CONSORZIO DI BONIFICA STORNARA E TARA

viale Magna Grecia, 240 - 74121 TARANTO

"RIPRISTINO DEL PONTE TUBO DELL'IMPIANTO IRRIGUO CONSORTILE SX BRADANO UBICATO IN ATTRAVERSAMENTO DELLA LAMA DI LATERZA"
COMUNE DI CASTELLANETA (TARANTO)

PROGETTO DEFINITIVO

CIG 7845120DD0

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ELABORATO	DATA	SCALA	ALLEGATO
Verifica geotecnica e sulle fondazioni (stato di fatto)	02/2021	-	R.6.s.5

AGGIORNAMENTO	DATA	DESCRIZIONE

INDICE

Distribuzione punti maglia

punto maglia	X [cm]	Y [cm]	Z [cm]	nome punto
1	2563	0	-365.45	1 . Pila01 [1]
2	5126	0	-547.90	2 . Pila02 [2]
3	7689	0	-545.35	3 . Pila03 [3]
4	10252	0	-572.80	4 . Pila04 [4]
5	12815	0	-610.25	5 . Pila05 [5]
6	15378	0	-522.70	6 . Pila06 [6]
7	17941	0	-565.15	7 . Pila07 [7]
8	20504	0	-572.60	8 . Pila08 [8]
9	23067	0	-585.05	9 . Pila09 [9]
10	25630	0	-582.50	10 . Pila10 [10]
11	28193	0	-509.95	11 . Pila11 [11]
12	30756	0	-592.40	12 . Pila12 [12]
13	33319	0	-549.85	13 . Pila13 [13]
14	35882	0	-517.30	14 . Pila14 [14]
15	38445	0	-414.75	15 . Pila15 [15]

Tipologie strutturali utilizzate

Tipologie Plinti:

Elenco delle tipologie Plinti creati ed utilizzati in pianta:

Ret 2:

Elenco indici dei punti di Tipologia - Ret 2: Tutti
Dimensioni = 400 [cm] x 300 [cm] x 120 [cm], Volume = 14400000 [cm^3]
Peso = 360 [kN]
Magrone:
tipo: Normale
dimensioni: spessore = 50 [cm], fuoriuscita = 50 [cm]
Quota sollecitazioni assegnata = sopra al plinto, attacco pilastro/plinto

Tipologie Pilastri

Elenco delle tipologie Pilastri/Bicchieri creati ed utilizzati in pianta:

Pil.Cir 2:

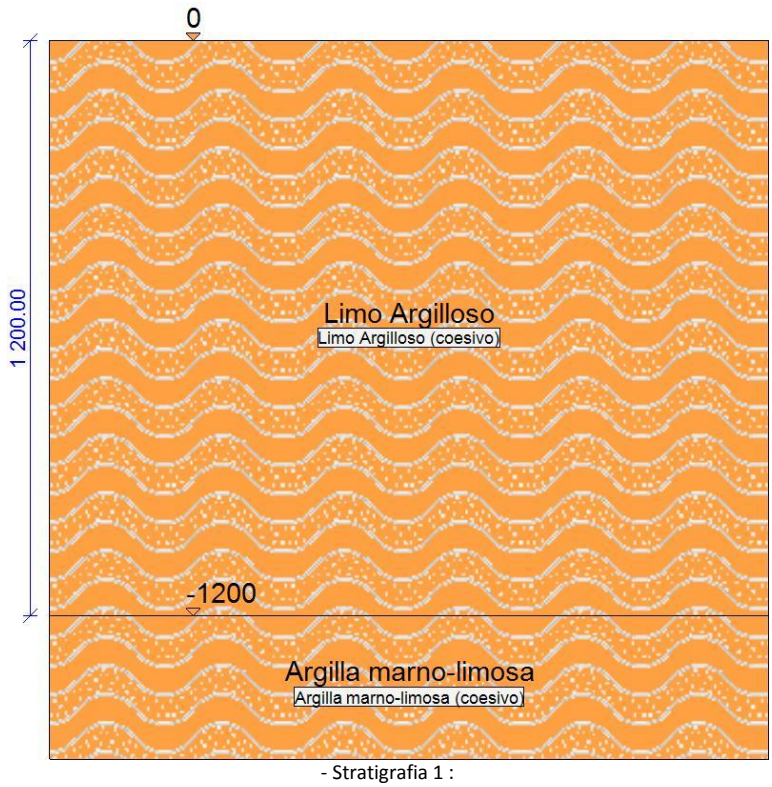
Elenco indici dei pilastri/bicchieri di Tipologia - Pil.Cir 2: Tutti
Dimensioni r = 60 cm

