	401.09

Macro	Tipo	Angolo 1-X (gradi)
141	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
141	1	1967	-2.42	-21.06	-3.55	-19.93	4.44	-64.73	-89.86	-86.89	-67.69	-8.11
141	1	1983	-3.39	-19.29	-8.95	-13.72	7.59	-47.42	-89.68	-84.63	-52.47	-13.71
141	1	1995	-0.47	-15.45	-7.62	-8.30	7.48	8.88	-71.21	-63.79	1.45	-23.23
...												
141	98	2047	2.79	-8.58	-0.83	-4.96	5.30	244.92	-5.43	-5.40	244.89	-2.85
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-180.81	-42.83	-179.71	-81.60		-1634.22	-661.89	-1474.49	-400.88
			181.83		33.75	179.49	101.09	1491.30		619.41	1363.60	340.08

Macro	Tipo	Angolo 1-X (gradi)
142	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
142	1	2020	0.12	-33.65	-13.02	-20.51	-16.47	34.99	-12.95	2.56	19.48	22.43
142	1	2025	-0.82	-22.90	-12.57	-11.16	-11.02	24.91	-28.63	-16.90	13.18	22.15
142	1	2033	-0.93	-15.16	-7.57	-8.52	-7.10	86.99	-18.78	-11.10	79.31	27.45
...												
142	98	2061	-3.10	-15.87	-6.51	-12.45	-5.65	173.29	4.72	4.77	173.23	-3.01
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-169.51	-91.66	-118.86	-113.27		-1257.79	-743.25	-1185.99	-194.85
			108.32		58.53	108.31	86.11	1178.50		745.93	1172.50	232.21

Macro	Tipo	Angolo 1-X (gradi)
143	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
143	1	2021	1.92	-29.98	-6.28	-21.77	13.94	27.11	-27.93	11.18	-11.99	-24.97
143	1	2026	3.73	-24.37	1.10	-21.74	8.19	22.62	2.96	22.59	2.99	-0.83
143	1	2034	1.51	-18.33	1.13	-17.95	2.72	37.01	-4.17	29.48	3.36	15.92
...												
143	98	2062	0.57	-13.89	0.41	-13.72	-1.55	83.03	4.73	4.90	82.86	-3.66
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-196.73	-30.30	-133.28	-97.80		-1473.08	-990.10	-1473.05	-292.67
			134.48		20.18	81.72	120.06	1574.88		1004.77	1571.19	247.57

Macro	Tipo	Angolo 1-X (gradi)
144	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
144	1	2022	-4.02	-24.86	-10.28	-18.61	9.55	-14.28	-69.02	-44.23	-39.06	-27.25
144	1	2027	-4.73	-24.75	-16.99	-12.50	9.75	-21.89	-50.33	-32.56	-39.66	-13.77
144	1	2035	-5.86	-22.05	-18.00	-9.92	7.01	24.77	-42.53	-36.82	19.06	-18.76
...												
144	98	2063	-5.78	-21.28	-20.51	-6.55	3.37	12.21	0.94	1.06	12.09	1.17
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-163.49	-107.67	-140.90	-88.76		-3201.20	-643.73	-2936.39	-948.90
			124.55		78.65	116.36	103.31	3293.23		562.40	3030.79	967.70

Macro	Tipo	Angolo 1-X (gradi)
145	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
145	1	2023	-6.56	-24.67	-11.09	-20.14	-7.84	-34.28	-124.10	-66.63	-91.75	43.11
145	1	2028	-3.85	-24.59	-4.72	-23.72	-4.16	-19.60	-52.88	-20.78	-51.70	-6.17
145	1	2036	-1.95	-26.69	-2.46	-26.18	3.51	43.67	-29.41	30.96	-16.71	-27.69
...												
145	98	2064	0.35	-20.68	0.26	-20.59	1.34	55.08	6.91	6.99	55.00	1.88
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-184.86	-38.13	-160.61	-108.43		-1679.58	-1078.62	-1676.56	-199.10
			143.81		30.29	110.01	95.65	1589.11		967.49	1584.95	171.53

Macro	Tipo	Angolo 1-X (gradi)
146	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
146	1	2023	-4.73	-25.75	-9.16	-21.32	-8.57	-26.30	-94.11	-64.53	-55.88	33.63
146	1	2029	-6.18	-28.04	-18.18	-16.04	-10.88	-34.75	-65.59	-51.62	-48.72	15.35
146	1	2037	-7.59	-23.54	-17.63	-13.50	-7.70	32.00	-54.92	-46.92	24.00	25.12
...												
146	98	2065	-10.02	-21.30	-19.05	-12.27	-4.51	33.43	-0.30	0.25	32.89	4.23
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-182.63	-113.16	-159.70	-125.02		-2303.48	-817.85	-2059.22	-776.15
		130.44		84.25	119.14	111.05	2455.40		709.87	2214.53	744.39

Macro	Tipo	Angolo 1-X (gradi)
147	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
147	1	2021	3.60	-29.18	-6.96	-18.63	15.32	21.72	-9.01	-1.53	14.25	-13.18
147	1	2031	2.69	-23.89	-10.00	-11.20	13.28	25.46	-36.44	-26.83	15.85	-22.42
147	1	2039	3.47	-18.13	-6.01	-8.65	10.72	85.83	-32.70	-22.69	75.81	-32.97
...												
147	98	2067	-1.32	-18.70	-7.45	-12.56	8.30	152.22	0.35	0.35	152.22	-0.19
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-187.11	-63.90	-107.10	-103.00		-1290.99	-801.08	-1269.53	-236.82
			126.31		46.03	88.78	127.49	1286.16		792.55	1281.51	212.27

Macro	Tipo	Angolo 1-X (gradi)
148	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
148	1	1904	-10.65	-34.27	-10.67	-34.26	0.64	159.85	88.64	90.24	158.25	-10.56
148	1	1957	-8.02	-30.18	-8.89	-29.32	4.29	77.55	67.14	67.90	76.80	-2.69
148	1	2048	-2.55	-43.92	-15.49	-30.97	-19.18	70.08	-36.33	12.17	21.57	53.00
...												
148	98	2068	-6.88	-43.08	-8.63	-41.33	-7.77	56.21	-41.35	-32.36	47.21	28.22
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-185.22	-61.32	-149.35	-102.30		-1272.43	-695.70	-1258.75	-144.23
			114.22		41.93	67.49	70.79	1422.99		711.58	1406.71	187.77

Macro	Tipo	Angolo 1-X (gradi)
149	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
149	1	2048	-1.87	-47.87	-22.01	-27.73	-22.82	67.92	-18.19	22.80	26.93	43.01
149	1	2053	-5.15	-27.01	-14.04	-18.12	-10.74	60.34	-0.65	1.63	58.05	11.59
149	1	2061	-12.02	-20.46	-14.89	-17.59	-3.99	123.72	-2.17	-2.17	123.71	-0.56
...												
149	98	2073	-2.03	-26.46	-7.47	-21.02	-10.17	138.55	0.92	1.95	137.52	-11.89
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-188.13	-95.10	-130.11	-108.43		-783.50	-462.54	-702.30	-110.26
			111.69		59.78	78.03	70.52	924.66		495.16	922.90	202.52

Macro	Tipo	Angolo 1-X (gradi)
150	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
150	1	2049	0.94	-40.82	-7.09	-32.79	16.46	59.47	4.26	24.71	39.02	-26.66
150	1	2054	0.95	-25.79	0.84	-25.69	1.70	100.63	4.80	6.16	99.27	11.31

150	1	2062	0.78	-19.47	0.12	-18.81	-3.60	96.28	4.16	5.20	95.24	9.74
...												
150	98	2074	1.23	-4.65	-9.00e-02	-3.33	-2.45	113.65	11.26	11.41	113.51	-3.84
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-201.32	-30.27	-191.66	-78.27		-1429.42	-744.75	-1404.98	-188.69
			135.97		19.47	94.19	105.07	1576.84		776.67	1550.82	203.75

Macro	Tipo	Angolo 1-X (gradi)
151	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
151	1	2050	-2.06	-36.49	-18.97	-19.59	17.21	24.42	-28.43	-1.58	-2.43	-26.42
151	1	2055	-6.31	-31.22	-26.19	-11.35	10.00	14.41	-6.06	-4.98	13.32	-4.59
151	1	2063	-9.70	-34.71	-34.69	-9.72	-0.68	-32.85	-52.54	-34.47	-50.92	5.40
...												
151	98	2075	-6.75	-29.70	-25.68	-10.77	8.73	53.11	-11.72	52.82	-11.44	4.31
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-159.73	-87.38	-115.07	-53.89		-1171.17	-181.91	-1021.15	-444.89
			106.60		45.20	83.61	81.78	1117.49		221.23	961.10	453.68

Macro	Tipo	Angolo 1-X (gradi)
152	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
152	1	2051	-7.06	-36.45	-12.68	-30.83	-11.56	11.99	-91.25	-45.69	-33.57	51.27
152	1	2056	-6.07e-02	-33.06	-6.09e-02	-33.06	-9.03e-02	33.03	2.13	4.15	31.00	-7.64
152	1	2064	1.72	-26.32	0.94	-25.53	4.64	50.18	2.12	2.70	49.60	-5.27
...												
152	98	2076	-0.18	-14.16	-0.25	-14.09	0.94	68.63	28.24	30.26	66.61	8.81
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-153.53	-30.59	-142.50	-52.19		-1281.06	-467.98	-1241.56	-241.75
			97.05		19.37	92.83	32.91	1315.46		384.39	1287.57	230.75

Macro	Tipo	Angolo 1-X (gradi)
153	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
153	1	2051	-0.43	-40.32	-11.93	-28.81	-18.07	5.23	-78.49	-50.25	-23.01	39.58
153	1	2057	-8.94	-34.91	-25.52	-18.34	-12.48	20.39	-57.38	-52.93	15.94	18.06
153	1	2065	-14.91	-34.94	-34.70	-15.16	-2.22	-41.22	-59.08	-55.57	-44.73	7.10
...												
153	98	2077	-14.20	-35.45	-29.93	-19.72	-9.32	84.73	-45.47	84.73	-45.47	0.15
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-172.33	-94.05	-129.59	-88.15		-920.66	-303.53	-797.75	-315.79
			107.67		49.27	96.81	58.63	853.88		316.11	740.61	324.67

Macro	Tipo	Angolo 1-X (gradi)
154	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
154	1	2049	6.15	-43.46	-11.52	-25.78	23.76	59.32	11.15	17.74	52.72	-16.55
154	1	2059	-0.36	-29.94	-12.12	-18.17	14.48	72.81	-33.34	-28.82	68.29	-21.43
154	1	2067	-7.20	-24.63	-16.12	-15.71	8.71	62.37	-15.59	-13.40	60.19	-12.86
...												
154	98	2079	-3.75	-31.74	-12.56	-22.94	12.99	30.75	21.07	26.94	24.88	4.73
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-204.69	-70.89	-150.27	-93.11		-903.31	-495.65	-820.10	-202.05
			136.29		52.43	95.13	131.65	948.18		515.76	891.28	174.64

Macro	Tipo	Angolo 1-X (gradi)
155	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
155	1	1904	-9.22	-42.64	-9.86	-41.99	4.61	86.99	35.29	83.37	38.92	-13.20
155	1	1955	6.08	-56.58	6.03	-56.53	-1.75	-17.96	-43.35	-20.88	-40.43	-8.11
155	1	2068	-10.11	-46.98	-12.25	-44.84	-8.61	60.13	-66.46	-34.37	28.03	55.07
...												
155	98	2068	-7.59	-41.16	-9.10	-39.65	-6.94	51.13	-59.68	-33.89	25.33	46.83
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-125.16	-37.63	-123.33	-40.83		-344.37	-245.57	-290.56	-119.34
			60.80		28.08	45.78	34.73	449.70		298.65	356.30	208.25

Macro	Tipo	Angolo 1-X (gradi)
156	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
156	1	1955	10.67	-48.85	-35.33	-2.84	-24.94	34.95	28.07	34.62	28.40	1.47
156	1	2068	-2.62	-57.98	-27.63	-32.97	-27.55	-9.03	-72.21	-18.35	-62.88	22.41
156	1	2073	-15.27	-44.02	-37.37	-21.92	-12.13	79.04	-3.12	-3.05	78.98	2.37
...												
156	98	2073	-10.70	-36.64	-28.82	-18.53	-11.91	80.78	-4.08	-3.93	80.63	3.63
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-167.46	-62.76	-110.85	-83.01		-551.87	-103.67	-548.16	-85.72
			71.80		10.21	55.91	40.26	699.91		112.76	696.21	123.78

Macro	Tipo	Angolo 1-X (gradi)
157	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
157	1	2069	0.80	-40.88	-3.78	-36.30	13.03	74.38	-46.33	-16.76	44.81	-51.91
157	1	2074	-1.12	-32.68	-1.17	-32.63	1.24	40.64	14.97	22.92	32.70	-11.87
157	1	2081	7.44	-59.83	3.81	-56.20	-15.20	-15.69	-60.28	-23.21	-52.76	16.70
...												
157	98	2081	5.53	-46.07	2.39	-42.94	-12.32	-10.64	-50.14	-16.24	-44.54	13.78
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-110.25	-15.80	-109.60	-40.19		-304.73	-143.95	-291.19	-202.33
			52.46		10.57	51.05	36.53	321.55		109.79	221.14	119.43

Macro	Tipo	Angolo 1-X (gradi)
158	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
158	1	1330	17.14	-92.73	-68.63	-6.95	45.46	38.55	-9.32	36.56	-7.34	-9.55
158	1	2070	-12.36	-53.35	-39.90	-25.81	19.25	2.34	-33.86	-3.54	-27.98	-13.36
158	1	2075	-14.42	-55.14	-55.03	-14.53	2.08	-1.43	-74.36	-2.37	-73.42	8.21
...												
158	98	2075	-11.36	-46.08	-45.97	-11.47	1.93	-6.85	-48.23	-7.41	-47.67	4.77
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-134.53	-88.43	-65.20	-6.59		-377.89	-92.15	-365.31	-144.42
			52.86		13.44	50.39	62.02	276.86		158.64	258.21	149.60

Macro	Tipo	Angolo 1-X (gradi)
159	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
159	1	1385	8.88	-120.32	8.74	-120.18	4.25	75.70	-29.80	-28.69	74.58	-10.80
159	1	2071	4.79	-56.21	-13.32	-38.10	-27.87	54.10	-119.87	-44.09	-21.68	86.26
159	1	2076	-0.82	-41.20	-1.44	-40.57	-4.98	44.83	-33.38	33.71	-22.25	27.32
...												
159	98	2076	-0.71	-37.87	-0.91	-37.67	-2.76	37.29	-23.70	28.34	-14.75	21.58
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-263.90	-35.65	-263.84	-84.64		-358.24	-268.27	-162.41	-32.41
			76.23		21.72	63.97	38.94	250.32		191.04	250.10	169.81

Macro	Tipo	Angolo 1-X (gradi)
160	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
160	1	1385	22.34	-113.34	-90.49	-0.52	-50.78	81.35	-86.69	78.85	-84.19	-20.35
160	1	2071	-15.17	-61.95	-44.67	-32.46	-22.58	26.86	-57.18	0.75	-31.07	38.89
160	1	2077	-24.34	-60.39	-60.38	-24.34	0.30	-30.07	-195.66	-30.41	-195.32	-7.49
...												
160	98	2077	-19.53	-50.45	-50.45	-19.53	-0.20	-32.41	-142.94	-32.87	-142.48	-7.14
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-254.40	-206.02	-105.00	-99.73		-578.33	-168.41	-567.75	-102.74
			68.40		56.26	59.17	38.28	300.08		163.65	299.95	88.28

Macro	Tipo	Angolo 1-X (gradi)
161	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
161	1	2069	-2.14	-52.91	-26.67	-28.37	25.37	33.83	-3.35	22.52	7.96	-17.10
161	1	2079	-21.51	-40.88	-37.06	-25.33	7.71	20.49	-133.89	20.49	-133.89	-0.13
161	1	2081	12.41	-51.63	-40.79	1.58	24.01	-15.58	-44.71	-17.54	-42.75	7.29
...												
161	98	2081	8.33	-39.26	-30.41	-0.52	18.52	-13.05	-32.44	-15.47	-30.01	6.41
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-154.87	-64.63	-134.61	-35.11		-836.46	-116.84	-836.23	-78.04
			103.63		5.94	94.32	61.38	648.00		103.76	647.65	49.51

Macro	Tipo	Angolo 1-X (gradi)
162	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
162	1	2095	-1.46	-19.00	-12.53	-7.93	-8.46	-87.00	-140.82	-101.22	-126.61	23.73
162	1	2096	-9.72	-18.06	-11.33	-16.45	-3.29	-146.72	-172.80	-148.09	-171.43	-5.82
162	1	2098	-8.32	-15.32	-12.18	-11.45	-3.48	-109.76	-122.56	-109.81	-122.50	0.83
...												
162	98	2143	9.26	0.63	3.35	6.54	-4.01	341.40	-7.34	-7.32	341.37	2.96
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-133.23	-33.18	-100.02	-67.51		-579.74	-239.70	-567.52	-268.10
			134.56		21.08	113.14	63.01	1138.50		134.38	1138.23	257.78

Macro	Tipo	Angolo 1-X (gradi)
163	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
163	1	2096	-7.81	-19.41	-10.01	-17.21	-4.54	-161.34	-225.72	-173.34	-213.72	25.07
163	1	2101	-4.11	-13.01	-6.85	-10.27	-4.10	-147.29	-203.38	-147.86	-202.80	-5.66
163	1	2102	-11.19	-20.82	-11.79	-20.21	-2.34	-113.26	-213.60	-114.19	-212.67	9.61
...												
163	98	2147	4.27	-2.20	1.42	0.65	3.21	170.13	-10.92	-2.11	161.32	-38.95
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-74.95	-36.44	-55.30	-40.32		-808.75	-439.85	-646.56	-308.27
			49.24		31.94	31.02	41.00	464.10		278.97	376.31	346.49

Macro	Tipo	Angolo 1-X (gradi)
164	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
164	1	2096	-8.75	-18.26	-9.73	-17.27	-2.90	-159.07	-192.83	-168.32	-183.57	-15.06
164	1	2102	-10.75	-21.26	-11.88	-20.13	-3.25	-117.65	-208.01	-118.32	-207.34	7.79
164	1	2103	-9.74	-16.62	-9.96	-16.40	-1.21	-113.96	-231.13	-134.05	-211.05	44.16
...												
164	98	2149	4.39	-0.50	4.29	-0.40	-0.69	141.75	-9.78	-9.69	141.66	-3.70
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-87.46	-35.47	-65.38	-60.40		-1127.05	-417.41	-864.87	-414.34
			66.82		34.89	40.51	58.07	756.07		252.69	582.14	489.14

Macro	Tipo	Angolo 1-X (gradi)
165	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
165	1	2096	-8.55	-19.54	-10.96	-17.13	-4.55	-147.69	-181.42	-149.64	-179.46	7.88
165	1	2098	-9.79	-14.22	-12.35	-11.67	-2.19	-108.24	-126.66	-108.50	-126.39	2.18
165	1	2099	-7.72	-12.95	-10.13	-10.54	2.61	-105.88	-142.03	-117.27	-130.63	-16.80
...												
165	98	2151	7.48	3.24	3.31	7.41	-0.54	360.65	-4.97	-4.96	360.64	-1.73
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-117.33	-31.04	-70.34	-74.99		-960.48	-367.06	-821.81	-311.22
		115.70		19.73	81.50	78.33	837.58		177.64	837.51	280.85

Macro	Tipo	Angolo 1-X (gradi)
166	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
166	1	2132	2.00	-17.05	1.56	-16.61	-2.85	34.90	-151.60	34.87	-151.56	-2.58
166	1	2133	2.10	-20.33	2.08	-20.31	-0.73	5.32	-57.33	5.08	-57.08	-3.92
166	1	2144	4.92	-14.71	3.31	-13.10	-5.38	-22.01	-135.96	-29.28	-128.69	-27.86
...												
166	98	2145	2.55	-13.97	1.31	-12.73	-4.37	-2.88	-79.16	-6.03	-76.01	15.17
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-49.01	-17.11	-48.90	-24.81		-771.93	-139.57	-756.06	-120.88
			26.32		19.35	23.98	20.53	705.10		131.90	682.01	132.99

Macro	Tipo	Angolo 1-X (gradi)
167	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
167	1	2132	1.76	-16.86	1.00	-16.10	-3.68	22.08	-153.88	21.74	-153.53	-7.80
167	1	2136	4.28	-14.31	2.76	-12.79	-5.09	20.04	-130.29	18.45	-128.69	-15.39
167	1	2144	4.90	-14.72	3.18	-13.00	-5.54	-12.09	-135.54	-13.40	-134.22	12.67
...												
167	98	2148	1.84	-14.52	0.24	-12.93	-4.85	2.39	-113.08	-2.82	-107.88	-23.95
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-44.90	-10.78	-33.92	-23.54		-474.92	-135.51	-470.85	-153.75
			21.05		13.19	11.48	17.12	288.37		151.51	286.84	106.11

Macro	Tipo	Angolo 1-X (gradi)
168	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
168	1	2013	1.44	-24.59	0.36	-23.51	5.19	104.01	-120.35	93.40	-109.74	-47.63
168	1	2090	-0.31	-13.94	-0.42	-13.83	1.23	33.88	-43.19	-29.20	19.89	29.70
168	1	2095	-1.66	-20.05	-13.38	-8.33	-8.84	-64.34	-103.74	-67.90	-100.18	11.29
...												
168	98	2164	-1.44	-15.67	-1.55	-15.56	-1.24	31.19	20.59	28.46	23.32	4.64
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-300.89	-64.20	-258.50	-92.51		-854.35	-328.77	-850.53	-181.21
			264.67		65.02	221.83	100.19	885.75		270.67	885.68	122.43

Macro	Tipo	Angolo 1-X (gradi)
169	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
169	1	2095	-3.14	-20.19	-12.10	-11.23	-8.52	-57.88	-84.33	-75.70	-66.51	12.40
169	1	2107	2.90	-19.46	-13.10	-3.46	-10.09	-27.66	-80.50	-77.18	-30.97	12.82

169	1	2119	6.21	-13.82	-9.36	1.75	-8.34	45.84	-64.48	-56.68	38.05	28.28
...												
169	98	2173	7.13	-5.15	3.02	-1.04	-5.79	280.71	-2.82	-2.78	280.67	3.68
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-131.16	-30.61	-101.44	-66.13		-769.95	-259.79	-766.48	-107.36
			129.59		33.37	112.90	54.56	1321.93		189.85	1319.39	170.03

Macro	Tipo	Angolo 1-X (gradi)
170	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
170	1	2099	-8.20	-13.47	-11.14	-10.53	2.62	-82.05	-116.60	-90.29	-108.36	-14.73
170	1	2109	-2.52	-20.40	-5.46	-17.47	6.62	-36.90	-96.76	-37.20	-96.46	-4.24
170	1	2121	-0.35	-20.96	-1.02	-20.29	3.65	25.74	-85.53	25.56	-85.35	-4.43
...												
170	98	2166	1.36	-21.36	1.34	-21.35	-0.59	33.32	12.53	32.60	13.24	-3.80
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-161.93	-34.73	-96.39	-87.21		-1181.61	-577.62	-1180.80	-253.72
			120.87		26.89	67.01	98.64	1188.83		471.94	1188.52	225.69

Macro	Tipo	Angolo 1-X (gradi)
171	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
171	1	2101	-1.83	-14.26	-4.69	-11.40	-5.23	-151.34	-183.00	-155.24	-179.10	10.40
171	1	2111	-7.67	-14.74	-11.62	-10.78	3.51	-97.05	-151.56	-98.28	-150.34	8.06
171	1	2123	-3.32	-16.76	-13.49	-6.59	5.76	-61.57	-96.63	-96.10	-62.10	-4.27
...												
171	98	2175	4.17	-4.01	-1.02	1.18	3.94	180.75	-5.33	11.89	163.53	-53.91
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-59.29	-30.36	-29.65	-33.36		-543.41	-462.71	-540.82	-134.69
			43.07		21.53	21.15	46.31	318.40		315.36	305.12	146.81

Macro	Tipo	Angolo 1-X (gradi)
172	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
172	1	2103	-10.63	-15.54	-10.78	-15.39	-0.86	-107.17	-190.30	-133.51	-163.96	38.68
172	1	2112	-5.45	-17.36	-6.89	-15.93	-3.88	-51.50	-180.72	-51.55	-180.66	2.56
172	1	2124	-0.63	-17.42	-1.86	-16.19	-4.37	9.69	-163.37	9.66	-163.35	2.02
...												
172	98	2168	2.11	-16.06	-1.02	-12.93	-6.86	5.68	-80.57	5.62	-80.51	-2.19
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-113.59	-35.39	-84.26	-79.00		-1235.71	-663.30	-1233.39	-296.65
			84.16		22.57	59.08	67.75	1020.10		483.10	1018.43	363.66

Macro	Tipo	Angolo 1-X (gradi)
173	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
173	1	2103	-7.54	-18.23	-7.61	-18.16	-0.89	-119.53	-148.21	-138.62	-129.11	13.53
173	1	2113	-9.75	-21.71	-14.89	-16.57	-5.92	-91.05	-171.62	-92.97	-169.69	12.31
173	1	2125	-8.43	-19.99	-16.15	-12.28	-5.45	-78.86	-117.77	-88.98	-107.66	17.07
...												
173	98	2177	5.05	-1.92	3.72	-0.60	-2.74	133.70	0.33	0.98	133.04	9.34
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-104.83	-50.72	-73.49	-70.41		-1354.91	-559.46	-1185.32	-284.26
			75.98		33.80	44.44	68.29	1018.06		401.92	886.92	367.29

Macro	Tipo	Angolo 1-X (gradi)
174	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
174	1	2016	31.39	-0.84	4.89	25.66	12.33	169.03	-189.90	156.99	-177.85	64.65
174	1	2091	5.80	-1.58	-0.77	4.98	-2.31	-41.26	-160.92	-53.25	-148.92	-35.94
174	1	2101	-2.63	-12.08	-6.83	-7.89	-4.69	-172.78	-197.77	-182.92	-187.63	-12.27
...												
174	98	2170	6.80	-5.49	4.19	-2.88	5.03	47.21	-123.45	47.11	-123.35	4.13
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-138.79	-69.86	-129.45	-49.51		-1437.99	-347.29	-1434.71	-103.38
			189.02		79.07	171.35	70.11	1197.77		270.49	1169.74	205.30

Macro	Tipo	Angolo 1-X (gradi)
175	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
175	1	2099	-7.17	-14.05	-8.37	-12.85	2.61	-83.69	-104.69	-97.23	-91.15	-10.05
175	1	2115	-1.84	-16.55	-12.90	-5.49	6.36	-48.61	-82.52	-81.06	-50.07	-6.89
175	1	2127	2.79	-11.14	-9.17	0.83	4.85	34.11	-58.65	-56.26	31.72	-14.70
...												
175	98	2179	3.33	-1.73	1.24	0.35	2.49	337.00	-0.60	-0.58	336.98	-2.46
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-147.92	-33.27	-78.33	-90.69		-1009.74	-545.74	-956.43	-174.08
			109.63		30.87	70.32	94.04	856.59		465.40	832.76	126.31

Macro	Tipo	Angolo 1-X (gradi)
176	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
176	1	2133	0.74	-20.81	0.73	-20.81	-0.26	35.86	-65.62	35.21	-64.97	8.06
176	1	2145	4.37	-17.29	3.34	-16.26	-4.61	-8.68	-99.85	-9.93	-98.61	-10.60
176	1	2166	1.73	-24.41	1.68	-24.37	1.11	29.58	7.24	15.03	21.79	-10.65
...												
176	98	2174	1.31	-19.98	0.87	-19.54	-3.04	13.32	-2.95	-0.74	11.12	5.57
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-95.33	-21.99	-92.88	-20.88		-1045.60	-284.54	-1040.63	-117.18
			55.80		24.63	54.16	19.88	1075.35		287.61	1068.62	116.65

Macro	Tipo	Angolo 1-X (gradi)
177	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
177	1	2136	3.36	-14.81	1.62	-13.07	-5.34	17.82	-136.29	15.86	-134.33	-17.29
177	1	2148	3.22	-16.89	2.19	-15.87	-4.42	-9.31	-159.15	-11.18	-157.28	-16.64
177	1	2168	4.74	-17.58	2.15	-14.99	-7.15	9.62	-74.07	8.68	-73.13	8.79
...												
177	98	2176	4.22	-14.80	2.25	-12.84	-5.79	34.46	-11.98	-6.53	29.02	14.94
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-89.79	-13.25	-81.46	-26.31		-1118.86	-263.89	-1110.35	-159.95
			59.79		15.80	56.34	13.28	1002.23		252.44	1002.10	129.23

Macro	Tipo	Angolo 1-X (gradi)
178	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
178	1	2090	0.35	-16.08	0.11	-15.83	2.00	16.86	6.26	7.79	15.33	-3.72
178	1	2093	1.25	-12.55	1.02	-12.32	1.79	138.78	6.77	9.25	136.30	17.92
178	1	2152	1.79	-32.76	-13.97	-17.01	-17.21	45.07	-9.77	33.15	2.15	22.62
...												
178	98	2184	-0.20	-24.89	-1.07	-24.02	-4.54	105.64	19.99	20.47	105.16	6.42
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-102.90	-40.20	-101.57	-33.78		-922.32	-261.60	-922.28	-123.66
			76.33		22.02	75.35	30.75	1108.54		249.98	1108.31	207.58

Macro	Tipo	Angolo 1-X (gradi)
179	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
179	1	2152	2.39	-34.17	-16.85	-14.92	-18.26	52.82	-2.81	12.90	37.12	25.04
179	1	2157	5.04	-22.30	-12.15	-5.11	-13.21	61.29	-39.82	-31.81	53.28	27.31
179	1	2165	6.16	-13.32	-4.25	-2.91	-9.72	118.94	-26.69	-16.29	108.53	37.51
...												
179	98	2193	2.52	-17.34	-2.73	-12.09	-8.76	185.74	4.36	4.39	185.71	-2.34
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-122.40	-54.65	-100.97	-57.57		-972.91	-247.51	-972.91	-52.32
			113.65		43.59	100.16	40.78	1336.55		200.10	1336.53	146.89

Macro	Tipo	Angolo 1-X (gradi)
180	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
180	1	2153	-1.22	-29.17	-11.33	-19.06	13.43	26.68	-35.55	8.60	-17.46	-28.26
180	1	2158	-0.10	-28.36	-2.16	-26.30	7.35	17.53	-2.34	0.49	14.70	-6.95
180	1	2166	0.52	-27.58	0.49	-27.56	-0.81	27.40	7.84	25.13	10.11	-6.26
...												
180	98	2186	1.38e-02	-29.82	-1.40e-02	-29.79	0.91	82.92	27.85	30.20	80.57	11.13
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-200.28	-34.11	-175.35	-81.88		-1212.04	-708.87	-1205.26	-141.88
			132.24		21.62	113.29	102.51	1224.14		716.50	1219.36	165.99

Macro	Tipo	Angolo 1-X (gradi)
181	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
181	1	2154	0.75	-10.17	-5.02	-4.40	5.45	-39.95	-69.47	-46.88	-62.53	12.52
181	1	2159	5.06	-18.06	-13.88	0.89	8.89	-7.04	-30.78	-28.05	-9.77	-7.57
181	1	2167	5.07	-15.23	-12.11	1.96	7.32	76.39	-51.80	-36.12	60.71	-42.00
...												
181	98	2195	2.44	-4.21	-3.28	1.52	2.30	167.33	1.86	27.93	141.27	-60.28
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-67.50	-43.38	-47.27	-33.27		-395.05	-391.86	-357.96	-176.17
			50.05		20.76	44.97	44.58	449.75		345.72	411.84	165.86

Macro	Tipo	Angolo 1-X (gradi)
182	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
182	1	2155	-3.83	-20.07	-10.38	-13.52	-7.97	-62.14	-131.70	-77.36	-116.48	28.75
182	1	2160	0.48	-21.63	-4.10	-17.05	-8.96	-5.23	-137.68	-6.50	-136.41	12.92
182	1	2168	0.75	-18.84	-1.40	-16.68	-6.13	6.17	-98.38	3.23	-95.44	17.28
...												
182	98	2188	1.01	-20.78	-4.22	-15.54	-9.31	32.60	-41.89	27.55	-36.84	18.71
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-172.56	-80.68	-107.38	-87.80		-1285.93	-712.27	-1279.52	-175.05
			125.38		63.28	78.02	74.98	1168.92		583.01	1168.87	228.27

Macro	Tipo	Angolo 1-X (gradi)
183	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
183	1	2155	-3.68	-20.04	-9.44	-14.28	-7.81	-46.09	-95.84	-74.70	-67.24	24.59
183	1	2161	-2.52	-24.67	-18.24	-8.95	-10.05	-27.36	-102.61	-31.47	-98.50	17.10
183	1	2169	-1.87	-20.02	-15.28	-6.62	-7.98	-12.02	-65.35	-42.65	-34.72	26.37
...												
183	98	2197	3.65	-4.26	-0.72	0.11	-3.93	103.99	7.50	9.94	101.54	15.16
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-166.19	-115.63	-77.70	-86.87		-1007.23	-634.00	-1006.89	-138.72
			118.87		86.66	59.20	74.23	825.33		503.94	825.09	183.71

Macro	Tipo	Angolo 1-X (gradi)
184	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
184	1	2091	4.37	-0.68	-0.62	4.32	-0.53	8.05	-130.25	7.77	-129.98	6.16
184	1	2094	7.66	-0.53	0.85	6.28	-3.06	48.76	1.36	4.29	45.83	-11.42
184	1	2154	1.95	-9.78	-3.94	-3.89	5.86	-72.41	-103.06	-76.12	-99.35	10.00
...												
184	98	2190	2.15	-13.04	1.46	-12.35	3.18	41.48	15.79	41.20	16.07	-2.66
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

				-73.12	-22.46	-68.11	-18.55		-999.38	-322.60	-999.31	-174.91
			62.81		24.29	62.05	30.93	779.83		380.59	779.83	199.58

Macro	Tipo	Angolo 1-X (gradi)
185	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
185	1	2153	0.94	-28.31	-11.23	-16.13	14.42	20.40	-28.80	-12.64	4.24	-23.11
185	1	2163	2.45	-21.90	-12.95	-6.50	11.73	38.22	-30.32	-25.54	33.44	-17.47
185	1	2171	3.20	-11.54	-5.45	-2.89	7.26	138.10	-16.27	-12.91	134.74	-22.54
...												
185	98	2199	-1.32	-15.60	-5.37	-11.55	6.44	278.97	1.75	1.77	278.95	2.39
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-197.94	-53.28	-162.45	-92.87		-768.09	-556.30	-715.76	-122.62
			129.92		40.78	113.61	115.14	730.86		524.19	711.18	81.11

Macro	Tipo	Angolo 1-X (gradi)
186	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
186	1	2166	0.75	-24.18	0.62	-24.05	1.77	34.73	8.96	34.73	8.96	-0.14
186	1	2174	0.67	-28.18	-0.33	-27.18	-5.28	30.94	-27.71	-26.76	29.99	-7.40
186	1	2186	-3.17	-34.38	-3.30	-34.26	1.96	81.96	-7.93	-6.85	80.88	9.79
...												
186	98	2194	-1.73	-32.31	-3.00	-31.04	-6.10	111.52	25.38	35.82	101.07	28.12
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-133.56	-28.44	-121.75	-39.12		-1058.38	-475.50	-1014.41	-210.85
			70.31		21.71	60.00	27.47	1082.35		552.69	1047.92	194.03

Macro	Tipo	Angolo 1-X (gradi)
187	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
187	1	2168	5.88	-20.69	0.90	-15.71	-10.37	24.82	-46.43	24.80	-46.41	-1.31
187	1	2176	-0.38	-17.07	-0.54	-16.91	-1.65	43.01	-34.79	23.48	-15.26	33.74
187	1	2188	-3.19	-27.50	-10.14	-20.55	-10.98	58.36	-77.18	40.16	-58.97	46.22
...												
187	98	2196	0.31	-18.17	-1.61	-16.26	-5.63	-30.06	-72.33	-31.05	-71.34	-6.38
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-134.75	-59.89	-86.14	-63.17		-1148.08	-250.55	-1146.43	-97.04
			91.33		44.32	60.00	44.84	1020.17		308.08	1017.36	91.98

Macro	Tipo	Angolo 1-X (gradi)
188	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
188	1	2085	0.22	-17.30	-0.23	-16.86	-2.75	197.79	14.56	15.63	196.73	13.95
188	1	2093	1.61	-15.38	0.31	-14.08	4.51	108.37	-2.06	-2.03	108.34	-1.75

188	1	2180	-2.68	-49.64	-14.07	-38.26	-20.13	108.62	4.38	49.74	63.26	51.68
...												
188	98	2200	-0.39	-46.39	-3.51	-43.27	-11.56	82.88	-40.75	-31.24	73.37	32.95
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-155.63	-49.62	-148.37	-37.85		-862.22	-248.81	-860.64	-168.34
			63.85		27.48	62.49	14.06	1024.65		326.89	1023.66	236.85

Macro	Tipo	Angolo 1-X (gradi)
189	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
189	1	2180	1.83	-53.81	-22.70	-29.28	-27.62	101.06	6.65	37.45	70.25	44.27
189	1	2185	0.16	-27.90	-9.67	-18.07	-13.39	91.50	-25.39	-16.31	82.42	31.29
189	1	2193	-3.19	-21.33	-8.68	-15.85	-8.33	116.77	2.62	2.75	116.64	3.85
...												
189	98	2205	3.59	-29.93	-2.52	-23.81	-12.95	86.24	-6.91	-5.92	85.25	-9.56
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-149.34	-77.68	-110.85	-54.67		-976.49	-175.99	-975.23	-182.80
			62.10		59.86	54.87	17.22	1187.93		152.97	1186.60	305.40

Macro	Tipo	Angolo 1-X (gradi)
190	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
190	1	2181	-1.93	-45.39	-12.64	-34.68	18.73	83.48	-39.67	9.37	34.43	-60.29
190	1	2186	-3.43	-34.91	-3.53	-34.81	-1.75	116.54	2.34	4.05	114.83	13.86
190	1	2201	-4.75	-79.49	-7.11	-77.13	13.08	63.31	-76.38	-58.22	45.15	-46.97
...												
190	98	2201	-2.06	-65.46	-3.49	-64.04	9.41	52.37	-55.09	-42.71	39.99	-34.31
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-233.52	-35.75	-233.42	-34.46		-929.32	-460.11	-809.39	-284.62
			110.89		23.05	106.55	64.37	1073.11		373.00	967.89	293.70

Macro	Tipo	Angolo 1-X (gradi)
191	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
191	1	2182	5.71	-33.56	-19.93	-7.92	18.70	100.17	58.12	58.20	100.09	-1.80
191	1	2187	4.07	-18.12	-17.42	3.36	3.90	151.73	-3.87	11.10	136.76	-45.89
191	1	2195	-0.32	-4.04	-3.66	-0.70	1.12	70.59	-61.94	16.86	-8.21	-65.07
...												
191	98	2207	8.41	0.39	8.11	0.69	1.52	146.17	42.69	87.25	101.60	-51.24
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-173.39	-152.46	-56.15	-31.50		-379.30	-245.04	-295.12	-256.17
			71.04		67.97	43.68	49.91	586.03		437.78	488.80	200.77

Macro	Tipo	Angolo 1-X (gradi)
192	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
192	1	610	0.98	-61.94	-7.68	-53.28	-21.68	84.35	-50.77	-39.76	73.34	36.96
192	1	2183	-1.12	-37.96	-15.60	-23.48	-17.99	56.34	-47.93	14.29	-5.88	51.15
192	1	2188	-2.52	-27.62	-7.73	-22.41	-10.18	15.51	-76.09	-3.67	-56.91	37.27
...												
192	98	2208	-1.34	-30.74	-2.97	-29.11	-6.73	-45.89	-149.16	-149.15	-45.89	-0.43
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-216.26	-86.86	-203.55	-92.03		-1186.57	-565.42	-1160.86	-106.54
			134.22		64.13	106.96	63.47	1040.32		582.60	1032.12	151.57

Macro	Tipo	Angolo 1-X (gradi)
193	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
193	1	2183	-1.39	-37.70	-24.11	-14.98	-17.57	43.80	-48.23	7.95	-12.38	44.87
193	1	2189	-2.18	-27.98	-23.48	-6.67	-9.79	15.65	-64.31	2.82	-51.48	29.35
193	1	2203	4.90	-37.44	-20.10	-12.44	-20.82	59.05	-26.75	56.26	-23.97	15.21
...												
193	98	2203	6.94	-27.38	-11.19	-9.26	-17.13	40.20	-24.95	39.42	-24.17	7.06
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-191.75	-124.59	-100.42	-90.67		-697.44	-391.48	-697.42	-31.99
			131.65		95.69	82.04	61.93	593.17		390.90	585.68	61.94

Macro	Tipo	Angolo 1-X (gradi)
194	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
194	1	2089	16.66	-0.44	-0.41	16.63	-0.74	338.23	3.79	4.31	337.71	-13.16
194	1	2094	10.78	-3.65	0.97	6.16	-6.74	46.81	-0.13	-0.12	46.80	-0.50
194	1	2182	4.74	-34.23	-12.44	-17.06	19.35	78.92	15.32	61.19	33.05	28.52
...												
194	98	2202	-5.68	-53.69	-14.11	-45.26	18.27	202.59	61.25	64.67	199.18	-21.71
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-179.80	-47.90	-160.01	-18.24		-621.44	-175.21	-616.92	-273.73
			74.11		20.99	72.37	51.61	844.10		270.53	836.50	259.60