Stratigrafia

Distribuzione tipi di stratigrafie su pianta

L'intera area è caratterizzata da un'unica stratigrafia, come di seguito riportato:

Elenco stratigrafia con caratteristiche geometriche



- Stratigrafia 1 :

ind strato	quota iniziale [cm]	descrizione strato	tipo terreno (coesivo/non coesivo/roccia)
Strato 1	0	Limo Argilloso	Limo Argilloso (coesivo)
Strato 2	-1200	Argilla marno-limosa	Argilla marno-limosa (coesivo)

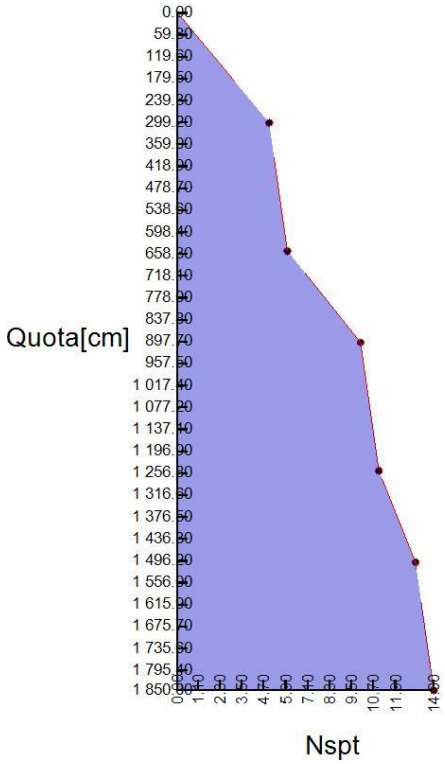
prova associata a questa stratigrafia: prova = SPT; nome definito = Lama.

Caratteristiche dei terreni

Limo Argilloso (coesivo):
Coesione = 0.3 [N/mm^2]
Angolo di attrito = 22 [°]
Peso di volume secco = 15.5 [kN/m^3]
Peso di volume saturo = 20 [kN/m^3]
Resistenza al taglio non drenata = 0.08 [N/mm^2]
Modulo di taglio del terreno = 105 [N/mm^2]
Coeff. di Poisson = 0.47
Vel. onde di taglio = 5 [m/s]

Argilla marno-limosa (coesivo):
Coesione = 0.5 [N/mm^2]
Angolo di attrito = 24 [°]
Peso di volume secco = 18 [kN/m^3]
Peso di volume saturo = 21 [kN/m^3]
Resistenza al taglio non drenata = 0.1 [N/mm^2]
Modulo di taglio del terreno = 120 [N/mm^2]
Coeff. di Poisson = 0.47
Vel. onde di taglio = 5 [m/s]

Prove SPT



(1)Lama

	quota [cm]	Nspt (n° colpi)
1	-300	5
2	-650	6
3	-900	10
4	-1250	11
5	-1500	13
6	-1850	14

Normativa

E' stata selezionata la normativa "Norme Tecniche per le Costruzioni '18" (NTC 17/01/18: la norma fornisce gli elementi fondamentali della progettazione di costruzioni e di opere di ingegneria civile, occupandosi dei requisiti per la resistenza, la stabilità, la funzionalità e la durabilità delle strutture) con i seguenti coefficenti:

APPROCCIO 2
Coefficienti proprietà terreno:
Coesione = 1
Angolo di attrito = 1
Resistenza al taglio non drenata = 1
Coefficienti resistenze fondazione:
Capacità portante (SLU) = 2.3
Scorrimento (SLU) = 1.1
Capacità portante (SLV) = 1.8
Scorrimento (SLV) = 1.1