Macro	Tipo	Angolo 1-X (gradi)
195	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
195	1	2181	3.20	-49.10	-15.03	-30.87	24.92	55.02	-27.81	10.04	17.17	-41.26
195	1	2191	-1.91	-29.93	-13.12	-18.73	13.73	106.90	-24.09	-23.64	106.46	-7.59
195	1	2199	-10.55	-22.21	-16.14	-16.63	5.82	234.09	-0.57	-0.25	233.77	-8.66
...												
195	98	2211	-3.71	-38.47	-10.24	-31.94	13.58	200.14	13.81	14.37	199.58	10.18
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-207.39	-72.26	-187.31	-53.66		-724.70	-153.34	-554.40	-311.93
			122.56		49.83	115.59	94.00	691.19		163.05	690.84	164.08

Macro	Tipo	Angolo 1-X (gradi)
196	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
196	1	2186	3.70	-38.15	1.65	-36.10	9.04	121.00	50.73	55.79	115.94	18.16
196	1	2194	-7.95	-53.35	-14.27	-47.03	-15.72	116.93	-99.89	-89.39	106.42	46.55
196	1	2201	-17.93	-78.69	-20.07	-76.56	-11.18	83.90	-149.57	-149.06	83.39	10.89
...												
196	98	2206	-4.24	-34.73	-5.14	-33.83	-5.15	152.24	52.39	75.68	128.95	42.22
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-247.79	-46.86	-221.03	-76.30		-737.13	-593.30	-645.96	-315.94
			120.05		24.21	93.69	55.75	910.50		398.43	813.77	378.52

Macro	Tipo	Angolo 1-X (gradi)
197	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
197	1	2189	3.67	-27.36	-16.82	-6.87	-14.70	68.24	-18.58	55.43	-5.77	30.79
197	1	2197	1.83	-3.40	-0.78	-0.79	-2.62	53.71	-12.28	0.66	40.78	26.20
197	1	2203	6.28	-46.76	-25.23	-15.25	-26.05	50.89	-17.61	46.35	-13.06	17.05
...												
197	98	2209	4.80	-7.74	-7.32	4.38	-2.26	87.97	13.38	22.19	79.16	24.08
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-170.28	-104.84	-94.00	-70.76		-599.69	-228.03	-592.91	-73.94
			93.59		69.02	70.23	24.04	556.61		308.13	556.61	112.08

Macro	Tipo	Angolo 1-X (gradi)
198	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
198	1	2081	5.06	-38.19	5.05	-38.18	0.62	-20.08	-53.54	-24.52	-49.11	-11.35
198	1	2085	-1.27	-37.53	-2.18	-36.63	-5.66	42.60	26.61	29.05	40.16	5.75
198	1	2200	-1.85	-46.06	-8.09	-39.82	-15.39	84.05	-74.74	-21.66	30.96	74.91
...												
198	98	2200	-1.42	-40.29	-5.80	-35.90	-12.29	67.91	-64.83	-22.43	25.51	61.89
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-108.65	-27.41	-98.66	-37.87		-320.53	-117.23	-263.26	-125.29
			33.93		23.82	28.89	20.91	453.54		78.53	330.80	247.68

Macro	Tipo	Angolo 1-X (gradi)
199	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
199	1	2081	10.76	-29.36	-19.64	1.04	-17.19	23.26	-45.86	23.22	-45.83	1.55
199	1	2200	-2.34	-56.47	-27.95	-30.87	-27.02	-2.13	-55.68	-14.96	-42.84	22.86
199	1	2205	-11.04	-42.36	-27.32	-26.08	-15.64	-4.43	-10.92	-4.62	-10.74	1.08
...												
199	98	2205	-6.87	-36.18	-21.09	-21.96	-14.65	13.35	-4.63	-4.43	13.15	1.90
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-144.24	-67.16	-85.60	-74.39		-496.16	-68.60	-489.85	-79.91
			49.10		23.15	34.05	26.34	513.06		76.32	506.30	117.15

Macro	Tipo	Angolo 1-X (gradi)
200	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
200	1	175	9.92	-68.58	7.68	-66.34	-13.07	-24.29	-117.81	-111.52	-30.58	23.42
200	1	2201	-1.35	-58.82	-1.55	-58.62	3.45	86.42	-161.54	-130.05	54.93	-82.56
200	1	2206	2.24	-54.61	1.19	-53.56	-7.67	20.05	-38.84	-32.28	13.49	-18.53
...												
200	98	2206	5.15	-52.17	2.34	-49.35	-12.39	22.79	-35.12	-28.66	16.33	-18.23
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-135.52	-32.72	-129.31	-68.62		-777.12	-667.53	-113.81	-292.14
			47.78		34.75	27.94	42.88	528.71		469.78	134.87	159.12

Macro	Tipo	Angolo 1-X (gradi)
201	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
201	1	1385	-5.22	-101.18	-90.38	-16.02	30.32	-1.36	-111.96	-45.35	-67.96	54.13
201	1	2202	3.62	-56.44	-42.98	-9.85	25.05	177.03	30.49	68.16	139.37	-64.04
201	1	2207	4.24	0.52	0.67	4.09	0.72	67.79	24.43	52.80	39.41	-20.62
...												
201	98	2207	3.86	-3.07	-2.88	3.67	-1.14	55.40	18.80	37.20	37.00	-18.30
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-170.91	-150.73	-49.33	-25.32		-362.10	-344.38	-305.24	-273.93
			80.72		79.92	32.80	79.46	435.53		280.09	263.72	172.78

Macro	Tipo	Angolo 1-X (gradi)
202	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
202	1	610	2.40	-67.02	-32.46	-32.17	-34.71	24.05	-21.17	-21.11	23.99	-1.73
202	1	2203	4.09	-52.08	-29.71	-18.28	-27.50	61.99	-23.27	-1.07	39.79	37.41
202	1	2209	10.33	-4.60	-2.69	8.42	4.99	70.16	4.13	5.06	69.23	7.78
...												
202	98	2209	8.75	-8.95	-8.08	7.88	3.82	59.14	-2.85	-2.28	58.57	5.91
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-236.46	-149.01	-108.20	-109.32		-246.45	-212.58	-207.17	-167.01
			115.84		85.54	63.40	47.07	286.68		190.66	279.70	167.61

Macro	Tipo	Angolo 1-X (gradi)
203	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
203	1	1385	10.48	-121.25	10.36	-121.13	-4.07	-30.61	-183.32	-32.22	-181.72	15.57
203	1	2089	0.58	-11.15	-0.56	-10.01	3.47	261.76	5.87	5.89	261.75	2.11
203	1	2202	16.86	-71.59	-17.51	-37.22	43.11	306.51	117.44	129.10	294.85	-45.47
...												
203	98	2202	13.96	-60.76	-14.19	-32.62	36.21	245.40	87.82	97.98	235.24	-38.71
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-210.12	-54.21	-195.32	-46.22		-564.32	-112.30	-525.90	-375.00
		91.43		40.62	67.61	117.68	1038.38		287.15	883.93	301.11

Macro	Tipo	Angolo 1-X (gradi)
204	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
204	1	175	2.77	-63.40	-45.11	-15.51	29.59	20.94	-191.75	20.18	-190.99	-12.71
204	1	2201	-1.24	-79.52	-34.50	-46.26	38.70	48.83	-114.72	-3.38	-62.50	-76.24
204	1	2211	-25.83	-53.27	-46.45	-32.65	11.86	7.43	5.68e-02	0.17	7.31	0.90
...												
204	98	2211	-17.55	-45.78	-37.30	-26.03	12.94	28.08	-1.61e-02	-1.58e-02	28.08	-9.62e-02
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-221.86	-65.70	-184.95	-39.58		-647.99	-80.22	-634.09	-279.07
			125.84		10.59	116.19	78.95	491.13		78.83	431.04	164.34

Macro	Tipo	Angolo 1-X (gradi)
205	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
205	1	2145	3.57	-13.30	3.15	-12.88	-2.63	58.75	-92.53	57.79	-91.56	-12.06
205	1	2174	1.41	-20.18	-0.37	-18.40	-5.93	68.93	52.83	68.50	53.26	-2.60
205	1	2218	1.05	-13.98	-0.46	-12.48	-4.51	-24.87	-106.51	-25.57	-105.81	7.51
...												
205	98	2327	0.84	-12.25	0.48	-11.90	2.12	13.58	-41.24	-15.21	-12.45	-27.37
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-81.46	-21.95	-73.89	-28.69		-893.62	-109.40	-891.30	-89.31
			47.93		25.08	43.06	32.96	970.58		222.20	968.95	78.21

Macro	Tipo	Angolo 1-X (gradi)
206	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
206	1	2174	0.38	-21.82	-0.37	-21.06	-4.03	51.73	44.33	51.70	44.35	0.40
206	1	2194	-5.75	-32.18	-9.54	-28.39	-9.26	173.05	64.95	66.92	171.08	14.46
206	1	2219	-2.03	-14.47	-4.81	-11.68	-5.19	-8.34e-02	-46.29	-41.06	-5.31	14.64
...												
206	98	2328	1.62	-12.41	1.46	-12.25	1.47	45.44	-16.04	-2.20	31.60	-25.68
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-106.13	-32.13	-89.66	-39.50		-890.98	-237.90	-877.34	-154.36
			53.13		22.97	43.54	33.47	958.93		338.17	946.16	169.97

Macro	Tipo	Angolo 1-X (gradi)
207	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
207	1	2194	-9.83	-31.70	-12.00	-29.53	-6.53	135.44	34.06	37.19	132.31	17.54
207	1	2206	-6.55	-37.23	-9.02	-34.75	-8.35	170.47	73.33	75.50	168.30	14.34

207	1	2221	-4.70	-11.69	-5.86	-10.53	-2.59	120.84	-31.91	-30.77	119.70	13.13
...												
207	98	2329	3.30	-14.04	3.29	-14.04	-0.29	85.73	23.24	23.38	85.59	-2.99
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-98.97	-36.99	-85.60	-34.22		-551.90	-353.97	-499.59	-160.39
			46.42		21.11	35.77	31.64	750.64		281.84	692.52	179.17

Macro	Tipo	Angolo 1-X (gradi)
208	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
208	1	2148	4.79	-14.15	2.69	-12.05	-5.95	88.37	-156.48	87.91	-156.01	-10.62
208	1	2176	6.84	-14.50	4.94	-12.61	-6.08	103.68	12.85	103.40	13.12	-5.02
208	1	2230	-0.87	-13.53	-1.06	-13.33	-1.55	-2.12	-139.81	-2.12	-139.81	0.20
...												
208	98	2325	-1.65	-12.19	-1.66	-12.17	-0.37	-17.39	-113.71	-17.47	-113.63	2.91
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-40.82	-23.16	-21.20	-29.47		-934.37	-94.97	-932.02	-153.06
			31.09		27.25	-1.92	27.12	961.83		208.93	960.06	132.00

Macro	Tipo	Angolo 1-X (gradi)
209	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
209	1	2144	3.66	-10.21	2.11	-8.66	-4.37	93.08	-93.48	93.01	-93.41	-3.60
209	1	2218	0.55	-13.24	-0.74	-11.95	-4.00	-30.10	-133.58	-31.23	-132.46	-10.72
209	1	2231	-1.23	-12.99	-1.45	-12.77	-1.60	-1.37	-206.73	-1.40	-206.71	-2.31
...												
209	98	2326	0.35	-12.31	0.24	-12.20	1.16	-11.38	-48.31	-16.80	-42.88	-13.08
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-39.89	-20.77	-26.49	-29.34		-393.28	-64.33	-365.58	-141.64
			30.91		27.30	10.87	30.58	239.57		131.86	177.98	152.38

Macro	Tipo	Angolo 1-X (gradi)
210	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
210	1	2206	-1.46	-21.29	-7.21	-15.54	-9.00	150.88	64.13	74.88	140.13	28.58
210	1	2223	-6.01	-13.94	-6.23	-13.73	1.29	187.93	1.53	1.75	187.71	-6.40
210	1	2225	3.00	-13.72	-1.65	-9.07	7.49	131.62	17.77	18.67	130.71	-10.12
...												
210	98	2329	3.03	-19.85	3.02	-19.84	-0.42	83.58	31.73	34.38	80.93	11.42
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-65.36	-31.51	-50.51	-36.33		-373.77	-373.35	-280.69	-63.07
			32.45		20.11	25.47	31.59	584.06		207.73	581.32	81.14

Macro	Tipo	Angolo 1-X (gradi)
211	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
211	1	2144	4.39	-14.02	3.58	-13.20	-3.78	38.73	-142.31	37.79	-141.37	12.99
211	1	2148	5.06	-15.12	3.92	-13.98	-4.64	65.59	-167.47	64.12	-166.00	-18.48
211	1	2263	3.05	-7.87	2.37	-7.19	-2.65	60.14	-115.17	55.31	-110.34	28.70
...												
211	98	2263	2.90	-7.89	2.28	-7.27	-2.52	47.03	-69.55	43.41	-65.93	20.22
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-27.44	-12.39	-26.46	-23.25		-383.44	-22.69	-340.06	-147.75
			21.73		17.46	3.73	18.37	181.49		89.90	105.69	118.21

Macro	Tipo	Angolo 1-X (gradi)
212	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
212	1	2144	5.08	-15.28	4.22	-14.42	-4.10	47.68	-147.00	43.51	-142.83	-28.20
212	1	2145	4.38	-14.93	3.71	-14.25	-3.55	62.43	-126.33	62.43	-126.33	6.99e-02
212	1	2218	3.81	-9.42	0.67	-6.29	-5.62	53.85	-87.37	49.20	-82.72	-25.20
...												
212	98	2218	3.12	-8.43	0.78	-6.10	-4.64	42.69	-61.54	39.82	-58.68	-17.04
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-45.20	-15.45	-43.59	-27.29		-679.74	-78.62	-671.96	-103.83
			23.28		20.26	18.96	18.12	508.88		153.70	494.47	75.27

Macro	Tipo	Angolo 1-X (gradi)
213	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
213	1	175	6.73	-77.22	-3.22	-67.27	-27.14	34.53	-89.98	-2.66	-52.79	-56.99
213	1	2206	0.14	-56.70	-1.64	-54.93	-9.88	60.52	39.87	44.68	55.71	-8.72
213	1	2225	44.69	-8.62	-8.08	44.16	5.30	60.94	45.23	46.99	59.19	-4.95
...												
213	98	2225	41.14	-7.80	-7.30	40.64	4.91	52.16	24.41	26.54	50.03	-7.38
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-151.38	-58.15	-107.69	-75.03		-361.46	-136.05	-223.80	-193.65
			69.47		51.10	69.38	22.03	240.08		193.96	145.12	112.19

Macro	Tipo	Angolo 1-X (gradi)
214	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
214	1	2226	-0.32	-21.13	-0.38	-21.07	-1.11	170.80	-10.80	-10.66	170.66	5.04
214	1	2244	-2.04	-21.83	-2.17	-21.69	1.64	32.08	-200.72	-196.79	28.16	29.98
214	1	2255	7.36	-19.66	4.44	-16.74	-8.39	138.98	8.35	8.92	138.40	8.63
...												
214	98	2322	3.46	-18.16	3.38	-18.08	-1.26	91.60	16.57	16.58	91.59	-0.75
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-42.92	-26.54	-32.64	-30.88		-435.47	-391.13	-433.41	-75.60
			28.75		23.23	8.79	27.49	557.88		126.18	554.26	89.60

Macro	Tipo	Angolo 1-X (gradi)
215	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
215	1	2226	-0.41	-17.86	-0.48	-17.79	-1.12	170.33	-8.00	-7.81	170.14	5.81
215	1	2229	-0.13	-18.00	-0.24	-17.88	-1.43	14.69	-5.98	-5.06	13.77	4.26
215	1	2244	-3.10	-22.28	-3.13	-22.25	-0.70	22.14	-143.13	-140.48	19.48	20.78
...												
215	98	2323	1.29	-14.72	1.26	-14.68	-0.73	10.56	-13.58	7.71	-10.73	7.79
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-40.60	-26.89	-37.29	-27.05		-692.82	-314.77	-692.38	-69.67
			28.69		26.53	10.14	24.50	609.72		168.67	609.09	58.93

Macro	Tipo	Angolo 1-X (gradi)
216	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
216	1	70	10.31	-44.57	1.24	-35.50	20.38	173.46	-76.47	-74.08	171.06	-24.34
216	1	610	6.24	-62.95	-9.08	-47.63	-28.73	-15.56	-107.62	-15.56	-107.62	-0.39
216	1	2249	3.27	-30.44	0.25	-27.42	-9.63	-7.59	-357.66	-7.61	-357.64	2.57
...												
216	98	2320	3.18	-29.96	2.91	-29.69	-2.97	81.16	-9.20	-9.17	81.14	-1.53
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-143.26	-39.72	-143.14	-44.89		-1300.21	-249.17	-1299.08	-120.54
			85.71		23.70	64.17	42.28	1162.17		159.39	1160.72	134.95

Macro	Tipo	Angolo 1-X (gradi)
217	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
217	1	2250	1.29	-24.62	-0.60	-22.73	-6.75	56.02	-3.19	-3.19	56.02	-0.39
217	1	2253	5.57	-30.39	1.16	-25.97	-11.80	137.56	-55.36	-34.74	116.94	59.60
217	1	2255	8.50	-21.95	4.61	-18.06	-10.16	190.67	55.66	58.30	188.03	18.70
...												
217	98	2321	4.21	-23.41	4.03	-23.22	-2.25	158.52	12.91	13.20	158.22	-6.50
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-51.29	-25.90	-40.84	-37.17		-373.93	-373.92	-147.58	-114.34
			29.20		21.78	-3.05	35.67	451.64		124.47	449.58	102.48

Macro	Tipo	Angolo 1-X (gradi)
218	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
218	1	2229	-0.24	-15.41	-0.37	-15.27	-1.43	14.07	-4.38	-3.65	13.33	3.61
218	1	2230	-0.79	-14.95	-0.96	-14.78	-1.56	-2.54	-139.66	-2.55	-139.64	1.46
218	1	2245	0.16	-21.34	-0.19	-20.99	-2.71	10.55	-33.32	-18.93	-3.84	20.60
...												
218	98	2324	-0.75	-13.01	-0.77	-12.98	-0.52	-5.81	-86.92	-7.11	-85.62	10.17
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-40.23	-26.08	-33.18	-28.37		-636.58	-184.45	-623.11	-98.50
			30.37		27.24	7.99	25.40	583.55		211.65	582.57	50.99

Macro	Tipo	Angolo 1-X (gradi)
219	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
219	1	2176	6.14	-18.32	2.59	-14.77	-8.62	40.76	19.46	22.71	37.51	-7.66
219	1	2196	1.38	-23.33	-3.11	-18.84	-9.53	9.66	-77.86	7.79	-75.99	-12.66
219	1	2259	-2.42	-17.35	-3.19	-16.58	3.31	29.76	-56.75	-29.80	2.81	-40.07
...												
219	98	2261	1.03	-14.62	0.71	-14.29	2.24	12.53	-61.19	-4.21	-44.45	-30.88
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-77.44	-40.43	-75.28	-29.09		-927.17	-71.42	-925.15	-116.68
			53.53		37.50	44.77	33.35	993.47		75.12	992.21	56.45

Macro	Tipo	Angolo 1-X (gradi)
220	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
220	1	2196	1.55	-25.37	-2.01	-21.81	-9.12	-13.63	-68.01	-20.15	-61.50	-17.66
220	1	2208	1.15	-29.65	-4.03	-24.47	-11.52	-15.59	-83.88	-19.28	-80.20	-15.43
220	1	2259	-0.81	-17.98	-2.64	-16.15	5.30	58.60	-55.16	48.14	-44.69	-32.88
...												
220	98	2259	-0.53	-18.37	-1.43	-17.47	3.90	52.51	-58.95	42.50	-48.94	-31.87
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-129.35	-56.01	-111.70	-37.71		-881.98	-230.11	-877.16	-158.72
			82.06		53.66	75.49	36.96	759.75		173.18	749.57	97.20

Macro	Tipo	Angolo 1-X (gradi)
221	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
221	1	2208	-2.15	-35.65	-6.01	-31.80	-10.69	5.98	-36.22	5.24	-35.49	-5.53
221	1	2257	4.18	-12.21	2.33	-10.36	5.19	96.02	19.04	21.86	93.20	-14.47
221	1	2259	1.89	-24.77	-2.33	-20.54	9.73	26.46	-68.09	11.50	-53.14	-34.50
...												
221	98	2259	1.39	-22.61	-1.62	-19.61	7.94	12.78	-71.13	4.48	-62.83	-25.05
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-127.14	-58.95	-110.72	-33.54		-639.43	-224.57	-635.87	-129.44
			68.35		53.94	55.90	37.48	587.69		234.84	552.72	117.74

Macro	Tipo	Angolo 1-X (gradi)
222	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
222	1	610	4.30	-67.13	-6.71	-56.12	-25.79	142.62	-119.87	-110.38	133.13	48.99
222	1	2208	-5.15	-41.79	-8.86	-38.07	-11.06	65.76	-53.03	-50.61	63.34	-16.78
222	1	2253	4.11	-23.99	2.61	-22.50	-6.30	237.29	71.32	86.13	222.48	47.31
...												
222	98	2255	1.14	-21.98	0.95	-21.78	2.13	66.81	-33.70	-31.58	64.68	14.45
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-193.70	-31.39	-192.35	-71.34		-810.60	-249.35	-807.67	-98.66
			96.01		36.33	89.51	51.47	1089.58		196.61	1088.75	121.56

Macro	Tipo	Angolo 1-X (gradi)
223	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
223	1	2208	-1.70	-46.94	-5.40	-43.23	-12.41	34.06	-25.74	-1.27	9.59	-29.40
223	1	2255	2.28	-9.34	2.16	-9.22	-1.15	123.18	45.60	47.70	121.08	12.58
223	1	2257	3.68	-17.36	1.43	-15.11	6.50	101.11	23.92	24.12	100.91	3.95
...												
223	98	2257	2.72	-18.40	0.40	-16.09	6.60	69.48	18.13	18.96	68.65	6.47
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-157.41	-52.71	-131.96	-52.66		-674.81	-156.28	-673.34	-111.46
			82.49		48.78	57.10	29.85	651.22		142.99	650.41	139.64

Macro	Tipo	Angolo 1-X (gradi)
224	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
224	1	2330	10.50	-1.23	9.70	-0.43	-2.96	459.00	-22.34	458.71	-22.05	-11.69
224	1	2331	9.08	-3.27	6.33	-0.52	-5.14	132.53	-49.74	124.75	-41.96	36.85
224	1	2332	6.98	-10.27	1.89	-5.19	-7.86	101.68	-48.25	70.82	-17.38	60.62
...												
224	98	2729	8.61	-13.00	3.12	-7.51	9.40	40.68	-73.56	-11.80	-21.07	-56.93
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-67.37	-44.81	-52.32	-44.09		-394.72	-394.15	-275.57	-133.45
			64.02		57.42	56.24	40.35	985.78		985.64	182.42	144.30

Macro	Tipo	Angolo 1-X (gradi)
225	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
225	1	2332	8.33	-11.83	2.93	-6.42	-8.93	71.30	-69.00	43.00	-40.69	56.31
225	1	2333	7.07	-5.71	5.68	-4.32	-3.98	212.94	-43.10	212.73	-42.89	7.36
225	1	2334	4.00	-17.43	-2.02	-11.40	-9.63	66.53	-40.29	7.51	18.73	53.11
...												
225	98	2730	6.58	-18.21	-1.24	-10.39	11.51	54.72	-62.76	-19.53	11.49	-56.66
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-92.30	-51.38	-92.24	-40.25		-862.22	-854.62	-222.69	-121.71
			89.64		51.01	87.32	37.10	1066.54		1066.25	443.94	130.59

Macro	Tipo	Angolo 1-X (gradi)
226	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
226	1	1853	0.67	-26.23	0.60	-26.17	-1.31	208.41	13.24	13.32	208.32	4.07
226	1	1854	3.84	-25.50	3.81	-25.46	-1.03	310.86	15.40	15.41	310.86	1.31

226	1	2192	0.64	-26.25	0.63	-26.24	-0.57	210.80	13.60	13.61	210.79	1.26
...												
226	98	2933	-0.26	-20.48	-1.71	-19.04	5.21	173.99	-4.00	-3.99	173.98	-1.12
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-128.93	-95.10	-122.10	-49.25		-1138.06	-1133.83	-245.48	-91.99
			104.90		77.84	101.95	60.94	1032.58		1031.06	582.12	77.86

Macro	Tipo	Angolo 1-X (gradi)
227	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
227	1	1854	3.87	-28.60	3.84	-28.57	-0.99	311.08	14.76	14.77	311.07	-2.06
227	1	1855	4.35	-28.98	4.33	-28.96	-0.74	119.68	11.22	11.52	119.39	-5.69
227	1	2198	3.87	-28.82	3.85	-28.80	-0.81	316.41	13.04	13.06	316.40	2.00
...												
227	98	2934	-1.14	-21.11	-2.04	-20.20	4.15	111.87	-2.02	-0.86	110.72	11.39
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-137.32	-101.95	-136.61	-49.95		-1123.69	-1123.10	-260.27	-223.77
			98.15		83.20	94.70	53.25	852.52		852.40	583.00	185.32

Macro	Tipo	Angolo 1-X (gradi)
228	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
228	1	175	1.17	-42.95	0.85	-42.63	3.73	27.68	-90.84	-88.81	25.64	-15.40
228	1	180	-0.44	-21.96	-3.94	-18.46	7.94	4.86	-305.21	4.67	-305.02	7.75
228	1	185	-2.44	-17.98	-3.62	-16.80	4.12	3.28	-351.49	3.10	-351.31	8.02
...												
228	98	2934	-1.48	-25.25	-2.21	-24.52	4.10	111.72	1.76	2.87	110.61	10.98
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-157.63	-55.35	-156.15	-72.47		-827.95	-810.77	-827.61	-119.82
			87.17		43.87	84.37	65.22	535.22		533.39	464.75	152.79

Macro	Tipo	Angolo 1-X (gradi)
229	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
229	1	390	-3.24	-47.46	-4.84	-45.86	8.24	-8.63	-83.90	-61.51	-31.02	-34.41
229	1	660	2.19	-40.95	2.13	-40.89	-1.65	8.19	-72.31	-70.54	6.43	11.78
229	1	745	2.00	-38.49	1.97	-38.47	-1.08	15.82	-71.47	-71.34	15.69	3.42
...												
229	98	2939	-2.31	-26.98	-2.67	-26.62	-2.98	77.96	5.10	19.72	63.35	-29.17
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-116.20	-41.30	-112.52	-63.44		-833.40	-674.95	-833.39	-136.83
			66.31		23.16	55.43	60.05	435.75		372.20	407.96	144.72

Macro	Tipo	Angolo 1-X (gradi)
230	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
230	1	2060	2.57	-24.77	1.60	-23.80	-5.07	126.33	8.19	9.58	124.95	-12.71
230	1	2066	3.55	-26.40	2.20	-25.06	-6.20	261.30	12.41	12.59	261.12	-6.67
230	1	2084	3.40	-26.58	3.34	-26.52	1.28	127.93	8.52	8.56	127.89	2.22
...												
230	98	2940	-3.67	-23.35	-7.52	-19.50	-7.81	42.75	-13.19	-10.19	39.76	12.59
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-143.99	-71.74	-139.50	-63.15		-1147.48	-1147.07	-303.10	-187.15
			103.38		48.53	98.90	58.35	812.14		811.58	539.51	217.26

Macro	Tipo	Angolo 1-X (gradi)
231	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
231	1	1847	1.99	-26.45	1.81	-26.27	2.25	220.57	9.33	9.34	220.56	-1.35
231	1	2066	3.72	-23.27	2.15	-21.70	-6.32	260.33	11.54	11.62	260.26	4.39
231	1	2072	2.77	-25.96	0.72	-23.91	-7.38	163.74	6.32	7.93	162.13	15.85
...												
231	98	2940	-3.02	-18.80	-6.58	-15.23	-6.60	51.37	-15.59	-2.10	37.88	26.86
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-141.27	-57.11	-136.74	-67.96		-1211.45	-1211.01	-262.58	-96.59
			123.45		43.46	117.92	57.80	1016.91		1016.15	539.33	94.60

Macro	Tipo	Angolo 1-X (gradi)
232	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
232	1	2343	-1.23	-24.42	-1.32	-24.33	-1.43	266.63	-0.27	-0.10	266.46	6.73
232	1	2344	-5.38	-25.04	-5.43	-24.98	-1.05	1.16	-6.55	-4.41	-0.99	3.45
232	1	2359	3.65	-24.57	0.85	-21.76	-8.45	190.12	-4.80	0.89	184.43	32.79
...												
232	98	2725	6.56	-20.27	1.53	-15.24	-10.47	26.48	-92.83	-32.18	-34.17	59.65
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-112.20	-41.71	-108.42	-48.76		-1014.09	-1012.18	-274.04	-111.55
			105.20		39.16	99.41	48.79	1146.65		1145.61	456.33	108.31

Macro	Tipo	Angolo 1-X (gradi)
233	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
233	1	2344	-5.39	-22.39	-5.45	-22.33	-1.02	0.67	-9.41	-7.93	-0.81	3.56
233	1	2345	-9.17	-22.80	-9.19	-22.78	-0.53	-12.98	-243.58	-12.98	-243.58	-0.29
233	1	2360	1.72	-24.89	-0.83	-22.33	-7.83	25.51	-62.96	-24.06	-13.39	43.91
...												
233	98	2726	7.35	-16.14	5.37	-14.16	-6.54	-7.76	-102.06	-44.04	-65.78	45.88
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-76.33	-38.95	-67.51	-46.30		-455.16	-455.16	-360.95	-128.15
			67.58		51.44	63.56	51.34	1004.15		1003.21	238.32	142.86

Macro	Tipo	Angolo 1-X (gradi)
234	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
234	1	2345	-9.18	-21.40	-9.20	-21.38	-0.50	-15.38	-243.37	-15.39	-243.36	-1.30
234	1	2346	-10.81	-21.61	-10.81	-21.61	2.71e-02	-17.60	-337.82	-17.64	-337.78	-3.65
234	1	2361	-1.04	-25.07	-2.08	-24.04	-4.88	-44.68	-178.89	-50.13	-173.44	26.50
...												
234	98	2727	5.95	-13.26	5.95	-13.26	-0.15	-46.26	-78.28	-48.14	-76.41	7.52
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-59.48	-45.31	-33.55	-45.73		-361.01	-127.37	-361.00	-122.12
			65.31		59.04	40.75	50.41	810.86		809.55	65.62	136.78

Macro	Tipo	Angolo 1-X (gradi)
235	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
235	1	2330	8.27	3.09	7.88	3.48	-1.36	496.40	2.37	495.78	2.98	-17.41
235	1	2331	7.21	-2.13	5.48	-0.40	-3.63	155.22	-36.70	149.44	-30.92	32.78
235	1	2346	-10.81	-21.62	-10.81	-21.62	4.01e-02	-17.63	-337.80	-17.70	-337.73	-4.77
...												
235	98	2728	8.58	-6.87	6.87	-5.16	4.85	24.63	-52.87	9.39	-37.63	-30.80
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-62.08	-46.45	-29.92	-45.11		-338.59	-101.61	-338.53	-128.21
			59.87		57.87	29.51	45.84	755.55		755.52	23.55	132.95

Macro	Tipo	Angolo 1-X (gradi)
236	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
236	1	1848	-2.18	-22.43	-2.35	-22.26	1.87	10.05	-15.73	-10.10	4.42	-10.65
236	1	1849	-6.70	-23.83	-6.75	-23.77	0.97	-20.01	-189.89	-20.85	-189.06	-11.86
236	1	1857	10.43	-11.68	2.86	-4.11	-10.49	109.10	-42.02	75.05	-7.97	63.14
...												
236	98	2923	-4.56	-21.49	-4.72	-21.34	1.60	-17.55	-133.87	-19.34	-132.08	-14.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-93.35	-65.22	-81.98	-74.93		-514.23	-514.20	-299.21	-124.20
			103.11		89.10	81.99	62.01	1027.97		1027.87	242.35	103.08

Macro	Tipo	Angolo 1-X (gradi)
237	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
237	1	2461	18.79	2.80	16.66	4.93	-5.43	235.92	-54.82	233.81	-52.70	24.71
237	1	2462	15.25	6.42	15.18	6.49	0.80	245.06	-29.87	245.06	-29.87	-0.73
237	1	2679	19.23	8.96	19.23	8.96	-2.11e-02	483.44	-36.11	483.42	-36.09	-3.03
...												
237	98	2779	9.44	1.77	9.41	1.81	-0.50	108.03	-41.60	107.70	-41.27	-7.03
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-55.45	-19.58	-42.98	-41.73		-133.82	-50.96	-133.81	-109.06
			67.67		42.81	51.12	44.20	828.54		828.39	77.97	81.08

Macro	Tipo	Angolo 1-X (gradi)
238	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
238	1	2463	18.22	3.48	14.58	7.12	-6.36	470.54	-65.99	469.92	-65.37	18.21
238	1	2464	12.32	-4.23	4.86	3.23	-8.23	341.40	13.20	341.30	13.29	5.68
238	1	2734	15.09	-5.21	10.00	-0.12	-8.80	130.01	-6.32	123.63	5.69e-02	28.80
...												
238	98	2735	10.39	-8.40	3.27	-1.27	-9.12	56.16	-71.85	43.57	-59.26	38.12
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-68.49	-4.44	-50.40	-58.82		-276.64	-270.72	-117.63	-65.84
			86.69		24.38	57.12	48.91	874.80		872.69	131.53	100.33

Macro	Tipo	Angolo 1-X (gradi)
239	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
239	1	2464	15.59	-4.97	8.16	2.46	-9.88	257.68	-46.66	256.28	-45.26	20.60
239	1	2673	3.85	-12.78	-4.83	-4.10	-8.30	84.87	4.16	81.13	7.90	16.96
239	1	2735	14.47	-14.42	4.91	-4.85	-13.60	96.02	-14.08	51.42	30.51	54.05
...												
239	98	2737	8.75	-15.83	-1.50	-5.58	-12.12	26.68	-78.79	7.01	-59.12	41.08
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-98.33	-15.00	-92.50	-62.75		-704.50	-701.35	-235.04	-31.59
			108.85		17.98	87.83	46.68	926.86		926.03	209.55	107.09

Macro	Tipo	Angolo 1-X (gradi)
240	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
240	1	1851	-8.24	-23.13	-8.29	-23.07	-0.90	-19.25	-203.07	-19.31	-203.01	3.33
240	1	1852	-4.03	-21.78	-4.12	-21.68	-1.30	-3.23	-16.14	-8.43	-10.94	6.33
240	1	2018	17.78	-0.40	15.47	1.92	6.06	422.48	-3.23	422.46	-3.20	-3.30
...												
240	98	2931	-0.85	-21.67	-2.73	-19.79	5.98	-2.83	-61.83	-31.86	-32.80	-29.50
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-103.29	-71.34	-46.99	-58.03		-294.84	-293.25	-271.14	-92.43
			96.04		95.81	51.21	69.86	843.90		843.90	190.85	120.09

Macro	Tipo	Angolo 1-X (gradi)
241	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
241	1	1852	-4.14	-24.28	-4.22	-24.20	-1.30	1.63	-14.24	-1.09	-11.52	5.98
241	1	1853	0.73	-22.90	0.66	-22.82	-1.33	208.69	7.78	7.98	208.50	6.28
241	1	2040	10.67	-7.46	5.48	-2.28	8.19	220.30	-21.82	219.67	-21.20	-12.30
...												
241	98	2932	-9.65e-02	-20.84	-2.14	-18.79	6.19	87.52	-18.35	-14.21	83.38	-20.52
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-112.78	-65.79	-76.40	-47.32		-648.36	-648.12	-246.42	-81.06
		90.94		73.21	67.78	68.09	916.22		916.22	377.59	93.88

Macro	Tipo	Angolo 1-X (gradi)
242	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
242	1	1847	2.07	-23.14	1.87	-22.94	2.24	220.61	4.56	4.63	220.54	-3.87
242	1	1848	-2.29	-24.92	-2.44	-24.77	1.84	10.84	-9.80	-3.05	4.09	-9.68
242	1	1857	11.50	-12.82	3.63	-4.96	-11.38	81.28	-63.23	44.03	-25.97	63.21
...												
242	98	2922	-1.44	-22.30	-1.81	-21.94	2.74	3.90	-26.57	-3.72	-18.95	-13.20
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-93.57	-55.42	-63.06	-71.06		-568.00	-565.53	-270.17	-86.38
			85.83		62.88	44.37	55.41	725.38		724.60	431.57	96.12

Macro	Tipo	Angolo 1-X (gradi)
243	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
243	1	2677	-1.51	-11.29	-6.00	-6.80	4.88	38.47	-1.77	14.06	22.64	-19.65
243	1	2678	12.08	-5.85	6.31	-7.46e-02	8.38	196.10	-45.53	193.97	-43.40	-22.60
243	1	2773	6.44	-20.50	-2.23	-11.83	12.58	23.30	-87.56	-15.11	-49.15	-52.75
...												
243	98	2775	9.72	-12.26	3.94	-6.48	9.68	67.74	-21.09	21.91	24.74	-44.39
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-122.38	-21.66	-109.16	-56.46		-924.41	-922.17	-278.27	-115.94
			129.20		23.93	99.79	69.84	1031.97		1031.57	234.54	25.19

Macro	Tipo	Angolo 1-X (gradi)
244	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
244	1	2463	15.17	6.90	13.00	9.06	-3.63	516.07	-5.55	516.06	-5.53	-2.79
244	1	2680	14.90	7.96	13.66	9.19	-2.65	558.71	-22.21	558.60	-22.09	8.15
244	1	2734	12.33	-2.43	9.25	0.66	-6.00	108.45	-64.11	98.17	-53.83	40.84
...												
244	98	2779	8.93	1.29	8.66	1.56	-1.41	98.50	-14.64	97.41	-13.56	-11.03
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-47.07	-1.34	-22.06	-56.24		-135.50	-27.12	-89.00	-89.77
			69.88		22.13	25.66	51.97	712.65		711.74	61.28	99.31

Macro	Tipo	Angolo 1-X (gradi)
245	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
245	1	1849	-6.61	-22.52	-6.67	-22.46	0.99	-25.64	-189.25	-26.21	-188.68	-9.61
245	1	1850	-8.86	-23.01	-8.87	-23.00	-0.35	-31.50	-266.57	-31.59	-266.48	-4.68

245	1	2008	13.91	-2.48	10.82	0.62	-6.42	150.59	-25.98	143.32	-18.71	35.07
...												
245	98	2924	-6.17	-20.96	-6.17	-20.95	-0.26	-28.40	-171.47	-28.54	-171.33	-4.53
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-83.70	-70.71	-29.11	-73.92		-299.68	-128.39	-299.23	-116.91
			109.93		99.08	24.17	69.10	562.43		562.43	98.93	95.34

Macro	Tipo	Angolo 1-X (gradi)
246	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
246	1	1850	-8.87	-23.00	-8.88	-22.99	-0.34	-31.77	-266.56	-31.78	-266.56	-0.60
246	1	1851	-8.14	-21.83	-8.20	-21.77	-0.90	-24.28	-202.54	-24.30	-202.51	2.13
246	1	2009	14.35	2.36	14.33	2.38	0.50	167.98	-31.78	167.88	-31.68	-4.47
...												
246	98	3465	14.61	-18.22	14.49	-18.10	-2.00	269.95	-39.28	269.79	-39.13	-6.95
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-246.66	-172.63	-97.64	-119.06		-789.44	-727.21	-275.67	-275.52
			260.79		200.93	61.40	114.30	1268.26		1253.28	114.44	263.40

Macro	Tipo	Angolo 1-X (gradi)
247	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
247	1	940	1.93	-75.38	-75.35	1.90	-1.63	54.77	33.36	51.02	37.12	-8.15
247	1	3391	-2.93	-41.34	-39.90	-4.37	-7.29	64.15	34.54	36.52	62.18	7.38
247	1	3401	3.40	-49.64	-42.14	-4.09	18.47	26.45	-12.42	23.33	-9.30	-10.56
...												
247	98	3401	3.57	-45.05	-39.94	-1.54	14.91	22.75	-12.29	21.92	-11.46	-5.34
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-151.44	-150.81	-39.44	-26.43		-399.26	-303.22	-238.75	-254.22
			83.82		73.92	35.60	36.31	440.32		344.77	218.29	242.68

Macro	Tipo	Angolo 1-X (gradi)
248	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
248	1	330	-5.95	-89.87	-89.68	-6.14	-3.99	29.11	-31.00	28.73	-30.61	-4.81
248	1	3387	1.35	-51.29	-47.36	-2.57	13.83	17.93	-79.17	-3.49	-57.75	-40.26
248	1	3397	0.89	-48.70	-48.69	0.89	-0.52	24.67	22.35	22.49	24.53	-0.55
...												
248	98	3449	8.07	-42.01	-35.57	1.63	-16.76	25.05	-58.13	-0.55	-32.52	38.39
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-124.10	-113.49	-37.32	-55.46		-696.46	-334.10	-333.33	-318.14
			49.38		31.29	39.58	55.29	584.51		380.66	269.61	394.48

Macro	Tipo	Angolo 1-X (gradi)
249	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
249	1	3407	1.36	-16.36	0.43	-15.43	-3.94	-87.09	-153.50	-141.61	-98.98	25.46
249	1	3408	-2.70	-19.39	-2.73	-19.36	-0.77	-129.23	-204.31	-200.03	-133.50	-17.41
249	1	3409	-3.95	-20.74	-4.47	-20.22	-2.92	-81.45	-161.88	-161.69	-81.64	-3.95
...												
249	98	3455	22.29	3.74	6.44	19.59	6.55	261.60	-10.22	260.13	-8.76	19.89
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-148.07	-123.15	-77.20	-68.30		-714.06	-644.70	-356.00	-239.04
			153.51		128.21	117.04	64.45	519.41		516.30	199.56	211.35

Macro	Tipo	Angolo 1-X (gradi)
250	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
250	1	2941	2.72	-12.43	2.40	-12.11	-2.18	-105.36	-132.21	-127.31	-110.26	10.37
250	1	2942	-7.46	-15.53	-7.60	-15.39	1.08	-124.75	-182.02	-181.06	-125.71	7.35
250	1	2943	-5.11	-15.20	-5.21	-15.10	1.00	-73.11	-122.37	-121.41	-74.07	-6.81
...												
250	98	2991	13.51	-0.85	11.15	1.51	5.32	251.92	-0.53	251.87	-0.48	3.66
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-232.48	-180.28	-56.40	-108.27		-900.15	-886.75	-431.19	-419.34
			243.11		201.94	42.59	110.72	1412.59		1409.48	321.32	430.39

Macro	Tipo	Angolo 1-X (gradi)
251	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
251	1	2941	0.21	-12.36	-0.19	-11.96	-2.22	-112.10	-148.28	-148.24	-112.14	1.22
251	1	2942	-2.65	-16.63	-2.80	-16.47	1.45	-92.08	-156.92	-146.27	-102.74	24.03
251	1	2944	-3.71	-15.42	-3.71	-15.42	-9.03e-02	-91.66	-173.54	-173.53	-91.67	0.82
...												
251	98	3102	5.49	-9.03	-7.72	4.17	4.17	40.17	-89.97	-88.72	38.92	-12.70
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-165.70	-69.10	-66.67	-110.25		-1588.62	-1586.11	-521.59	-197.41
			173.21		77.04	64.79	113.89	1392.91		1392.91	425.41	190.75

Macro	Tipo	Angolo 1-X (gradi)
252	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
252	1	2942	-4.06	-16.16	-4.09	-16.13	0.57	-99.83	-142.47	-138.47	-103.84	-12.44
252	1	2947	-1.85	-16.14	-6.61	-11.38	6.73	-83.55	-117.38	-111.68	-89.25	-12.66
252	1	2948	-7.24	-13.66	-8.40	-12.51	2.47	-67.12	-133.50	-133.41	-67.21	2.43
...												
252	98	2993	9.20	2.78	3.03	8.95	1.23	189.39	-8.18	-8.03	189.24	-5.47
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-180.43	-51.82	-74.05	-157.64		-1503.92	-1359.87	-757.16	-456.40
			158.62		57.55	91.46	168.56	1309.87		1177.72	1043.83	442.86

Macro	Tipo	Angolo 1-X (gradi)
253	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
253	1	2942	-7.43	-15.08	-7.63	-14.88	1.21	-116.75	-167.32	-166.60	-117.47	5.99
253	1	2943	-4.64	-15.84	-5.21	-15.28	2.46	-77.89	-111.15	-110.79	-78.25	-3.40
253	1	2946	-6.98	-15.11	-6.98	-15.10	0.19	-78.47	-129.40	-128.46	-79.40	6.85
...												
253	98	2996	10.73	0.92	9.81	1.84	2.86	261.40	-3.43	261.39	-3.43	1.47
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-205.43	-140.70	-54.76	-158.20		-1682.37	-1482.52	-681.09	-443.66
			220.76		161.80	48.98	159.13	1441.65		1278.69	524.54	449.19

Macro	Tipo	Angolo 1-X (gradi)
254	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
254	1	2942	-4.14	-17.20	-4.61	-16.73	2.43	-86.87	-150.76	-140.30	-97.33	23.64
254	1	2948	-7.85	-13.15	-8.14	-12.87	1.19	-72.12	-134.35	-134.35	-72.12	-0.16
254	1	2949	-4.86	-11.84	-5.90	-10.80	-2.49	-100.31	-150.55	-142.09	-108.77	18.80
...												
254	98	2995	10.82	3.29	3.29	10.81	0.21	200.41	-8.56	-8.55	200.40	1.65
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-169.66	-53.75	-71.53	-158.09		-1509.57	-1342.89	-806.60	-456.68
			155.68		52.39	92.65	159.51	1261.36		1109.52	950.59	453.57

Macro	Tipo	Angolo 1-X (gradi)
255	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
255	1	2942	-3.09	-16.75	-3.10	-16.74	0.44	-108.88	-151.47	-144.95	-115.39	-15.33
255	1	2944	-3.59	-15.67	-3.66	-15.60	0.89	-87.37	-173.75	-173.46	-87.67	5.04
255	1	2945	8.05e-02	-11.28	-0.79	-10.41	3.01	-101.71	-152.14	-149.08	-104.78	12.05
...												
255	98	3104	2.72	-9.59	-9.46	2.59	-1.25	-5.11	-88.77	-88.59	-5.29	3.86
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-132.29	-77.03	-36.32	-109.34		-1591.61	-1584.71	-452.05	-234.35
			132.35		75.34	30.83	112.31	1336.31		1329.81	269.03	225.59

Macro	Tipo	Angolo 1-X (gradi)
256	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
256	1	2941	-1.39	-11.66	-1.63	-11.41	-1.57	-78.61	-93.97	-92.46	-80.12	4.57
256	1	2951	5.48	-16.24	3.47	-14.24	-6.29	-48.14	-61.01	-48.70	-60.45	2.63
256	1	2963	10.94	-11.90	9.32	-10.28	-5.86	15.73	-44.75	15.21	-44.23	5.58
...												
256	98	3018	9.53	-2.96	6.41	0.16	-5.41	278.18	-2.35	278.10	-2.27	4.81
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-206.52	-157.15	-45.49	-96.13		-1014.36	-1013.47	-356.59	-99.52
			224.62		186.04	36.99	88.69	1552.66		1551.65	264.17	120.09

Macro	Tipo	Angolo 1-X (gradi)
257	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
257	1	2941	2.16	-13.70	1.33	-12.87	-3.52	-89.35	-113.74	-113.03	-90.05	4.08
257	1	2953	5.45e-02	-14.31	-7.91	-6.34	-7.14	-31.07	-133.78	-132.64	-32.21	10.75
257	1	2965	1.26	-13.32	-11.46	-0.60	-4.87	14.17	-114.62	-113.93	13.48	9.44
...												
257	98	3019	0.59	-14.32	-13.90	0.18	2.45	16.67	-12.57	-12.49	16.59	-1.50
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-76.87	-71.73	-35.98	-39.17		-1417.17	-1417.03	-260.79	-171.98
			51.33		50.96	22.90	35.28	1395.50		1395.40	234.36	179.97

Macro	Tipo	Angolo 1-X (gradi)
258	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
258	1	2945	-1.62	-11.68	-2.58	-10.72	2.95	-75.18	-90.53	-89.87	-75.84	3.11
258	1	2955	5.18	-17.54	1.53	-13.89	8.34	-46.70	-62.13	-47.27	-61.56	-2.91
258	1	2967	9.95	-15.60	6.35	-12.01	8.88	3.33	-55.23	1.85	-53.75	-9.18
...												
258	98	3020	8.44	-5.99	5.22	-2.78	6.00	206.04	-3.28	205.92	-3.16	4.94
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-228.02	-180.75	-51.00	-90.22		-909.45	-909.44	-360.63	-159.43
			239.25		203.17	34.40	102.89	1327.79		1327.73	265.10	152.65

Macro	Tipo	Angolo 1-X (gradi)
259	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
259	1	2947	-1.12	-19.37	-6.68	-13.81	8.40	-30.11	-74.33	-67.75	-36.69	-15.74
259	1	2957	1.80	-17.80	-12.18	-3.83	8.87	-2.97	-78.27	-74.57	-6.67	-16.28
259	1	2969	4.85	-14.43	-11.48	1.90	6.94	23.16	-59.74	-52.99	16.41	-22.68
...												
259	98	3021	3.83	-2.31	-0.28	1.80	2.89	142.93	3.91	4.16	142.68	-5.89
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-243.24	-136.92	-84.29	-178.00		-1705.22	-1611.27	-1670.44	-358.04
			196.34		113.37	87.57	191.67	1944.10		1592.09	1943.35	328.64

Macro	Tipo	Angolo 1-X (gradi)
260	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
260	1	2949	-6.46	-13.21	-7.61	-12.05	-2.54	-50.42	-92.87	-74.14	-69.15	21.08
260	1	2958	0.25	-17.65	-1.90	-15.50	-5.82	-40.84	-75.21	-57.30	-58.75	17.17
260	1	2970	5.29	-14.86	3.93	-13.51	-5.04	4.73	-57.73	-6.96	-46.04	24.36
...												
260	98	3022	5.09	-5.91	4.37	-5.19	-2.73	190.09	1.94	189.83	2.20	7.02
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-240.28	-90.53	-92.65	-183.83		-1773.55	-1634.15	-1174.19	-243.51
		204.43		91.14	68.61	179.78	1617.05		1517.34	1128.79	289.05

Macro	Tipo	Angolo 1-X (gradi)
261	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
261	1	2949	-3.24	-14.07	-4.44	-12.88	-3.39	-59.68	-113.69	-103.42	-69.94	21.19
261	1	2959	-0.48	-15.70	-11.84	-4.34	-6.63	-18.04	-103.59	-102.19	-19.44	10.88
261	1	2971	4.04	-12.73	-11.21	2.53	-4.81	17.18	-71.92	-69.51	14.77	14.45
...												
261	98	3023	4.75	-0.70	4.26e-02	4.00	-1.87	170.17	2.23	2.30	170.10	3.27
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-234.43	-115.59	-88.70	-184.74		-1814.07	-1743.12	-1561.20	-341.48
			196.23		102.80	96.39	179.22	1891.42		1656.53	1888.59	371.73

Macro	Tipo	Angolo 1-X (gradi)
262	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
262	1	2947	-2.85	-18.21	-7.67	-13.38	7.13	-24.87	-58.61	-39.89	-43.58	-16.77
262	1	2960	3.58	-18.98	-0.68	-14.72	8.83	-14.52	-62.87	-29.19	-48.21	-22.23
262	1	2972	7.64	-14.17	4.26	-10.80	7.88	20.88	-55.12	4.33	-38.57	-31.37
...												
262	98	3024	5.77	-5.02	0.46	0.30	5.39	188.15	0.27	188.15	0.28	-0.60
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-241.00	-108.24	-74.79	-175.89		-1633.42	-1507.64	-1093.60	-269.33
			197.43		107.96	55.35	187.44	1534.15		1445.99	1090.57	237.79

Macro	Tipo	Angolo 1-X (gradi)
263	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
263	1	2945	2.36	-12.75	1.04	-11.43	4.27	-91.96	-106.61	-106.61	-91.96	0.13
263	1	2961	1.88	-14.60	-7.97	-4.75	8.08	-15.42	-134.73	-134.31	-15.85	-7.12
263	1	2973	3.86	-13.41	-10.65	1.10	6.33	28.88	-126.39	-125.42	27.91	-12.23
...												
263	98	3025	2.35	-11.50	-11.50	2.35	0.10	37.11	-43.05	-43.02	37.07	1.64
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-119.74	-102.09	-44.97	-51.97		-1424.17	-1414.80	-282.29	-201.00
			102.60		80.11	39.17	53.03	1344.45		1333.42	251.69	197.67

Macro	Tipo	Angolo 1-X (gradi)
264	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
264	1	2998	3.59	-26.49	-5.96	-16.94	-14.00	22.11	-4.43	7.30	10.38	13.18
264	1	3002	7.17	-18.07	1.76	-12.66	-10.35	26.26	-8.40	18.43	-0.58	14.49

264	1	3010	9.30	-10.82	4.61	-6.13	-8.51	109.83	-5.22	109.08	-4.47	9.24
...												
264	98	3038	4.21	-16.54	-5.86	-6.48	-10.37	242.75	5.76	242.74	5.77	1.16
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-150.11	-114.17	-96.70	-65.76		-1068.90	-1068.61	-226.77	-226.25
			150.81		127.29	69.97	55.03	1526.29		1525.86	240.15	267.13

Macro	Tipo	Angolo 1-X (gradi)
265	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
265	1	2998	4.30	-28.01	-11.76	-11.95	-16.16	22.90	-8.43	-2.60	17.07	12.19
265	1	3003	-3.88e-02	-20.41	-16.72	-3.73	-7.85	8.02	-26.50	-7.33	-11.15	17.16
265	1	3011	-0.85	-19.04	-18.58	-1.31	-2.87	11.34	-11.90	-11.37	10.82	3.45
...												
265	98	3039	-2.23	-21.27	-20.52	-2.98	3.71	51.06	16.10	49.95	17.22	6.14
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-148.91	-118.90	-62.13	-51.19		-1437.84	-1437.13	-407.58	-253.01
			92.01		77.36	49.02	35.01	1423.05		1422.50	434.54	304.75

Macro	Tipo	Angolo 1-X (gradi)
266	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
266	1	2999	5.37	-26.10	-4.99	-15.74	14.79	21.82	19.93	20.51	21.25	0.87
266	1	3004	7.36	-20.08	0.66	-13.37	11.79	22.04	-7.07	11.36	3.61	-14.03
266	1	3012	9.33	-16.03	2.73	-9.43	11.13	51.93	-12.24	49.19	-9.50	-12.98
...												
266	98	3040	4.05	-17.48	-3.23	-10.19	10.19	152.41	-0.73	152.37	-0.69	2.44
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-175.68	-136.53	-107.04	-64.93		-1062.76	-1062.45	-141.73	-218.52
			172.73		147.70	81.32	77.02	1394.81		1394.54	193.95	213.97

Macro	Tipo	Angolo 1-X (gradi)
267	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
267	1	3000	3.55	-38.06	-19.79	-14.72	20.65	62.54	9.55	24.87	47.22	-24.02
267	1	3005	2.40	-21.41	-14.70	-4.31	10.71	30.90	-18.89	4.46	7.55	-24.85
267	1	3013	4.11	-15.10	-9.54	-1.45	8.71	34.97	-19.65	-5.07	20.39	-24.16
...												
267	98	3041	-0.32	-14.26	-10.17	-4.41	6.34	71.25	5.51	5.56	71.20	-1.81
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-267.85	-156.18	-78.17	-134.07		-1957.84	-1328.53	-1957.46	-415.26
			206.16		135.66	83.07	168.08	2135.67		1364.10	2135.54	359.61

Macro	Tipo	Angolo 1-X (gradi)
268	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
268	1	3001	0.88	-30.48	-9.67	-19.92	-14.82	41.85	-18.01	10.92	12.92	29.91
268	1	3006	2.24	-21.53	-2.64	-16.65	-9.60	29.23	-30.68	1.47	-2.93	29.87
268	1	3014	4.41	-15.70	1.09	-12.39	-7.46	57.39	-20.05	43.19	-5.86	29.96
...												
268	98	3042	0.59	-15.91	-3.57	-11.75	-7.16	104.90	5.56	104.75	5.71	3.89
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-263.52	-118.16	-101.93	-173.74		-1355.92	-1159.39	-908.67	-358.89
			214.48		107.45	69.20	149.31	1323.73		1171.56	925.00	425.27

Macro	Tipo	Angolo 1-X (gradi)
269	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
269	1	3001	2.87	-30.63	-14.76	-13.00	-16.72	30.27	-25.74	-11.33	15.85	24.49
269	1	3007	2.58	-20.72	-14.89	-3.24	-10.09	15.68	-34.35	-18.91	0.24	23.11
269	1	3015	4.46	-13.47	-9.17	0.16	-7.65	40.29	-23.67	-14.97	31.59	21.93
...												
269	98	3043	0.18	-13.62	-9.91	-3.54	-6.12	104.27	4.88	4.88	104.27	-0.14
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-260.15	-146.58	-82.51	-171.67		-1904.23	-1433.23	-1902.39	-362.07
			210.50		126.55	91.39	144.03	2152.88		1408.77	2151.58	428.90

Macro	Tipo	Angolo 1-X (gradi)
270	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
270	1	3000	3.03	-36.74	-12.27	-21.43	19.35	62.13	11.23	39.46	33.91	-25.30
270	1	3008	3.68	-22.15	-4.48	-13.99	12.01	41.57	-23.13	12.73	5.72	-32.16
270	1	3016	5.15	-14.86	-2.05	-7.66	9.60	55.30	-19.40	42.27	-6.37	-28.34
...												
270	98	3044	0.79	-15.05	-7.05	-7.22	7.92	97.39	4.45	97.38	4.47	-1.09
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-270.72	-131.37	-87.83	-146.26		-1247.02	-1049.51	-822.23	-392.45
			211.72		117.36	66.13	178.14	1264.23		1108.36	872.73	339.83

Macro	Tipo	Angolo 1-X (gradi)
271	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
271	1	2999	7.59	-26.25	-9.99	-8.67	16.91	23.15	6.45	6.52	23.08	1.05
271	1	3009	4.21	-20.47	-15.37	-0.89	9.99	19.88	-27.40	-22.13	14.61	-14.88
271	1	3017	2.60	-18.92	-17.06	0.74	6.05	19.14	-39.12	-38.81	18.83	-4.22
...												
271	98	3045	-1.22	-21.33	-21.31	-1.24	-0.62	20.52	-5.17	20.18	-4.83	2.94
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-144.51	-140.50	-80.25	-40.33		-1534.04	-1531.10	-349.83	-273.87
			104.52		98.64	65.50	48.88	1456.92		1453.56	380.38	264.91

Macro	Tipo	Angolo 1-X (gradi)
272	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
272	1	3026	2.83	-43.86	-19.38	-21.65	-23.32	32.78	-31.00	-5.23	7.01	31.30
272	1	3030	2.28	-25.23	-10.26	-12.69	-13.70	96.30	8.86	96.16	8.99	-3.40
272	1	3038	-1.97	-21.48	-9.27	-14.18	-9.44	209.04	-0.49	209.04	-0.48	0.74
...												
272	98	3050	2.45	-34.52	-20.35	-11.72	-17.97	269.05	1.69	268.96	1.77	-4.74
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-185.45	-148.71	-103.84	-75.36		-1034.61	-1034.49	-112.04	-304.64
			106.96		96.27	68.81	34.83	1425.88		1425.81	122.64	349.80

Macro	Tipo	Angolo 1-X (gradi)
273	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
273	1	3026	-0.70	-40.76	-30.05	-11.41	-17.73	50.96	-18.88	29.56	2.53	32.20
273	1	3031	-5.53	-29.46	-28.78	-6.21	-3.98	69.17	-2.71	69.15	-2.69	-1.20
273	1	3039	-4.01	-28.37	-26.90	-5.48	5.80	39.91	14.12	36.96	17.07	8.21
...												
273	98	3051	0.51	-32.17	-31.94	0.28	2.77	83.40	56.29	82.52	57.17	-4.80
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-170.70	-168.87	-71.61	-55.90		-890.21	-873.69	-449.62	-341.66
			96.01		94.87	55.34	39.77	933.32		931.83	568.74	391.81

Macro	Tipo	Angolo 1-X (gradi)
274	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
274	1	3027	3.33	-39.60	-14.68	-21.59	21.18	28.56	24.19	25.75	26.99	-2.09
274	1	3032	2.52	-27.05	-8.61	-15.92	14.33	49.31	15.71	49.26	15.76	1.24
274	1	3040	-1.71	-24.10	-6.00	-19.82	8.81	106.94	-5.31	106.83	-5.20	3.51
...												
274	98	3052	4.99	-32.35	-8.77	-18.59	18.01	170.96	-0.12	170.28	0.56	10.77
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-188.31	-135.02	-112.98	-34.44		-1136.38	-1134.95	-165.77	-298.48
			119.24		99.82	78.57	74.53	1364.92		1363.32	208.21	301.98

Macro	Tipo	Angolo 1-X (gradi)
275	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
275	1	3028	2.40	-43.70	-26.54	-14.76	22.28	53.45	14.42	37.24	30.63	-19.23
275	1	3033	-1.45	-24.56	-16.86	-9.15	10.89	31.83	0.74	20.50	12.06	-14.96
275	1	3041	-3.97	-20.98	-18.50	-6.45	6.01	18.75	1.73	1.75	18.73	-0.61
...												
275	98	3053	1.07	-19.55	-13.21	-5.27	9.51	28.22	-3.04	-3.02	28.20	-0.75
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-168.42	-167.27	-121.35	-25.48		-1703.85	-314.40	-1703.33	-353.32
			146.14		140.74	106.43	52.13	1766.64		372.31	1766.07	343.46

Macro	Tipo	Angolo 1-X (gradi)
276	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
276	1	3029	0.75	-42.51	-13.15	-28.61	-20.20	54.32	-1.56	21.96	30.81	27.59
276	1	3034	-1.58	-27.96	-8.60	-20.94	-11.65	45.06	-4.49	28.60	11.98	23.34
276	1	3042	-3.43	-23.23	-5.35	-21.31	-5.86	39.80	-4.34	39.75	-4.28	1.60
...												
276	98	3054	2.19	-27.14	-5.63	-19.31	-12.97	43.29	-6.80	43.22	-6.73	-1.85
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-156.69	-116.80	-92.39	-95.67		-731.36	-730.43	-178.47	-378.92
			135.60		109.25	51.64	70.82	833.45		832.41	226.23	423.68

Macro	Tipo	Angolo 1-X (gradi)
277	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
277	1	3029	3.58	-43.94	-24.73	-15.62	-23.32	50.76	-1.15	29.47	20.14	25.53
277	1	3035	-0.81	-24.56	-16.85	-8.52	-11.12	31.50	-2.06	14.68	14.76	16.78
277	1	3043	-3.25	-21.23	-18.97	-5.51	-5.96	58.78	-0.88	-0.88	58.78	-0.35
...												
277	98	3055	-0.41	-21.65	-15.21	-6.85	-9.76	51.85	-5.39	-5.37	51.84	0.91
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-171.22	-171.16	-107.51	-61.37		-1716.97	-420.80	-1716.97	-370.99
			142.96		140.63	82.54	21.37	1847.48		464.82	1847.48	388.72

Macro	Tipo	Angolo 1-X (gradi)
278	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
278	1	3028	2.98	-44.74	-15.39	-26.37	23.22	47.66	10.27	26.99	30.95	-18.59
278	1	3036	-0.20	-26.49	-10.67	-16.02	12.87	37.78	-0.63	25.63	11.52	-17.86
278	1	3044	-4.58	-20.27	-9.81	-15.04	7.40	36.79	-3.49	36.78	-3.48	-0.64
...												
278	98	3056	1.88	-23.12	-6.90	-14.34	11.93	51.47	-0.96	51.40	-0.89	1.89
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-165.81	-130.45	-106.84	-70.02		-603.59	-466.51	-124.22	-414.06
			139.69		115.39	71.55	101.44	616.51		563.00	153.44	383.53

Macro	Tipo	Angolo 1-X (gradi)
279	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
279	1	3027	5.46	-39.76	-25.02	-9.28	21.20	48.91	29.41	46.06	32.26	-6.89
279	1	3037	-1.36	-28.67	-26.28	-3.76	7.73	49.27	0.84	48.88	1.23	-4.32
279	1	3045	-4.31	-29.38	-29.37	-4.32	-0.59	43.30	-15.70	43.15	-15.55	3.03
...												
279	98	3057	1.00	-36.20	-36.20	0.99	-0.36	1.50	-17.13	0.86	-16.48	3.40
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-195.35	-188.46	-84.47	-24.60		-1068.71	-1066.56	-406.14	-395.20
		125.03		123.99	72.29	58.50	1122.97		1121.47	383.07	391.55

Macro	Tipo	Angolo 1-X (gradi)
280	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
280	1	840	11.26	-61.32	-30.25	-19.80	-35.91	116.06	58.38	116.04	58.41	-1.28
280	1	3046	2.08	-59.06	-28.68	-28.30	-30.57	-12.12	-109.11	-94.36	-26.87	34.83
280	1	3050	-4.12	-43.56	-18.38	-29.30	-18.95	244.75	2.68	244.72	2.71	-2.77
...												
280	98	3050	-1.17	-38.16	-15.45	-23.87	-18.01	244.54	3.40	244.53	3.41	-1.31
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-193.42	-118.29	-83.83	-95.87		-610.65	-500.48	-89.18	-223.63
			90.72		69.38	35.13	38.18	968.15		968.04	132.31	283.54

Macro	Tipo	Angolo 1-X (gradi)
281	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
281	1	840	0.14	-65.35	-64.41	-0.80	7.82	33.06	13.45	31.31	15.20	5.59
281	1	3046	-1.83	-46.38	-42.20	-6.01	-12.99	42.91	-55.62	13.80	-26.51	44.95
281	1	3051	-2.96	-44.51	-43.67	-3.80	5.84	57.78	44.41	54.09	48.11	-5.98
...												
281	98	3051	-1.40	-42.87	-41.76	-2.51	6.68	52.72	24.63	51.64	25.71	-5.40
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-147.89	-146.65	-31.44	-39.32		-385.65	-169.13	-189.10	-287.59
			72.76		70.37	23.75	35.94	357.47		232.18	238.56	357.32

Macro	Tipo	Angolo 1-X (gradi)
282	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
282	1	500	10.11	-76.37	-41.21	-25.06	42.48	126.79	55.02	126.66	55.16	3.14
282	1	3047	2.99	-48.73	-22.52	-23.22	25.85	-13.84	-18.82	-18.31	-14.35	1.51
282	1	3052	-3.16	-43.58	-10.68	-36.06	15.73	142.14	-0.67	142.12	-0.65	1.76
...												
282	98	3052	-1.14	-36.78	-8.84	-29.08	14.67	149.07	-0.17	149.07	-0.17	-0.34
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-215.29	-133.14	-86.29	-57.53		-679.69	-679.69	-136.18	-285.67
			128.87		90.05	46.42	106.59	961.10		961.10	193.43	284.41

Macro	Tipo	Angolo 1-X (gradi)
283	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
283	1	560	2.54	-29.62	-22.64	-4.44	13.26	39.10	27.03	39.08	27.04	0.37
283	1	3048	1.45	-39.86	-28.30	-10.12	18.55	21.86	1.00	4.57	18.30	7.85

283	1	3053	-5.69	-32.46	-30.54	-7.62	6.91	1.53	-2.16	-9.18e-02	-0.53	-1.83
...												
283	98	3053	-4.48	-27.07	-25.51	-6.05	5.73	6.06	-1.71	-0.71	5.05	-2.61
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-172.56	-163.18	-110.07	-58.82		-1010.46	-211.14	-1004.48	-262.73
			130.00		119.65	93.78	92.94	1020.23		277.69	1013.55	270.16

Macro	Tipo	Angolo 1-X (gradi)
284	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
284	1	535	6.51	-38.92	-9.21	-23.20	-21.61	55.37	39.85	39.89	55.33	-0.80
284	1	3049	-0.46	-41.54	-10.53	-31.46	-17.67	13.87	-8.98	10.80	-5.92	-7.79
284	1	3054	-4.41	-39.41	-7.90	-35.92	-10.48	6.35	-7.83	6.20	-7.68	1.44
...												
284	98	3054	-3.11	-32.66	-6.50	-29.28	-9.41	19.67	-6.98	19.37	-6.68	2.80
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-134.10	-76.31	-114.27	-97.86		-517.32	-516.90	-72.02	-182.66
			104.13		59.02	60.03	65.23	585.62		585.22	165.16	175.40

Macro	Tipo	Angolo 1-X (gradi)
285	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
285	1	535	0.73	-41.38	-32.32	-8.33	-17.30	46.00	37.34	40.93	42.41	-4.26
285	1	3049	5.28	-44.27	-27.02	-11.98	-23.61	25.51	1.58	4.32	22.78	-7.61
285	1	3055	-4.14	-35.62	-33.51	-6.26	-7.88	23.76	-5.55	-5.53	23.74	0.71
...												
285	98	3055	-3.14	-29.63	-27.95	-4.82	-6.46	25.60	-5.25	-5.22	25.57	1.01
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-177.07	-176.57	-92.32	-65.15		-1030.40	-266.59	-1029.90	-315.63
			127.30		125.69	73.31	22.35	1080.43		336.10	1080.03	309.74

Macro	Tipo	Angolo 1-X (gradi)
286	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
286	1	560	4.50	-33.08	-8.64	-19.93	17.92	42.32	41.19	42.04	41.47	-0.49
286	1	3048	1.72	-42.90	-11.58	-29.59	20.41	12.94	-4.80	8.99	-0.85	7.38
286	1	3056	-3.73	-34.45	-7.93	-30.25	10.55	20.83	-0.39	20.81	-0.37	-0.65
...												
286	98	3056	-2.28	-28.66	-6.36	-24.57	9.54	30.02	-0.51	29.96	-0.45	-1.33
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-153.64	-82.87	-118.77	-75.97		-693.42	-693.29	-58.37	-135.60
			119.75		63.82	67.62	104.22	746.75		746.69	128.58	142.09

Macro	Tipo	Angolo 1-X (gradi)
287	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
287	1	500	-3.54	-84.55	-84.25	-3.83	4.86	128.06	31.69	125.34	34.42	-15.97
287	1	3047	2.70	-48.12	-40.51	-4.91	18.13	-10.19	-20.57	-19.20	-11.55	3.51
287	1	3057	-1.55	-45.58	-45.51	-1.62	-1.70	5.53	-8.91	4.14	-7.52	4.27
...												
287	98	3057	0.93	-43.55	-43.36	0.74	-2.90	7.89	-21.29	7.61	-21.01	2.83
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-213.17	-206.37	-35.51	-21.35		-419.64	-145.06	-196.50	-341.93
			132.45		132.43	30.46	35.73	399.66		170.94	169.58	351.21

Macro	Tipo	Angolo 1-X (gradi)
288	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
288	1	3062	7.75	-5.92	7.59	-5.75	-1.48	-52.68	-108.00	-96.61	-64.08	22.37
288	1	3063	0.43	-7.54	0.13	-7.24	1.53	-105.38	-206.00	-204.26	-107.12	13.14
288	1	3064	1.86	-7.93	1.79	-7.86	0.83	-33.40	-115.06	-114.79	-33.67	4.72
...												
288	98	3112	17.14	-1.73	16.84	-1.43	2.36	145.18	-4.82	145.18	-4.82	-0.33
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-303.00	-296.43	-107.46	-150.47		-2533.40	-2151.00	-952.01	-771.43
			331.47		326.83	94.33	160.56	2355.25		1991.77	870.99	809.34

Macro	Tipo	Angolo 1-X (gradi)
289	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
289	1	3062	5.74	-6.53	5.61	-6.39	-1.27	-91.90	-136.77	-136.24	-92.43	-4.84
289	1	3063	3.66	-7.76	3.56	-7.66	1.07	-12.06	-153.76	-129.66	-36.16	53.23
289	1	3065	3.01	-6.30	2.64	-5.93	1.82	-43.05	-198.85	-198.22	-43.68	9.86
...												
289	98	3212	6.33	-9.66	-8.57	5.23	4.04	50.29	-85.09	-84.65	49.85	-7.74
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-308.11	-271.03	-90.84	-161.42		-2021.18	-1806.90	-1091.00	-721.95
			300.25		267.49	86.99	163.82	1819.75		1576.26	942.24	711.03

Macro	Tipo	Angolo 1-X (gradi)
290	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
290	1	3063	0.20	-7.91	-0.14	-7.57	1.62	-105.69	-207.01	-205.32	-107.38	12.94
290	1	3064	2.37	-8.80	1.64	-8.07	2.76	-31.30	-106.14	-105.49	-31.95	6.92
290	1	3067	1.12	-7.72	0.63	-7.22	2.03	-36.69	-124.43	-123.98	-37.14	6.27
...												
290	98	3117	18.90	-1.52	18.56	-1.18	2.61	147.46	-9.54	147.45	-9.53	1.03
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-303.87	-296.78	-110.34	-88.01		-1788.19	-1781.73	-944.75	-501.29
			332.13		327.16	97.04	96.34	1773.51		1773.40	863.30	521.90

Macro	Tipo	Angolo 1-X (gradi)
291	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
291	1	3063	4.29	-8.30	4.10	-8.11	1.52	-78.22	-137.51	-135.22	-80.50	-11.40
291	1	3065	2.72	-6.43	2.31	-6.02	1.90	-31.06	-199.05	-198.75	-31.36	7.08
291	1	3066	7.87	-5.87	5.97	-3.97	4.74	-33.95	-144.73	-128.39	-50.29	39.28
...												
291	98	3214	4.65	-8.94	-8.94	4.64	-0.24	37.71	-94.95	-94.73	37.48	-5.46
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-305.11	-261.93	-56.76	-159.21		-1951.73	-1946.44	-972.79	-627.40
			294.29		256.97	56.59	162.16	1783.40		1733.30	891.59	657.05

Macro	Tipo	Angolo 1-X (gradi)
292	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
292	1	3062	4.51	-4.91	4.43	-4.83	-0.86	-48.82	-59.56	-57.54	-50.83	4.19
292	1	3072	10.64	-10.70	9.42	-9.47	-4.96	-16.24	-38.29	-16.24	-38.28	0.32
292	1	3084	16.93	-9.08	16.51	-8.66	-3.27	39.21	-35.94	39.20	-35.93	0.69
...												
292	98	3139	12.86	-6.82	12.84	-6.80	-0.51	151.94	0.92	151.84	1.02	3.92
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-252.12	-228.86	-70.50	-181.15		-2832.67	-2526.40	-1740.70	-582.31
			264.73		248.77	55.31	179.82	2821.34		2512.16	1724.63	578.30

Macro	Tipo	Angolo 1-X (gradi)
293	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
293	1	3062	6.05	-7.30	5.28	-6.53	-3.10	-78.76	-107.77	-107.14	-79.39	-4.24
293	1	3074	1.61	-6.53	-2.78	-2.14	-4.05	-30.05	-141.35	-139.52	-31.88	14.16
293	1	3086	2.88	-9.63	-8.60	1.85	-3.44	-1.05	-134.94	-134.30	-1.69	9.18
...												
293	98	3244	2.93	-15.07	-13.34	1.20	5.31	30.97	-15.94	-15.62	30.65	-3.84
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-252.20	-244.79	-81.31	-179.90		-2805.73	-2590.62	-2002.95	-685.32
			246.98		243.52	77.74	174.88	2783.22		2574.63	1973.59	680.17

Macro	Tipo	Angolo 1-X (gradi)
294	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
294	1	3066	6.49	-7.81	3.72	-5.05	5.65	-5.61	-46.35	-38.58	-13.38	16.01
294	1	3076	13.46	-13.05	9.46	-9.05	9.49	11.31	-11.87	11.31	-11.87	-0.11
294	1	3088	16.74	-10.96	14.00	-8.23	8.26	46.29	-28.17	44.91	-26.79	-10.04
...												
294	98	3141	9.13	-8.69	8.19	-7.75	3.98	89.82	-0.24	89.82	-0.24	0.26
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-265.11	-181.96	-86.18	-183.84		-2369.93	-2157.46	-1437.93	-445.00
			236.65		196.42	71.56	192.72	2465.41		2227.65	1507.90	477.14

Macro	Tipo	Angolo 1-X (gradi)
295	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
295	1	3068	7.53	-9.99	3.81	-6.27	7.16	-44.59	-93.98	-80.84	-57.73	21.83
295	1	3078	4.74	-9.81	-3.81	-1.27	7.16	-6.85	-112.71	-111.31	-8.24	-12.07
295	1	3090	5.19	-12.59	-9.62	2.22	6.64	12.00	-114.63	-112.81	10.18	-15.05
...												
295	98	3134	2.53	-13.90	-12.20	0.83	5.00	19.60	-2.79	-1.25	18.06	-5.67
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-173.75	-110.11	-60.36	-107.10		-2092.04	-2088.39	-1152.30	-333.09
			158.60		86.09	58.10	125.74	2090.46		2088.94	1202.37	366.84

Macro	Tipo	Angolo 1-X (gradi)
296	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
296	1	3070	3.98	-5.13	3.80	-4.95	1.26	-63.11	-80.74	-75.77	-68.08	7.93
296	1	3079	9.13	-9.54	8.44	-8.84	-3.53	-31.19	-52.21	-31.42	-51.98	-2.19
296	1	3091	15.76	-8.27	15.57	-8.08	-2.12	30.70	-47.22	30.66	-47.18	-1.78
...												
296	98	3143	13.90	-7.46	13.82	-7.37	-1.32	173.16	6.24	173.14	6.25	1.40
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-213.21	-207.88	-68.57	-104.22		-1760.77	-1641.57	-879.84	-349.79
			253.39		248.69	54.40	106.69	1717.64		1584.11	829.43	345.59

Macro	Tipo	Angolo 1-X (gradi)
297	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
297	1	3070	7.15	-6.64	7.14	-6.62	-0.39	-97.72	-122.30	-121.96	-98.06	-2.84
297	1	3080	0.27	-7.06	-3.31	-3.49	-3.66	-42.40	-152.02	-150.86	-43.56	11.20
297	1	3092	1.36	-9.81	-8.55	0.11	-3.53	-9.26	-138.88	-137.98	-10.16	10.77
...												
297	98	3136	1.17	-13.60	-12.96	0.53	-3.01	16.82	-23.95	-17.65	10.51	14.75
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-146.84	-67.61	-42.14	-107.66		-1937.09	-1937.05	-1046.75	-320.12
			135.30		70.11	36.41	95.90	1856.98		1856.79	984.98	317.65

Macro	Tipo	Angolo 1-X (gradi)
298	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
298	1	3068	6.36	-7.69	4.27	-5.60	5.00	-16.93	-46.70	-41.63	-22.00	11.19
298	1	3081	13.09	-12.53	9.95	-9.39	8.40	14.60	-21.87	14.60	-21.87	-0.44
298	1	3093	17.61	-10.18	15.60	-8.17	7.21	49.87	-31.78	49.18	-31.09	-7.47
...												
298	98	3145	9.94	-5.23	9.20	-4.50	3.26	110.26	-0.38	110.26	-0.38	-0.45
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-236.54	-230.05	-76.24	-115.92		-1817.21	-1690.54	-1019.20	-317.93
		269.16		266.79	61.14	123.95	1896.03		1752.95	1067.85	344.23

Macro	Tipo	Angolo 1-X (gradi)
299	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
299	1	3066	9.47	-8.02	5.83	-4.38	7.10	-40.15	-94.65	-79.56	-55.23	24.39
299	1	3082	6.33	-9.40	-3.86	0.79	7.52	11.66	-122.35	-121.71	11.03	-9.22
299	1	3094	6.42	-11.28	-8.52	3.65	6.42	27.43	-124.15	-122.64	25.92	-15.07
...												
299	98	3246	1.22	-14.04	-13.63	0.81	-2.47	19.09	-35.70	-35.70	19.09	0.56
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-267.51	-149.02	-66.72	-166.36		-2478.87	-2410.78	-1693.17	-483.61
			241.35		143.10	67.95	177.71	2543.16		2456.69	1767.84	520.90

Macro	Tipo	Angolo 1-X (gradi)
300	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
300	1	2989	3.95	-12.68	-12.68	3.94	0.25	33.76	-90.95	-87.35	30.15	-20.90
300	1	3019	-0.16	-15.71	-15.70	-0.17	0.44	20.46	11.26	18.89	12.83	3.46
300	1	3102	7.41	-11.60	-10.24	6.05	4.89	4.30	-88.99	-85.06	0.38	-18.72
...												
300	98	3134	2.87	-14.71	-13.01	1.17	5.20	14.39	-23.06	-21.72	13.05	-6.95
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-124.12	-114.73	-22.54	-43.71		-1735.38	-1706.94	-369.82	-231.69
			95.30		89.16	32.38	51.91	1693.59		1667.24	367.81	219.01

Macro	Tipo	Angolo 1-X (gradi)
301	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
301	1	2997	7.17	-9.40	-9.27	7.04	1.42	10.10	-108.24	-107.28	9.13	-10.64
301	1	3025	2.29	-13.45	-13.45	2.29	-6.09e-02	42.00	-31.89	-31.87	41.99	-0.90
301	1	3104	2.97	-12.78	-11.96	2.16	-3.50	31.47	-91.97	-90.96	30.47	-11.08
...												
301	98	3136	1.42	-14.80	-12.84	-0.54	-5.28	-0.51	-41.68	-31.51	-10.69	17.76
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-125.20	-97.32	-31.70	-78.25		-1660.16	-1591.64	-366.28	-346.40
			110.67		74.56	36.67	72.81	1600.92		1528.18	346.97	344.29

Macro	Tipo	Angolo 1-X (gradi)
302	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
302	1	3119	6.40	-19.20	-0.84	-11.96	-11.53	18.73	16.45	18.56	16.63	0.60
302	1	3123	9.34	-14.92	6.96	-12.55	-7.21	34.05	1.31	33.70	1.66	3.38

302	1	3131	11.57	-11.32	10.77	-10.51	-4.21	69.03	-0.71	68.79	-0.47	4.14
...												
302	98	3159	1.70	-15.54	0.36	-14.20	-4.61	125.47	2.80	125.47	2.80	0.62
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-300.33	-172.72	-121.79	-215.22		-2070.33	-1687.58	-1537.61	-452.29
			269.47		151.75	102.28	196.08	2099.95		1717.04	1565.69	451.55

Macro	Tipo	Angolo 1-X (gradi)
303	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
303	1	3119	5.52	-20.41	-7.33	-7.56	-12.96	14.92	4.01	5.87	13.06	-4.11
303	1	3124	0.45	-16.61	-13.74	-2.42	-6.38	7.71	-17.90	2.37	-12.56	10.40
303	1	3132	0.34	-18.27	-17.79	-0.14	-2.95	1.21	-14.71	-13.72	0.22	3.83
...												
303	98	3264	-7.18e-02	-23.85	-21.34	-2.58	7.31	48.02	10.31	47.82	10.51	2.69
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-296.74	-206.86	-72.20	-196.74		-2624.30	-2585.87	-1916.21	-531.91
			264.64		170.76	56.61	175.25	2611.39		2579.02	1939.35	519.94