Tipo di verifica

La verifica viene condotta agli "Stati Limite", con le seguenti caratteristiche dei materiali:

Calcestruzzo in Opera:
fck = 24.9 [N/mm^2]
Descrizione = C25/30
Alpha termica = 1E-05
Gamma (p,sp) = 25 [kN/m^3]
Gamma c = 1.5
fcd = 14.11 [N/mm^2]
alpha cc = 0.85
epsilon c2 = 0.2000 %
epsilon cu2 = 0.3500 %
Acciaio:
Tipo = 2
Descrizione = B450C
E = 200000
fyk = 450 [N/mm^2]
ftk = 517.5 [N/mm^2]
epsilon yd = 0.1957 %
epsilon ud = 6.7500 %
Gamma s = 1.15
fyd = 391.304 [N/mm^2]
fud = 450 [N/mm^2]

Casi di carico

- Caso 1 :
Nome : Caso 1
Descr. : SLU
Tipo : SLU
coeff. moltiplicatore peso proprio Plinti, Magrone, Rinterro = 1.3

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	2900.5235	0	48.1257	16.9453	0
2	1	2968.3904	-0.0052	-0.8245	-0.1394	0.0011
3	1	2968.4853	0.0047	-4.277	-0.9313	-0.001
4	1	2979.554	0	-5.4795	-1.102	0
5	1	2994.2711	0	-6.4013	-1.1968	0
6	1	2963.0147	0	-10.2982	-2.275	0
7	1	2997.573	0	-14.1554	-5.796	0
8	1	3019.2312	0	-13.4042	-2.6395	0
9	1	3006.756	0	-12.4669	0.4126	0
10	1	2988.7456	0	-18.4632	-3.5309	0
11	1	2963.0326	0	-26.5465	-5.8703	0
12	1	2994.2601	0	-24.4183	-4.5387	0
13	1	2979.5736	0	-31.886	-6.4134	0
14	1	2968.5346	0	-40.663	-8.6876	0
15	1	2931.8016	0	-66.2403	-18.0163	0

- Caso 2 :
Nome : Caso 2
Descr. : SLU VENTOY

Tipo : SLU

coeff. moltiplicatore peso proprio Plinti, Magrone, Rinterro = 1.3

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	2900.5235	-491.5365	48.0973	16.9353	173.5357
1	2	2900.5235	491.5363	48.1541	16.9554	-173.5357
2	1	2968.3903	-892.013	-0.8498	-0.1448	190.8221
2	2	2968.3905	892.0027	-0.7992	-0.134	-190.8199
3	1	2968.4853	-692.0403	-4.2776	-0.9315	147.6413
3	2	2968.4853	692.0497	-4.2764	-0.9312	-147.6434
4	1	2979.554	-852.8822	-5.4798	-1.1021	171.2983
4	2	2979.554	852.8824	-5.4792	-1.102	-171.2983
5	1	2994.2711	-907.0266	-6.4013	-1.1968	168.7046
5	2	2994.2711	907.0265	-6.4012	-1.1968	-168.7046
6	1	2963.0147	-789.7965	-10.298	-2.2749	174.1937
6	2	2963.0147	789.7964	-10.2984	-2.275	-174.1936
7	1	2997.573	-849.9029	-14.155	-5.7959	170.6787
7	2	2997.573	849.9029	-14.1557	-5.7961	-170.6787
8	1	3019.2312	-871.3057	-13.4036	-2.6394	171.5132
8	2	3019.2312	871.3057	-13.4048	-2.6396	-171.5132
9	1	3006.756	-894.5338	-12.4661	0.4127	171.0428
9	2	3006.756	894.5338	-12.4677	0.4125	-171.0428
10	1	2988.7456	-888.289	-18.4622	-3.5307	169.9143
10	2	2988.7456	888.289	-18.4643	-3.5311	-169.9143
11	1	2963.0326	-792.5672	-26.5449	-5.87	174.756
11	2	2963.0326	792.5672	-26.5481	-5.8707	-174.756
12	1	2994.2601	-906.8048	-24.4167	-4.5384	168.6767
12	2	2994.2601	906.8048	-24.4199	-4.539	-168.6767
13	1	2979.5736	-855.3398	-31.884	-6.4129	171.7338
13	2	2979.5736	855.3398	-31.8881	-6.4138	-171.7338
14	1	2968.5346	-796.8489	-40.6602	-8.687	170.3392
14	2	2968.5346	796.8489	-40.6657	-8.6882	-170.3392
15	1	2931.8016	-628.0153	-66.2358	-18.0151	170.7915
15	2	2931.8016	628.0153	-66.2448	-18.0175	-170.7915