Macro	Tipo	Angolo 1-X (gradi)
304	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
304	1	3120	9.89	-25.70	-2.11	-13.70	16.82	80.66	46.62	61.80	65.47	16.92
304	1	3125	9.82	-16.07	5.05	-11.31	10.04	53.71	29.05	52.63	30.13	-5.06
304	1	3133	9.73	-13.81	6.54	-10.62	8.06	43.68	1.18	41.53	3.33	-9.31
...												
304	98	3161	1.09	-17.53	-1.27	-15.17	6.19	35.13	2.45	35.11	2.47	-0.76
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-317.26	-182.38	-125.00	-186.57		-1677.20	-1436.01	-1221.20	-331.64
			276.32		161.47	102.98	214.09	1806.97		1534.83	1328.27	360.94

Macro	Tipo	Angolo 1-X (gradi)
305	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
305	1	3121	7.95	-26.28	-11.07	-7.26	17.01	64.76	31.36	43.32	52.80	16.02
305	1	3126	2.90	-19.08	-14.05	-2.13	9.23	32.67	7.26	29.35	10.57	-8.56
305	1	3134	0.65	-19.28	-18.09	-0.54	4.72	6.50	-1.61	3.45	1.44	-3.93
...												
305	98	3154	0.11	-21.83	-19.19	-2.53	7.14	52.49	-5.71	52.25	-5.46	3.80
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-215.91	-185.86	-40.04	-108.30		-2060.76	-2029.63	-1252.14	-227.47
			167.41		149.04	29.66	136.33	2092.65		2066.77	1339.33	208.30

Macro	Tipo	Angolo 1-X (gradi)
306	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
306	1	3122	5.70	-15.61	0.68	-10.60	-9.04	1.24	-1.51	0.74	-1.01	1.05
306	1	3127	9.46	-13.01	7.70	-11.25	-6.03	24.82	-9.80	24.53	-9.51	3.13
306	1	3135	12.28	-10.37	11.65	-9.73	-3.73	69.77	-6.81	69.49	-6.53	4.67
...												
306	98	3163	3.67	-15.44	2.46	-14.24	-4.65	138.38	-0.56	138.38	-0.56	-0.14
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-197.09	-123.64	-103.55	-131.76		-1131.97	-997.33	-759.24	-229.83
			163.28		121.62	80.79	117.03	1130.81		995.33	758.02	229.12

Macro	Tipo	Angolo 1-X (gradi)
307	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
307	1	3122	5.79	-15.35	-3.67	-5.89	-10.51	0.27	-13.11	-12.05	-0.79	-3.61
307	1	3128	1.10	-15.22	-12.79	-1.32	-5.80	1.40	-28.88	-13.74	-13.73	15.14
307	1	3136	-0.13	-19.00	-18.54	-0.59	-2.90	-5.32	-51.10	-47.54	-8.89	12.27
...												
307	98	3156	-0.11	-18.78	-17.71	-1.19	-4.35	50.19	14.42	49.02	15.59	6.37
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-196.91	-153.25	-51.16	-121.19		-1958.22	-1947.67	-1272.01	-133.40
			158.32		121.14	40.47	103.92	1915.43		1909.02	1270.76	144.77

Macro	Tipo	Angolo 1-X (gradi)
308	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
308	1	3121	9.11	-25.41	-2.35	-13.95	16.25	67.16	42.26	54.92	54.50	12.45
308	1	3129	9.82	-15.97	5.43	-11.58	9.70	52.53	17.13	51.75	17.92	-5.22
308	1	3137	10.51	-12.33	7.55	-9.37	7.67	47.14	-1.09	46.19	-0.14	-6.71
...												
308	98	3165	1.20	-15.45	-1.58	-12.66	6.21	69.93	1.03	69.93	1.03	0.40
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-225.70	-162.87	-97.61	-121.84		-1194.96	-1025.24	-844.85	-243.76
			176.45		141.50	71.46	148.58	1303.63		1113.40	933.66	265.29

Macro	Tipo	Angolo 1-X (gradi)
309	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
309	1	3120	10.25	-24.97	-9.66	-5.06	17.46	74.62	28.99	43.35	60.27	21.19
309	1	3130	4.55	-18.04	-13.66	0.17	8.94	35.44	16.86	23.53	28.78	-8.91
309	1	3138	2.59	-18.20	-16.31	0.70	5.97	18.88	-10.81	-10.04	18.10	-4.75
...												
309	98	3266	-1.87	-22.51	-21.33	-3.05	-4.79	30.77	-3.66	28.31	-1.20	8.87
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-307.01	-213.85	-61.27	-165.60		-2405.13	-2383.81	-1722.43	-604.25
			267.57		177.08	47.95	194.23	2425.05		2407.56	1820.41	676.58

Macro	Tipo	Angolo 1-X (gradi)
310	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
310	1	3019	-1.20	-18.35	-18.22	-1.33	-1.48	12.04	5.85	6.67	11.22	-2.10
310	1	3039	-4.48	-22.57	-22.56	-4.49	-0.42	75.25	22.28	68.85	28.68	17.27
310	1	3134	2.93	-18.92	-17.58	1.59	5.26	6.66	-9.43	-7.37	4.60	-5.37
...												
310	98	3154	-0.60	-25.15	-23.98	-1.78	5.24	55.59	-8.32	51.32	-4.05	15.96
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-157.69	-149.69	-24.68	-30.31		-1524.74	-1471.44	-512.36	-329.52
			108.34		102.71	20.65	32.66	1523.01		1455.10	514.00	362.70

Macro	Tipo	Angolo 1-X (gradi)
311	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
311	1	3025	2.20	-16.34	-16.15	2.01	-1.88	7.65	-36.55	-36.23	7.34	-3.71
311	1	3045	-2.74	-25.36	-25.10	-3.00	-2.43	60.57	-6.60	51.28	2.69	23.19
311	1	3136	1.18	-18.88	-14.78	-2.91	-8.09	23.47	-7.02	-3.59	20.03	9.64
...												
311	98	3156	2.61e-02	-21.90	-16.78	-5.10	-9.28	36.01	-14.88	23.32	-2.19	22.02
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-140.23	-130.37	-47.41	-53.69		-1567.91	-1489.52	-546.27	-338.67
			108.94		88.22	45.62	50.62	1559.56		1470.63	545.25	356.31

Macro	Tipo	Angolo 1-X (gradi)
312	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
312	1	3147	1.64	-37.68	-15.60	-20.44	-19.51	26.82	-8.62	9.22	8.98	17.72
312	1	3151	-0.22	-23.10	-5.08	-18.25	-9.36	61.69	5.15	61.33	5.52	-4.52
312	1	3159	-2.10	-26.68	-2.19	-26.58	-1.50	97.25	-1.49	97.25	-1.49	-0.19
...												
312	98	3171	-0.74	-34.73	-11.09	-24.38	-15.64	146.06	4.80	145.77	5.09	-6.40
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-259.15	-114.22	-108.94	-148.00		-1202.16	-1200.90	-596.05	-320.58
			195.46		88.39	75.81	113.65	1390.10		1389.01	614.69	346.10

Macro	Tipo	Angolo 1-X (gradi)
313	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
313	1	3113	-4.75	-43.16	-43.09	-4.81	-1.59	68.73	58.11	68.66	58.18	0.86
313	1	3147	-0.71	-35.04	-25.61	-10.14	-15.32	49.13	-6.26	41.39	1.47	19.20
313	1	3152	-5.16	-30.03	-28.79	-6.40	-5.42	72.67	1.42	71.95	2.14	-7.11
...												
313	98	3279	0.15	-37.62	-35.26	-2.22	9.16	15.77	-20.30	15.32	-19.85	-4.00
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-227.11	-219.98	-87.84	-107.65		-1442.08	-1357.07	-942.81	-621.12
			168.35		150.47	70.50	81.74	1541.96		1423.78	953.78	606.48

Macro	Tipo	Angolo 1-X (gradi)
314	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
314	1	3114	1.50	-37.30	-7.37	-28.42	16.30	23.34	11.87	21.82	13.38	3.88
314	1	3148	4.02	-37.16	-13.45	-19.69	20.35	57.67	29.84	48.67	38.84	13.02
314	1	3153	0.26	-24.04	-6.62	-17.16	10.95	48.37	15.65	47.42	16.60	5.50
...												
314	98	3168	2.27	-36.59	-16.45	-17.88	19.42	41.75	7.61	33.11	16.25	14.84
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-247.51	-122.59	-102.52	-99.13		-1303.46	-1303.27	-486.95	-343.47
			185.97		100.56	70.92	134.58	1311.96		1311.81	554.82	372.15

Macro	Tipo	Angolo 1-X (gradi)
315	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
315	1	3149	1.66	-36.15	-25.81	-8.67	16.85	59.37	31.50	58.98	31.88	3.25
315	1	3154	-4.88	-30.77	-29.37	-6.28	5.86	94.54	-7.52	91.09	-4.07	18.44
315	1	3169	-1.05	-38.21	-34.88	-4.38	10.61	12.94	-11.48	6.73	-5.27	-10.63
...												
315	98	3169	-9.00e-02	-31.03	-28.66	-2.47	8.24	9.86	-3.81	6.16	-0.12	-6.07
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-194.40	-168.16	-35.92	-38.80		-1193.98	-1114.51	-435.60	-263.26
			135.91		124.20	27.54	65.68	1336.49		1255.20	495.77	288.41

Macro	Tipo	Angolo 1-X (gradi)
316	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
316	1	3142	2.25	-36.93	-9.69	-24.99	-18.03	166.90	-18.16	166.50	-17.75	-8.67
316	1	3150	1.55	-34.75	-12.93	-20.27	-17.78	35.90	2.54	16.52	21.92	16.46
316	1	3155	0.48	-19.86	-4.21	-15.17	-8.57	59.36	16.76	59.36	16.76	-0.37
...												
316	98	3170	4.13	-34.57	-17.05	-13.38	-19.26	11.21	-0.52	9.49	1.21	-4.15
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-193.19	-91.37	-100.57	-100.10		-534.51	-533.43	-353.99	-158.63
			134.57		64.17	68.09	68.61	744.76		744.30	396.43	151.81

Macro	Tipo	Angolo 1-X (gradi)
317	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
317	1	3150	1.57	-35.18	-25.56	-8.05	-16.15	59.72	3.00	49.20	13.52	22.05
317	1	3156	-2.77	-27.23	-26.84	-3.17	-3.08	54.17	-13.37	51.24	-10.44	13.76
317	1	3170	-3.41	-37.88	-34.12	-7.17	-10.75	25.15	4.91	24.70	5.37	3.00
...												
317	98	3170	-1.48	-31.03	-28.16	-4.34	-8.74	20.02	8.81	19.45	9.37	-2.45
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

				-190.49	-132.17	-33.15	-95.79		-1081.74	-1032.42	-582.93	-149.75
			131.23		87.92	22.79	68.53	1137.52		1107.43	616.83	179.64

Macro	Tipo	Angolo 1-X (gradi)
318	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
318	1	3149	4.34	-38.99	-14.45	-20.20	21.47	40.25	30.01	38.73	31.53	3.64
318	1	3157	0.84	-23.93	-6.09	-17.00	11.12	48.13	12.17	47.35	12.94	5.23
318	1	3162	-2.62	-36.11	-10.77	-27.97	14.37	80.34	-4.09	79.30	-3.05	9.31
...												
318	98	3169	-0.41	-36.86	-19.56	-17.71	18.20	-2.66	-11.84	-2.66	-11.84	-0.11
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-227.04	-132.55	-88.04	-82.32		-490.70	-490.70	-208.39	-99.36
			163.05		100.80	55.09	119.68	599.85		599.62	263.52	112.52

Macro	Tipo	Angolo 1-X (gradi)
319	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
319	1	3148	5.22	-37.32	-24.91	-7.18	19.33	68.88	45.89	64.55	50.22	8.99
319	1	3158	-1.20	-28.29	-25.45	-4.04	8.30	71.57	24.51	70.16	25.92	8.03
319	1	3164	-3.99	-39.59	-38.71	-4.87	5.53	38.27	10.35	21.01	27.61	13.56
...												
319	98	3168	-1.41	-37.72	-35.56	-3.57	8.59	32.95	16.89	23.73	26.11	7.94
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-234.21	-172.91	-39.95	-82.37		-1345.39	-1329.03	-828.20	-193.59
			171.99		130.30	34.67	115.04	1452.25		1437.64	920.01	202.36

Macro	Tipo	Angolo 1-X (gradi)
320	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
320	1	3039	-6.86	-26.58	-25.98	-7.46	-3.37	63.84	1.84	52.79	12.89	23.73
320	1	3051	7.98e-02	-36.19	-35.72	-0.39	-4.10	90.52	53.89	74.15	70.26	18.22
320	1	3154	-2.04	-31.72	-30.67	-3.08	5.47	80.99	5.76	67.50	19.25	28.86
...												
320	98	3169	1.43	-38.17	-38.15	1.41	0.91	45.39	-37.61	35.36	-27.58	27.06
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-169.12	-162.91	-24.87	-32.95		-1128.64	-986.45	-468.39	-343.59
			116.21		111.45	13.70	31.16	1246.66		1085.10	499.40	381.37

Macro	Tipo	Angolo 1-X (gradi)
321	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
321	1	3045	-3.50	-30.08	-28.98	-4.60	-5.29	46.91	-17.64	38.00	-8.72	22.27
321	1	3057	-1.34	-41.00	-38.94	-3.39	-8.80	19.74	-13.31	18.67	-12.24	5.85

321	1	3156	-1.25	-24.45	-16.39	-9.32	-11.05	77.53	12.71	63.10	27.14	26.96
...												
321	98	3170	1.82e-02	-38.45	-26.10	-12.33	-17.96	4.31	-10.58	4.06	-10.34	-1.89
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-140.56	-128.52	-53.42	-48.51		-1192.13	-1120.06	-285.72	-262.52
			90.30		78.40	48.12	23.50	1249.40		1165.07	322.02	296.01

Macro	Tipo	Angolo 1-X (gradi)
322	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
322	1	3116	7.94	-76.31	-29.36	-39.01	-41.85	60.84	39.46	60.78	39.52	-1.11
322	1	3167	-1.79	-59.32	-26.62	-34.49	-28.50	-1.70	-47.20	-33.35	-15.55	20.94
322	1	3171	-5.75	-47.74	-11.83	-41.65	-14.78	101.18	-0.25	101.12	-0.19	-2.33
...												
322	98	3171	-3.48	-40.13	-10.15	-33.46	-14.14	102.52	0.65	102.51	0.66	-0.93
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-114.14	-78.75	-71.14	-55.76		-683.39	-672.09	-102.20	-341.21
			63.50		59.03	3.58	21.37	875.30		866.90	167.02	375.01

Macro	Tipo	Angolo 1-X (gradi)
323	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
323	1	3113	-6.35	-51.70	-51.55	-6.50	2.58	34.78	27.82	28.69	33.91	-2.30
323	1	3116	1.51	-73.47	-73.46	1.50	0.41	63.37	6.14	62.51	6.99	6.96
323	1	3167	-4.56	-50.62	-47.46	-7.72	-11.65	27.14	-40.57	14.36	-27.79	26.49
...												
323	98	3167	-2.27	-46.28	-43.79	-4.76	-10.17	22.66	-31.50	15.48	-24.32	18.36
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-123.16	-117.39	-44.91	-36.76		-473.65	-318.48	-408.46	-162.86
			49.70		24.09	34.60	39.99	519.84		430.66	442.20	153.77

Macro	Tipo	Angolo 1-X (gradi)
324	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
324	1	475	5.17	-68.97	-24.61	-39.20	36.34	15.59	4.53	15.05	5.07	2.39
324	1	3114	-6.43	-44.56	-9.23	-41.76	9.95	3.19	-10.34	-8.46	1.31	4.68
324	1	3168	0.87	-47.55	-18.88	-27.81	23.80	34.74	-2.89	28.95	2.90	13.58
...												
324	98	3168	3.63	-44.71	-16.86	-24.22	23.89	32.20	-2.61	26.93	2.66	12.48
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-100.96	-71.08	-79.75	-21.98		-714.87	-706.20	-148.27	-354.09
			61.42		55.77	18.70	49.15	719.90		712.50	156.00	378.82

Macro	Tipo	Angolo 1-X (gradi)
325	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
325	1	840	-1.46	-63.84	-55.99	-9.31	-20.68	47.16	2.78	46.40	3.54	5.75
325	1	3051	-4.40	-42.64	-35.72	-11.32	-14.72	52.14	31.76	32.00	51.90	2.20
325	1	3169	1.55	-47.48	-47.33	1.40	-2.69	33.44	-23.58	33.44	-23.58	3.71e-02
...												
325	98	3169	2.19	-43.72	-43.29	1.76	-4.41	27.22	-14.31	26.92	-14.01	3.53
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-115.07	-110.53	-34.33	-56.11		-310.27	-228.22	-306.24	-64.77
			49.49		48.46	19.70	29.72	379.56		316.72	378.77	76.61

Macro	Tipo	Angolo 1-X (gradi)
326	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
326	1	500	13.00	-72.22	-35.33	-23.89	-42.23	136.16	54.35	136.11	54.40	-2.13
326	1	3142	-4.40	-42.37	-10.39	-36.38	-13.83	184.39	-8.09	184.21	-7.92	5.82
326	1	3170	-1.31	-44.68	-19.09	-26.90	-21.33	-19.71	-40.97	-40.87	-19.82	1.48
...												
326	98	3170	2.00	-41.73	-16.58	-23.15	-21.62	-15.85	-34.46	-34.27	-16.04	1.91
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-148.20	-88.12	-70.23	-82.96		-295.60	-234.59	-87.62	-142.74
			46.42		41.12	11.78	25.70	530.40		528.12	84.74	145.73

Macro	Tipo	Angolo 1-X (gradi)
327	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
327	1	500	-3.28	-83.43	-72.95	-13.76	-27.02	125.11	30.25	98.39	56.97	42.67
327	1	3057	-0.81	-45.52	-42.47	-3.87	-11.28	8.96	-9.24	7.81	-8.09	-4.43
327	1	3170	0.39	-45.58	-24.33	-20.86	-22.92	-5.35	-18.57	-12.47	-11.45	-6.59
...												
327	98	3170	2.60	-42.35	-22.07	-17.67	-22.37	-0.56	-18.91	-5.70	-13.77	-8.24
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-185.63	-170.33	-43.90	-54.83		-301.06	-111.12	-195.33	-143.24
			66.79		57.24	27.20	24.50	287.21		172.32	164.71	142.18

Macro	Tipo	Angolo 1-X (gradi)
328	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
328	1	840	6.04	-64.88	-26.22	-32.63	35.32	41.65	32.22	40.18	33.68	-3.42
328	1	3162	-6.12	-42.66	-11.39	-37.39	12.84	62.35	-8.87	62.23	-8.75	2.88
328	1	3169	-2.67	-50.57	-22.72	-30.52	23.63	-17.22	-40.23	-32.06	-25.38	-11.01
...												
328	98	3169	0.84	-47.43	-20.46	-26.12	23.97	-15.14	-35.45	-28.81	-21.77	-9.53
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-142.73	-100.89	-89.06	-26.21		-363.20	-362.85	-107.53	-133.90
			68.59		62.65	28.53	70.02	507.05		506.93	79.30	115.88

Macro	Tipo	Angolo 1-X (gradi)
329	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
329	1	475	0.97	-77.42	-77.34	0.88	2.55	92.05	8.49	87.38	13.16	-19.19
329	1	3164	-3.60	-46.61	-46.29	-3.92	3.69	29.71	-5.30	11.37	13.05	17.49
329	1	3168	0.88	-49.39	-43.12	-5.40	16.62	12.99	-5.00	-2.90	10.89	5.77
...												
329	98	3168	2.47	-46.01	-40.88	-2.66	14.91	14.07	-5.32	-0.37	9.11	8.46
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-126.19	-114.11	-41.93	-39.79		-506.14	-167.65	-432.00	-203.29
			51.29		29.51	35.72	45.32	532.20		325.93	450.24	219.32

Macro	Tipo	Angolo 1-X (gradi)
330	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
330	1	3172	0.33	-9.01	0.18	-8.86	-1.18	-73.85	-170.09	-149.29	-94.66	39.61
330	1	3173	-4.87	-12.53	-6.04	-11.35	2.76	-119.50	-197.28	-188.87	-127.91	24.15
330	1	3174	-3.94	-12.65	-4.38	-12.21	1.92	-75.69	-141.01	-139.43	-77.28	10.06
...												
330	98	3222	14.73	2.15	12.88	3.99	4.45	285.85	-0.63	285.84	-0.62	-1.59
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-449.97	-396.34	-66.39	-216.89		-2967.07	-2284.04	-902.83	-1124.03
			463.92		423.37	52.68	230.21	2689.82		2041.72	753.18	1191.13

Macro	Tipo	Angolo 1-X (gradi)
331	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
331	1	3172	-1.34	-8.42	-1.53	-8.24	-1.12	-98.81	-163.48	-156.09	-106.21	20.58
331	1	3173	-1.55	-13.71	-2.64	-12.61	3.48	-52.14	-170.51	-147.59	-75.05	46.77
331	1	3175	-2.68	-10.55	-3.97	-9.25	2.92	-64.67	-178.69	-178.17	-65.20	7.75
...												
331	98	3321	7.99	-7.49	-7.11	7.61	2.40	60.51	-99.01	-98.33	59.84	-10.38
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-390.12	-389.92	-93.56	-204.17		-2376.43	-2240.86	-1033.98	-1217.77
			390.43		390.22	88.88	208.94	2127.33		1970.95	901.54	1252.53

Macro	Tipo	Angolo 1-X (gradi)
332	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
332	1	3173	-5.06	-12.96	-6.26	-11.76	2.84	-122.35	-203.83	-195.83	-130.34	24.24
332	1	3174	-3.24	-13.65	-4.59	-12.29	3.50	-71.69	-136.64	-133.38	-74.95	14.18
332	1	3177	-3.30	-13.76	-4.53	-12.53	3.38	-75.74	-145.42	-144.95	-76.20	5.66
...												
332	98	3227	14.35	-1.61	12.96	-0.21	4.50	254.39	-5.64	254.36	-5.61	2.70
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-449.61	-396.50	-76.31	-173.34		-1643.55	-1643.29	-705.29	-852.02
			459.31		415.31	60.34	178.99	2136.87		2136.57	592.75	891.27

Macro	Tipo	Angolo 1-X (gradi)
333	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
333	1	3173	-1.20	-12.95	-1.64	-12.51	2.24	-116.16	-146.79	-144.11	-118.84	-8.65
333	1	3175	-2.19	-11.22	-4.50	-8.91	3.93	-51.77	-176.20	-175.07	-52.90	11.81
333	1	3176	3.19	-13.13	-2.13	-7.81	7.65	-58.23	-135.11	-126.12	-67.22	24.71
...												
333	98	3323	5.69	-9.74	-9.39	5.34	-2.30	19.83	-51.33	-50.95	19.46	5.16
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-401.49	-377.51	-94.61	-226.17		-2986.56	-2985.48	-1293.62	-970.68
			385.38		379.65	92.27	238.48	2833.83		2833.10	1186.40	955.15

Macro	Tipo	Angolo 1-X (gradi)
334	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
334	1	3172	-3.21	-8.66	-3.32	-8.55	-0.78	-64.51	-95.17	-84.39	-75.29	14.64
334	1	3182	3.81	-14.64	2.09	-12.92	-5.36	-46.62	-73.72	-65.90	-54.44	12.28
334	1	3194	9.81	-11.62	8.68	-10.50	-4.78	9.62	-49.43	4.93	-44.74	15.97
...												
334	98	3249	8.11	-4.02	6.68	-2.59	-3.92	238.51	-2.29	238.39	-2.17	5.35
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-399.08	-343.79	-100.80	-200.80		-3856.10	-3438.64	-1899.42	-859.78
			404.56		346.45	84.07	198.97	3731.58		3334.80	1868.54	903.79

Macro	Tipo	Angolo 1-X (gradi)
335	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
335	1	3172	-0.13	-10.11	-0.67	-9.57	-2.27	-72.74	-129.37	-120.22	-81.89	20.84
335	1	3184	1.06	-10.36	-7.50	-1.81	-4.95	-10.37	-154.12	-152.77	-11.72	13.88
335	1	3196	5.12	-11.14	-10.27	4.25	-3.66	36.04	-133.26	-132.42	35.20	11.86
...												
335	98	3250	2.61	-13.37	-13.29	2.53	1.15	22.65	-40.60	-40.58	22.63	1.17
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-370.81	-222.68	-55.23	-238.12		-3560.68	-3195.61	-2038.14	-1108.83
			368.31		220.78	43.89	234.45	3450.15		3111.97	1986.88	1145.52

Macro	Tipo	Angolo 1-X (gradi)
336	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
336	1	3176	2.02	-15.87	-3.73	-10.12	8.35	-27.73	-49.08	-43.90	-32.91	9.15
336	1	3186	8.67	-19.65	2.77	-13.74	11.51	-14.47	-40.93	-23.87	-31.53	-12.66
336	1	3198	12.19	-16.27	7.39	-11.47	10.66	22.93	-43.42	9.27	-29.76	-26.83
...												
336	98	3251	10.13	-7.63	3.67	-1.16	8.55	220.86	12.57	220.85	12.58	1.36
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-465.10	-346.39	-102.02	-276.40		-1916.93	-1800.90	-1311.68	-401.60
		428.56		353.21	78.63	289.84	1860.41		1793.06	1353.00	359.04

Macro	Tipo	Angolo 1-X (gradi)
337	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
337	1	3180	-1.48	-9.60	-1.84	-9.24	1.67	-87.52	-119.08	-109.71	-96.89	14.42
337	1	3189	3.78	-14.43	2.87	-13.52	-3.97	-67.19	-82.25	-80.41	-69.04	4.94
337	1	3201	10.55	-11.28	9.91	-10.64	-3.68	-7.00	-53.39	-7.37	-53.01	4.15
...												
337	98	3253	10.35	-2.06	9.21	-0.92	-3.59	316.48	7.44	316.46	7.45	2.33
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-189.81	-130.77	-56.95	-154.34		-1777.68	-1776.46	-736.44	-290.72
			198.23		127.09	54.66	149.18	2390.64		2389.52	631.15	316.89

Macro	Tipo	Angolo 1-X (gradi)
338	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
338	1	3178	1.49	-12.72	-2.09	-9.15	6.17	-46.48	-73.56	-66.65	-53.38	11.81
338	1	3191	8.38	-17.57	3.63	-12.82	10.03	-24.62	-48.11	-26.30	-46.43	-6.05
338	1	3203	12.36	-14.32	8.55	-10.51	9.33	26.07	-45.99	21.30	-41.21	-17.92
...												
338	98	3255	8.37	-6.20	4.09	-1.92	6.64	196.78	-0.27	196.78	-0.27	0.63
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-412.63	-371.24	-63.91	-118.37		-2075.95	-2075.33	-475.87	-156.04
			427.67		397.86	60.22	131.84	2505.71		2505.06	406.65	150.78

Macro	Tipo	Angolo 1-X (gradi)
339	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
339	1	3176	5.54	-15.57	-0.78	-9.25	9.67	-51.02	-72.04	-71.30	-51.76	3.87
339	1	3192	6.34	-16.49	-10.19	3.52e-02	10.20	15.60	-96.75	-96.17	15.02	-8.09
339	1	3204	6.87	-14.55	-12.47	4.79	6.34	45.69	-85.47	-84.42	44.65	-11.66
...												
339	98	3256	2.55	-13.81	-13.77	2.50	-0.85	38.70	4.95	5.14	38.51	2.51
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-454.61	-361.97	-98.21	-245.35		-3040.38	-3036.18	-1833.59	-244.10
			414.40		342.20	97.88	261.03	2883.52		2880.21	1752.49	246.57

Macro	Tipo	Angolo 1-X (gradi)
340	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
340	1	3229	3.29	-24.97	-6.37	-15.32	-13.40	30.35	-4.77	9.40	16.19	17.23
340	1	3233	6.36	-18.26	1.50	-13.40	-9.80	26.42	-11.43	9.23	5.77	18.84

340	1	3241	8.05	-11.73	4.96	-8.65	-7.18	89.67	-6.48	86.89	-3.70	16.11
...												
340	98	3269	1.18	-15.23	-4.11	-9.95	-7.67	182.02	6.54	181.98	6.57	2.50
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-312.82	-163.09	-145.62	-247.17		-2829.47	-2366.53	-1773.59	-671.80
			272.37		140.26	121.10	225.23	2817.65		2375.75	1796.32	699.15

Macro	Tipo	Angolo 1-X (gradi)
341	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
341	1	3229	4.42	-26.31	-11.40	-10.49	-15.36	20.94	-22.75	-15.32	13.51	16.42
341	1	3234	1.67	-18.07	-14.91	-1.48	-7.24	14.98	-42.01	-35.31	8.29	18.35
341	1	3242	1.61	-17.29	-16.87	1.19	-2.80	28.64	-41.81	-41.55	28.39	4.21
...												
341	98	3270	-2.56	-20.62	-20.42	-2.76	1.90	35.76	20.77	33.97	22.56	4.86
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-338.75	-181.86	-65.28	-260.05		-3214.18	-2768.45	-2069.82	-708.13
			296.16		144.05	49.15	234.91	3174.46		2712.15	2089.79	735.76

Macro	Tipo	Angolo 1-X (gradi)
342	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
342	1	3230	5.75	-36.09	-10.44	-19.90	20.38	67.63	52.91	62.86	57.68	-6.89
342	1	3235	6.95	-23.30	-2.52	-13.83	14.03	48.26	4.17	23.53	28.89	-21.88
342	1	3243	8.69	-16.97	-0.12	-8.16	12.18	55.66	-1.36	44.72	9.58	-22.45
...												
342	98	3271	4.26	-18.31	-8.22	-5.84	11.22	144.14	2.41	144.09	2.45	2.59
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-490.80	-343.10	-102.24	-235.37		-1834.85	-1834.65	-965.52	-176.44
			438.59		350.39	70.36	268.53	2153.76		2153.66	1054.53	140.08

Macro	Tipo	Angolo 1-X (gradi)
343	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
343	1	3232	2.24	-21.20	-4.33	-14.63	-10.53	7.60	-31.78	-16.01	-8.17	19.30
343	1	3237	6.59	-16.59	2.78	-12.77	-8.60	5.37	-22.64	-10.73	-6.53	13.85
343	1	3245	9.56	-8.68	6.47	-5.60	-6.84	87.96	-4.53	86.44	-3.02	11.74
...												
343	98	3273	4.37	-11.60	-3.34	-3.89	-7.98	274.48	-1.86	274.48	-1.86	0.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-172.10	-79.34	-83.19	-106.52		-2278.89	-2278.88	-624.70	-564.03
			172.06		97.45	57.15	98.46	2806.62		2806.61	605.59	621.71

Macro	Tipo	Angolo 1-X (gradi)
344	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
344	1	3231	6.68	-31.75	-7.64	-17.44	18.58	50.06	45.87	50.05	45.87	0.15
344	1	3239	8.00	-20.91	0.27	-13.18	12.80	45.21	6.18	34.72	16.68	-17.30
344	1	3247	8.70	-15.11	2.25	-8.66	10.58	71.27	-5.89	67.62	-2.23	-16.39
...												
344	98	3275	1.94	-17.79	-6.06	-9.79	9.69	139.34	4.70	139.31	4.73	2.22
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-280.82	-242.17	-98.19	-82.87		-2250.00	-2248.61	-290.50	-375.98
			278.96		250.80	67.49	100.64	2536.04		2534.84	361.11	363.60

Macro	Tipo	Angolo 1-X (gradi)
345	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
345	1	3230	8.54	-35.79	-16.47	-10.78	21.98	59.63	40.03	42.10	57.56	-6.02
345	1	3240	3.86	-23.32	-18.76	-0.70	10.15	43.41	13.97	33.32	24.05	-13.97
345	1	3248	1.69	-20.17	-19.26	0.78	4.37	26.97	14.99	15.90	26.06	-3.17
...												
345	98	3276	-1.63	-23.74	-23.69	-1.69	-1.10	55.05	3.56	54.93	3.68	2.47
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-459.87	-349.64	-25.72	-184.53		-2133.83	-2096.42	-1249.14	-282.58
			406.96		322.73	28.36	220.37	2165.01		2135.48	1338.53	250.58

Macro	Tipo	Angolo 1-X (gradi)
346	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
346	1	3223	-3.13	-37.46	-17.78	-22.81	-16.98	173.63	16.55	173.48	16.69	-4.79
346	1	3257	2.71	-41.73	-17.44	-21.58	-22.12	35.49	-12.33	8.36	14.80	23.69
346	1	3261	0.73	-25.03	-8.18	-16.12	-12.26	76.58	5.24	76.58	5.25	0.62
...												
346	98	3277	-3.16	-41.91	-24.20	-20.86	-19.30	18.50	-14.22	-5.90	10.18	14.25
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-267.91	-118.98	-94.43	-177.41		-1722.59	-1600.65	-631.75	-602.55
			198.19		106.77	59.78	139.27	1868.30		1866.12	654.51	635.19

Macro	Tipo	Angolo 1-X (gradi)
347	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
347	1	3224	-4.82	-37.52	-37.49	-4.85	0.95	94.79	78.17	88.89	84.07	-7.95
347	1	3257	0.84	-39.23	-26.04	-12.36	-18.83	42.08	-10.98	25.74	5.36	24.49
347	1	3262	-4.89	-27.94	-26.79	-6.04	-5.02	51.89	16.51	51.68	16.72	-2.71
...												
347	98	3277	-1.94	-41.43	-39.45	-3.92	-8.63	35.18	-20.25	32.01	-17.09	12.87
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-240.81	-151.71	-50.88	-139.92		-1897.26	-1793.19	-1023.96	-505.77
			175.65		107.74	42.24	108.20	1937.99		1840.88	1034.89	542.11

Macro	Tipo	Angolo 1-X (gradi)
348	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
348	1	3226	3.73	-38.51	-17.50	-17.28	21.12	133.40	4.60	132.21	5.79	12.31
348	1	3258	2.08	-48.65	-22.23	-24.33	25.34	43.66	10.25	26.73	27.17	-16.70
348	1	3263	2.52	-31.49	-15.06	-13.92	17.00	38.15	17.31	37.78	17.68	-2.75
...												
348	98	3278	4.82	-41.08	-23.44	-12.82	22.33	7.94	-22.42	-21.30	6.82	-5.72
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-331.03	-295.35	-80.76	-93.87		-1926.19	-1925.93	-203.76	-315.52
			300.03		276.39	54.02	137.06	2125.47		2125.14	230.24	305.06

Macro	Tipo	Angolo 1-X (gradi)
349	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
349	1	3254	2.36	-34.95	-19.83	-12.76	-18.32	329.72	-7.53	329.09	-6.90	-14.56
349	1	3260	0.27	-40.28	-17.98	-22.03	-20.17	36.06	-47.00	-16.34	5.41	40.08
349	1	3265	1.72	-22.60	-9.43	-11.46	-12.12	72.15	12.54	72.13	12.57	1.16
...												
349	98	3280	2.28	-37.38	-23.56	-11.54	-18.90	4.23	-63.92	-50.86	-8.84	26.83
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-200.09	-169.13	-101.26	-65.67		-2296.38	-2296.38	-470.88	-637.44
			131.29		122.98	66.01	34.60	2759.12		2759.12	477.82	697.34

Macro	Tipo	Angolo 1-X (gradi)
350	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
350	1	3164	-2.14	-41.48	-41.13	-2.48	3.67	64.23	40.69	63.55	41.37	3.95
350	1	3166	-3.43	-29.66	-28.77	-4.32	4.75	37.36	10.40	33.42	14.34	9.53
350	1	3260	0.11	-40.23	-28.97	-11.15	-18.09	55.71	-41.91	20.65	-6.86	46.83
...												
350	98	3280	-2.51	-37.79	-34.65	-5.65	-10.04	11.01	-72.43	-0.87	-60.55	29.16
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-213.04	-211.48	-92.80	-62.98		-1278.75	-700.32	-911.23	-730.89
			143.87		143.11	77.15	70.66	1141.78		738.40	794.77	803.86

Macro	Tipo	Angolo 1-X (gradi)
351	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
351	1	3259	4.04	-46.01	-18.51	-23.46	24.90	38.41	23.54	31.89	30.06	-7.38
351	1	3267	1.61	-28.22	-10.44	-16.17	14.64	61.99	16.86	61.63	17.22	4.00
351	1	3274	-1.08	-38.13	-16.58	-22.64	18.27	165.70	4.56	164.62	5.65	13.17
...												
351	98	3279	-0.18	-40.07	-23.09	-17.16	19.72	-1.11e-02	-15.65	-14.06	-1.60	-4.73
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-240.63	-214.75	-103.22	-32.99		-2261.61	-2258.62	-240.68	-572.51
			175.53		169.78	65.36	71.19	2454.80		2451.78	288.06	563.56

Macro	Tipo	Angolo 1-X (gradi)
352	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
352	1	3252	-1.63	-42.39	-42.35	-1.68	1.37	7.20	-0.52	0.75	5.94	2.86
352	1	3258	4.06	-47.62	-32.88	-10.68	23.33	72.71	17.35	58.22	31.84	-24.34
352	1	3268	-2.82	-31.47	-29.63	-4.67	7.03	78.21	8.89	77.90	9.20	-4.60
...												
352	98	3278	0.60	-41.92	-39.34	-1.98	10.14	4.09	-31.99	-4.49	-23.41	-15.36
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-213.47	-191.12	-60.92	-56.94		-943.40	-928.51	-825.34	-435.38
			142.44		135.89	56.20	74.98	936.90		922.98	827.64	405.82

Macro	Tipo	Angolo 1-X (gradi)
353	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
353	1	905	9.22	-75.29	-28.05	-38.01	-41.96	86.67	46.35	86.58	46.44	-1.91
353	1	3223	-7.94	-47.76	-14.62	-41.08	-14.87	127.12	3.23	126.97	3.37	-4.25
353	1	3277	0.95	-62.12	-27.81	-33.37	-31.41	-5.01	-50.94	-42.74	-13.20	17.58
...												
353	98	3277	4.25	-57.59	-24.16	-29.18	-30.82	-5.45	-45.43	-37.64	-13.24	15.83
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-133.94	-94.34	-61.91	-62.67		-694.47	-686.08	-124.37	-364.76
			79.00		70.56	1.76	28.64	942.75		937.44	180.40	395.35

Macro	Tipo	Angolo 1-X (gradi)
354	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
354	1	905	0.36	-77.76	-77.22	-0.18	6.44	40.82	12.18	40.50	12.50	3.04
354	1	3224	-5.15	-47.36	-47.11	-5.40	3.27	61.60	42.40	44.01	59.99	-5.31
354	1	3277	-2.48	-48.32	-43.07	-7.74	-14.60	39.10	-32.37	20.62	-13.90	31.29
...												
354	98	3277	-0.74	-44.35	-40.22	-4.87	-12.77	33.44	-27.80	21.85	-16.22	23.99
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-136.23	-132.72	-62.04	-31.44		-494.10	-377.21	-292.76	-243.35
			64.97		47.01	51.56	43.12	584.76		452.39	341.23	232.51

Macro	Tipo	Angolo 1-X (gradi)
355	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
355	1	430	3.07	-69.74	-35.53	-31.14	36.34	89.21	46.47	89.18	46.50	1.18
355	1	3226	-4.13	-44.64	-16.57	-32.20	18.68	96.76	-1.63	96.51	-1.38	4.95
355	1	3278	8.55	-54.01	-28.12	-17.35	30.81	-17.10	-25.50	-24.06	-18.55	-3.17
...												
355	98	3278	10.02	-50.14	-24.56	-15.56	29.75	-13.98	-26.27	-22.54	-17.72	-5.65
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-131.27	-108.92	-94.76	-9.58		-838.22	-836.90	-110.13	-350.69
		82.90		81.83	64.61	53.97	1029.06		1028.32	119.37	342.02

Macro	Tipo	Angolo 1-X (gradi)
356	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
356	1	3113	-6.20	-50.07	-48.46	-7.82	-8.26	52.18	32.64	38.26	46.56	8.85
356	1	3116	0.20	-70.53	-69.70	-0.63	-7.61	53.57	9.00	53.06	9.50	-4.73
356	1	3279	-1.24	-47.20	-44.66	-3.78	10.50	20.66	-29.49	10.23	-19.06	-20.36
...												
356	98	3279	0.45	-43.66	-41.71	-1.50	9.06	17.23	-26.89	11.65	-21.31	-14.66
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-224.55	-219.49	-42.95	-48.75		-768.04	-178.17	-515.49	-492.53
			163.37		139.01	39.23	62.42	717.06		266.85	475.92	462.96

Macro	Tipo	Angolo 1-X (gradi)
357	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
357	1	475	10.91	-63.82	-34.83	-18.08	-36.41	162.88	64.30	162.82	64.36	-2.49
357	1	3254	-3.74	-37.80	-17.27	-24.27	-16.67	307.45	-4.96	306.98	-4.48	12.16
357	1	3280	1.94	-51.20	-28.28	-20.98	-26.32	-14.87	-114.10	-97.50	-31.46	37.03
...												
357	98	3280	4.35	-47.23	-24.40	-18.49	-25.62	-12.85	-102.99	-86.86	-28.98	34.55
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-238.67	-166.29	-88.92	-108.63		-1378.69	-1370.53	-166.83	-499.11
			149.09		118.51	52.63	59.55	1938.56		1929.85	242.76	565.41

Macro	Tipo	Angolo 1-X (gradi)
358	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
358	1	475	-1.77	-75.00	-74.16	-2.61	-7.79	91.47	18.15	87.31	22.31	16.96
358	1	3164	-1.44	-45.92	-45.23	-2.13	5.51	20.48	12.12	12.13	20.47	0.29
358	1	3280	-3.43	-49.13	-43.05	-9.52	-15.52	15.54	-76.76	-18.06	-43.17	44.41
...												
358	98	3280	-0.91	-45.77	-39.74	-6.95	-15.30	12.37	-68.66	-12.87	-43.42	37.52
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-241.04	-238.13	-65.11	-42.62		-900.38	-72.35	-382.74	-593.48
			163.88		161.41	50.79	36.69	767.15		112.18	299.86	666.98