Caso 3 :

Nome : Caso 6

Descr. : SLU con SISMAX PRINC

Tipo : SLU

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	1905.3932	29.2654	47.7243	16.8453	-12.7877
1	2	1905.3888	31.8908	60.0922	21.2052	-13.5559
1	3	1905.3932	-123.9282	47.7196	16.8436	41.6557
1	4	1905.3888	-121.3027	60.0875	21.2035	40.8875
1	5	1905.3931	121.3652	48.0448	16.9587	-40.956
1	6	1905.3887	123.9906	60.4127	21.3186	-41.7242
1	7	1905.3931	-31.8284	48.04	16.957	13.4873
1	8	1905.3887	-29.2029	60.4079	21.3169	12.7191
1	9	1905.3932	29.5627	47.7247	16.8454	-12.8448
1	10	1905.3888	32.1881	60.0926	21.2053	-13.613
1	11	1905.3932	-123.6308	47.72	16.8437	41.5985
1	12	1905.3888	-121.0054	60.0879	21.2036	40.8303
1	13	1905.3931	121.6625	48.0452	16.9589	-41.0132
1	14	1905.3887	124.288	60.4131	21.3188	-41.7814
1	15	1905.3931	-31.531	48.0404	16.9572	13.4301
1	16	1905.3887	-28.9056	60.4083	21.3171	12.6619
1	17	1905.4095	28.9055	1.6494	0.5327	-12.6619
1	18	1905.4052	31.5309	14.0173	4.8926	-13.4301
1	19	1905.4095	-124.288	1.6446	0.531	41.7814
1	20	1905.4052	-121.6626	14.0125	4.8909	41.0132
1	21	1905.4094	121.0053	1.9698	0.6462	-40.8302
1	22	1905.405	123.6307	14.3377	5.0061	-41.5984
1	23	1905.4094	-32.1882	1.9651	0.6445	13.6131
1	24	1905.405	-29.5628	14.333	5.0044	12.8449
1	25	1905.4095	29.2028	1.6498	0.5329	-12.7191
1	26	1905.4052	31.8283	14.0177	4.8928	-13.4873