Macro	Tipo	Angolo 1-X (gradi)
359	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
359	1	3116	10.26	-72.45	-33.37	-28.82	41.29	114.58	51.44	114.55	51.47	-1.32
359	1	3274	-5.16	-45.95	-14.54	-36.57	17.17	152.21	4.07	151.74	4.54	8.32

359	1	3279	1.06	-57.20	-27.03	-29.12	29.11	-20.89	-64.94	-61.40	-24.43	-11.97
...												
359	98	3279	4.13	-53.19	-23.67	-25.40	28.65	-18.29	-60.79	-56.16	-22.92	-13.24
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-259.36	-169.38	-80.75	-75.23		-1201.83	-1201.79	-173.31	-556.75
			161.74		123.16	30.82	130.02	1499.22		1499.20	218.53	532.66

Macro	Tipo	Angolo 1-X (gradi)
360	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
360	1	430	-2.42	-80.35	-80.32	-2.46	1.53	70.67	4.40	69.78	5.29	-7.62
360	1	3252	-1.21	-47.32	-47.32	-1.22	-0.30	-5.65	-15.53	-14.52	-6.67	3.00
360	1	3278	1.92	-49.92	-45.68	-2.32	14.21	-10.73	-29.58	-23.05	-17.27	-8.97
...												
360	98	3278	3.89	-46.91	-42.99	-3.93e-02	13.57	-11.36	-25.78	-16.74	-20.40	-6.97
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-135.72	-93.77	-69.77	-45.23		-720.95	-558.04	-293.49	-414.12
			79.32		11.30	68.85	53.14	694.47		521.71	261.18	401.04

Macro	Tipo	Angolo 1-X (gradi)
361	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
361	1	2936	9.57	-8.05	-8.02	9.54	-0.76	51.75	-130.86	-130.83	51.72	2.12
361	1	3281	2.73	-3.94	2.72	-3.94	-0.20	-91.89	-151.26	-149.92	-93.24	-8.83
361	1	3282	0.89	-6.63	0.88	-6.62	0.31	-55.96	-147.62	-130.89	-72.69	35.40
...												
361	98	3447	5.06	-7.37	-7.15	4.84	1.62	38.69	-102.00	-102.00	38.68	-0.31
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-398.45	-386.11	-60.11	-108.94		-2061.21	-2055.58	-633.31	-747.00
			398.73		386.88	53.82	108.72	1774.28		1767.28	484.45	733.15

Macro	Tipo	Angolo 1-X (gradi)
362	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
362	1	2936	9.64	-8.20	-8.18	9.61	-0.71	41.85	-127.57	-127.56	41.84	-1.48
362	1	3282	2.24	-6.91	2.24	-6.91	0.11	-85.16	-134.88	-131.68	-88.36	-12.20
362	1	3284	1.00	-6.63	2.56e-02	-5.66	2.54	-54.88	-176.87	-176.74	-55.01	3.86
...												
362	98	3451	5.34	-10.19	-8.72	3.86	-4.55	31.56	-49.20	-48.76	31.12	5.92
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-361.92	-354.94	-67.03	-91.50		-2256.17	-2240.27	-919.54	-764.97
			364.56		357.85	56.20	95.52	1976.84		1958.23	781.97	744.41

Macro	Tipo	Angolo 1-X (gradi)
363	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
363	1	3281	1.09	-3.31	1.09	-3.31	-2.96e-03	-66.91	-79.79	-79.28	-67.42	-2.51
363	1	3291	6.71	-10.93	4.48	-8.69	-5.86	-42.74	-49.76	-43.55	-48.95	2.24
363	1	3303	12.48	-9.88	10.74	-8.14	-5.99	16.23	-50.04	15.72	-49.53	5.80
...												
363	98	3358	10.21	-2.94	8.41	-1.14	-4.52	161.99	-7.15	161.88	-7.04	4.29
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-388.75	-375.65	-69.54	-123.62		-2521.83	-2207.57	-1396.94	-601.90
			398.40		382.46	62.40	108.19	2497.07		2171.58	1383.99	594.56

Macro	Tipo	Angolo 1-X (gradi)
364	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
364	1	3281	3.26	-4.88	2.92	-4.54	-1.64	-93.15	-116.93	-116.73	-93.35	-2.17
364	1	3293	2.06	-5.85	-3.58	-0.21	-3.58	-17.67	-157.92	-156.75	-18.85	12.78
364	1	3305	5.08	-9.18	-8.06	3.96	-3.84	16.81	-153.55	-152.53	15.80	13.13
...												
364	98	3475	2.86	-14.63	-9.39	-2.38	8.02	12.75	-79.55	-76.64	9.84	-16.14
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-330.04	-271.87	-48.49	-148.32		-2307.29	-2135.52	-1501.09	-776.88
			334.57		276.23	46.35	143.52	2270.13		2087.42	1488.88	775.06

Macro	Tipo	Angolo 1-X (gradi)
365	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
365	1	3285	5.95	-7.42	3.44	-4.91	5.22	-24.34	-51.34	-44.10	-31.59	11.96
365	1	3295	13.72	-11.60	11.07	-8.95	7.75	20.68	-41.79	20.67	-41.78	-0.94
365	1	3307	18.56	-9.39	17.09	-7.91	6.25	48.84	-31.32	47.30	-29.79	-10.98
...												
365	98	3352	11.00	-7.20	7.38	-3.58	7.26	80.52	7.91	79.87	8.56	-6.87
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-339.87	-295.16	-49.85	-120.53		-995.48	-992.50	-453.35	-269.09
			338.44		309.81	34.28	128.72	1150.68		1149.29	404.00	286.33

Macro	Tipo	Angolo 1-X (gradi)
366	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
366	1	3287	2.80	-5.84	1.02	-4.06	3.49	-76.72	-101.12	-99.71	-78.14	5.71
366	1	3297	3.73	-7.42	-5.11	1.42	4.52	-0.91	-137.42	-136.56	-1.77	-10.79
366	1	3309	6.99	-10.33	-9.23	5.89	4.23	28.68	-128.35	-127.51	27.84	-11.44
...												
366	98	3353	3.89	-11.72	-10.89	3.05	3.51	38.10	-33.56	-33.18	37.73	-5.19
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-344.63	-344.42	-68.34	-46.88		-1059.50	-1037.58	-800.51	-448.91
			346.05		345.50	63.79	60.17	1034.95		1010.42	840.75	455.97

Macro	Tipo	Angolo 1-X (gradi)
367	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
367	1	3289	4.41	-8.72	1.38	-5.69	-5.53	-30.20	-30.95	-30.23	-30.92	0.16
367	1	3298	11.72	-11.64	9.27	-9.19	-7.16	9.00	-44.57	7.89	-43.47	7.61
367	1	3310	16.76	-9.04	15.54	-7.82	-5.48	36.36	-36.89	33.21	-33.75	14.84
...												
367	98	3354	10.40	-6.51	6.41	-2.52	-7.18	61.64	3.43	61.12	3.95	5.45
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-317.41	-317.36	-43.96	-68.34		-1985.71	-1370.98	-1084.76	-747.55
			319.05		318.98	35.15	61.75	1998.43		1394.92	1108.45	758.88

Macro	Tipo	Angolo 1-X (gradi)
368	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
368	1	3289	6.97	-8.85	3.36	-5.24	-6.64	-42.06	-67.17	-65.50	-43.74	-6.27
368	1	3299	5.07	-11.71	-7.09	0.45	-7.50	-9.92	-88.43	-86.32	-12.03	12.70
368	1	3311	5.37	-12.75	-11.01	3.64	-5.33	14.45	-82.07	-80.17	12.55	13.41
...												
368	98	3355	2.00	-14.27	-13.47	1.20	-3.52	36.86	12.10	29.20	19.77	11.45
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-311.10	-309.57	-40.09	-64.20		-1996.07	-1959.41	-1369.02	-644.03
			317.63		314.36	39.18	53.74	1866.08		1827.50	1372.97	636.72

Macro	Tipo	Angolo 1-X (gradi)
369	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
369	1	3287	0.78	-4.35	-0.36	-3.21	2.13	-46.80	-68.93	-65.14	-50.60	8.34
369	1	3300	6.89	-12.65	3.80	-9.56	7.13	-29.12	-37.81	-36.45	-30.47	-3.15
369	1	3312	11.58	-11.28	9.77	-9.48	6.16	19.43	-33.94	17.92	-32.43	-8.85
...												
369	98	3364	8.12	-7.34	8.02	-7.24	1.24	126.22	4.11	126.21	4.13	-1.50
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-439.08	-418.61	-51.67	-83.09		-1825.83	-1825.38	-362.63	-373.75
			459.33		444.44	40.99	89.60	2096.75		2096.37	366.41	375.06

Macro	Tipo	Angolo 1-X (gradi)
370	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
370	1	3285	8.83	-7.80	5.74	-4.71	6.46	-39.50	-83.92	-69.01	-54.41	20.98
370	1	3301	5.90	-11.64	-6.35	0.61	8.05	-11.97	-87.54	-86.86	-12.65	-7.10
370	1	3313	5.60	-13.08	-11.20	3.72	5.61	13.27	-87.94	-87.33	12.65	-7.88
...												
370	98	3477	4.57	-21.06	-12.91	-3.58	-11.93	34.81	-4.73	16.41	13.67	19.72
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-336.11	-308.04	-46.49	-91.11		-2020.19	-1996.40	-970.57	-279.61
			338.74		316.88	47.54	101.40	1875.00		1852.34	882.76	306.19

Macro	Tipo	Angolo 1-X (gradi)
371	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
371	1	1662	25.01	-1.90	24.96	-1.85	1.18	225.84	-27.37	225.83	-27.35	1.82
371	1	1693	10.91	-1.08e-02	10.41	0.48	2.27	185.85	-13.28	185.83	-13.26	2.10
371	1	3319	24.38	-1.43	23.20	-0.24	5.41	95.58	-23.46	94.73	-22.61	-10.02
...												
371	98	3352	12.42	-8.83	8.37	-4.77	8.35	78.85	-10.83	78.73	-10.71	-3.29
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-287.28	-268.57	-51.54	-64.81		-1134.78	-1134.38	-157.41	-58.10
			318.98		306.56	41.40	79.73	1290.81		1290.21	137.21	45.04

Macro	Tipo	Angolo 1-X (gradi)
372	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
372	1	3220	8.43	-11.96	-11.94	8.40	-0.66	58.10	-112.15	-110.26	56.22	-17.82
372	1	3250	2.55	-15.19	-15.16	2.52	-0.69	27.09	-27.66	-27.63	27.06	1.37
372	1	3321	10.19	-9.64	-9.24	9.79	2.79	27.54	-105.21	-103.56	25.89	-14.69
...												
372	98	3353	4.32	-12.35	-11.37	3.34	3.92	39.98	-51.65	-50.74	39.07	-9.06
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-112.81	-71.99	-46.97	-80.04		-1252.22	-1210.24	-553.19	-282.48
			104.41		49.63	53.35	79.19	1154.41		1113.56	631.78	265.33

Macro	Tipo	Angolo 1-X (gradi)
373	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
373	1	1671	26.25	-1.56	26.21	-1.52	-1.07	219.95	-20.14	219.81	-20.00	-5.79
373	1	1699	12.43	0.61	11.94	1.11	-2.36	212.19	-11.00	211.66	-10.47	-10.86
373	1	3322	21.77	-1.00	20.84	-7.23e-02	-4.50	89.36	-17.22	89.25	-17.11	3.45
...												
373	98	3354	12.55	-8.10	7.98	-3.53	-8.58	54.21	-2.43	54.21	-2.43	-0.14
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-260.47	-248.51	-47.84	-66.49		-1105.14	-1102.54	-196.54	-182.45
			300.32		287.63	50.17	58.48	1492.45		1488.65	193.07	184.94

Macro	Tipo	Angolo 1-X (gradi)
374	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
374	1	3228	9.24	-11.07	-11.06	9.24	-0.17	39.22	-73.74	-73.23	38.71	-7.60
374	1	3256	2.29	-16.16	-16.11	2.24	-0.91	46.94	16.86	17.58	46.22	4.59
374	1	3323	6.74	-13.12	-12.05	5.68	-4.47	39.32	-51.54	-51.32	39.09	-4.53
...												
374	98	3355	2.29	-15.09	-13.19	0.40	-5.42	22.43	-3.68	8.09	10.67	12.99
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-123.21	-90.75	-22.27	-66.74		-1876.85	-1871.30	-336.24	-244.05
		108.61		63.70	23.74	66.54	1764.96		1757.49	396.81	239.27

Macro	Tipo	Angolo 1-X (gradi)
375	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
375	1	3338	6.55	-17.54	-1.44	-9.54	-11.34	26.96	11.94	18.17	20.73	-7.40
375	1	3342	9.10	-14.70	4.74	-10.34	-9.20	22.47	-0.41	19.89	2.17	7.23
375	1	3350	10.62	-10.54	7.27	-7.19	-7.72	56.70	-12.37	55.77	-11.44	7.94
...												
375	98	3378	2.87	-12.21	-1.83	-7.51	-6.98	114.55	2.49	114.52	2.52	1.66
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-184.23	-157.75	-111.08	-149.03		-1826.45	-1470.11	-1330.61	-434.53
			194.23		165.63	95.78	130.40	1870.71		1498.50	1364.69	420.35

Macro	Tipo	Angolo 1-X (gradi)
376	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
376	1	3338	6.65	-18.20	-7.23	-4.32	-12.34	17.76	-9.57	-5.08	13.27	-10.12
376	1	3343	3.31	-14.44	-11.90	0.77	-6.21	15.15	-36.95	-32.13	10.33	15.10
376	1	3351	3.48	-15.94	-15.09	2.64	-3.97	20.93	-56.16	-55.45	20.22	7.36
...												
376	98	3379	-0.82	-18.34	-18.06	-1.09	2.19	18.64	11.00	18.24	11.40	1.71
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-200.07	-110.65	-47.38	-174.10		-2090.82	-1794.24	-1533.61	-475.50
			171.45		80.04	41.37	153.75	2111.75		1728.72	1556.67	457.75

Macro	Tipo	Angolo 1-X (gradi)
377	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
377	1	3339	8.17	-27.82	-4.76	-14.89	17.27	64.97	47.54	61.67	50.84	6.83
377	1	3344	9.44	-15.87	4.45	-10.89	10.07	55.34	1.51	49.65	7.20	-16.55
377	1	3352	9.63	-10.07	7.39	-7.82	6.26	56.67	17.61	56.46	17.83	-2.92
...												
377	98	3372	4.26	-19.38	-8.35	-6.77	11.79	21.84	-11.76	20.91	-10.82	-5.53
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-304.79	-251.07	-41.69	-90.93		-1186.13	-1183.36	-221.07	-149.50
			275.64		247.76	28.51	119.01	1276.91		1274.53	303.52	149.67

Macro	Tipo	Angolo 1-X (gradi)
378	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
378	1	3340	6.31	-22.76	-10.31	-6.14	14.38	27.59	5.50	7.66	25.43	6.57
378	1	3345	3.45	-16.57	-13.20	6.85e-02	7.50	21.16	-23.04	-18.36	16.47	-13.61

378	1	3353	2.76	-16.61	-16.10	2.25	3.09	17.39	-36.88	-36.72	17.23	-2.88
...												
378	98	3373	-0.33	-20.28	-18.15	-2.46	6.17	23.34	4.69	23.05	4.98	2.30
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-171.28	-164.53	-73.47	-55.29		-1493.45	-1489.37	-828.49	-308.32
			147.88		132.84	64.43	78.87	1543.37		1538.88	840.37	307.54

Macro	Tipo	Angolo 1-X (gradi)
379	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
379	1	3341	6.53	-28.26	-6.17	-15.56	-16.75	55.21	40.00	54.46	40.75	3.28
379	1	3346	7.79	-15.74	2.78	-10.73	-9.63	39.65	-3.95	30.19	5.52	17.97
379	1	3354	8.79	-9.81	6.22	-7.24	-6.42	49.81	10.84	49.53	11.13	3.33
...												
379	98	3374	5.30	-18.63	-8.66	-4.67	-11.80	15.35	-6.17	14.94	-5.77	2.93
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-234.47	-231.88	-58.21	-60.57		-2328.36	-1788.47	-1079.09	-802.28
			232.45		222.01	47.84	35.68	2331.93		1817.60	1144.27	834.27

Macro	Tipo	Angolo 1-X (gradi)
380	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
380	1	3341	7.36	-27.56	-13.01	-7.19	-17.21	50.26	42.10	43.80	48.56	3.32
380	1	3347	2.43	-19.96	-16.65	-0.89	-7.95	53.81	-1.79	50.57	1.45	13.03
380	1	3355	0.27	-19.73	-19.20	-0.26	-3.21	20.38	-2.97	17.28	0.13	7.92
...												
380	98	3375	-1.82e-03	-20.81	-19.46	-1.35	-5.12	73.74	17.55	73.59	17.70	2.94
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-181.77	-160.58	-44.91	-88.63		-2159.36	-1151.62	-1659.25	-685.29
			184.29		139.53	34.90	60.56	2171.61		1253.20	1670.00	716.16

Macro	Tipo	Angolo 1-X (gradi)
381	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
381	1	3340	6.31	-22.07	-3.95	-11.82	13.63	38.62	30.81	32.43	37.00	3.17
381	1	3348	7.41	-17.27	3.04	-12.90	9.43	30.07	14.74	21.93	22.88	-7.65
381	1	3356	8.04	-13.86	5.78	-11.60	6.66	51.84	2.50	49.79	4.55	-9.86
...												
381	98	3384	1.05	-18.85	-0.80	-17.00	5.79	82.95	3.42	82.95	3.42	0.45
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-304.83	-288.04	-90.47	-67.76		-2022.46	-2020.60	-374.26	-193.46
			318.59		304.62	64.21	79.88	2192.51		2190.97	433.45	191.80

Macro	Tipo	Angolo 1-X (gradi)
382	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
382	1	3339	8.59	-27.12	-12.09	-6.45	17.63	61.80	48.63	53.87	56.56	6.45
382	1	3349	3.37	-20.61	-17.42	0.17	8.15	65.94	0.14	65.25	0.83	-6.71
382	1	3357	1.58	-20.40	-19.76	0.94	3.68	35.95	8.40	35.95	8.41	0.31
...												
382	98	3477	3.73	-21.34	-14.68	-2.93	-11.07	38.22	-15.56	28.62	-5.96	20.59
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-269.40	-246.75	-38.19	-56.28		-1081.50	-802.60	-674.28	-373.11
			236.95		227.26	16.49	76.62	1106.83		850.45	687.40	417.76

Macro	Tipo	Angolo 1-X (gradi)
383	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
383	1	1693	10.33	-6.14	10.31	-6.12	0.67	156.24	-12.28	155.06	-11.09	14.08
383	1	1713	1.07	-11.29	-1.56	-8.66	5.05	189.07	5.81	186.55	8.33	21.35
383	1	3352	13.84	-10.17	8.97	-5.31	9.65	64.41	-9.89	64.30	-9.79	2.81
...												
383	98	3372	4.13	-22.12	-7.91	-10.09	13.08	11.46	-7.53	-5.78	9.70	5.50
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-250.98	-223.42	-58.66	-59.06		-1359.83	-1353.99	-195.26	-127.14
			254.61		238.97	41.64	82.03	1353.23		1345.73	176.28	166.40

Macro	Tipo	Angolo 1-X (gradi)
384	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
384	1	3250	1.76	-17.72	-17.38	1.42	-2.55	35.61	-28.83	-28.09	34.88	-6.85
384	1	3270	-4.33	-23.06	-22.84	-4.54	-2.01	50.82	27.80	43.74	34.88	10.63
384	1	3353	4.52	-16.13	-15.47	3.86	3.61	15.82	-44.91	-43.84	14.75	-8.00
...												
384	98	3373	-0.71	-23.27	-22.23	-1.74	4.72	29.28	6.83	26.76	9.34	7.09
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-172.09	-154.58	-63.52	-76.01		-1570.74	-1566.99	-791.60	-332.76
			144.14		110.97	59.52	71.69	1628.89		1623.53	811.92	332.09

Macro	Tipo	Angolo 1-X (gradi)
385	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
385	1	1699	12.89	-4.77	12.76	-4.64	-1.48	159.41	-10.35	158.85	-9.79	-9.73
385	1	1719	2.10	-10.40	-1.01	-7.29	-5.40	191.00	10.86	187.78	14.08	-23.87
385	1	3354	11.38	-9.99	6.49	-5.10	-8.98	55.98	-4.26	55.82	-4.10	-3.11
...												
385	98	3374	6.61	-21.62	-7.19	-7.82	-14.11	17.63	-13.52	-13.51	17.63	-0.33
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-178.24	-171.71	-67.16	-53.00		-1753.10	-1752.02	-211.62	-111.64
			200.07		185.35	55.79	48.67	2105.61		2101.71	201.95	110.74

Macro	Tipo	Angolo 1-X (gradi)
386	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
386	1	3256	2.06	-18.79	-18.56	1.83	-2.17	29.59	13.30	13.30	29.59	0.12
386	1	3276	-3.56	-28.00	-27.82	-3.74	-2.10	93.69	3.62	89.65	7.65	18.63
386	1	3355	1.62	-19.40	-16.03	-1.75	-7.71	48.11	11.40	44.25	15.25	11.25
...												
386	98	3375	5.30e-02	-23.76	-19.63	-4.08	-9.01	53.97	4.69	48.66	10.00	15.28
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-127.47	-120.10	-17.21	-61.94		-1090.03	-1067.93	-341.33	-237.33
			106.72		81.73	16.27	58.24	1101.00		1077.76	357.15	266.82

Macro	Tipo	Angolo 1-X (gradi)
387	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
387	1	3366	4.80	-35.16	-13.58	-16.78	-19.91	30.12	29.70	30.07	29.75	0.13
387	1	3370	2.35	-21.70	-5.36	-13.98	-11.23	56.58	17.16	55.26	18.48	-7.09
387	1	3378	-3.13	-20.14	-4.27	-18.99	-4.26	73.56	3.94	73.56	3.94	-0.16
...												
387	98	3390	0.63	-32.63	-12.80	-19.21	-16.32	150.79	4.21	150.51	4.50	-6.44
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-165.08	-89.57	-63.65	-113.17		-1054.43	-884.70	-457.76	-376.39
			105.82		50.33	36.75	78.45	1112.70		1038.95	510.86	367.87

Macro	Tipo	Angolo 1-X (gradi)
388	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
388	1	3366	2.34	-32.04	-23.68	-6.03	-14.75	40.68	23.09	40.68	23.09	0.17
388	1	3371	-2.49	-25.54	-24.55	-3.48	-4.67	56.43	14.73	53.76	17.40	-10.20
388	1	3379	-2.99	-25.12	-24.54	-3.58	3.56	22.32	14.59	14.62	22.29	0.46
...												
388	98	3391	0.52	-31.51	-31.29	0.31	2.60	77.70	39.40	73.70	43.41	-11.72
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-150.68	-95.54	-32.00	-86.82		-1293.55	-1219.95	-780.55	-309.35
			97.52		55.29	28.27	61.90	1372.31		1292.88	826.87	297.05

Macro	Tipo	Angolo 1-X (gradi)
389	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
389	1	3367	1.37	-42.37	-19.74	-21.26	21.85	52.48	6.92	48.76	10.63	-12.46
389	1	3372	-2.97	-21.47	-10.34	-14.10	9.05	-6.14	-20.02	-18.53	-7.63	-4.29
389	1	3387	2.46	-49.58	-26.12	-21.00	25.89	-18.48	-54.11	-51.20	-21.40	-9.76
...												
389	98	3387	5.76	-42.43	-23.02	-13.66	23.64	-14.60	-36.97	-35.23	-16.34	-6.00
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-196.14	-150.70	-55.95	-64.33		-1054.74	-1053.29	-157.62	-102.73
			165.72		134.70	32.87	79.99	1021.89		1020.80	180.78	92.39

Macro	Tipo	Angolo 1-X (gradi)
390	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
390	1	3368	1.71	-34.92	-22.94	-10.26	17.18	32.96	13.51	32.62	13.85	-2.54
390	1	3373	-4.99	-28.37	-27.36	-6.00	4.75	58.77	-4.30	56.78	-2.31	11.02
390	1	3388	-3.54	-41.76	-37.60	-7.70	11.90	12.78	-19.46	8.54	-15.22	-10.90
...												
390	98	3388	-2.18	-33.94	-30.89	-5.23	9.36	10.46	-12.80	8.17	-10.50	-6.94
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-254.18	-253.25	-80.74	-42.41		-1116.51	-1088.72	-908.65	-548.47
			192.20		192.13	66.39	48.85	1202.42		1172.64	887.57	534.29

Macro	Tipo	Angolo 1-X (gradi)
391	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
391	1	3369	1.37	-40.86	-19.16	-20.32	-21.11	36.59	-2.88	28.03	5.68	16.26
391	1	3374	-2.14	-22.42	-10.80	-13.76	-10.03	2.49	-12.57	-12.51	2.43	0.95
391	1	3389	2.77	-42.77	-24.42	-15.58	-22.34	-7.96	-39.56	-37.49	-10.02	7.81
...												
391	98	3389	6.33	-36.91	-21.47	-9.11	-20.71	-5.53	-24.65	-23.58	-6.61	4.40
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-156.82	-145.27	-70.25	-86.74		-1826.77	-1124.28	-967.07	-759.91
			131.29		114.09	50.34	46.72	1843.00		1173.06	981.03	777.13

Macro	Tipo	Angolo 1-X (gradi)
392	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
392	1	3369	4.14	-39.74	-28.20	-7.40	-19.32	76.90	7.70	64.01	20.59	26.94
392	1	3375	-1.81	-30.01	-29.09	-2.74	-5.03	66.60	-6.25	66.09	-5.74	6.09
392	1	3389	0.72	-45.56	-44.10	-0.74	-8.08	10.47	-20.49	4.62	-14.64	12.11
...												
392	98	3389	2.30	-38.00	-36.94	1.24	-6.44	9.00	-9.50	6.91	-7.42	5.85
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-186.84	-184.43	-45.63	-62.14		-1807.96	-953.57	-1126.07	-845.58
			112.14		111.57	36.27	39.51	1837.37		1051.96	1169.47	883.07

Macro	Tipo	Angolo 1-X (gradi)
393	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
393	1	3368	3.35	-36.95	-13.75	-19.86	19.92	32.24	19.75	24.26	27.73	-6.00
393	1	3376	0.44	-26.05	-5.11	-20.50	10.78	51.04	16.20	49.50	17.74	7.16
393	1	3384	-3.27	-29.02	-3.48	-28.82	2.28	44.33	-1.68	44.25	-1.60	1.90
...												
393	98	3396	-0.77	-35.71	-8.86	-27.62	14.74	118.33	1.16	117.58	1.90	9.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-269.93	-232.18	-93.51	-51.47		-2102.96	-2100.37	-342.35	-563.31
		208.13		194.67	61.43	86.42	2210.05		2207.32	319.50	555.04

Macro	Tipo	Angolo 1-X (gradi)
394	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
394	1	3367	4.23	-41.29	-29.38	-7.69	20.01	86.06	23.50	80.68	28.88	-17.54
394	1	3377	0.10	-31.71	-30.12	-1.49	6.93	113.69	5.51	112.08	7.12	13.09
394	1	3385	-2.53	-31.75	-31.66	-2.61	-1.54	97.05	1.85	96.98	1.92	2.56
...												
394	98	3449	6.04	-42.87	-35.68	-1.15	-17.32	30.48	-41.30	24.80	-35.62	19.37
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-125.74	-113.33	-40.71	-47.72		-869.51	-549.84	-542.27	-430.58
			64.68		63.88	30.46	42.63	941.44		573.82	547.87	464.53

Macro	Tipo	Angolo 1-X (gradi)
395	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
395	1	1713	-0.20	-12.72	-2.57	-10.35	4.91	133.37	38.92	133.21	39.07	3.78
395	1	1725	-5.13	-22.12	-11.07	-16.18	8.10	169.27	60.38	169.16	60.49	-3.41
395	1	3372	3.09	-26.01	-10.32	-12.60	14.51	-7.46	-38.07	-35.33	-10.20	8.74
...												
395	98	3387	5.48	-43.95	-17.12	-21.35	24.63	59.37	-116.01	-104.10	47.46	-44.13
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-182.08	-146.70	-81.28	-50.28		-1232.15	-1216.41	-108.27	-292.43
			157.01		144.36	55.59	76.06	1179.85		1159.66	201.68	292.06

Macro	Tipo	Angolo 1-X (gradi)
396	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
396	1	3224	-3.11	-38.55	-37.71	-3.95	-5.37	89.86	69.90	79.19	80.57	9.96
396	1	3270	-7.02	-26.93	-25.87	-8.08	-4.47	38.92	17.48	30.57	25.83	10.46
396	1	3373	-2.60	-29.66	-28.61	-3.65	5.22	49.56	3.30	39.70	13.16	18.94
...												
396	98	3388	-0.86	-40.14	-40.06	-0.94	1.78	40.17	-38.57	35.09	-33.49	19.33
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-267.05	-248.30	-59.49	-73.26		-1685.61	-1576.45	-1168.04	-462.89
			198.52		169.55	53.55	77.10	1748.73		1629.22	1104.07	489.98

Macro	Tipo	Angolo 1-X (gradi)
397	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
397	1	1719	1.25	-13.68	-2.04	-10.39	-6.19	129.10	37.31	129.03	37.37	2.42
397	1	1731	-3.17	-22.00	-11.74	-13.44	-9.38	167.04	57.78	166.96	57.87	2.99

397	1	3374	1.18	-25.48	-13.10	-11.20	-13.30	1.19	-26.64	-25.31	-0.14	-5.94
...												
397	98	3389	8.76	-40.26	-15.25	-16.25	-24.51	59.02	-93.99	-81.78	46.80	41.47
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-125.66	-86.75	-78.27	-61.17		-1695.19	-1481.27	-369.52	-597.61
			74.31		67.67	57.48	19.89	1783.52		1775.00	463.18	679.61

Macro	Tipo	Angolo 1-X (gradi)
398	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
398	1	3252	-1.40	-42.44	-41.57	-2.26	-5.89	16.97	-9.12	16.87	-9.02	-1.56
398	1	3276	-3.86	-33.04	-32.44	-4.46	-4.14	79.17	1.84	72.92	8.09	21.07
398	1	3375	0.38	-28.07	-20.51	-7.18	-12.56	101.91	12.18	96.36	17.73	21.62
...												
398	98	3389	0.51	-42.95	-37.55	-4.89	-14.33	-17.83	-31.00	-23.63	-25.20	6.54
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-194.35	-191.68	-37.83	-50.28		-1571.37	-1242.14	-947.98	-439.55
			118.44		118.12	27.08	42.72	1509.68		1193.66	898.32	453.04

Macro	Tipo	Angolo 1-X (gradi)
399	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
399	1	940	12.32	-72.76	-32.60	-27.83	-42.47	126.79	79.86	125.81	80.84	6.71
399	1	3386	-0.27	-49.67	-23.95	-25.99	-24.68	-37.17	-75.34	-74.45	-38.06	5.78
399	1	3390	-4.93	-43.39	-13.19	-35.14	-15.79	157.02	-8.39	156.73	-8.10	-6.89
...												
399	98	3390	-2.32	-37.17	-11.19	-28.31	-15.18	163.72	-4.19	163.58	-4.05	-4.83
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-87.96	-53.68	-50.70	-49.71		-310.00	-277.06	-101.17	-184.67
			32.27		30.76	6.54	11.89	601.25		586.89	172.91	193.28

Macro	Tipo	Angolo 1-X (gradi)
400	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
400	1	940	0.92	-77.59	-76.45	-0.22	9.39	47.19	30.43	44.52	33.09	6.13
400	1	3386	1.28	-38.49	-33.62	-3.58	-13.03	23.35	-31.63	9.65	-17.92	23.78
400	1	3391	-1.60	-44.43	-43.29	-2.74	6.91	62.10	41.91	42.55	61.46	-3.54
...												
400	98	3391	3.91e-02	-43.06	-41.59	-1.43	7.82	47.13	33.00	43.41	36.73	-6.22
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-107.92	-98.43	-33.49	-23.34		-401.03	-254.27	-180.37	-190.95
			30.77		-2.33	30.09	35.44	492.26		335.96	259.68	180.24

Macro	Tipo	Angolo 1-X (gradi)
401	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
401	1	330	10.58	-72.86	-31.81	-30.47	41.71	58.86	5.20	57.54	6.53	-8.33
401	1	1725	-6.16	-40.33	-8.89	-37.60	9.26	145.67	11.53	145.67	11.54	0.96
401	1	3387	6.38	-58.06	-35.22	-16.46	30.83	4.32	-52.20	-39.48	-8.40	-23.61
...												
401	98	3387	9.49	-53.46	-30.94	-13.03	30.18	2.85	-35.92	-26.57	-6.49	-16.58
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-131.02	-111.28	-81.19	-24.53		-483.32	-482.80	-96.56	-82.40
			103.21		98.41	46.55	49.60	750.06		749.72	94.09	48.64

Macro	Tipo	Angolo 1-X (gradi)
402	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
402	1	905	-1.23	-73.90	-65.99	-9.14	-22.62	48.90	10.08	48.12	10.86	5.46
402	1	3224	-5.78	-44.95	-37.62	-13.10	-15.28	58.34	33.35	34.01	57.68	-4.01
402	1	3388	-0.98	-51.71	-51.71	-0.99	-0.13	34.83	-37.27	34.29	-36.74	-6.19
...												
402	98	3388	0.10	-47.09	-47.02	2.83e-02	-1.86	29.20	-29.17	29.18	-29.16	-0.94
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-242.07	-211.64	-71.51	-81.26		-776.55	-531.14	-760.08	-152.41
			169.07		120.13	71.36	78.62	719.31		587.49	702.21	148.76

Macro	Tipo	Angolo 1-X (gradi)
403	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
403	1	430	2.50	-67.87	-30.89	-34.47	-35.14	76.62	9.32	76.59	9.35	-1.49
403	1	1731	-5.55	-35.29	-8.33	-32.51	-8.65	143.37	7.35	143.35	7.38	1.84
403	1	3389	8.02	-50.54	-28.47	-14.05	-28.38	7.75	-17.95	-13.06	2.86	10.09
...												
403	98	3389	10.55	-46.87	-24.72	-11.60	-27.95	7.24	-7.81	-4.59	4.03	6.17
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-209.08	-158.85	-84.84	-88.12		-1163.53	-1133.79	-63.67	-457.49
			123.58		110.60	61.58	34.61	1420.29		1393.81	76.47	470.48

Macro	Tipo	Angolo 1-X (gradi)
404	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
404	1	430	-3.51	-80.80	-72.65	-11.66	-23.74	73.83	-10.24	57.98	5.61	32.88
404	1	3252	-0.13	-47.46	-45.96	-1.63	-8.28	0.33	-24.43	-13.57	-10.53	-12.28
404	1	3389	-1.96	-46.80	-36.53	-12.23	-18.84	-20.23	-58.32	-41.74	-36.82	18.88
...												
404	98	3389	0.43	-43.70	-33.58	-9.68	-18.55	-17.99	-46.32	-30.30	-34.02	14.04
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-191.22	-174.28	-67.40	-67.87		-996.43	-527.32	-263.21	-559.08
			110.04		109.48	47.62	30.41	905.40		464.23	196.88	586.49

Macro	Tipo	Angolo 1-X (gradi)
405	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
405	1	905	9.20	-75.41	-27.76	-38.45	41.97	64.26	48.20	63.55	48.91	-3.29
405	1	3388	-4.01	-55.37	-24.37	-35.01	25.12	-17.02	-49.89	-41.99	-24.92	-14.04
405	1	3396	-5.83	-50.46	-10.67	-45.62	13.88	84.86	-3.80	84.48	-3.42	5.79
...												
405	98	3396	-3.92	-41.95	-9.22	-36.66	13.17	94.30	-2.19	94.14	-2.02	3.95
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-290.10	-181.31	-98.18	-98.52		-1140.38	-1140.35	-179.02	-585.47
			197.56		139.28	38.81	146.37	1315.72		1315.72	223.34	561.19

Macro	Tipo	Angolo 1-X (gradi)
406	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
406	1	3407	-1.59	-15.81	-3.03	-14.37	-4.29	-105.42	-159.61	-159.38	-105.65	3.52
406	1	3408	0.92	-19.91	0.92	-19.91	0.14	-115.36	-172.78	-166.94	-121.19	17.35
406	1	3410	-4.85	-16.14	-4.85	-16.14	8.43e-02	-78.50	-173.06	-172.58	-78.98	-6.74
...												
406	98	3457	18.22	4.39	9.84	12.77	6.76	260.02	-45.13	-41.72	256.60	32.08
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-141.68	-117.50	-30.89	-70.14		-622.45	-607.58	-317.54	-206.35
			137.65		118.79	40.77	63.33	549.23		332.84	548.46	214.32

Macro	Tipo	Angolo 1-X (gradi)
407	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
407	1	3408	1.69	-20.33	1.51	-20.16	-1.94	-91.17	-180.24	-171.62	-99.79	-26.33
407	1	3410	-4.88	-16.31	-5.10	-16.10	1.54	-81.48	-171.03	-170.93	-81.57	-2.89
407	1	3411	0.56	-15.98	-1.67	-13.75	5.65	-94.07	-148.03	-132.71	-109.39	-24.33
...												
407	98	3466	23.71	1.16	12.97	11.89	-11.26	242.87	-35.50	-31.99	239.36	-31.05
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-124.23	-102.21	-28.86	-63.27		-698.44	-676.18	-380.14	-281.08
			122.96		104.42	49.58	67.70	744.13		532.06	743.99	236.54

Macro	Tipo	Angolo 1-X (gradi)
408	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
408	1	3401	-1.50	-43.32	-33.24	-11.58	17.89	30.57	-11.78	29.86	-11.07	-5.44
408	1	3405	2.42	-38.60	-21.22	-14.96	20.27	31.75	-0.50	21.72	9.54	-14.93
408	1	3472	-4.00	-26.03	-24.84	-5.19	4.98	43.32	-20.52	43.31	-20.50	-1.06
...												
408	98	3472	-2.64	-23.60	-23.03	-3.21	3.41	25.61	-23.10	25.07	-22.56	-5.11
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-142.19	-131.06	-72.22	-21.07		-673.25	-668.81	-434.93	-347.47
			78.32		77.77	50.28	45.76	725.72		722.63	392.95	340.54

Macro	Tipo	Angolo 1-X (gradi)
409	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
409	1	2842	15.20	6.34	14.84	6.71	1.76	425.53	-28.40	425.44	-28.31	-6.26
409	1	2843	22.79	5.81	22.77	5.83	0.57	479.90	-59.48	479.66	-59.24	-11.45
409	1	3444	18.79	4.23	18.76	4.26	0.64	192.08	-40.84	187.47	-36.23	32.43
...												
409	98	3445	12.23	1.20	11.20	2.23	3.22	163.01	-52.83	147.40	-37.21	-55.92
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-92.48	-67.33	-10.30	-52.84		-226.19	-31.14	-182.27	-100.56
			123.00		100.47	18.16	53.54	678.87		678.51	132.92	124.00

Macro	Tipo	Angolo 1-X (gradi)
410	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
410	1	3392	2.26	-24.47	-10.13	-12.08	-13.33	-5.26	-38.62	-30.32	-13.56	14.42
410	1	3406	2.86	-47.45	-17.20	-27.39	-24.63	71.86	15.10	66.15	20.81	17.07
410	1	3449	3.27	-45.35	-21.20	-20.88	-24.31	-17.33	-74.61	-73.99	-17.96	5.93
...												
410	98	3449	5.68	-38.23	-18.65	-13.90	-21.83	-13.21	-57.25	-56.72	-13.74	4.79
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-85.80	-72.55	-66.46	-40.66		-967.22	-826.42	-421.00	-400.84
			63.27		45.51	38.92	4.32	1025.35		743.34	455.61	422.79

Macro	Tipo	Angolo 1-X (gradi)
411	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
411	1	3332	2.64	-18.33	0.51	-16.21	-6.33	89.03	-19.33	75.15	-5.45	36.22
411	1	3381	4.16	-16.25	2.77	-14.86	-5.14	159.94	-1.09	159.54	-0.69	7.94
411	1	3407	-3.43	-16.67	-4.82	-15.28	-4.07	-52.62	-87.96	-79.10	-61.48	15.31
...												
411	98	3471	5.38	-19.68	3.34e-02	-14.34	-10.27	37.67	-33.30	12.18	-7.81	34.05
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-127.24	-82.96	-40.96	-76.12		-835.11	-778.58	-508.25	-124.89
			127.60		103.48	12.54	79.90	713.22		690.31	488.20	153.13

Macro	Tipo	Angolo 1-X (gradi)
412	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
412	1	3333	7.09	-10.15	-3.42	0.36	-8.41	64.27	-34.39	-29.92	59.80	20.52
412	1	3383	6.72	-5.50	-3.30	4.52	-4.69	220.12	-0.68	-0.68	220.12	-0.16
412	1	3407	-0.41	-17.92	-2.29	-16.03	-5.43	-64.82	-116.23	-111.46	-69.60	14.92
...												
412	98	3473	5.26	-17.40	-8.85	-3.29	-10.98	22.13	-29.62	-20.07	12.58	20.08
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-106.07	-51.73	-27.45	-84.31		-835.83	-813.62	-487.26	-186.00
		101.87		47.53	40.06	75.58	754.25		751.79	689.31	212.57

Macro	Tipo	Angolo 1-X (gradi)
413	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
413	1	3334	9.25	-9.87	3.05	-3.67	8.95	119.36	18.97	109.22	29.11	-30.25
413	1	3411	-1.11	-17.77	-3.17	-15.71	5.49	-33.11	-76.88	-56.29	-53.69	-21.85
413	1	3421	6.61	-18.32	3.89	-15.60	7.77	-15.75	-85.32	-35.22	-65.84	-31.24
...												
413	98	3474	7.37	-16.99	0.59	-10.21	10.92	47.12	-43.36	9.81	-6.04	-44.54
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-135.65	-78.10	-45.26	-70.71		-516.78	-462.95	-326.03	-104.22
			115.55		85.14	17.75	79.38	410.27		407.43	308.52	62.72