1	27	1905.4095	-123.9907	1.645	0.5312	41.7242
1	28	1905.4052	-121.3653	14.0129	4.8911	40.956
1	29	1905.4094	121.3027	1.9702	0.6463	-40.8874
1	30	1905.405	123.9281	14.3381	5.0062	-41.6556
1	31	1905.4094	-31.8909	1.9655	0.6446	13.5559
1	32	1905.405	-29.2655	14.3334	5.0045	12.7877
2	1	1812.687	-3014.3373	44.7065	34.7993	631.6617
2	2	2102.9527	-2890.6565	-2.2986	-25.7763	633.6934
2	3	1812.687	-3250.5787	44.702	34.7983	682.4613
2	4	2102.9527	-3126.898	-2.3031	-25.7772	684.4931
2	5	1812.6877	3126.0128	45.0111	34.8642	-684.266
2	6	2102.9535	3249.6936	-1.994	-25.7114	-682.2342
2	7	1812.6877	2889.7714	45.0066	34.8632	-633.4664
2	8	2102.9535	3013.4521	-1.9985	-25.7124	-631.4346
2	9	1812.687	-3011.299	44.7069	34.7994	630.9821
2	10	2102.9527	-2887.6183	-2.2982	-25.7762	633.0138
2	11	1812.687	-3247.5405	44.7024	34.7984	681.7817
2	12	2102.9527	-3123.8597	-2.3027	-25.7771	683.8135
2	13	1812.6877	3129.0511	45.0115	34.8642	-684.9456
2	14	2102.9535	3252.7318	-1.9936	-25.7113	-682.9138
2	15	1812.6877	2892.8096	45.007	34.8633	-634.146
2	16	2102.9535	3016.4904	-1.9981	-25.7123	-632.1142
2	17	1812.2854	-3016.4971	0.9433	25.533	632.1157
2	18	2102.5511	-2892.8163	-46.0618	-35.0426	634.1474
2	19	1812.2854	-3252.7385	0.9388	25.5321	682.9153
2	20	2102.5511	-3129.0578	-46.0663	-35.0435	684.9471
2	21	1812.2862	3123.8531	1.248	25.5979	-683.812
2	22	2102.5519	3247.5338	-45.7572	-34.9777	-681.7802
2	23	1812.2862	2887.6116	1.2434	25.5969	-633.0124
2	24	2102.5519	3011.2923	-45.7617	-34.9787	-630.9806
2	25	1812.2854	-3013.4588	0.9437	25.5331	631.4361
2	26	2102.5511	-2889.7781	-46.0614	-35.0425	633.4678
2	27	1812.2854	-3249.7003	0.9392	25.5321	682.2357
2	28	2102.5511	-3126.0195	-46.0659	-35.0434	684.2675
2	29	1812.2862	3126.8913	1.2483	25.5979	-684.4916
2	30	2102.5519	3250.572	-45.7568	-34.9776	-682.4598
2	31	1812.2862	2890.6499	1.2438	25.597	-633.692
2	32	2102.5519	3014.3306	-45.7613	-34.9786	-631.6602
3	1	1906.4062	-159.4432	10.4591	-6.7036	27.0841
3	2	2008.7422	-104.1737	25.2639	14.2694	26.2358
3	3	1906.4061	-318.4574	10.4591	-6.7036	61.2216
3	4	2008.7422	-263.1879	25.264	14.2694	60.3733
3	5	1906.4065	257.0456	10.4536	-6.7047	-59.0627
3	6	2008.7425	312.3151	25.2584	14.2683	-59.911
3	7	1906.4065	98.0314	10.4536	-6.7047	-24.9252
3	8	2008.7425	153.3009	25.2585	14.2683	-25.7735
3	9	1906.4062	-154.8965	10.459	-6.7036	26.1148
3	10	2008.7422	-99.627	25.2639	14.2694	25.2666
3	11	1906.4061	-313.9108	10.4591	-6.7036	60.2523
3	12	2008.7422	-258.6412	25.264	14.2694	59.4041
3	13	1906.4065	261.5923	10.4536	-6.7047	-60.0319
3	14	2008.7425	316.8618	25.2584	14.2683	-60.8802
3	15	1906.4065	102.578	10.4536	-6.7047	-25.8944
3	16	2008.7425	157.8476	25.2585	14.2683	-26.7427
3	17	1906.622	-157.8415	-30.8125	-15.4783	26.7414
3	18	2008.958	-102.5719	-16.0076	5.4948	25.8931
3	19	1906.622	-316.8557	-30.8124	-15.4783	60.8789
3	20	2008.958	-261.5862	-16.0076	5.4948	60.0306
3	21	1906.6223	258.6473	-30.818	-15.4794	-59.4054
3	22	2008.9584	313.9169	-16.0131	5.4936	-60.2536
3	23	1906.6223	99.6331	-30.8179	-15.4794	-25.2679
3	24	2008.9583	154.9026	-16.0131	5.4937	-26.1162
3	25	1906.622	-153.2948	-30.8125	-15.4783	25.7722
3	26	2008.958	-98.0252	-16.0077	5.4948	24.9239
3	27	1906.622	-312.309	-30.8124	-15.4783	59.9096
3	28	2008.958	-257.0395	-16.0076	5.4948	59.0614
3	29	1906.6223	263.194	-30.818	-15.4794	-60.3746
3	30	2008.9584	318.4636	-16.0131	5.4936	-61.2229
3	31	1906.6223	104.1798	-30.8179	-15.4794	-26.2371
3	32	2008.9584	159.4493	-16.0131	5.4937	-27.0854