Macro	Tipo	Angolo 1-X (gradi)
414	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
414	1	3361	13.27	-9.76	7.52	-4.01	-9.97	154.92	36.23	149.33	41.82	25.15
414	1	3415	3.73	-16.82	2.10	-15.19	-5.55	-62.08	-81.90	-75.83	-68.16	-9.14
414	1	3424	11.29	-18.55	8.36	-15.61	-8.89	-18.27	-71.88	-20.07	-70.08	9.67
...												
414	98	3476	10.47	-16.02	4.24	-9.79	-11.24	43.18	-21.14	24.51	-2.47	29.19
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-121.12	-120.02	-37.77	-44.40		-991.66	-793.67	-446.98	-309.51
			126.02		123.28	32.65	34.65	978.90		798.79	447.05	328.39

Macro	Tipo	Angolo 1-X (gradi)
415	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
415	1	3328	8.45	-18.00	4.73	-14.28	9.20	18.74	-45.37	8.24	-34.87	-23.72
415	1	3363	10.24	-14.01	7.39	-11.15	7.82	105.09	-30.30	102.57	-27.78	-18.30
415	1	3400	7.79	-9.09	6.85	-8.15	3.87	272.02	-2.34	272.01	-2.34	1.31
...												
415	98	3469	6.04	-12.02	3.06	-9.04	6.71	-41.73	-98.96	-86.26	-54.43	-23.78
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-220.49	-199.19	-36.27	-71.74		-905.19	-905.08	-262.21	-265.41
			242.13		230.06	23.75	78.12	1403.96		1403.92	90.45	218.57

Macro	Tipo	Angolo 1-X (gradi)
416	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
416	1	3331	6.15	-22.54	-13.21	-3.19	13.44	53.69	-17.32	9.11	27.26	-34.33
416	1	3380	5.28	-10.84	-6.31	0.75	7.25	61.34	-28.43	-15.90	48.81	-31.11

416	1	3402	5.88	-8.28	-7.99	5.59	2.01	160.59	10.85	10.88	160.57	1.86
...												
416	98	3468	4.68	-24.62	-9.20	-10.74	14.63	25.93	-55.65	-8.76	-20.96	-40.33
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-129.37	-75.50	-31.19	-64.91		-685.43	-682.22	-517.35	-138.95
			110.42		73.48	49.71	76.00	811.68		531.52	811.13	59.76

Macro	Tipo	Angolo 1-X (gradi)
417	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
417	1	3330	-1.96	-24.99	-3.77	-23.18	6.19	116.61	-17.62	116.60	-17.62	-0.77
417	1	3395	2.20	-26.49	-4.16	-20.13	11.92	73.09	-15.29	69.86	-12.06	-16.59
417	1	3401	-3.81	-45.12	-19.05	-29.88	19.94	16.00	-16.18	3.02	-3.20	-15.78
...												
417	98	3463	-0.80	-32.70	-9.15	-24.34	14.03	132.50	-16.70	132.27	-16.47	5.79
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-141.96	-111.47	-77.67	-18.37		-1257.23	-1255.18	-134.37	-263.55
			79.07		78.30	39.36	45.51	1503.91		1502.21	129.77	241.16

Macro	Tipo	Angolo 1-X (gradi)
418	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
418	1	3360	-3.21	-26.08	-24.60	-4.68	5.62	10.79	-2.32	-1.77	10.24	-2.62
418	1	3399	-1.51	-40.31	-29.85	-11.98	17.22	12.21	7.05	10.54	8.71	2.41
418	1	3404	8.14	-44.96	-22.31	-14.51	26.26	71.69	26.14	55.79	42.03	-21.71
...												
418	98	3478	5.34e-02	-22.83	-16.91	-5.86	10.02	30.96	2.75	3.00	30.71	2.67
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-77.93	-64.98	-62.87	-9.87		-556.78	-50.36	-556.78	-163.41
			42.90		30.31	42.86	43.55	601.71		138.57	601.65	128.82

Macro	Tipo	Angolo 1-X (gradi)
419	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
419	1	3382	-1.35	-46.24	-6.38	-41.20	-14.17	40.67	16.07	27.05	29.69	-12.23
419	1	3394	-5.19	-34.69	-6.15	-33.73	-5.24	-20.37	-47.88	-47.59	-20.66	2.81
419	1	3403	2.45	-45.65	-10.93	-32.28	-21.55	54.74	17.01	39.04	32.71	18.60
...												
419	98	3459	0.53	-31.15	-3.66	-26.95	-10.74	21.69	-48.82	-48.82	21.68	-0.68
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-79.80	-57.10	-65.04	-52.55		-395.33	-394.85	-46.84	-168.89
			55.76		47.84	0.07	26.48	352.91		351.89	87.84	200.68

Macro	Tipo	Angolo 1-X (gradi)
420	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
420	1	2841	9.02	-5.62	-0.45	3.86	6.99	213.18	21.16	212.97	21.37	-6.39
420	1	2842	18.84	1.66	17.88	2.62	3.94	427.18	-28.87	422.31	-24.01	-46.86
420	1	3334	10.91	-10.25	3.34	-2.68	10.14	147.88	-58.58	125.14	-35.84	-64.64
...												
420	98	3445	14.23	0.99	12.55	2.67	4.41	92.41	0.67	90.24	2.84	-13.95
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-97.40	-67.01	-21.47	-54.15		-282.84	-282.84	-128.31	-107.10
			113.41		87.99	18.22	61.05	777.39		767.34	119.15	38.75

Macro	Tipo	Angolo 1-X (gradi)
421	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
421	1	2018	20.89	2.48	19.71	3.66	-4.51	467.28	-7.58	456.39	3.31	71.08
421	1	2040	10.88	-7.15	0.90	2.84	-8.96	240.44	18.53	239.65	19.33	-13.27
421	1	3361	15.62	-9.08	8.92	-2.38	-10.99	205.46	-55.86	174.01	-24.41	85.02
...												
421	98	3450	17.63	0.68	15.55	2.76	-5.56	86.62	-2.71	85.06	-1.16	11.68
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-85.15	-75.92	-38.78	-45.39		-564.35	-558.01	-81.87	-146.92
			119.94		103.17	44.34	34.44	1055.32		1053.05	111.93	171.10

Macro	Tipo	Angolo 1-X (gradi)
422	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
422	1	3332	3.08	-19.88	0.48	-17.28	-7.28	59.84	-23.86	48.20	-12.22	28.96
422	1	3381	3.55	-19.50	3.46	-19.42	-1.39	96.78	-28.40	96.30	-27.92	7.70
422	1	3394	-2.92	-28.49	-4.87	-26.55	-6.78	20.29	4.43	8.04	16.67	6.65
...												
422	98	3471	3.23	-20.30	-1.64	-15.44	-9.53	38.94	-30.91	10.62	-2.59	34.30
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-121.68	-60.84	-48.92	-86.81		-630.12	-550.10	-384.16	-120.92
			66.13		53.86	12.40	57.92	630.34		589.59	427.91	175.69

Macro	Tipo	Angolo 1-X (gradi)
423	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
423	1	3333	6.22	-11.88	-5.33	-0.33	-8.70	51.27	-29.02	-24.52	46.76	18.48
423	1	3383	5.85	-7.73	-6.78	4.90	-3.46	157.18	-27.60	-27.11	156.69	9.57
423	1	3403	1.00	-42.08	-19.21	-21.87	-21.50	58.36	-13.53	41.72	3.11	30.32
...												
423	98	3473	4.00	-17.65	-10.24	-3.41	-10.27	12.16	-32.20	-15.57	-4.47	21.47
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-125.96	-50.05	-30.53	-87.03		-698.01	-638.77	-545.51	-127.93
			67.75		24.70	34.42	54.69	776.91		641.31	776.89	179.07

Macro	Tipo	Angolo 1-X (gradi)
424	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
424	1	3334	7.55	-11.83	2.27	-6.55	8.63	48.76	-24.68	40.06	-15.98	-23.74
424	1	3404	2.71	-41.44	-14.15	-24.58	21.45	75.40	-18.42	11.65	45.33	-43.78
424	1	3462	4.81	-24.39	-10.58	-9.00	14.58	28.70	-4.20	16.61	7.89	-15.86
...												
424	98	3474	4.97	-17.45	-1.34	-11.14	10.08	48.79	-40.40	9.63	-1.24	-44.26
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-130.02	-65.27	-46.46	-42.44		-363.71	-334.57	-195.65	-195.87
			86.27		69.70	30.01	74.33	394.29		367.15	263.53	124.56

Macro	Tipo	Angolo 1-X (gradi)
425	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
425	1	3382	-1.18	-44.94	-25.36	-20.77	-21.76	50.45	21.81	27.28	44.98	-11.25
425	1	3403	5.34	-47.88	-19.65	-22.89	-26.56	46.07	20.36	38.33	28.10	11.79
425	1	3448	-6.20	-24.50	-20.28	-10.41	-7.71	68.72	-5.63	-5.54	68.64	2.58
...												
425	98	3461	1.31	-26.39	-13.66	-11.42	-13.80	66.69	-4.00	-3.98	66.66	1.27
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-69.69	-50.28	-57.17	-38.52		-532.21	-161.83	-531.92	-139.62
			27.23		22.41	23.27	-1.09	673.18		220.58	672.71	160.18

Macro	Tipo	Angolo 1-X (gradi)
426	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
426	1	3335	1.09	-16.19	-15.60	0.50	3.13	15.53	-76.30	-76.17	15.40	-3.44
426	1	3405	1.69	-32.56	-18.20	-12.67	16.90	33.82	-30.38	20.54	-17.10	-26.00
426	1	3469	3.15	-22.79	-6.79	-12.85	12.61	-4.55	-58.64	-50.93	-12.26	-18.91
...												
426	98	3475	1.79	-15.45	-11.23	-2.42	7.41	-6.99	-74.74	-68.26	-13.46	-19.92
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-101.81	-100.04	-64.41	-17.43		-791.71	-791.23	-381.01	-217.75
			89.33		89.09	46.42	36.96	802.78		802.22	380.12	186.07

Macro	Tipo	Angolo 1-X (gradi)
427	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
427	1	3361	11.85	-11.55	6.44	-6.14	-9.86	66.70	-8.13	63.89	-5.32	14.23
427	1	3392	6.33	-25.13	-11.18	-7.62	-15.63	34.62	-6.46	27.21	0.95	15.80
427	1	3406	3.01	-42.62	-15.96	-23.65	-22.49	67.20	5.78	37.67	35.31	30.69
...												
427	98	3476	8.03	-16.46	2.36	-10.78	-10.33	48.78	-19.62	26.62	2.54	32.01
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-94.19	-92.49	-51.82	-41.50		-1205.63	-992.14	-438.48	-358.42
			95.86		84.28	41.37	17.36	1219.18		1043.43	492.59	404.69

Macro	Tipo	Angolo 1-X (gradi)
428	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
428	1	3328	6.87	-19.10	3.30	-15.53	8.94	16.88	-45.12	3.06	-31.31	-25.80
428	1	3330	0.50	-22.11	-2.06	-19.55	7.16	163.57	-1.97	163.55	-1.96	1.61
428	1	3363	8.97	-15.53	6.35	-12.90	7.58	93.98	-32.72	90.76	-29.50	-19.94
...												
428	98	3469	2.31	-17.40	-2.31	-12.79	8.35	-3.46	-41.43	-28.75	-16.15	-17.91
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-176.97	-156.02	-70.34	-50.20		-1102.67	-1102.11	-232.92	-133.52
			185.13		171.88	41.42	60.31	1430.77		1430.15	201.51	98.10

Macro	Tipo	Angolo 1-X (gradi)
429	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
429	1	3331	5.10	-22.53	-14.58	-2.85	12.50	43.00	-22.84	14.12	6.04	-32.67
429	1	3360	-1.50	-19.72	-17.25	-3.96	6.23	58.22	16.41	16.73	57.90	-3.64
429	1	3380	5.03	-12.52	-7.88	0.38	7.75	42.53	-26.00	-11.54	28.07	-27.97
...												
429	98	3468	5.45	-31.54	-13.84	-12.25	18.48	60.74	9.36	19.83	50.27	-20.70
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-124.59	-70.58	-41.24	-36.85		-607.43	-380.02	-607.34	-237.40
			64.49		43.22	38.70	73.33	805.18		420.70	805.17	169.27

Macro	Tipo	Angolo 1-X (gradi)
430	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
430	1	2840	-5.74	-16.90	-11.77	-10.87	5.56	116.43	6.92	115.51	7.85	-10.02
430	1	2937	-4.74	-20.74	-10.47	-15.01	7.67	39.16	30.32	38.71	30.77	1.94
430	1	3399	-1.18	-38.67	-9.76	-30.09	15.76	41.78	-30.93	-30.30	41.15	-6.76
...												
430	98	3462	5.42	-21.40	-8.65	-7.34	13.39	-20.05	-49.18	-47.28	-21.95	-7.19
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-87.38	-47.66	-87.34	-28.58		-327.84	-323.04	-148.43	-82.42
			54.48		30.42	44.61	43.89	505.18		499.47	192.99	68.37

Macro	Tipo	Angolo 1-X (gradi)
431	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
431	1	3379	-4.23	-24.28	-23.53	-4.98	-3.81	25.60	11.84	22.83	14.61	5.51
431	1	3391	2.01e-02	-34.62	-34.60	-6.89e-03	0.97	113.66	59.06	111.32	61.39	11.05
431	1	3401	-2.25	-46.25	-41.68	-6.82	13.42	71.03	-43.44	68.10	-40.51	18.08
...												
431	98	3472	0.45	-24.31	-21.43	-2.44	7.95	32.82	-22.82	31.77	-21.77	7.58
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-144.56	-144.51	-41.31	-40.77		-941.87	-929.90	-553.19	-133.20
		80.81		73.48	36.17	33.64	1009.81		995.68	470.01	163.65

Macro	Tipo	Angolo 1-X (gradi)
432	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
432	1	940	6.73	-76.16	-27.44	-41.99	40.80	54.78	41.74	41.81	54.71	-0.97
432	1	3401	-1.21	-54.48	-20.82	-34.87	25.69	-15.38	-33.16	-17.86	-30.68	-6.16
432	1	3463	-6.06	-50.63	-9.66	-47.03	12.15	60.26	-23.63	60.26	-23.63	0.47
...												
432	98	3463	-3.58	-42.23	-7.94	-37.87	12.23	94.96	-17.59	94.96	-17.59	0.20
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-177.55	-94.08	-86.77	-37.50		-803.48	-803.23	-126.56	-295.87
			83.37		58.07	27.91	87.08	970.00		969.78	174.31	281.93

Macro	Tipo	Angolo 1-X (gradi)
433	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
433	1	990	5.16	-46.50	-2.46	-38.87	-18.32	64.39	23.35	23.94	63.81	4.85
433	1	3382	-1.71	-53.38	-7.68	-47.41	-16.52	50.79	-10.21	41.09	-0.51	-22.31
433	1	3459	-6.38	-54.05	-6.68	-53.76	-3.74	-2.83	-84.85	-84.42	-3.26	-5.92
...												
433	98	3459	-4.79	-43.97	-5.23	-43.52	-4.15	-2.96	-60.61	-60.29	-3.28	-4.25
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-70.87	-23.31	-70.62	-44.33		-197.35	-194.00	-77.85	-60.10
			25.09		10.85	-9.60	15.35	185.34		123.50	183.30	26.88

Macro	Tipo	Angolo 1-X (gradi)
434	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
434	1	2840	0.35	-18.11	-10.72	-7.04	9.04	129.59	3.06	129.33	3.33	-5.80
434	1	2841	5.75	-5.61	1.59	-1.45	5.47	261.05	-21.64	256.81	-17.39	-34.39
434	1	3334	12.52	-9.62	3.77	-0.87	10.82	36.12	-20.95	28.46	-13.29	-19.46
...												
434	98	3462	7.03	-21.77	-6.22	-8.51	14.35	40.05	-45.93	27.32	-33.20	-30.53
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-97.55	-66.91	-49.19	-47.78		-355.93	-350.45	-132.27	-103.04
			88.72		73.85	34.47	58.04	656.42		644.49	110.21	48.79

Macro	Tipo	Angolo 1-X (gradi)
435	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
435	1	990	8.30	-42.45	-30.89	-3.26	-21.28	53.83	25.54	25.97	53.40	-3.47
435	1	3382	5.58	-54.19	-28.13	-20.48	-29.64	49.30	5.01	10.34	43.97	-14.41

435	1	3461	-10.18	-45.20	-42.18	-13.20	-9.83	45.45	9.27e-02	0.39	45.15	3.66
...												
435	98	3461	-7.92	-36.90	-34.06	-10.76	-8.62	41.27	-0.24	7.78e-02	40.95	3.63
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-82.68	-69.75	-51.81	-50.91		-304.05	-60.62	-299.03	-106.66
			32.14		9.54	18.42	8.32	385.88		103.97	380.37	87.26

Macro	Tipo	Angolo 1-X (gradi)
436	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
436	1	390	2.66	-39.56	-6.62	-30.27	17.49	21.74	9.90	12.46	19.18	-4.87
436	1	2937	-10.30	-37.79	-10.38	-37.71	1.46	17.76	12.25	12.96	17.05	1.85
436	1	3399	2.31	-42.94	-15.02	-25.61	21.99	22.89	8.13	19.39	11.63	-6.27
...												
436	98	3399	4.23	-38.36	-11.98	-22.15	20.68	16.13	3.86	12.05	7.93	-5.78
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-86.42	-45.36	-86.27	-21.21		-312.05	-304.82	-74.15	-62.31
			57.67		21.57	42.27	49.04	341.18		334.74	100.84	55.96

Macro	Tipo	Angolo 1-X (gradi)
437	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
437	1	3335	4.00	-16.19	-14.28	2.09	5.91	2.66	-64.90	-64.40	2.16	-5.79
437	1	3359	3.20	-15.45	-15.06	2.81	-2.66	27.68	-48.06	-47.97	27.58	2.64
437	1	3379	-2.33	-20.56	-20.49	-2.41	-1.15	41.77	17.43	41.53	17.68	2.43
...												
437	98	3472	1.05	-22.25	-19.01	-2.19	8.07	17.62	-5.87	17.35	-5.60	2.51
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-77.03	-74.46	-42.48	-42.08		-983.78	-982.66	-313.47	-153.54
			62.68		37.32	37.63	37.78	1033.05		1031.82	305.48	158.08

Macro	Tipo	Angolo 1-X (gradi)
438	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
438	1	2836	-3.95	-19.77	-14.22	-9.51	-7.55	277.58	28.14	277.44	28.29	6.06
438	1	2837	7.30	-23.87	-6.93	-9.64	-15.53	245.18	15.13	245.14	15.17	-2.93
438	1	3392	10.75	-25.21	-10.04	-4.42	-17.76	-27.56	-81.28	-76.83	-32.00	-14.80
...												
438	98	3449	6.17	-40.09	-15.20	-18.73	-23.06	-19.31	-87.50	-84.48	-22.33	14.03
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-90.62	-42.39	-85.03	-31.11		-973.19	-914.12	-309.67	-170.64
			71.52		18.95	69.87	3.77	1202.29		1191.81	269.23	197.97

Macro	Tipo	Angolo 1-X (gradi)
439	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
439	1	390	3.17	-43.28	-30.05	-10.06	20.96	36.53	31.70	34.09	34.14	-2.41
439	1	3399	2.55	-43.97	-30.70	-10.72	21.01	5.02	-8.71	-5.40	1.72	5.87
439	1	3478	-3.76	-43.23	-41.94	-5.05	7.02	16.77	0.95	1.81	15.91	3.60
...												
439	98	3478	-2.83	-35.19	-33.98	-4.04	6.14	17.75	0.98	1.43	17.31	2.70
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-100.94	-71.25	-62.67	-20.84		-446.12	-40.49	-445.88	-107.57
			49.91		12.22	45.37	59.08	481.23		95.76	480.72	114.11

Macro	Tipo	Angolo 1-X (gradi)
440	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
440	1	2040	6.33	-6.93	6.94e-02	-0.67	-6.62	345.80	-4.05	341.55	0.20	38.34
440	1	2836	5.10	-19.18	-9.05	-5.03	-11.97	236.43	-0.18	236.32	-7.31e-02	-5.02
440	1	3361	15.69	-9.34	6.87	-0.52	-11.96	45.16	-19.13	44.48	-18.45	6.60
...												
440	98	3392	10.10	-22.10	-5.14	-6.86	-16.07	75.59	-54.54	55.41	-34.36	47.10
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-67.27	-54.35	-66.49	-35.30		-815.05	-815.05	-154.07	-152.14
			77.79		66.07	59.40	15.36	1434.63		1430.93	155.36	174.01

Macro	Tipo	Angolo 1-X (gradi)
441	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
441	1	330	14.88	-70.18	-29.39	-25.91	-42.50	115.19	15.38	113.45	17.12	13.06
441	1	2837	-9.65	-35.99	-12.18	-33.46	-7.76	202.30	13.02	200.98	14.33	-15.73
441	1	3449	15.50	-55.22	-32.84	-6.88	-32.89	-27.58	-103.47	-85.42	-45.63	32.31
...												
441	98	3449	16.95	-50.34	-28.11	-5.27	-31.65	-28.12	-87.46	-72.92	-42.65	25.52
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-120.32	-74.74	-84.95	-62.95		-731.59	-493.16	-211.57	-302.20
			56.31		19.73	54.56	16.14	834.57		834.44	129.70	352.11

Macro	Tipo	Angolo 1-X (gradi)
442	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
442	1	330	-11.26	-31.63	-11.61	-31.28	2.64	17.32	-66.73	-66.44	17.03	4.87
442	1	2795	-1.33	-27.82	-5.90	-23.24	10.01	39.09	-35.86	-1.40	4.64	37.35
442	1	2837	-5.52	-36.26	-5.61	-36.17	1.69	-0.68	-151.04	-150.77	-0.95	6.35
...												
442	98	2837	-4.58	-29.81	-5.16	-29.24	3.77	-3.25	-99.64	-99.64	-3.26	0.87
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-104.09	-89.06	-94.39	-61.86		-976.87	-958.16	-143.28	-135.75
			83.55		79.86	44.83	65.56	773.71		751.64	159.30	153.51

Macro	Tipo	Angolo 1-X (gradi)
443	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
443	1	3399	-1.00	-35.88	-12.14	-24.74	16.26	15.10	-13.81	-12.66	13.95	5.65
443	1	3404	4.13	-44.47	-14.41	-25.92	23.61	60.10	10.19	47.73	22.55	-21.55
443	1	3462	0.46	-25.11	-10.02	-14.63	12.58	10.04	-31.46	-20.16	-1.26	-18.47
...												
443	98	3462	0.72	-20.36	-7.18	-12.47	10.20	6.71	-29.31	-18.62	-3.98	-16.46
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-80.72	-42.01	-76.01	-31.26		-293.17	-243.81	-89.59	-221.41
			45.45		27.45	38.33	51.36	316.39		208.17	83.18	185.89

Macro	Tipo	Angolo 1-X (gradi)
444	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
444	1	390	-5.50	-33.59	-5.58	-33.51	-1.52	21.86	-76.62	-76.31	21.55	5.50
444	1	2937	-3.57	-39.62	-4.00	-39.19	3.90	19.20	-184.34	-183.02	17.87	-16.36
444	1	2939	-0.28	-28.67	-2.04	-26.91	-6.85	28.39	-68.13	-34.08	-5.66	-46.12
...												
444	98	2939	0.45	-26.53	-2.70	-23.38	-8.66	18.39	-47.92	-30.09	0.55	-29.41
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-87.60	-36.81	-84.86	-51.67		-725.93	-718.93	-91.12	-156.91
			46.31		30.81	30.28	49.08	469.33		463.66	118.72	94.56

Macro	Tipo	Angolo 1-X (gradi)
445	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
445	1	3481	0.92	-10.36	-8.17	-1.27	4.46	24.50	-50.03	-17.91	-7.62	-36.91
445	1	3482	2.81	-3.29	-0.64	0.16	3.02	8.40	-34.89	-13.24	-13.24	-21.65
445	1	3483	3.08	-9.92	-7.75	0.91	4.85	48.75	-26.09	22.19	0.47	-35.81
...												
445	98	3529	0.89	-13.20	-12.13	-0.18	3.74	35.37	12.20	15.21	32.35	-7.80
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-165.47	-105.99	-61.26	-99.45		-635.17	-206.28	-627.01	-152.61
			133.96		85.50	54.76	107.50	679.94		248.01	677.76	96.14

Macro	Tipo	Angolo 1-X (gradi)
446	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
446	1	3483	2.31	-12.66	-11.02	0.67	4.68	49.39	-10.40	18.99	20.01	-29.89
446	1	3484	2.63	-3.49	-1.39	0.53	2.91	10.93	-50.42	0.93	-40.42	-22.66
446	1	3485	3.11	-12.78	-11.26	1.60	4.67	73.45	17.70	65.72	25.43	-19.27
...												
446	98	3530	2.15	-18.99	-17.24	0.39	5.83	71.99	59.49	69.10	62.38	-5.27
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-157.67	-87.34	-31.17	-104.40		-429.90	-247.60	-400.80	-115.22
			116.36		59.80	23.68	116.49	369.16		292.93	366.93	76.62

Macro	Tipo	Angolo 1-X (gradi)
447	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
447	1	3485	2.48	-16.27	-15.19	1.40	4.38	63.91	27.68	63.73	27.86	-2.55
447	1	3486	0.97	-5.01	-4.63	0.59	1.46	16.00	-33.75	15.65	-33.39	-4.19
447	1	3487	1.03	-18.06	-16.77	-0.26	4.80	50.99	18.72	46.21	23.49	11.46
...												
447	98	3531	0.46	-28.18	-25.78	-1.95	7.94	72.04	59.39	71.67	59.77	-2.14
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-155.48	-117.41	-23.83	-106.96		-428.07	-154.06	-422.20	-127.26
			114.73		98.68	18.49	118.83	378.03		300.44	373.08	49.58

Macro	Tipo	Angolo 1-X (gradi)
448	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
448	1	1145	0.36	-11.44	-11.28	0.20	-1.36	-8.58	-36.14	-31.32	-13.39	10.46
448	1	1330	0.79	-113.58	-91.06	-21.73	45.48	-0.59	-67.19	-9.64	-58.14	-22.83
448	1	1480	-4.26	-60.88	-53.95	-11.19	18.55	14.43	-114.05	-114.05	14.43	-9.28e-02
...												
448	98	3531	0.16	-33.90	-31.83	-1.91	8.14	68.90	20.80	68.82	20.88	1.94
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-217.64	-213.21	-31.89	-101.82		-535.28	-486.11	-422.81	-178.53
			194.73		187.20	22.05	118.27	507.39		446.95	435.57	197.61

Macro	Tipo	Angolo 1-X (gradi)
449	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
449	1	2043	-1.47	-27.67	-23.53	-5.60	9.55	-13.35	-71.60	-27.65	-57.30	25.07
449	1	2063	-4.19	-33.41	-27.42	-10.18	11.79	4.93	-128.54	-2.74	-120.87	31.06
449	1	3499	-5.25	-18.59	-18.49	-5.35	1.16	16.13	-42.20	-14.65	-11.42	29.12
...												
449	98	3500	-2.27	-20.71	-19.86	-3.12	3.86	55.96	9.85	21.42	44.39	19.99
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-167.09	-118.46	-89.60	-78.67		-2577.10	-249.87	-2235.40	-880.61
			141.32		87.47	79.92	87.39	2477.74		223.22	2157.29	919.95

Macro	Tipo	Angolo 1-X (gradi)
450	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
450	1	2063	-1.15	-36.25	-30.88	-6.52	12.63	1.19	-111.76	-1.67	-108.90	17.74
450	1	2075	-6.94	-53.99	-40.71	-20.22	21.18	70.45	-254.66	64.12	-248.33	44.94
450	1	3500	-6.34	-27.91	-26.56	-7.69	5.23	63.37	-26.63	42.94	-6.19	37.71
...												
450	98	3501	0.18	-30.16	-27.38	-2.61	8.76	92.73	63.90	63.92	92.71	0.68
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-161.03	-96.07	-66.43	-85.99		-1220.44	-101.96	-1075.66	-398.01
		119.08		50.21	56.36	104.91	1065.97		188.99	922.64	427.01

Macro	Tipo	Angolo 1-X (gradi)
451	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
451	1	1195	2.53	-22.63	-21.06	0.96	6.09	70.48	-81.26	53.68	-64.47	-47.60
451	1	1385	30.44	-187.49	-130.05	-27.00	-96.01	1.70	-172.41	-14.28	-156.43	50.27
451	1	1495	9.39	-84.85	-77.55	2.10	-25.19	50.90	-70.96	-69.90	49.83	11.34
...												
451	98	3536	17.30	-56.18	-50.79	11.91	-19.16	238.44	84.82	185.79	137.46	72.91
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-275.40	-270.56	-56.37	-152.89		-487.33	-300.64	-486.50	-204.43
			141.75		122.10	26.53	130.13	481.03		339.26	480.92	147.28

Macro	Tipo	Angolo 1-X (gradi)
452	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
452	1	1385	17.82	-134.31	-130.88	14.39	-22.59	169.41	-379.38	130.27	-340.24	-141.24
452	1	2077	9.16	-78.53	-73.52	4.15	-20.36	60.20	-362.53	21.00	-323.33	-122.62
452	1	3536	16.75	-64.37	-64.35	16.72	-1.56	300.94	-28.37	284.48	-11.92	71.76
...												
452	98	3537	-2.25	-44.35	-44.15	-2.45	-2.92	37.62	-125.17	-17.39	-70.16	-77.00
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-203.65	-180.07	-34.29	-108.35		-655.61	-337.84	-537.22	-305.76
			114.12		39.32	54.06	91.70	462.36		445.36	367.43	113.10

Macro	Tipo	Angolo 1-X (gradi)
453	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
453	1	2065	-4.35	-42.59	-31.40	-15.54	-17.40	-18.45	-153.37	-18.93	-152.89	-8.04
453	1	2077	-7.41	-69.46	-41.34	-35.53	-30.89	78.13	-406.18	73.40	-401.45	-47.62
453	1	3537	3.12	-51.69	-39.89	-8.68	-22.53	152.52	61.79	64.56	149.76	-15.59
...												
453	98	3538	-8.11	-28.79	-24.66	-12.23	-8.26	42.31	-73.20	17.13	-48.02	-47.69
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-161.45	-91.46	-127.22	-97.88		-999.66	-155.61	-989.00	-247.87
			97.35		32.02	93.42	61.15	647.52		260.29	581.50	231.94

Macro	Tipo	Angolo 1-X (gradi)
454	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
454	1	2045	-5.89	-29.08	-22.11	-12.86	-10.63	-27.00	-107.05	-39.97	-94.07	-29.50
454	1	2065	-5.68	-40.29	-25.82	-20.15	-17.07	-4.98	-191.30	-8.99	-187.29	-27.04

454	1	3538	-5.93	-33.36	-29.18	-10.11	-9.86	80.88	-7.69	13.64	59.56	-37.87
...												
454	98	3539	-7.50	-17.43	-16.45	-8.48	-2.96	-5.19	-54.83	-26.88	-33.13	-24.62
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-140.70	-112.64	-112.78	-62.71		-1912.29	-185.66	-1643.74	-701.20
			106.37		79.15	84.99	45.69	1750.89		159.84	1503.73	654.35

Macro	Tipo	Angolo 1-X (gradi)
455	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
455	1	3492	9.57	-38.82	-33.06	3.81	-15.67	168.92	135.24	166.65	137.50	8.43
455	1	3493	7.03	-28.67	-23.03	1.39	-13.03	148.32	82.08	89.50	140.90	20.88
455	1	3515	5.53	-21.84	-19.82	3.50	-7.17	94.76	64.75	92.90	66.61	-7.24
...												
455	98	3537	3.82	-48.61	-36.88	-7.91	-21.85	113.76	5.07	27.29	91.53	-43.84
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-172.52	-69.65	-61.58	-140.34		-421.23	-107.26	-410.69	-88.74
			122.36		33.10	46.30	113.90	356.38		258.22	356.20	140.29

Macro	Tipo	Angolo 1-X (gradi)
456	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
456	1	3493	7.34	-25.77	-19.39	0.96	-13.06	126.50	89.41	90.87	125.05	7.20
456	1	3494	1.15e-03	-19.95	-16.13	-3.82	-7.85	94.15	6.82	7.64	93.33	8.42
456	1	3517	6.75	-15.95	-11.85	2.65	-8.73	95.56	28.16	69.31	54.42	32.87
...												
456	98	3538	-2.59	-30.01	-24.00	-8.60	-11.34	50.93	-25.86	-14.10	39.17	-27.65
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-159.53	-81.66	-80.46	-118.89		-454.22	-208.27	-439.55	-91.74
			114.13		71.45	63.38	97.19	525.88		224.28	523.80	122.00

Macro	Tipo	Angolo 1-X (gradi)
457	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
457	1	3494	1.66	-17.49	-13.07	-2.76	-8.07	62.79	8.38	9.72	61.45	8.43
457	1	3495	-4.40	-15.33	-13.73	-6.00	-3.86	30.77	-48.99	-48.36	30.14	7.08
457	1	3519	5.35	-12.57	-7.21	-1.06e-02	-8.20	54.73	-32.89	8.24	13.60	43.73
...												
457	98	3539	-4.78	-19.60	-17.05	-7.33	-5.60	13.89	-52.85	-45.93	6.97	-20.34
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-138.18	-114.36	-85.48	-90.73		-700.41	-176.41	-695.46	-65.43
			125.28		110.27	70.47	76.79	712.90		167.55	712.47	127.21

Macro	Tipo	Angolo 1-X (gradi)
458	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
458	1	1330	1.94	-95.38	-94.36	0.92	9.91	76.59	-159.66	73.81	-156.88	25.46
458	1	2075	6.70	-64.66	-61.34	3.38	15.03	60.13	-214.09	49.59	-203.55	52.71
458	1	3501	-0.88	-39.76	-39.74	-0.90	0.88	72.18	-15.56	48.71	7.92	38.84
...												
458	98	3502	2.31	-41.13	-41.03	2.22	2.02	134.16	-29.01	116.49	-11.34	-50.70
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-153.02	-128.68	-65.52	-71.89		-437.28	-77.24	-361.93	-120.56
			95.88		58.95	70.65	70.95	354.41		314.85	227.86	191.95

Macro	Tipo	Angolo 1-X (gradi)
459	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
459	1	3544	-0.11	-9.83	-8.65	-1.30	3.18	20.45	-52.00	-19.54	-12.02	-36.03
459	1	3545	2.13	-2.76	-0.84	0.21	2.39	11.56	-32.20	-10.59	-10.06	-21.88
459	1	3546	2.14	-9.28	-7.79	0.65	3.85	46.76	-28.78	20.23	-2.25	-36.06
...												
459	98	3592	1.73e-02	-12.55	-11.92	-0.61	2.73	29.47	8.11	10.93	26.65	-7.23
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-163.98	-119.65	-40.96	-96.79		-696.09	-289.40	-687.37	-177.47
			134.21		89.10	34.77	102.87	731.46		323.92	728.95	122.65

Macro	Tipo	Angolo 1-X (gradi)
460	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
460	1	3546	1.46	-12.16	-11.06	0.36	3.70	47.79	-13.84	16.79	17.17	-30.82
460	1	3547	1.93	-2.90	-1.52	0.54	2.18	11.86	-49.01	1.32	-38.46	-23.04
460	1	3548	2.46	-12.18	-11.05	1.34	3.90	74.62	14.32	66.34	22.60	-20.75
...												
460	98	3593	1.39	-18.44	-17.01	-3.50e-02	5.13	70.58	56.29	67.93	58.94	-5.56
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-148.52	-93.65	-20.12	-98.68		-492.72	-297.76	-467.55	-121.13
			110.83		74.44	18.17	108.00	426.85		330.35	413.71	82.24

Macro	Tipo	Angolo 1-X (gradi)
461	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
461	1	3548	1.96	-15.65	-14.92	1.23	3.52	64.72	24.64	64.22	25.15	-4.47
461	1	3549	0.97	-5.04	-4.71	0.64	1.36	20.05	-31.48	19.41	-30.84	-5.70
461	1	3550	0.90	-18.08	-17.01	-0.17	4.38	52.05	18.58	49.33	21.30	9.15
...												
461	98	3594	7.60e-02	-27.89	-25.68	-2.14	7.55	76.11	57.85	75.67	58.30	-2.82
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-145.97	-127.36	-26.72	-99.86		-452.82	-195.17	-447.62	-150.90
			118.82		114.87	20.50	110.40	406.34		339.19	402.48	59.37

Macro	Tipo	Angolo 1-X (gradi)
462	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
462	1	289	0.95	-113.94	-90.80	-22.19	46.08	-1.82	-69.80	-12.36	-59.26	-24.60
462	1	1095	0.54	-11.43	-11.12	0.23	-1.91	-10.11	-40.53	-38.78	-11.86	7.08
462	1	1465	-4.59	-60.57	-53.75	-11.41	18.31	14.11	-113.91	-113.91	14.11	0.37
...												
462	98	3594	-0.19	-33.58	-31.66	-2.10	7.76	72.53	19.92	72.47	19.98	1.72
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-246.14	-234.51	-34.78	-93.64		-759.42	-708.19	-455.57	-215.56
			223.40		208.56	23.43	108.38	718.24		659.10	462.57	229.40

Macro	Tipo	Angolo 1-X (gradi)
463	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
463	1	1938	-1.49	-23.01	-19.98	-4.51	7.48	-6.57	-43.84	-34.52	-15.89	16.14
463	1	1958	-4.71	-30.47	-24.91	-10.27	10.60	-4.63	-95.61	-12.52	-87.73	25.60
463	1	3562	-5.28	-17.11	-17.11	-5.28	-8.06e-02	14.02	-42.98	-22.72	-6.24	27.28
...												
463	98	3563	-3.37	-19.17	-18.78	-3.76	2.44	51.76	3.20e-02	11.72	40.08	21.63
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-168.77	-137.55	-60.03	-70.83		-2743.36	-257.85	-2319.85	-1024.33
			144.18		108.75	52.61	76.73	2707.84		217.60	2307.52	1050.06

Macro	Tipo	Angolo 1-X (gradi)
464	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
464	1	1913	-7.68	-53.07	-39.17	-21.59	20.92	62.15	-246.05	53.74	-237.63	50.24
464	1	1958	-2.28	-32.17	-27.91	-6.54	10.44	-3.83	-91.77	-7.04	-88.57	16.48
464	1	3563	-7.72	-26.12	-25.26	-8.59	3.89	56.17	-32.05	31.10	-6.98	39.79
...												
464	98	3564	-0.90	-29.23	-27.08	-3.05	7.50	91.71	59.46	59.50	91.67	1.16
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-153.34	-106.01	-45.29	-78.68		-1360.68	-128.85	-1173.52	-485.24
			112.30		62.29	35.35	95.09	1238.01		182.73	1055.20	512.28

Macro	Tipo	Angolo 1-X (gradi)
465	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
465	1	1145	0.52	-14.09	-13.51	-6.17e-02	2.85	-6.25	-49.70	-45.21	-10.75	-13.23
465	1	1330	5.82	-123.29	-102.02	-15.45	-47.89	-12.25	-70.44	-30.94	-51.76	27.17
465	1	1480	-4.39	-65.53	-60.45	-9.47	-16.88	-2.91	-152.67	-150.71	-4.88	17.03
...												
465	98	3599	4.77	-47.32	-44.40	1.85	-11.98	157.50	17.23	114.39	60.34	64.72
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-213.11	-213.11	-19.71	-91.18		-434.69	-405.31	-421.73	-243.94
			182.58		182.32	23.86	75.60	437.19		258.70	434.63	217.21

Macro	Tipo	Angolo 1-X (gradi)
466	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
466	1	1330	1.03	-106.90	-98.26	-7.62	-29.29	25.95	-143.80	25.03	-142.88	12.43
466	1	1941	8.65	-66.79	-53.22	-4.92	-28.97	61.54	-184.39	61.53	-184.38	-1.31
466	1	3599	3.72	-48.63	-44.89	-2.46e-02	-13.49	158.84	-56.09	95.90	6.86	97.81
...												
466	98	3600	-4.56	-35.99	-35.81	-4.75	-2.39	64.29	-40.72	44.18	-20.62	-41.31
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-132.00	-117.63	-38.85	-68.40		-552.80	-72.29	-547.34	-175.00
			67.98		35.16	31.69	53.68	314.31		161.66	275.65	214.93

Macro	Tipo	Angolo 1-X (gradi)
467	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
467	1	1941	-10.09	-53.10	-30.65	-32.54	-21.48	120.13	-264.33	119.24	-263.44	18.41
467	1	1960	-1.54	-36.35	-25.82	-12.08	-15.99	0.60	-115.17	0.57	-115.15	-1.65
467	1	3600	-0.56	-41.56	-30.09	-12.03	-18.40	117.27	102.54	116.26	103.55	-3.72
...												
467	98	3601	-6.47	-22.58	-20.64	-8.41	-5.24	46.04	-35.27	43.19	-32.42	-14.95
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-139.50	-101.96	-72.82	-76.44		-1489.33	-270.01	-1418.56	-373.25
			94.97		60.42	48.49	51.19	1333.12		362.90	1257.94	366.46

Macro	Tipo	Angolo 1-X (gradi)
468	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
468	1	1940	-0.75	-23.84	-18.56	-6.04	-9.70	-13.87	-54.54	-30.12	-38.29	-19.92
468	1	1960	-4.54	-31.38	-21.91	-14.01	-12.82	18.65	-115.78	15.36	-112.49	-20.79
468	1	3601	-4.05	-25.91	-23.74	-6.22	-6.53	66.05	15.68	29.88	51.85	-22.67
...												
468	98	3602	-3.27	-13.47	-13.41	-3.33	-0.76	2.59	-30.57	-10.93	-17.05	-16.29
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-157.12	-138.46	-75.19	-53.28		-3277.38	-165.29	-2945.81	-1045.17
			131.73		111.21	65.29	44.79	3217.43		204.33	2904.17	1014.03

Macro	Tipo	Angolo 1-X (gradi)
469	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
469	1	3555	1.98	-32.15	-28.95	-1.22	-9.96	114.95	87.44	114.48	87.91	3.57
469	1	3556	1.62	-23.91	-22.01	-0.28	-6.70	109.33	85.21	99.39	95.15	11.87
469	1	3578	1.65	-18.55	-17.45	0.54	-4.59	72.10	25.39	68.31	29.17	-12.74
...												
469	98	3600	7.72e-02	-41.57	-35.21	-6.29	-14.99	76.84	22.62	44.74	54.72	-26.64
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-145.12	-104.82	-29.82	-90.36		-403.91	-136.73	-399.54	-70.79
		96.19		92.36	19.19	75.91	349.90		290.47	346.87	134.71

Macro	Tipo	Angolo 1-X (gradi)
470	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
470	1	3556	1.71	-21.07	-18.75	-0.60	-6.88	99.77	85.10	96.54	88.33	6.08
470	1	3557	-1.34	-17.10	-16.56	-1.88	-2.85	67.97	24.78	26.38	66.36	8.17
470	1	3580	2.63	-12.20	-10.91	1.34	-4.18	78.79	18.16	70.06	26.89	21.28
...												
470	98	3601	-2.47	-23.81	-21.54	-4.74	-6.57	44.85	-7.26	-4.69	42.27	-11.29
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-134.42	-107.19	-41.14	-84.08		-406.06	-219.73	-399.43	-72.75
			102.89		86.85	31.78	73.28	493.43		312.77	491.17	125.84

Macro	Tipo	Angolo 1-X (gradi)
471	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
471	1	3557	-0.19	-14.26	-13.51	-0.94	-3.15	49.68	22.24	25.40	46.52	8.76
471	1	3558	-2.30	-14.21	-14.13	-2.38	-0.97	18.02	-34.13	-33.02	16.92	7.51
471	1	3582	1.92	-9.10	-7.63	0.45	-3.75	46.75	-28.85	19.02	-1.12	36.43
...												
471	98	3602	-1.95	-15.14	-14.50	-2.59	-2.84	19.83	-45.46	-43.65	18.03	-10.70
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-143.89	-125.58	-57.21	-74.37		-867.72	-232.88	-864.34	-104.19
			116.87		111.40	51.70	68.38	904.83		277.86	903.91	159.91

Macro	Tipo	Angolo 1-X (gradi)
472	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
472	1	3558	-1.37	-12.22	-12.08	-1.51	-1.24	-5.93	-34.04	-33.10	-6.86	5.04
472	1	3559	-3.15	-13.29	-13.28	-3.16	-0.41	-32.41	-55.32	-54.90	-32.83	3.07
472	1	3584	0.48	-8.15	-6.90	-0.78	-3.04	6.06	-56.57	-18.92	-31.59	30.67
...												
472	98	3603	-2.22	-10.86	-10.71	-2.37	-1.12	-0.48	-46.92	-45.38	-2.02	-8.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-146.07	-135.71	-90.13	-60.34		-1264.61	-378.77	-1258.72	-113.60
			125.01		124.87	84.59	55.50	1257.29		282.78	1254.29	158.67

Macro	Tipo	Angolo 1-X (gradi)
473	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
473	1	1912	-1.98	-10.56	-8.01	-4.53	-3.92	43.46	-18.72	-16.71	41.45	-11.00
473	1	1940	-0.81	-18.74	-11.36	-8.19	-8.83	-4.21	-42.03	-25.90	-20.34	-18.70

473	1	3602	-2.80	-17.33	-17.26	-2.88	-1.05	18.92	-32.73	-22.61	8.80	-20.50
...												
473	98	3603	-2.38	-9.96	-9.95	-2.39	0.29	-11.03	-37.81	-26.06	-22.78	-13.29
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-161.21	-153.98	-131.85	-54.30		-4502.20	-228.34	-4427.34	-590.31
			142.42		133.47	123.81	47.69	4480.57		173.74	4412.82	563.01

Macro	Tipo	Angolo 1-X (gradi)
474	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
474	1	289	1.91	-95.22	-94.47	1.16	8.51	86.83	-167.71	82.71	-163.60	32.08
474	1	1913	5.91	-64.41	-61.12	2.62	14.85	58.26	-217.10	45.12	-203.95	58.71
474	1	3564	-2.21	-38.35	-38.34	-2.21	0.30	69.94	-21.36	44.60	3.98	40.88
...												
474	98	3565	1.92	-40.89	-40.84	1.87	1.46	141.05	-26.80	125.75	-11.49	-48.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-144.97	-128.99	-65.34	-59.44		-551.89	-113.31	-461.45	-141.07
			87.28		61.63	69.01	58.31	390.49		343.38	194.10	225.06

Macro	Tipo	Angolo 1-X (gradi)
475	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
475	1	3608	-0.29	-9.59	-8.38	-1.49	3.12	20.94	-55.22	-21.02	-13.27	-37.88
475	1	3609	2.43	-2.30	-4.43e-02	0.18	2.36	12.46	-32.30	-11.00	-8.84	-22.35
475	1	3610	2.09	-9.12	-7.46	0.43	3.98	47.79	-32.53	18.66	-3.40	-38.62
...												
475	98	3656	-0.15	-12.75	-12.07	-0.83	2.84	29.16	6.26	10.00	25.42	-8.47
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-148.80	-102.47	-33.04	-90.73		-543.67	-236.94	-532.74	-168.63
			118.68		71.20	26.00	97.01	565.45		270.52	562.32	110.76

Macro	Tipo	Angolo 1-X (gradi)
476	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
476	1	3610	1.36	-11.95	-10.72	0.13	3.86	48.83	-17.85	14.91	16.07	-33.34
476	1	3611	2.34	-2.55	-0.71	0.51	2.37	11.91	-51.27	0.53	-39.89	-24.28
476	1	3612	2.56	-11.91	-10.61	1.25	4.15	75.42	11.83	65.20	22.04	-23.35
...												
476	98	3657	1.52	-18.69	-17.13	-3.65e-02	5.39	72.19	56.76	69.04	59.91	-6.22
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-138.33	-93.24	-24.80	-93.61		-527.48	-262.48	-503.19	-118.87
			100.11		84.89	20.13	101.92	458.51		306.55	446.46	75.28

Macro	Tipo	Angolo 1-X (gradi)
477	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
477	1	3612	1.98	-15.34	-14.46	1.09	3.80	63.85	24.61	62.78	25.68	-6.39
477	1	3613	1.21	-4.59	-4.01	0.63	1.75	19.08	-35.94	18.02	-34.88	-7.55
477	1	3614	1.21	-17.69	-16.50	2.97e-02	4.58	55.29	20.58	53.06	22.81	8.49
...												
477	98	3658	0.53	-28.34	-25.97	-1.85	7.93	82.13	60.74	81.76	61.11	-2.80
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-140.54	-133.93	-26.30	-94.32		-493.62	-179.79	-487.54	-144.84
			127.61		122.51	20.19	105.59	439.13		343.80	434.97	74.00

Macro	Tipo	Angolo 1-X (gradi)
478	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
478	1	569	2.81	-121.25	-91.58	-26.86	52.92	-2.37	-77.23	-16.98	-62.62	-29.67
478	1	570	-3.84	-62.97	-55.17	-11.64	20.01	15.50	-112.61	-112.60	15.49	0.97
478	1	575	0.60	-41.43	-36.37	-4.46	13.68	15.44	-168.30	-167.97	15.11	7.80
...												
478	98	3658	0.24	-33.99	-31.70	-2.05	8.55	78.12	22.37	78.10	22.39	1.07
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-261.99	-250.45	-44.84	-90.47		-1342.11	-1301.86	-552.12	-261.24
			241.35		226.92	21.59	104.93	1337.40		1291.99	549.94	279.61

Macro	Tipo	Angolo 1-X (gradi)
479	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
479	1	3620	2.41	-21.22	-18.73	-7.61e-02	-7.25	102.66	86.02	99.19	89.50	6.76
479	1	3621	-0.92	-17.29	-16.56	-1.64	-3.37	69.50	25.33	27.30	67.53	9.11
479	1	3644	3.05	-12.60	-11.16	1.61	-4.53	81.41	18.85	72.60	27.66	21.76
...												
479	98	3661	-2.46	-23.81	-21.56	-4.71	-6.56	46.31	-8.04	-5.13	43.41	-12.22
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-124.55	-103.22	-38.16	-72.32		-381.07	-213.21	-362.08	-69.90
			98.23		92.44	28.87	61.12	455.25		296.53	452.16	118.38

Macro	Tipo	Angolo 1-X (gradi)
480	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
480	1	3621	0.24	-14.48	-13.50	-0.75	-3.68	50.13	22.30	26.10	46.34	9.56
480	1	3622	-2.29	-14.45	-14.28	-2.46	-1.45	17.73	-33.61	-32.15	16.27	8.53
480	1	3646	2.40	-9.56	-7.75	0.59	-4.29	48.54	-29.68	19.88	-1.02	37.69
...												
480	98	3662	-1.89	-15.56	-14.92	-2.53	-2.89	18.90	-44.65	-42.60	16.85	-11.23
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-134.45	-120.42	-51.97	-62.74		-811.47	-200.55	-806.86	-92.66
			110.34		106.11	46.52	55.99	845.02		246.90	843.62	149.83

Macro	Tipo	Angolo 1-X (gradi)
481	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
481	1	3622	-1.28	-12.52	-12.24	-1.55	-1.73	-6.93	-33.86	-32.29	-8.50	6.31
481	1	3623	-3.21	-13.69	-13.61	-3.28	-0.87	-33.96	-55.44	-54.53	-34.87	4.32
481	1	3648	0.89	-8.61	-6.94	-0.78	-3.62	7.61	-58.33	-18.51	-32.21	32.25
...												
481	98	3663	-2.13	-11.40	-11.19	-2.34	-1.36	-3.59	-46.84	-45.18	-5.25	-8.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-134.12	-127.49	-81.91	-49.18		-1171.09	-372.76	-1163.00	-98.12
			116.81		116.79	76.38	43.99	1156.07		277.30	1151.67	145.64

Macro	Tipo	Angolo 1-X (gradi)
482	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
482	1	569	3.09	-98.64	-96.81	1.26	13.50	91.85	-181.96	87.84	-177.95	32.88
482	1	1792	5.35	-65.99	-61.73	1.08	16.91	62.78	-234.12	51.53	-222.87	56.69
482	1	3636	-2.53	-39.12	-39.06	-2.60	1.56	74.79	-25.39	47.90	1.51	44.39
...												
482	98	3637	2.86	-42.49	-42.37	2.74	2.32	145.24	-27.40	128.18	-10.34	-51.52
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-138.16	-120.14	-65.48	-59.88		-457.35	-208.98	-368.93	-140.82
			87.11		51.79	67.80	64.01	419.62		385.17	171.52	198.87

Macro	Tipo	Angolo 1-X (gradi)
483	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
483	1	1820	-9.79	-53.89	-33.26	-30.42	-22.00	109.74	-269.57	109.70	-269.53	-3.56
483	1	1839	-1.44	-36.11	-27.18	-10.37	-15.16	-0.51	-111.45	-0.84	-111.12	-6.01
483	1	3660	0.21	-41.19	-31.50	-9.47	-17.52	116.53	103.54	107.26	112.81	-5.87
...												
483	98	3661	-6.66	-22.62	-21.12	-8.16	-4.66	46.54	-37.60	40.62	-31.68	-21.52
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-131.16	-103.29	-65.04	-66.39		-1454.71	-233.53	-1355.26	-418.87
			85.87		60.71	43.65	41.23	1303.50		320.50	1200.99	405.61

Macro	Tipo	Angolo 1-X (gradi)
484	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
484	1	289	6.16	-123.68	-102.08	-15.44	-48.36	-11.88	-80.10	-41.37	-50.61	33.80
484	1	1095	0.50	-16.26	-15.55	-0.21	3.37	-7.96	-63.24	-61.23	-9.98	-10.36
484	1	1465	-4.44	-65.44	-60.50	-9.37	-16.63	-1.35	-171.34	-169.80	-2.90	16.12
...												
484	98	3643	0.57	-13.59	-13.12	0.10	2.54	42.09	-4.44	33.24	4.42	-18.27
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-245.72	-241.34	-21.11	-80.23		-515.44	-471.64	-382.18	-265.59
			210.54		207.54	21.24	64.24	452.32		337.96	391.12	243.43

Macro	Tipo	Angolo 1-X (gradi)
485	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
485	1	3619	2.30	-32.08	-28.93	-0.85	-9.92	122.38	87.61	122.00	87.99	3.63
485	1	3620	2.32	-24.14	-22.16	0.33	-6.97	112.28	85.02	101.09	96.20	13.41
485	1	3639	6.98	-54.04	-47.51	0.45	-18.86	99.88	-20.15	48.57	31.16	59.38
...												
485	98	3660	0.40	-40.50	-34.39	-5.71	-14.58	83.26	26.87	47.77	62.36	-27.23
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-132.88	-120.54	-33.05	-78.45		-379.19	-134.00	-376.78	-80.16
			111.35		107.35	22.26	63.65	387.26		290.82	350.67	155.12

Macro	Tipo	Angolo 1-X (gradi)
486	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
486	1	1819	-0.41	-23.65	-18.79	-5.28	-9.46	-13.18	-56.43	-30.92	-38.68	-21.28
486	1	1839	-4.27	-31.44	-22.53	-13.18	-12.76	17.47	-116.81	12.95	-112.29	-24.23
486	1	3661	-3.97	-26.13	-24.31	-5.80	-6.09	68.19	14.44	29.20	53.42	-23.99
...												
486	98	3662	-3.34	-13.96	-13.92	-3.38	-0.67	3.87	-32.30	-9.90	-18.53	-17.56
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-147.97	-134.34	-70.16	-57.51		-3081.24	-205.33	-2732.17	-1037.06
			120.94		106.05	61.61	41.89	3016.23		213.06	2687.96	1003.06

Macro	Tipo	Angolo 1-X (gradi)
487	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
487	1	1791	-1.61	-10.58	-7.58	-4.61	-4.24	35.37	-19.72	-15.93	31.58	-13.94
487	1	1819	-2.76e-02	-18.93	-11.34	-7.62	-9.27	-3.80	-44.93	-27.05	-21.68	-20.39
487	1	3662	-2.82	-18.06	-17.98	-2.90	-1.05	17.86	-32.52	-20.14	5.48	-21.69
...												
487	98	3663	-2.43	-10.48	-10.48	-2.43	3.17e-02	-12.79	-39.77	-26.81	-25.75	-13.48
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-149.36	-144.68	-121.16	-58.49		-4495.39	-282.85	-4419.90	-587.11
			128.67		123.07	113.08	51.40	4469.18		226.25	4401.51	556.95

Macro	Tipo	Angolo 1-X (gradi)
488	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
488	1	1817	-1.98	-22.97	-19.62	-5.32	7.68	-10.80	-61.30	-35.84	-36.26	25.25
488	1	1837	-5.05	-30.54	-24.41	-11.17	10.89	-6.66	-109.35	-14.14	-101.87	26.69
488	1	3634	-5.73	-17.67	-17.67	-5.73	-0.21	5.55	-48.54	-26.97	-16.02	26.48
...												
488	98	3635	-3.68	-19.72	-19.30	-4.11	2.59	50.28	-0.68	12.57	37.02	22.35
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-151.20	-119.67	-49.24	-70.51		-2240.91	-179.92	-1916.06	-794.04
		126.40		90.13	40.44	76.66	2169.68		132.96	1873.27	834.19

Macro	Tipo	Angolo 1-X (gradi)
489	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
489	1	1792	-8.03	-54.58	-38.98	-23.62	21.97	66.38	-262.40	59.32	-255.33	47.66
489	1	1837	-2.77	-32.44	-27.73	-7.49	10.84	-6.94	-106.23	-10.18	-102.99	17.64
489	1	3635	-8.33	-26.80	-25.88	-9.25	4.02	56.85	-36.17	34.27	-13.59	39.88
...												
489	98	3636	-1.04	-30.03	-27.61	-3.46	8.02	91.85	63.24	63.53	91.57	2.84
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-141.66	-91.73	-39.03	-76.34		-1164.25	-125.67	-1034.23	-366.94
			99.84		47.22	27.58	93.30	1020.68		219.71	895.39	395.74

Macro	Tipo	Angolo 1-X (gradi)
490	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
490	1	289	1.28	-106.45	-102.83	-2.33	-19.40	40.52	-153.78	40.48	-153.74	-2.51
490	1	1820	9.07	-67.19	-59.18	1.06	-23.38	60.78	-200.16	56.44	-195.82	-33.37
490	1	3639	4.33	-48.82	-47.46	2.97	-8.38	179.53	-48.82	138.45	-7.74	87.71
...												
490	98	3660	-4.23	-35.73	-35.73	-4.23	0.15	58.80	-41.59	29.07	-11.86	-45.83
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-140.77	-133.22	-41.55	-52.62		-613.02	-75.41	-588.80	-186.73
			58.45		41.55	42.37	38.44	359.88		234.59	282.77	215.21

Macro	Tipo	Angolo 1-X (gradi)
491	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
491	1	3669	10.22	-0.15	10.22	-0.15	0.17	45.95	-10.02	-9.55	45.47	-5.13
491	1	3670	-2.91	-7.07	-6.89	-3.09	-0.85	-18.46	-84.95	-26.76	-76.65	-21.97
491	1	3671	-1.81	-6.57	-5.50	-2.88	1.99	1.48	-84.51	-8.67	-74.37	-27.74
...												
491	98	3718	-3.90	-12.41	-12.40	-3.90	0.16	-12.68	-47.67	-15.98	-44.37	-10.22
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-96.30	-46.86	-18.26	-78.17		-310.43	-139.15	-290.82	-114.79
			80.98		35.50	7.80	78.58	375.88		114.22	362.25	79.58

Macro	Tipo	Angolo 1-X (gradi)
492	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
492	1	3671	-2.34	-7.99	-7.21	-3.11	1.94	4.01	-75.49	-10.15	-61.32	-30.42
492	1	3672	10.35	-0.54	9.80	1.06e-02	2.38	20.50	-14.25	-5.83	12.08	-14.89

492	1	3673	0.99	-8.61	-5.36	-2.26	4.55	29.86	-69.49	19.49	-59.13	-30.37
...												
492	98	3719	-3.20	-13.02	-12.59	-3.63	2.02	15.91	-25.35	12.52	-21.95	-11.33
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-92.50	-36.89	-24.36	-79.23		-413.90	-122.84	-398.11	-114.64
			77.03		49.39	14.48	80.44	431.48		166.98	423.09	71.83

Macro	Tipo	Angolo 1-X (gradi)
493	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
493	1	3673	-2.53e-02	-10.97	-8.59	-2.40	4.51	26.35	-53.06	17.46	-44.16	-25.04
493	1	3674	12.36	-1.42	10.71	0.23	4.48	14.05	-24.41	3.29	-13.64	-17.27
493	1	3675	3.10	-10.31	-5.65	-1.56	6.39	48.16	-48.63	44.08	-44.55	-19.44
...												
493	98	3720	-1.14	-15.54	-14.56	-2.12	3.63	43.52	-3.76	42.36	-2.60	-7.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-100.29	-72.23	-22.96	-78.82		-463.55	-231.23	-453.03	-127.46
			93.90		80.62	16.80	88.67	444.20		355.60	439.99	123.09

Macro	Tipo	Angolo 1-X (gradi)
494	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
494	1	3675	1.45	-12.67	-9.38	-1.84	5.97	43.57	-36.62	42.59	-35.65	-8.80
494	1	3676	11.03	-4.08	6.68	0.28	6.85	19.41	-21.26	17.70	-19.55	-8.15
494	1	3677	3.72	-10.81	-6.88	-0.21	6.46	19.19	-43.43	17.66	-41.90	-9.64
...												
494	98	3721	0.36	-19.21	-18.30	-0.55	4.13	11.78	7.29	10.00	9.07	-2.20
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-139.75	-127.47	-22.81	-80.26		-692.94	-488.57	-635.44	-170.93
			141.55		134.84	18.59	93.33	626.24		510.26	569.35	161.13

Macro	Tipo	Angolo 1-X (gradi)
495	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
495	1	430	1.13	-49.77	-49.04	0.39	6.06	-1.40	-34.04	-1.64	-33.80	-2.80
495	1	435	-1.35	-30.29	-30.26	-1.38	0.99	7.98	-29.35	-28.54	7.16	-5.46
495	1	440	0.17	-22.09	-20.92	-1.01	4.97	3.85	-48.97	-48.73	3.61	-3.57
...												
495	98	3721	0.13	-25.16	-24.77	-0.26	3.13	14.50	0.96	14.50	0.96	2.27e-03
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-298.95	-296.86	-23.13	-94.67		-5412.42	-5224.45	-1404.98	-1187.64
			306.11		305.31	24.66	103.89	5143.91		4976.75	1511.91	1093.08

Macro	Tipo	Angolo 1-X (gradi)
496	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
496	1	1668	-7.05	-7.25	-7.21	-7.09	-8.00e-02	16.75	-15.38	-12.92	14.30	-8.54
496	1	1696	-4.77	-14.92	-9.36	-10.33	5.05	-24.18	-66.73	-26.33	-64.57	9.33
496	1	3688	-5.23	-16.08	-15.01	-6.31	-3.24	-41.04	-77.09	-43.62	-74.51	9.30
...												
496	98	3689	-4.38	-16.30	-16.12	-4.57	-1.48	-7.61	-18.50	-11.90	-14.21	5.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-112.82	-63.78	-23.57	-78.62		-655.92	-154.72	-581.82	-264.49
			106.68		51.89	11.89	88.20	689.94		89.41	611.43	249.16

Macro	Tipo	Angolo 1-X (gradi)
497	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
497	1	1696	-5.62	-21.44	-19.36	-7.71	5.35	-15.15	-42.78	-25.75	-32.18	13.43
497	1	1716	-9.62	-24.65	-23.29	-10.97	4.30	11.80	-81.24	10.33	-79.77	11.61
497	1	3689	-7.33	-18.89	-18.05	-8.17	-3.01	-14.79	-55.70	-16.28	-54.21	7.67
...												
497	98	3690	-5.46	-17.26	-17.24	-5.47	0.44	21.36	-2.14	18.71	0.51	7.44
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-89.42	-43.55	-31.32	-75.56		-302.96	-132.27	-265.49	-148.12
			75.64		13.17	14.73	78.45	252.48		106.22	181.90	167.37

Macro	Tipo	Angolo 1-X (gradi)
498	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
498	1	1716	-6.63	-28.14	-26.24	-8.53	6.11	13.46	-66.19	13.39	-66.12	2.29
498	1	1728	-12.41	-35.76	-32.44	-15.73	8.15	74.38	-174.20	72.63	-172.45	20.79
498	1	3690	-10.12	-23.96	-23.96	-10.12	1.73e-02	34.85	-54.49	31.40	-51.04	17.21
...												
498	98	3691	-2.83	-20.34	-19.82	-3.35	2.97	62.74	33.65	62.53	33.86	-2.45
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-106.04	-52.25	-26.43	-81.42		-349.30	-330.13	-276.09	-97.61
			77.62		-1.36	14.09	88.83	471.53		453.44	222.94	104.34

Macro	Tipo	Angolo 1-X (gradi)
499	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
499	1	569	4.71	-98.77	-96.91	2.84	13.76	132.16	-208.18	98.90	-174.92	-101.06
499	1	1730	9.90	-63.63	-63.63	9.90	0.70	62.16	-260.95	-19.60	-179.19	-140.48
499	1	3726	8.54	-44.87	-43.20	6.88	9.29	266.84	-18.91	266.83	-18.91	1.43
...												
499	98	3727	-1.96	-32.46	-30.41	-4.01	7.64	45.63	-45.39	-1.03	1.27	-45.50
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-142.61	-138.80	-33.90	-29.38		-642.76	-118.45	-478.57	-324.25
			47.12		19.31	42.57	30.55	518.58		515.95	201.90	101.89

Macro	Tipo	Angolo 1-X (gradi)
500	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
500	1	569	8.29	-119.29	-101.65	-9.35	-44.03	-3.68	-104.24	-63.30	-44.62	49.40
500	1	570	-3.69	-59.28	-54.63	-8.34	-15.40	-4.04	-222.08	-221.95	-4.17	5.30
500	1	575	1.01	-37.97	-34.39	-2.57	-11.25	15.22	-254.55	-254.54	15.21	1.58
...												
500	98	3726	7.58	-42.29	-40.29	5.58	-9.77	216.90	53.07	181.94	88.03	67.13
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-315.14	-310.48	-19.07	-64.96		-634.51	-607.07	-269.79	-295.50
			280.41		276.79	16.60	54.90	561.47		530.73	264.67	263.34

Macro	Tipo	Angolo 1-X (gradi)
501	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
501	1	1718	-0.57	-33.97	-30.29	-4.25	-10.46	-6.90	-95.04	-15.14	-86.80	-25.65
501	1	1730	-6.31	-54.26	-44.47	-16.10	-19.33	62.03	-258.02	36.48	-232.48	-86.74
501	1	3727	4.15	-36.27	-33.75	1.64	-9.77	132.99	61.07	61.65	132.41	6.42
...												
501	98	3728	-6.22	-23.00	-22.66	-6.55	-2.35	41.01	-41.28	4.83	-5.10	-40.85
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-121.40	-121.00	-69.48	-31.35		-743.44	-144.69	-683.24	-269.84
			75.42		74.63	62.73	17.81	577.66		206.80	489.93	230.75

Macro	Tipo	Angolo 1-X (gradi)
502	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
502	1	1698	0.35	-22.86	-18.48	-4.03	-9.08	-6.64	-48.43	-30.18	-24.88	-20.73
502	1	1718	-2.26	-32.11	-25.97	-8.40	-12.07	-7.37	-103.62	-24.34	-86.65	-36.68
502	1	3728	-2.98	-26.00	-25.09	-3.89	-4.49	74.08	-6.76	3.24	64.07	-26.62
...												
502	98	3729	-3.85	-16.36	-16.33	-3.87	-0.58	3.23	-46.51	-31.96	-11.31	-22.63
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-137.88	-133.15	-71.93	-39.50		-1326.86	-268.44	-1133.30	-500.51
			106.80		105.55	64.99	25.03	1278.68		203.58	1109.18	467.88

Macro	Tipo	Angolo 1-X (gradi)
503	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
503	1	3682	4.54	-30.42	-26.61	0.74	-10.89	140.20	83.28	140.16	83.32	1.53
503	1	3683	5.92	-24.27	-21.03	2.68	-9.34	114.27	81.57	101.84	94.00	15.88
503	1	3705	3.34	-19.28	-17.55	1.61	-6.02	81.58	26.12	78.12	29.58	-13.41
...												
503	98	3727	2.41	-34.71	-28.37	-3.93	-13.97	99.59	26.16	41.60	84.16	-29.92
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-159.39	-152.51	-32.93	-53.88		-387.53	-142.06	-368.22	-91.33
			145.40		138.06	25.73	33.67	447.13		279.43	419.76	184.55

Macro	Tipo	Angolo 1-X (gradi)
504	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
504	1	3683	6.00	-21.20	-17.49	2.29	-9.34	102.16	84.73	99.21	87.68	6.54
504	1	3684	1.70	-18.47	-16.07	-0.69	-6.52	66.81	23.82	25.37	65.25	8.02
504	1	3707	5.43	-13.85	-11.02	2.59	-6.83	83.20	16.24	73.39	26.05	23.68
...												
504	98	3728	-1.43	-23.26	-20.37	-4.32	-7.40	45.63	-18.99	-11.06	37.70	-21.20
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-126.98	-125.87	-45.61	-37.77		-430.37	-140.84	-411.35	-55.26
			117.63		115.13	37.30	23.46	454.97		280.93	449.19	90.48

Macro	Tipo	Angolo 1-X (gradi)
505	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
505	1	3684	2.84	-15.76	-12.93	3.47e-03	-6.68	41.46	18.68	22.60	37.54	8.59
505	1	3685	-1.46	-16.16	-14.77	-2.85	-4.30	10.04	-32.29	-31.45	9.21	5.89
505	1	3709	5.23	-11.88	-7.55	0.90	-7.44	46.78	-34.61	18.82	-6.64	38.65
...												
505	98	3729	-2.00	-16.98	-15.93	-3.05	-3.83	7.04	-44.05	-38.63	1.62	-15.73
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-111.33	-111.33	-56.36	-34.41		-407.80	-131.62	-403.16	-59.50
			110.03		109.43	50.04	24.57	409.95		173.77	408.41	100.25

Macro	Tipo	Angolo 1-X (gradi)
506	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
506	1	1698	3.49	-17.96	-8.20	-6.27	-10.68	-25.27	-77.21	-72.78	-29.70	-14.51
506	1	3685	-0.16	-14.46	-12.85	-1.77	-4.52	-18.00	-32.06	-29.68	-20.38	5.27
506	1	3686	-2.40	-16.13	-15.13	-3.40	-3.57	-44.54	-53.17	-52.67	-45.03	2.01
...												
506	98	3730	-1.54	-12.92	-12.68	-1.79	-1.64	-13.76	-49.69	-40.38	-23.07	-15.74
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-138.28	-130.00	-110.84	-52.49		-2281.72	-295.90	-2214.52	-373.81
			121.17		118.80	107.50	40.12	2242.25		208.37	2183.89	354.84

Macro	Tipo	Angolo 1-X (gradi)
507	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
507	1	1667	-0.36	-8.87	-3.36	-5.86	-4.07	27.95	-72.29	-71.69	27.36	-7.69
507	1	3686	-1.59	-15.40	-14.29	-2.70	-3.76	-52.41	-63.82	-52.47	-63.76	-0.82
507	1	3687	-3.18	-16.21	-15.28	-4.10	-3.34	-50.91	-77.41	-51.58	-76.74	-4.16
...												
507	98	3731	-2.41	-11.90	-11.29	-3.02	-2.33	-25.75	-44.20	-28.66	-41.29	-6.72
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-113.86	-103.08	-101.36	-66.85		-2040.28	-292.71	-2039.85	-226.97
		112.51		97.81	97.44	62.01	2039.13		208.57	2037.33	214.55

Macro	Tipo	Angolo 1-X (gradi)
508	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
508	1	430	3.37	-44.73	-44.45	3.09	-3.67	5.73	-62.25	5.70	-62.22	1.43
508	1	1728	-1.01	-43.60	-42.54	-2.08	6.65	71.15	-111.97	69.20	-110.02	18.80
508	1	3691	-4.58	-28.96	-28.91	-4.63	-1.15	83.11	-8.60	78.06	-3.55	20.92
...												
508	98	3692	0.92	-24.39	-24.37	0.90	-0.74	22.05	-27.05	14.12	-19.12	-18.07
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-119.48	-100.15	-50.63	-80.35		-387.79	-323.31	-312.78	-166.51
			89.74		30.82	48.59	82.00	432.77		352.79	163.88	200.35

Macro	Tipo	Angolo 1-X (gradi)
509	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
509	1	3567	-8.77	-20.82	-9.32	-20.27	-2.53	-17.12	-185.70	-17.32	-185.50	5.84
509	1	3568	-4.52	-20.97	-5.19	-20.31	-3.25	16.20	-10.55	-9.95	15.59	3.99
509	1	3628	8.95	-3.93	6.73	-1.70	-4.87	277.18	-27.06	272.22	-22.10	-38.52
...												
509	98	3782	-2.03	-18.84	-2.85	-18.02	-3.62	8.42	-31.72	-9.76	-13.54	19.98
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-56.99	-45.57	-38.31	-42.30		-369.33	-369.23	-274.47	-75.35
			58.86		55.35	32.68	39.28	675.48		673.06	171.95	77.83

Macro	Tipo	Angolo 1-X (gradi)
510	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
510	1	3504	2.98	-20.51	2.97	-20.50	0.64	168.75	11.98	16.61	164.12	-26.55
510	1	3568	-4.61	-23.47	-5.18	-22.90	-3.23	16.49	-4.96	-4.66	16.19	2.50
510	1	3569	5.12e-02	-23.50	-0.96	-22.49	-4.77	221.84	0.94	0.94	221.83	-1.18
...												
510	98	3783	2.41	-20.36	1.51	-19.46	-4.45	128.06	10.57	11.79	126.84	11.95
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-56.44	-38.12	-48.91	-35.32		-618.04	-617.99	-161.51	-72.79
			57.10		43.37	36.69	33.80	636.30		633.48	329.16	70.97

Macro	Tipo	Angolo 1-X (gradi)
511	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
511	1	3504	2.80	-23.70	2.78	-23.69	0.64	175.18	25.75	27.01	173.92	-13.66
511	1	3505	5.00	-23.93	4.94	-23.87	1.30	245.45	32.28	32.41	245.32	-5.26

511	1	3569	-7.98e-02	-26.70	-0.98	-25.80	-4.81	222.33	4.65	4.68	222.29	-2.68
...												
511	98	3784	5.24	-24.14	4.25	-23.15	-5.31	215.75	22.23	22.23	215.75	0.68
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-62.29	-36.29	-60.79	-43.95		-705.57	-705.29	-96.55	-68.25
			51.07		31.83	33.47	40.29	504.77		502.11	395.59	53.37

Macro	Tipo	Angolo 1-X (gradi)
512	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
512	1	3505	5.04	-26.93	4.98	-26.87	1.40	246.81	29.41	29.58	246.64	5.99
512	1	3506	2.96	-28.39	2.89	-28.33	1.43	59.84	22.64	24.57	57.91	8.25
512	1	3554	6.65	-31.25	5.16	-29.76	-7.37	89.41	21.94	22.37	88.98	-5.39
...												
512	98	3784	5.12	-28.47	4.26	-27.61	-5.30	215.01	21.08	21.12	214.97	-2.82
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-68.00	-35.88	-61.70	-51.39		-597.17	-596.05	-123.43	-95.79
			47.31		31.18	13.84	47.09	388.31		320.92	386.20	115.74

Macro	Tipo	Angolo 1-X (gradi)
513	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
513	1	70	7.82	-51.68	0.14	-44.00	-19.95	108.07	-125.31	-124.16	106.91	16.39
513	1	610	7.23	-46.84	-1.87	-37.74	20.23	6.09	-73.36	-60.91	-6.36	-28.88
513	1	2249	1.63	-31.87	0.27	-30.51	6.60	-7.48	-311.70	-7.48	-311.70	-0.57
...												
513	98	3758	2.90	-34.55	-2.22	-29.42	-12.87	32.51	-101.96	-101.68	32.23	-6.13
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-79.72	-29.75	-58.51	-57.99		-935.85	-450.01	-925.22	-155.09
			48.41		25.13	-1.18	54.23	919.13		266.41	898.89	124.38

Macro	Tipo	Angolo 1-X (gradi)
514	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
514	1	9	3.67	-43.08	1.46	-40.86	9.93	85.19	-111.30	-105.32	79.20	-33.77
514	1	10	0.57	-25.81	0.40	-25.64	-2.12	-3.06	-212.70	-4.85	-210.92	-19.25
514	1	15	2.77	-24.78	1.92	-23.93	-4.78	-0.72	-314.81	-0.87	-314.66	-6.82
...												
514	98	3770	4.25	-27.71	-10.17	-13.29	15.90	111.54	-72.10	109.84	-70.40	17.60
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-80.50	-50.76	-60.90	-48.71		-1034.40	-388.21	-1034.29	-97.29
			56.21		31.06	4.74	65.56	664.82		482.32	664.18	160.48

Macro	Tipo	Angolo 1-X (gradi)
515	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
515	1	3507	7.28	-24.21	7.19	-24.12	-1.71	218.71	13.15	13.20	218.66	-3.11
515	1	3509	10.18	-24.19	10.13	-24.14	1.31	220.56	24.53	24.57	220.51	3.03
515	1	3510	9.46	-24.63	9.43	-24.59	1.11	295.89	23.22	23.23	295.88	-1.87
...												
515	98	3772	-6.16	-13.42	-7.12	-12.46	-2.46	-1.84	-148.80	-145.82	-4.81	-20.70
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-71.14	-46.87	-59.35	-44.32		-658.50	-655.53	-211.20	-65.19
			44.95		30.29	13.80	38.97	627.44		287.25	627.37	52.38

Macro	Tipo	Angolo 1-X (gradi)
516	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
516	1	3510	9.51	-20.97	9.46	-20.92	1.23	295.54	20.54	20.86	295.21	-9.46
516	1	3511	4.92	-22.12	4.87	-22.08	1.08	161.32	16.26	18.05	159.53	-16.01
516	1	3572	6.82	-21.83	6.61	-21.62	-2.42	324.83	10.59	10.60	324.83	-1.38
...												
516	98	3774	-0.78	-10.35	-1.83	-9.30	3.00	2.49	-79.75	-60.09	-17.17	-35.07
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-60.50	-51.82	-54.11	-39.92		-644.38	-642.24	-170.16	-75.80
			44.00		38.14	24.15	32.36	540.85		415.15	540.26	105.68

Macro	Tipo	Angolo 1-X (gradi)
517	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
517	1	3511	4.93	-18.57	4.87	-18.52	1.14	155.38	4.34	8.36	151.36	-24.31
517	1	3512	-1.90	-20.52	-1.96	-20.47	1.03	12.25	-58.24	-2.63	-43.36	-28.76
517	1	3597	4.25	-22.47	-4.11	-14.11	-12.38	89.88	-40.94	-7.82	56.77	56.88
...												
517	98	3776	4.23	-10.32	2.75	-8.85	4.39	82.92	-27.76	75.42	-20.26	-27.82
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-60.72	-56.04	-39.32	-40.88		-436.75	-422.81	-129.53	-116.14
			58.14		52.34	21.73	36.28	477.72		473.87	296.60	114.77

Macro	Tipo	Angolo 1-X (gradi)
518	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
518	1	3512	-1.71	-18.10	-1.78	-18.03	1.08	0.94	-68.89	-16.41	-51.54	-30.17
518	1	3533	-7.47	-20.20	-7.48	-20.20	0.31	-26.86	-200.65	-30.61	-196.90	-25.27
518	1	3605	6.63	-22.69	-3.37	-12.69	-13.90	24.61	-115.05	-41.06	-49.38	69.71
...												
518	98	3778	5.74	-8.71	5.03	-8.00	3.13	189.36	-15.58	188.64	-14.87	-12.05
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-66.10	-59.56	-25.79	-48.18		-230.13	-126.25	-230.07	-119.12
			66.30		64.44	17.22	35.82	466.61		465.21	45.75	113.68

Macro	Tipo	Angolo 1-X (gradi)
519	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
519	1	3533	-7.28	-19.02	-7.29	-19.01	0.32	-38.03	-201.62	-39.92	-199.74	-17.46
519	1	3534	-9.36	-20.43	-9.51	-20.28	-1.30	-46.11	-242.35	-46.19	-242.27	-3.97
519	1	3625	5.95	-19.13	-1.33	-11.84	-11.39	-32.78	-125.89	-59.61	-99.06	42.17
...												
519	98	3780	5.24	-6.51	5.22	-6.49	0.43	239.72	-2.16	239.63	-2.08	4.55
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-65.76	-60.77	-24.67	-47.29		-298.88	-98.78	-298.54	-90.64
			65.70		65.54	9.65	35.56	528.81		527.90	20.49	92.52

Macro	Tipo	Angolo 1-X (gradi)
520	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
520	1	3534	-9.36	-20.47	-9.52	-20.31	-1.32	-45.43	-242.28	-45.69	-242.03	7.04
520	1	3567	-8.69	-19.50	-9.35	-18.85	-2.57	-21.18	-185.84	-21.32	-185.70	4.68
520	1	3627	3.13	-14.66	0.49	-12.02	-6.33	-55.34	-102.61	-58.11	-99.84	-11.11
...												
520	98	3781	-6.00	-18.45	-6.50	-17.96	-2.43	-27.85	-123.10	-30.08	-120.86	14.42
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-63.72	-57.57	-24.35	-45.83		-298.92	-104.66	-298.52	-67.24
			67.12		66.63	23.32	38.43	633.33		631.63	24.22	73.17

Macro	Tipo	Angolo 1-X (gradi)
521	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
521	1	3785	-14.09	-22.16	-18.94	-17.32	3.95	57.67	-40.46	41.76	-24.55	-36.17
521	1	3786	-11.84	-21.19	-21.03	-12.00	1.22	20.93	-9.94	20.57	-9.58	-3.32
521	1	3787	-18.09	-21.75	-21.39	-18.46	1.09	80.81	-98.53	80.80	-98.53	-0.62
...												
521	98	3791	-13.47	-19.99	-18.40	-15.07	-2.80	86.04	-11.89	65.53	8.63	39.85
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-41.99	-33.96	-25.26	-19.04		-137.63	-13.18	-137.55	-75.13
			18.15		0.12	-4.30	25.99	144.46		144.38	71.87	79.86

Macro	Tipo	Angolo 1-X (gradi)
522	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
522	1	3785	-13.30	-18.66	-17.24	-14.73	2.37	60.43	18.18	55.02	23.58	-14.11
522	1	3786	-14.87	-21.16	-20.68	-15.35	1.68	-15.23	-52.46	-15.91	-51.78	-5.01
522	1	3788	-14.43	-17.88	-16.45	-15.86	1.70	7.81	-22.29	7.75	-22.22	-1.41
...												
522	98	3789	-15.59	-16.00	-15.72	-15.87	-0.19	67.84	20.88	40.96	47.75	23.23
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-46.56	-34.65	-21.46	-24.70		-92.42	-54.32	-76.53	-74.14
			21.18		5.58	-6.87	24.99	203.70		109.74	160.30	90.09