4	1	1966.186	69.105	14.3012	2.8713	-14.0802
4	2	1966.1867	70.8793	10.8479	2.1788	-14.399
4	3	1966.186	-86.3171	14.3013	2.8713	17.3062
4	4	1966.1867	-84.5428	10.848	2.1788	16.9875
4	5	1966.186	78.9668	14.2969	2.8704	-15.8924
4	6	1966.1867	80.7411	10.8436	2.1779	-16.2112
4	7	1966.186	-76.4552	14.297	2.8704	15.494
4	8	1966.1867	-74.6809	10.8437	2.1779	15.1752
4	9	1966.186	74.3616	14.3012	2.8713	-15.1116
4	10	1966.1867	76.136	10.8479	2.1788	-15.4304
4	11	1966.186	-81.0604	14.3013	2.8713	16.2748
4	12	1966.1867	-79.2861	10.848	2.1788	15.9561
4	13	1966.186	84.2235	14.2969	2.8704	-16.9238
4	14	1966.1867	85.9978	10.8436	2.1779	-17.2426
4	15	1966.186	-71.1986	14.297	2.8704	14.4626
4	16	1966.1867	-69.4242	10.8436	2.1779	14.1438
4	17	1966.1925	69.4243	-18.0207	-3.6224	-14.1439
4	18	1966.1932	71.1986	-21.474	-4.3149	-14.4626
4	19	1966.1925	-85.9977	-18.0206	-3.6224	17.2426
4	20	1966.1932	-84.2234	-21.4739	-4.3149	16.9238
4	21	1966.1925	79.2862	-18.025	-3.6233	-15.9561
4	22	1966.1932	81.0605	-21.4783	-4.3158	-16.2749
4	23	1966.1925	-76.1359	-18.0249	-3.6233	15.4303
4	24	1966.1932	-74.3616	-21.4783	-4.3157	15.1116
4	25	1966.1925	74.681	-18.0207	-3.6224	-15.1753
4	26	1966.1932	76.4553	-21.474	-4.3149	-15.494
4	27	1966.1925	-80.7411	-18.0206	-3.6224	16.2112
4	28	1966.1932	-78.9667	-21.4739	-4.3149	15.8924
4	29	1966.1925	84.5428	-18.025	-3.6233	-16.9875
4	30	1966.1932	86.3172	-21.4783	-4.3158	-17.3062
4	31	1966.1925	-70.8792	-18.0249	-3.6233	14.399
4	32	1966.1932	-69.1049	-21.4783	-4.3157	14.0802
5	1	1977.5077	60.9838	10.3997	1.9266	-11.3769
5	2	1977.5085	60.9391	5.8216	1.0739	-11.3679
5	3	1977.5077	-63.9415	10.3998	1.9266	11.8988
5	4	1977.5085	-63.9863	5.8216	1.0739	11.9078
5	5	1977.5077	60.3039	10.3964	1.926	-11.246
5	6	1977.5085	60.2592	5.8183	1.0733	-11.237
5	7	1977.5077	-64.6214	10.3965	1.926	12.0296
5	8	1977.5085	-64.6662	5.8183	1.0733	12.0386
5	9	1977.5077	64.4774	10.3997	1.9266	-12.0036
5	10	1977.5085	64.4327	5.8216	1.0739	-11.9946
5	11	1977.5077	-60.4479	10.3998	1.9266	11.2721
5	12	1977.5085	-60.4926	5.8216	1.0739	11.2811
5	13	1977.5077	63.7975	10.3964	1.926	-11.8727
5	14	1977.5085	63.7528	5.8183	1.0733	-11.8637
5	15	1977.5077	-61.1278	10.3965	1.926	11.4029
5	16	1977.5085	-61.1725	5.8183	1.0733	11.412
5	17	1977.5122	61.1725	-14.2412	-2.6485	-11.4119
5	18	1977.5131	61.1278	-18.8194	-3.5012	-11.4029
5	19	1977.5122	-63.7528	-14.2412	-2.6485	11.8637
5	20	1977.5131	-63.7976	-18.8193	-3.5012	11.8727
5	21	1977.5122	60.4926	-14.2445	-2.6491	-11.2811
5	22	1977.5131	60.4479	-18.8227	-3.5018	-11.2721
5	23	1977.5122	-64.4327	-14.2445	-2.6491	11.9946
5	24	1977.5131	-64.4774	-18.8227	-3.5018	12.0036
5	25	1977.5122	64.6661	-14.2412	-2.6485	-12.0386
5	26	1977.5131	64.6214	-18.8194	-3.5012	-12.0296
5	27	1977.5122	-60.2592	-14.2412	-2.6485	11.237
5	28	1977.5131	-60.3039	-18.8193	-3.5012	11.246
5	29	1977.5122	63.9862	-14.2445	-2.6491	-11.9077
5	30	1977.5131	63.9415	-18.8227	-3.5018	-11.8987
5	31	1977.5122	-60.9391	-14.2445	-2.6491	11.3679
5	32	1977.5131	-60.9838	-18.8227	-3.5018	11.3769
6	1	1953.4631	35.4153	10.5263	2.3227	-7.8609
6	2	1953.4649	35.3614	2.5375	0.5606	-7.849
6	3	1953.4631	-36.7909	10.5263	2.3227	8.136
6	4	1953.4649	-36.8447	2.5375	0.5606	8.1479
6	5	1953.4631	34.8682	10.5227	2.3219	-7.7401
6	6	1953.4649	34.8144	2.5339	0.5598	-7.7282