Macro	Tipo	Angolo 1-X (gradi)
523	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
523	1	3786	-12.79	-20.27	-20.03	-13.03	1.32	9.57	-21.05	9.03	-20.51	-4.02
523	1	3789	-18.30	-18.98	-18.33	-18.95	-0.14	42.50	-47.98	22.80	-28.28	37.34
523	1	3790	-18.29	-20.72	-19.50	-19.51	1.21	44.42	-85.04	44.41	-85.03	-0.96
...												
523	98	3793	-13.66	-18.67	-16.43	-15.90	2.49	72.83	-24.10	44.60	4.13	-44.04
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-49.44	-30.02	-24.57	-28.71		-100.74	-4.59	-98.68	-98.23
			17.49		-3.54	-7.75	30.41	170.37		76.26	94.02	92.15

Macro	Tipo	Angolo 1-X (gradi)
524	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
524	1	3786	-15.25	-21.07	-20.88	-15.43	1.01	-15.83	-50.98	-15.99	-50.82	-2.39
524	1	3791	-15.05	-18.31	-18.23	-15.14	-0.51	58.70	18.12	53.86	22.96	13.15
524	1	3792	-15.44	-17.01	-16.52	-15.94	0.73	7.06	-18.97	7.00	-18.92	-1.19
...												
524	98	3793	-13.87	-17.21	-15.60	-15.49	1.67	72.56	19.09	41.11	50.55	-26.32
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-43.84	-31.68	-22.19	-23.63		-89.43	-16.28	-81.06	-81.62
			16.64		1.54	-4.74	26.70	206.85		92.46	170.77	70.94

Macro	Tipo	Angolo 1-X (gradi)
525	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
525	1	664	-10.34	-18.95	-11.00	-18.30	2.28	128.34	-29.50	55.00	43.84	-78.72
525	1	666	-13.33	-18.90	-13.41	-18.82	-0.66	130.13	-27.75	50.20	52.19	78.93
525	1	3785	-14.59	-20.35	-19.57	-15.37	1.97	99.08	-21.23	58.85	19.00	-56.76
...												
525	98	3804	-20.59	-22.74	-20.75	-22.58	-0.57	95.39	-105.52	89.40	-99.53	34.18
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-46.86	-41.04	-31.95	-18.00		-275.83	-7.27	-274.97	-162.63
			23.86		16.93	-5.00	23.19	297.66		174.52	172.17	161.85

Macro	Tipo	Angolo 1-X (gradi)
526	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
526	1	664	-10.37	-19.07	-10.73	-18.70	1.74	146.94	34.48	73.52	107.90	-53.54
526	1	665	-12.19	-19.63	-12.21	-19.61	0.37	113.32	5.00	25.70	92.62	42.59
526	1	3785	-14.53	-21.24	-18.49	-17.28	3.30	84.35	-39.49	49.94	-5.09	-55.47
...												
526	98	3805	-12.82	-17.37	-13.08	-17.10	-1.06	25.11	1.60	11.00	15.71	11.52
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**

			-47.97	-39.62	-35.11	-26.23		-130.57	-116.06	-126.33	-124.02
		26.24		15.36	-2.53	27.14	322.10		145.03	239.12	135.97

Macro	Tipo	Angolo 1-X (gradi)
527	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
527	1	665	-12.42	-18.53	-12.80	-18.16	1.47	87.15	-29.79	20.91	36.45	57.96
527	1	667	-11.05	-17.11	-11.07	-17.08	0.40	94.46	-27.22	31.52	35.72	-60.81
527	1	3789	-17.62	-20.23	-19.37	-18.49	1.23	61.86	-35.54	27.31	-1.00	46.60
...												
527	98	3802	-16.75	-19.82	-16.90	-19.68	0.65	26.64	-75.84	24.71	-73.92	-13.92
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-49.05	-32.52	-29.94	-28.37		-170.19	-75.96	-170.08	-147.32
			20.60		4.25	-4.37	29.67	304.16		125.34	204.95	145.30

Macro	Tipo	Angolo 1-X (gradi)
528	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
528	1	666	-13.27	-19.49	-13.29	-19.47	-0.38	150.58	30.02	67.03	113.57	55.61
528	1	667	-9.99	-18.42	-10.16	-18.25	1.19	117.69	13.81	36.97	94.53	-43.24
528	1	3791	-17.31	-20.19	-19.41	-18.09	-1.28	79.05	-38.50	45.12	-4.57	53.27
...												
528	98	3803	-11.79	-17.37	-12.82	-16.35	2.16	29.57	-1.23	18.53	9.81	-14.77
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-46.06	-32.23	-29.12	-23.82		-128.60	-90.31	-125.92	-139.41
			21.39		10.30	-2.97	27.74	338.10		113.56	268.02	134.90

Macro	Tipo	Angolo 1-X (gradi)
530	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
530	1	910	20.17	-263.50	10.33	-253.67	-51.90	1047.36	199.52	266.86	980.02	229.26
530	1	915	8.68	-196.29	-34.84	-152.77	-83.83	833.77	-59.95	19.43	754.38	254.26
530	1	920	-26.05	-94.78	-32.56	-88.27	-20.12	659.65	-224.22	-181.65	617.09	189.24
...												
530	98	3987	21.45	-180.01	-3.74	-154.82	-66.63	729.99	118.50	201.27	647.23	209.19
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-461.77	-197.12	-433.16	-261.23		-1.053e+04	-5520.21	-8210.97	-4493.90
			239.21		176.16	129.82	198.05	1.163e+04		7034.70	9659.42	4618.00

Macro	Tipo	Angolo 1-X (gradi)
531	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
531	1	210	22.46	-200.85	13.53	-191.93	-43.74	815.58	-214.23	-213.97	815.32	-16.42
531	1	215	2.60	-181.37	2.20	-180.97	8.63	939.36	25.05	34.04	930.37	90.21

531	1	220	5.08	-168.79	3.96	-167.67	13.92	950.91	88.36	104.26	935.01	116.03
...												
531	98	4048	-7.50	-109.70	-7.64	-109.56	-3.80	148.07	-259.69	131.60	-243.22	80.26
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-303.34	-86.23	-245.69	-207.16		-3911.76	-3885.96	-2497.05	-1370.91
			172.85		100.65	-10.77	206.03	3232.81		3231.11	2155.14	1355.30

Macro	Tipo	Angolo 1-X (gradi)
532	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
532	1	180	-9.86	-130.35	-14.24	-125.96	22.56	668.44	240.32	247.17	661.59	-53.71
532	1	185	-12.59	-117.33	-13.48	-116.44	9.62	725.85	256.05	270.18	711.71	-80.25
532	1	190	-9.12	-124.08	-9.33	-123.86	-4.96	791.27	233.32	256.67	767.92	-111.73
...												
532	98	4056	-0.40	-109.69	-0.41	-109.68	1.05	14.98	-354.38	14.56	-353.95	-12.51
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-340.67	-127.95	-320.36	-196.50		-7714.90	-7245.33	-2083.72	-2435.85
			178.37		95.22	2.35	205.41	7211.10		6676.46	2114.68	2427.40

Macro	Tipo	Angolo 1-X (gradi)
533	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
533	1	260	-10.38	-164.82	-12.85	-162.35	-19.38	511.67	-806.49	-778.19	483.38	191.03
533	1	1903	13.45	-175.19	13.34	-175.09	4.36	144.82	-761.87	60.61	-677.67	-263.17
533	1	1961	4.86	-145.87	4.66	-145.67	5.48	-353.34	-559.96	-353.67	-559.63	-8.29
...												
533	98	4063	0.53	-118.55	0.52	-118.53	-1.36	7.96	-365.79	-8.29	-349.53	-76.22
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-556.90	-121.16	-470.48	-238.83		-6881.04	-5337.86	-5301.98	-2388.18
			384.78		99.74	203.18	203.34	5763.92		3856.74	4191.54	2698.69

Macro	Tipo	Angolo 1-X (gradi)
534	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
534	1	330	7.16	-217.48	-39.81	-170.51	91.35	365.97	196.32	217.10	345.19	-55.62
534	1	395	-9.32	-179.07	-45.87	-142.52	69.77	260.65	-34.90	-32.28	258.03	-27.69
534	1	400	-4.97	-175.69	-69.32	-111.34	82.73	208.86	-139.36	-93.37	162.87	-117.90
...												
534	98	4115	4.13	-128.15	-22.81	-101.20	53.28	60.69	-53.45	38.88	-31.63	-44.88
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-498.07	-442.91	-322.37	-215.02		-8114.71	-4285.21	-4482.64	-7181.85
			271.67		242.26	208.72	302.11	8173.42		3952.81	4922.03	6968.70

Macro	Tipo	Angolo 1-X (gradi)
536	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
536	1	610	-23.39	-162.25	-73.96	-111.67	-66.82	429.78	-93.74	-25.58	361.62	176.18
536	1	3742	16.28	-93.60	-12.98	-64.35	-48.57	552.48	77.73	304.32	325.90	-237.13
536	1	4153	6.84	-85.84	-3.99	-75.01	29.77	725.69	-34.51	625.57	65.60	257.07
...												
536	98	4202	7.73	-86.36	-42.25	-36.38	-46.96	447.96	90.43	244.47	293.92	-177.04
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-280.42	-258.69	-149.61	-104.95		-4718.28	-2598.16	-4665.20	-1222.21
			148.45		138.42	28.20	97.67	4411.37		3187.08	4349.11	1432.35

Macro	Tipo	Angolo 1-X (gradi)
537	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
537	1	610	-7.87	-41.05	-13.89	-35.03	12.78	6.81	-18.09	4.20	-15.49	-7.63
537	1	1385	3.71	-85.71	-15.86	-66.14	36.98	-153.25	-207.23	-165.22	-195.25	22.42
537	1	1390	-1.03	-27.11	-6.02	-22.13	10.25	35.13	-172.97	0.35	-138.19	-77.64
...												
537	98	4216	4.60	-16.98	2.91	-15.28	5.81	103.49	-59.27	-54.19	98.41	-28.29
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-175.87	-71.31	-115.75	-63.98		-894.65	-726.12	-677.27	-274.36
			99.33		45.18	48.30	88.63	883.97		722.24	641.02	235.88

Macro	Tipo	Angolo 1-X (gradi)
539	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
539	1	231	3.36	-12.86	3.28	-12.78	-1.16	-5.21	-13.65	-6.12	-12.74	-2.61
539	1	232	3.35	-12.86	3.34	-12.86	0.22	-3.02	-4.88	-3.03	-4.86	-0.17
539	1	236	3.27	-13.51	3.27	-13.51	-0.10	1.67	-1.89	-0.50	0.28	1.73
...												
539	98	3887	1.69	-10.77	1.69	-10.77	0.16	3.26	-0.18	2.29	0.79	-1.55
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-175.20	-78.95	-169.09	-60.83		-446.46	-445.36	-210.55	-148.17
			155.77		74.42	147.65	57.40	465.53		463.15	215.93	123.25

Macro	Tipo	Angolo 1-X (gradi)
546	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
546	1	3326	0.39	-114.96	9.04e-02	-114.66	5.85	343.94	188.99	190.42	342.51	-14.85
546	1	3327	0.38	-120.33	0.37	-120.33	-0.21	256.65	137.89	139.80	254.74	14.96
546	1	3358	-1.33	-129.39	-5.73	-124.99	-23.32	5.16	-37.66	-19.89	-12.62	21.10
...												
546	98	4824	10.89	-117.91	10.77	-117.79	-3.96	2.72	-311.43	-272.92	-35.80	103.04
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-229.90	-100.20	-228.96	-125.41		-1.697e+04	-6419.40	-1.439e+04	-7687.47
			112.14		95.89	-61.56	135.67	1.741e+04		5810.88	1.484e+04	7889.30

Macro	Tipo	Angolo 1-X (gradi)
547	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
547	1	3336	2.55	-114.11	2.55	-114.11	0.74	154.29	116.70	121.02	149.97	-11.99
547	1	3364	5.30	-119.45	3.90	-118.04	13.16	66.87	-33.06	14.22	19.59	-49.89
547	1	4789	1.07	-122.09	-2.75	-118.27	21.36	111.43	-100.17	57.98	-46.71	-91.95
...												
547	98	4869	-3.66	-89.32	-4.03	-88.95	-5.63	91.13	-191.55	-139.86	39.44	-109.27
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-206.63	-117.95	-131.34	-123.97		-2.504e+04	-8649.48	-2.224e+04	-6782.49
			126.47		123.44	-51.34	125.83	2.530e+04		8862.27	2.251e+04	6767.74

Macro	Tipo	Angolo 1-X (gradi)
549	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
549	1	2356	2.55	-201.03	2.53	-201.02	1.61	1668.35	21.59	76.12	1613.82	-294.66
549	1	2417	-2.16	-197.10	-3.08	-196.18	13.33	944.95	-890.38	-879.71	934.27	-139.56
549	1	2465	1.51	-200.77	1.49	-200.75	1.98	1572.82	-108.50	-55.17	1519.49	-294.64
...												
549	98	5372	0.91	-155.12	0.70	-154.91	5.81	877.93	-815.59	-812.51	874.86	-72.08
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-354.10	-71.42	-281.20	-215.03		-4695.45	-2980.68	-2524.19	-4502.98
			171.68		65.76	-36.60	234.02	6355.37		3263.43	5766.97	4179.94

Macro	Tipo	Angolo 1-X (gradi)
550	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
550	1	1663	0.85	-88.06	7.86e-02	-87.29	-8.22	16.08	-233.95	-226.76	8.89	-41.79
550	1	1664	1.05	-88.32	5.15e-02	-87.33	-9.37	80.95	-148.43	-141.64	74.16	-38.88
550	1	1672	-3.60	-88.37	-3.76	-88.21	3.64	47.93	-223.33	-221.74	46.34	-20.75
...												
550	98	5926	2.57	-90.38	-1.21	-86.59	-18.36	177.32	92.26	96.70	172.88	18.92
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-196.31	-126.61	-135.13	-126.33		-5052.02	-1788.50	-4811.26	-3233.36
			156.86		124.83	-35.05	104.54	4829.04		2000.01	4624.59	3156.52

Macro	Tipo	Angolo 1-X (gradi)
551	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
551	1	1782	-11.38	-115.31	-11.38	-115.31	-0.44	595.00	383.72	432.76	545.97	-89.19
551	1	1784	-1.97	-89.22	-2.20	-88.99	4.48	92.67	-163.26	-148.51	77.92	59.65
551	1	1785	-2.19	-90.23	-2.32	-90.10	3.45	166.33	-113.49	-111.26	164.10	24.91
...												
551	98	6065	-6.93	-82.57	-6.93	-82.56	0.46	348.32	174.59	175.38	347.53	-11.70
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-799.25	-216.81	-659.31	-276.98		-7599.66	-7536.91	-5466.54	-3925.88
			620.83		236.55	440.10	295.19	7751.85		7639.24	6864.10	3644.20

Macro	Tipo	Angolo 1-X (gradi)
552	**Guscio**	**0.0**

M_G	**Cmb**	**Nodo**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
552	1	1664	12.77	-108.03	-1.74	-93.51	-39.27	-69.17	-464.41	-461.19	-72.39	35.52
552	1	1694	-2.03	-105.37	-2.31	-105.10	-5.32	245.32	-103.57	-83.53	225.28	-81.18
552	1	1714	-0.52	-111.72	-1.34	-110.90	-9.50	388.38	-27.57	35.08	325.73	-148.78
...												
552	98	6060	6.91	-83.38	6.91	-83.38	-0.11	186.26	-32.57	-32.44	186.13	-5.42
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-546.75	-234.34	-439.53	-211.37		-8417.83	-7135.41	-5631.16	-3401.43
			489.30		220.43	354.10	206.76	8499.67		7226.01	6056.98	3404.63

VERIFICHE ELEMENTI MURATURA

LEGENDA TABELLA VERIFICHE ELEMENTI MURATURA

In tabella vengono riportati per ogni elemento il numero dello stesso ed il codice di verifica.
Le verifiche sono state condotte secondo le Norme Tecniche 14 Gennaio 2008.
In particolare sono previste le seguenti verifiche:

Par. 4.5.6.2 Verifiche agli stati limite ultimi, con riferimento in particolare a carichi laterali (fuori dal piano del muro) in assenza di sisma e a stabilità
Par. 7.8.2.2.3 Verifiche a pressoflessione per carichi laterali (fuori dal piano del muro) in presenza di sisma
Par. 7.8.2.2.1 Verifiche a pressoflessione nel piano del muro (in tutte le combinazioni)
Par. 7.8.2.2.2 Verifiche a taglio per azioni nel piano del muro (in tutte le combinazioni)
Par. 7.8.2.2.4 Travi in muratura, con riferimento all verifiche a flessione e taglio

Con riferimento ai punti succitati le verifiche vengono così tabellate:

Setto/Fascia/Elem.	numero del macroelemento (D3) o elemento (D2) considerato	
Mat.	Materiale	
s=,m=	Indice della sezione e del materiale assegnati all' elemento (per D2)	
Spessore	spessore dell'elemento	
Stato	***ok L***	elemento verificato (stati limite ultimi)
	ok T	elemento verificato (tensioni)
	NV L	elemento non verificato (stati limite ultimi)
	NV T	elemento non verificato (tensioni)

Nodo/Pos.	numero del nodo appartenente al setto / posizione relativa al nodo I per D2
h0/t	valore della snellezza convenzionale
Ecc/t (M)	massimo valore del rapporto e1/t o e2/t
Ecc/t	valore del rapporto di eccentricità trasversale utilizzato per la verifica a taglio - Par. 7.8.2.2.2
Fi t	fattore fi per la riduzione della resistenza in funzione dell'eccentricità trasversale calcolato con Ecc/t
P/A	tensione verticale media (Ao relativamente alla verifica di pressoflessione per carichi laterali in assenza di sisma, Ao(s) relativamente alla verifica di pressoflessione per carichi laterali in presenza di sisma, Ap relativamente alla verifica a pressoflessione nel piano del muro, Av relativamente alla verifica a taglio nel piano del muro per edifici esistenti formula 8.7.1.1 della circolare 02-02-09)
P/Acv	tensione verticale media nella parte compressa, utilizzata nella verifica a taglio nel piano del muro
V. Mo	rapporto tra l' azione assiale di progetto e l' azione assiale ultima in relazione alla verifica Par. 4.5.6.2 (pressoflessione ortogonale) effettuato per le combinazioni senza sisma
V. Mo(S)	rapporto tra l' azione assiale di progetto e l' azione assiale ultima in relazione alla verifica Par. 7.8.2.2.3 (pressoflessione ortogonale) effettuato per le combinazioni con sisma
V. Mp	rapporto tra il momento di progetto e il momento Mrd in relazione alla verifica Par. 7.8.2.2.1 (pressoflessione complanare) effettuato per tutte le combinazioni
Ver. V	rapporto il taglio di progetto e il taglio ultimo in relazione alla verifica Par. 7.8.2.2.2 (taglio complanare) o 8.7.1.1 della circolare 02-02-09 per edifici esistenti; effettuato per tutte le combinazioni
	Per travi in muratura:
Ver. V	rapporto tra il taglio di progetto e il minore dei tagli resistenti Vp e Vt in relazione alla verifica del par. 7.8.2.2.3
Rif. cmb	Combinazioni in cui si hanno i massimi valori dei rapporti V. Mo, V. Mo(S), V. Mp, Ver. V

Per elementi consolidati secondo l'allegato C8A.2 il programma opera come per gli elementi non rinforzati, considerando ai fini delle analisi e delle verifiche gli opportuni coefficienti correttivi delle rigidezze e delle resistenze.

Per elementi consolidati con fibrorinforzi il programma implementa le verifiche previste dalle "Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP" approvate dal CSLLPP il 24/07/2009. Per questi elementi vengono effettuate le verifiche di resistenza previste al cap. 4.4.1.1.2 flessione ortogonale in assenza/presenza di sisma, 4.4.1.2 flessione e taglio nel piano. Per semplicità la simbologia adottata nelle tabelle è uniformata a quella degli elementi non rinforzati. Le tabelle riportano inoltre i seguenti parametri:

Fibra	Tipo di fibra del fibrorinforzo
E frp	Modulo elastico del fibrorinforzo
epsr	Dilatazione di rottura del fibrorinforzo
epsd	Dilatazione di calcolo
epsd(s)	Dilatazione di calcolo per combinazioni sismiche
Spess.	Spessore del fibrorinforzo, il programma prevede l' applicazione di uno strato di spessore s su entrambe le facce della parete (o sui quattro lati della sezione in caso di confinamento)
AO frp	Area orizzontale complessiva di fibrorinforzo per metro lineare
AV frp	Area verticale complessiva di fibrorinforzo per metro lineare

Affinché l'elemento sia verificato deve essere:

h0/t	non superiore a 20 e al limite imposto per zona sismica e tecnica costruttiva
Ecc/t (M)	non superiore a 0.33
V.Mo, V.Mo(S),	non superiore a 1

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
86	VERIFICA NON SISMICA DELLE MURATURE (D.M. 87 TA)
87	VERIFICA NON SISMICA DELLE MURATURE (D.M. 2005 SL)
88	FATTORE DI STRUTTURA
89	VERIFICA ALLO SLU DI STRUTTURE IN LEGNO SECONDO EC5
90	VERIFICA ALLO SLE DI STRUTTURE IN LEGNO SECONDO EC5
91	FATTORE DI STRUTTURA
92	VERIFICHE EC5
93	SNELLEZZE EC5

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
1	muratura E = 2.200e+04 tufo con malta M2	120.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
1	2.7	0.05	0.05	0.84	3.13	0.09	0.12	4.84	0.51	20.43	3.75	4.19	10,44,40,18
2	2.7	0.05	0.05	0.84	3.13	0.09	0.12	3.55	0.51	20.43	3.75	5.09	10,44,40,40
3	2.7	0.05	0.05	0.84	3.13	0.09	0.12	3.55	0.51	20.43	3.75	5.09	10,44,40,40
...													
45	2.7	0.03	0.03	0.90	2.09	0.42	0.42	2.05	0.32	0.76	0.75	3.14	10,38,38,18
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.84									
	2.69	0.05	0.05		3.13	0.42	0.42	5.71	0.51	20.43	3.75	5.09	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
2	muratura E = 2.200e+04 tufo con malta M2	110.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
1	7.4	0.04	0.04	0.78	3.25	0.14	0.14	16.96	0.57	5.41	6.79	7.97	10,20,20,24
2	7.4	0.04	0.04	0.78	3.25	0.14	0.14	16.96	0.57	5.41	6.79	7.97	10,20,20,24
5	7.4	0.05	0.04	0.78	3.19	0.47	0.47	14.45	0.56	0.64	1.83	3.29	10,16,20,16

...													
6134	7.4	0.06	0.06	0.75	0.66	0.36	0.46	0.58	0.12	0.22	0.22	2.33	10,27,40,40
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.75									
	7.42	0.06	0.06		3.25	0.75	1.30	16.96	0.57	5.41	6.79	7.97	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
3	muratura E = 2.200e+04 tufo con malta M2	70.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
117	11.7	0.07	0.07	0.61	1.68	0.92	0.81	1.17	0.38	0.24	0.33	8.26	10,26,30,30
121	11.7	0.07	0.07	0.61	1.67	0.92	0.81	1.17	0.38	0.24	0.33	8.26	10,26,30,30
256	11.7	0.07	0.07	0.61	3.03	2.04	1.83	2.81	0.68	0.44	0.64	7.18	10,24,36,36
...													
6113	11.7	0.07	0.07	0.60	0.96	0.67	0.61	0.83	0.22	0.23	0.29	8.06	10,28,30,30
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.60									
	11.66	0.07	0.07		3.03	2.04	2.25	3.77	0.68	0.44	0.64	9.23	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
12	muratura E = 2.200e+04 tufo con malta M2	25.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
181	19.7	0.24	0.15	0.26	0.76	0.02	0.02	57.84	0.39	4.12	10.96	27.09	10,14,14,24
182	19.7	0.16	0.13	0.29	1.03	0.02	0.02	3.71	0.49	4.12	10.96	7.65	10,14,14,28
186	19.7	0.16	0.13	0.29	1.03	0.02	0.02	3.71	0.49	4.12	10.96	7.65	10,14,14,28
...													
4002	19.7	0.24	0.15	0.26	0.76	0.02	0.02	57.84	0.39	4.12	10.96	27.09	10,14,14,24
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.0									
	19.72	0.24	0.15		2.22	1.34	0.44	57.84	1.00	4.42	10.96	27.09	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
13	muratura E = 2.200e+04 tufo con malta M2	110.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
80	7.4	0.05	0.05	0.77	3.72	0.93	0.93	2.43	0.66	2.25	0.31	1.94	10,44,44,28
85	7.4	0.05	0.04	0.78	3.62	1.10	1.10	1.99	0.63	1.05	0.22	2.14	10,44,44,28
96	7.4	0.05	0.05	0.77	3.72	0.93	0.93	2.43	0.66	2.25	0.31	1.99	10,44,44,28
...													
6105	7.4	0.05	0.05	0.77	0.38	0.21	0.38	0.24	0.07	0.08	0.12	0.57	10,36,10,26
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.73									
	7.42	0.06	0.06		3.72	1.10	1.80	2.43	0.66	2.25	0.31	2.14	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
15	muratura E = 2.200e+04 tufo con malta M2	30.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
116	16.4	0.11	0.11	0.40	2.61	1.24	0.96	1.49	0.90	2.36	0.35	2.91	10,41,41,19
118	16.4	0.11	0.11	0.40	2.42	1.24	2.13	1.98	0.82	2.36	0.31	2.36	10,41,38,18
122	16.4	0.11	0.11	0.40	2.61	1.19	0.96	1.49	0.90	2.15	0.35	2.91	10,41,41,19
...													
4898	16.4	0.11	0.11	0.40	2.34	1.31	2.00	1.98	0.79	2.37	0.36	2.01	10,41,38,18
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.39									
	16.43	0.11	0.11		3.38	1.36	6.05	3.20	1.11	3.22	53.62	5.51	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
16	muratura E = 2.200e+04 tufo con malta M2	145.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
84	5.6	0.07	0.05	0.79	2.17	0.67	0.62	1.59	0.37	0.41	0.39	2.14	10,39,43,27
86	5.6	0.06	0.06	0.78	2.79	0.49	0.49	2.15	0.49	3.84	0.67	2.37	10,41,43,27
87	5.6	0.06	0.06	0.78	2.79	0.49	0.49	2.15	0.49	3.84	0.67	2.37	10,41,43,27
...													
5653	5.6	0.03	0.03	0.85	0.34	0.19	0.34	0.24	0.06	0.03	0.08	0.60	10,41,9,26
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.75									
	5.63	0.07	0.07		2.79	0.67	0.67	2.15	0.49	3.84	0.67	2.37	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
17	muratura E = 2.200e+04 tufo con malta M2	165.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
66	2.0	0.02	0.02	0.93	3.44	1.41	1.46	3.10	0.50	1.85	0.65	1.83	10,39,37,17
67	2.0	0.02	0.02	0.93	3.44	1.41	1.46	3.35	0.50	1.85	0.65	1.81	10,39,37,17
68	2.0	0.01	0.01	0.95	3.14	1.45	1.53	2.47	0.45	1.00	0.57	1.99	10,39,37,17
...													
3848	2.0	0.02	0.02	0.93	3.44	1.41	1.46	3.10	0.50	1.85	0.65	1.83	10,39,37,17
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.93									
	1.96	0.02	0.02		3.44	1.45	1.53	3.35	0.50	1.85	0.65	2.03	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
18	muratura E = 2.200e+04 tufo con malta M2	125.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
324	6.5	0.06	0.05	0.77	3.38	0.99	1.01	3.22	0.60	2.82	1.49	1.60	10,13,14,30
325	6.5	0.06	0.05	0.77	3.38	0.99	1.01	3.27	0.60	2.82	1.49	1.59	10,13,14,30
556	6.5	0.06	0.05	0.77	3.38	0.99	1.01	3.22	0.60	2.82	1.49	1.60	10,13,14,30
...													
4894	6.5	0.04	0.04	0.80	0.91	0.43	0.43	0.73	0.15	1.94	0.38	1.32	10,13,14,30
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.72									
	6.53	0.07	0.07		3.38	1.07	1.11	3.27	0.60	2.82	1.49	1.78	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
19	muratura E = 2.200e+04 tufo con malta M2	110.0	3.00	2.00	ok L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
326	7.4	0.05	0.05	0.76	3.11	1.98	1.98	3.85	0.56	0.70	0.86	0.32	10,16,16,15
327	7.4	0.05	0.05	0.76	3.11	1.98	1.98	3.85	0.56	0.70	0.86	0.32	10,16,16,15
328	7.4	0.05	0.04	0.78	3.00	1.87	1.87	2.88	0.52	0.56	0.77	0.33	10,16,16,15
...													
5877	7.4	0.06	0.06	0.74	1.74	0.98	0.90	1.86	0.32	0.17	0.76	0.51	10,15,16,15
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.74									
	7.42	0.06	0.06		3.11	1.98	1.98	3.85	0.56	0.70	0.86	0.54	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
20	muratura E = 2.200e+04 tufo con malta M2	100.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
561	3.2	0.02	0.02	0.92	2.53	1.45	1.41	10.87	0.38	1.15	1.35	3.31	10,16,32,31
562	3.2	0.02	0.02	0.92	2.53	1.45	1.41	15.64	0.38	1.15	1.35	3.63	10,16,32,32
563	3.2	0.02	0.02	0.92	2.53	1.45	1.41	15.64	0.38	1.15	1.35	3.63	10,16,32,32
...													
585	3.2	0.02	0.02	0.91	1.64	0.77	0.73	3.68	0.24	0.12	0.87	3.72	10,16,32,32
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.91									
	3.23	0.02	0.02		2.53	1.51	1.41	15.64	0.38	1.15	1.35	3.72	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
21	muratura E = 2.200e+04 tufo con malta M2	100.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
531	8.2	0.05	0.05	0.74	2.74	1.99e-03	1.99e-03	227.37	0.50	360.93	238.52	36.02	10,44,44,17
532	8.2	0.05	0.05	0.74	2.74	1.99e-03	1.99e-03	227.37	0.50	360.93	238.52	36.02	10,44,44,17
533	8.2	0.05	0.05	0.75	2.58	0.04	0.04	14.26	0.47	9.41	23.75	7.19	10,30,30,17
...													
4327	8.2	0.05	0.05	0.74	0.25	0.17	0.18	0.18	0.05	0.08	0.07	1.81	10,30,19,16
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.71									
	8.16	0.07	0.06		2.74	0.40	0.78	227.37	0.50	360.93	238.52	60.30	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
28	muratura E = 2.200e+04 tufo con malta M2	30.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					

606	16.4	0.10	0.10	0.41	3.84	0.32	2.56	0.38	1.27	0.60	0.46	5.67	10,17,19,17
607	16.4	0.10	0.10	0.41	3.84	0.32	2.56	0.38	1.27	0.60	0.46	5.67	10,17,19,17
608	16.4	0.10	0.10	0.42	3.57	6.57	2.28	0.58	1.16	0.07	0.28	4.85	10,44,19,17
...													
4752	16.4	0.10	0.10	0.42	2.07	0.01	0.01	0.87	0.67	57.45	5.02	3.67	9,33,33,17
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.41									
	16.43	0.10	0.10		3.84	6.57	2.56	39.80	1.27	57.45	5.02	11.91	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
29	muratura E = 2.200e+04 tufo con malta M2	95.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
289	3.4	0.02	0.02	0.91	1.70	0.86	0.71	15.42	0.25	0.10	1.17	6.48	10,20,32,34
1091	3.4	0.02	0.02	0.92	2.57	1.47	1.41	141.23	0.38	0.90	1.73	16.98	10,16,32,31
1092	3.4	0.02	0.02	0.92	2.57	1.47	1.41	141.23	0.38	0.90	1.73	16.98	10,16,32,31
...													
1475	3.4	0.02	0.02	0.91	1.70	0.86	0.71	15.42	0.25	0.10	1.17	6.48	10,20,32,34
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.91									
	3.40	0.02	0.02		2.57	1.58	1.41	195.17	0.38	0.90	1.73	29.89	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
30	muratura E = 2.200e+04 tufo con malta M2	95.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
1141	3.4	0.02	0.02	0.91	2.56	1.65	1.59	11.77	0.38	0.71	1.80	4.59	10,16,40,39
1142	3.4	0.02	0.02	0.91	2.56	1.65	1.59	2.93	0.38	0.71	1.80	1.23	10,16,40,19
1143	3.4	0.02	0.02	0.91	2.40	1.65	1.47	11.77	0.36	0.16	1.45	4.59	10,19,40,39
...													
1490	3.4	0.02	0.02	0.91	1.70	0.99	0.84	120.32	0.25	0.07	1.16	24.83	10,20,40,42
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.91									
	3.40	0.02	0.02		2.56	1.65	1.59	120.32	0.38	0.71	1.80	24.83	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
31	muratura E = 2.200e+04 tufo con malta M2	125.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
1191	2.6	0.02	0.02	0.91	2.28	1.22	1.49	359.74	0.34	0.92	2.09	36.94	10,16,40,33
1192	2.6	0.02	0.02	0.91	2.28	1.22	1.49	1.81	0.34	0.92	2.09	1.09	10,16,40,19
1193	2.6	0.03	0.02	0.92	2.08	1.15	1.41	359.74	0.31	0.34	1.72	36.94	10,16,40,33
...													
1505	2.6	0.03	0.03	0.89	1.20	0.66	0.83	39.62	0.18	0.07	1.25	5.01	10,15,40,42
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.89									
	2.58	0.03	0.03		2.28	1.22	1.49	359.74	0.34	0.92	2.09	36.94	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
529	muratura E = 2.200e+04 tufo con malta M2	125.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
83	6.5	0.06	0.06	0.76	2.16	1.34	1.33	2.62	0.39	0.20	0.57	7.85	10,23,44,44
102	6.5	0.06	0.06	0.76	2.16	1.34	1.33	2.62	0.39	0.20	0.57	7.85	10,23,44,44
106	6.5	0.06	0.06	0.76	2.16	1.34	1.33	2.62	0.39	0.20	0.57	7.85	10,23,44,44
...													
6103	6.5	0.04	0.04	0.80	0.27	0.19	0.19	0.24	0.05	0.08	0.26	1.86	10,26,38,44
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.76									
	6.53	0.06	0.06		3.20	2.43	1.96	3.99	0.55	0.52	0.79	8.18	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
535	muratura E = 2.200e+04 tufo con malta M2	145.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
41	3.4	0.03	0.03	0.90	1.17	0.03	0.22	45.39	0.18	3.48	3.70	12.47	10,13,38,21
42	3.4	0.03	0.03	0.90	0.71	0.03	0.22	45.39	0.11	3.48	3.70	12.47	10,13,38,21
43	3.4	0.03	0.02	0.91	1.26	0.17	0.17	82.30	0.19	0.17	2.58	28.45	10,18,18,34
...													
4211	3.4	0.07	0.05	0.83	0.34	0.15	0.22	0.55	0.06	0.98	0.61	1.01	10,13,42,37
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.77									
	3.40	0.07	0.07		1.29	0.51	0.67	82.30	0.19	3.48	3.70	28.45	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
538	muratura E = 2.200e+04 tufo con malta M2	30.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
2146	2.3	0.45	0.0	0.0	0.0	0.07	0.07	0.95	0.0	3.09	1.75	1.59	0,25,25,36
2147	2.3	0.48	0.0	0.0	0.0	0.07	0.07	0.95	0.0	3.09	1.75	1.59	0,25,25,36
2149	2.3	0.48	0.0	0.0	0.0	0.07	0.07	0.95	0.0	3.09	1.75	1.59	0,25,25,36
...													
4216	2.3	0.49	0.0	0.0	0.0	0.06	0.07	6.93	0.0	3.44	1.63	22.05	0,25,25,17
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.0									
	2.28	0.49	0.0		0.0	0.07	0.07	8.36	0.0	3.44	1.75	22.05	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
540	muratura E = 2.200e+04 tufo con malta M2	125.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
4367	0.7	0.02	0.02	0.94	0.12	0.09	0.09	0.10	0.02	0.06	0.08	1.30	10,20,38,44
4369	0.7	0.02	0.02	0.94	0.12	0.09	0.09	0.10	0.02	0.06	0.08	1.30	10,20,38,44
4864	0.7	0.02	0.02	0.94	0.12	0.09	0.09	0.10	0.02	0.06	0.08	1.30	10,20,38,44

...													
6099	0.7	0.02	0.02	0.94	0.12	0.09	0.09	0.10	0.02	0.06	0.08	1.30	10,20,38,44
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.94									
	0.67	0.02	0.02		0.12	0.09	0.09	0.10	0.02	0.06	0.08	1.30	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
541	muratura E = 2.200e+04 tufo con malta M2	90.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
70	5.5	0.03	0.03	0.85	1.84	1.04	1.11	1.73	0.29	0.13	0.47	2.75	10,35,37,16
610	5.5	0.03	0.03	0.85	1.78	1.00	1.05	1.67	0.28	0.19	0.41	2.85	10,31,37,16
1219	5.5	0.04	0.03	0.85	1.20	0.51	0.68	0.99	0.19	0.21	0.30	2.09	10,39,37,16
...													
6110	5.5	0.03	0.03	0.86	1.35	0.60	0.71	1.26	0.21	0.21	0.30	2.49	10,39,37,16
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.85									
	5.48	0.04	0.04		1.92	1.09	1.19	1.81	0.31	0.22	0.55	2.85	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
542	muratura E = 2.200e+04 tufo con malta M2	90.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
9	5.5	0.09	0.09	0.69	1.81	0.19	0.19	2.17	0.36	2.23	1.94	3.72	10,38,38,18
10	5.5	0.09	0.09	0.69	1.81	0.19	0.19	2.17	0.36	2.23	1.94	3.72	10,38,38,18
15	5.5	0.09	0.09	0.69	1.81	0.19	0.19	2.17	0.36	2.23	1.94	3.72	10,38,38,18
...													
4658	5.5	0.03	0.03	0.85	0.41	0.21	0.23	0.27	0.07	0.13	0.08	0.70	10,38,18,13
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.69									
	5.48	0.09	0.09		1.81	0.32	0.32	2.17	0.36	2.23	1.94	3.72	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
543	muratura E = 2.200e+04 tufo con malta M2	90.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
45	5.5	0.04	0.04	0.84	1.05	0.36	0.28	228.27	0.17	0.92	1.63	110.40	10,17,18,34
610	5.5	0.04	0.04	0.84	1.05	0.36	0.28	228.27	0.17	0.92	1.63	110.40	10,17,18,34
4153	5.5	0.04	0.04	0.84	1.05	0.36	0.28	228.27	0.17	0.92	1.63	110.40	10,17,18,34
...													
4728	5.5	0.04	0.04	0.83	0.26	0.16	0.17	0.20	0.04	0.17	0.16	1.24	10,38,40,40
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.83									
	5.48	0.05	0.04		1.05	0.52	0.52	228.27	0.17	0.92	1.63	110.40	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
544	muratura E = 2.200e+04 tufo con malta M2	25.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
4698	3.2	0.02	0.02	0.91	0.46	0.18	0.18	0.20	0.07	0.28	0.08	5.42	9,17,38,38
4699	3.2	0.02	0.02	0.91	0.46	0.18	0.18	0.20	0.07	0.28	0.08	5.42	9,17,38,38
4702	3.2	0.02	0.02	0.91	0.46	0.18	0.18	0.20	0.07	0.28	0.08	5.42	9,17,38,38
...													
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.91									
	3.23	0.02	0.02		0.46	0.18	0.18	0.20	0.07	0.28	0.08	5.42	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
545	muratura E = 2.200e+04 tufo con malta M2	60.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
4688	5.4	0.04	0.03	0.86	0.90	0.04	0.04	0.59	0.14	6.38	1.65	2.24	9,33,33,35
4725	5.4	0.04	0.03	0.86	0.90	0.04	0.04	0.32	0.14	6.38	1.65	3.91	9,33,33,37
4726	5.4	0.04	0.03	0.86	0.83	0.14	0.14	0.32	0.13	1.95	0.57	3.91	9,41,37,37
...													
4784	5.4	0.03	0.03	0.86	0.41	0.19	0.30	0.28	0.07	0.77	0.04	0.94	9,39,40,20
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.86									
	5.38	0.04	0.03		0.90	0.19	0.30	0.59	0.14	6.38	1.65	3.91	

Setto	Mat.	Spessore	Gamma non sis.	Gamma sis.	Stato
		cm			
548	muratura E = 2.200e+04 tufo con malta M2	60.0	3.00	2.00	NV L

Nodo	h0/t	Ecc/t(M)	Ecc/t	Fi t	P/Ao	P/Ao(s)	P/Ap	P/Acv	Ver Mo	Ver Mo(S)	Ver Mp	Ver. V	Rif. cmb
					daN/cm2	daN/cm2	daN/cm2	daN/cm2					
1667	5.6	0.06	0.05	0.79	0.96	0.63	0.63	0.77	0.17	3.21	0.23	2.19	9,34,30,14
1668	5.6	0.06	0.05	0.79	0.96	0.63	0.63	0.77	0.17	3.21	0.22	2.19	9,34,30,14
1696	5.6	0.05	0.05	0.80	0.96	0.63	0.63	0.76	0.16	2.90	0.20	2.42	9,34,30,14
...													
5043	5.6	0.06	0.05	0.79	0.96	0.63	0.64	0.77	0.17	3.27	0.20	2.53	9,34,30,14
Nodo	**h0/t**	**Ecc/t(M)**	**Ecc/t**	**Fi t**	**P/Ao**	**P/Ao(s)**	**P/Ap**	**P/Acv**	**Ver Mo**	**Ver Mo(S)**	**Ver Mp**	**Ver. V**	
				0.79									
	5.62	0.06	0.05		0.97	0.63	0.64	0.77	0.17	3.27	0.23	2.53	