6	7	1953.4631	-37.3379	10.5228	2.3219	8.2567
6	8	1953.4649	-37.3917	2.5339	0.5598	8.2686
6	9	1953.4631	37.2919	10.5263	2.3227	-8.2466
6	10	1953.4649	37.238	2.5375	0.5606	-8.2347
6	11	1953.4631	-34.9143	10.5263	2.3227	7.7502
6	12	1953.4649	-34.9681	2.5375	0.5606	7.7621
6	13	1953.4631	36.7448	10.5227	2.3219	-8.1259
6	14	1953.4649	36.691	2.5339	0.5598	-8.114
6	15	1953.4631	-35.4613	10.5227	2.3219	7.871
6	16	1953.4649	-35.5151	2.5339	0.5598	7.8829
6	17	1953.469	35.5151	-16.1236	-3.5631	-7.8829
6	18	1953.4707	35.4613	-24.1124	-5.3252	-7.871
6	19	1953.469	-36.691	-16.1236	-3.5631	8.114
6	20	1953.4707	-36.7448	-24.1124	-5.3252	8.1259
6	21	1953.469	34.9681	-16.1272	-3.5639	-7.7621
6	22	1953.4707	34.9142	-24.116	-5.326	-7.7502
6	23	1953.469	-37.2381	-16.1271	-3.5639	8.2347
6	24	1953.4707	-37.2919	-24.116	-5.326	8.2466
6	25	1953.469	37.3917	-16.1236	-3.5631	-8.2686
6	26	1953.4707	37.3379	-24.1124	-5.3252	-8.2567
6	27	1953.469	-34.8144	-16.1236	-3.5631	7.7282
6	28	1953.4707	-34.8682	-24.1124	-5.3252	7.7401
6	29	1953.469	36.8447	-16.1272	-3.5639	-8.1479
6	30	1953.4707	36.7908	-24.116	-5.326	-8.136
6	31	1953.469	-35.3615	-16.1271	-3.5639	7.849
6	32	1953.4707	-35.4153	-24.116	-5.326	7.8609
7	1	1966.1984	18.9208	7.0956	1.4185	-3.829
7	2	1966.2003	18.8839	-2.0108	-0.4124	-3.8216
7	3	1966.1984	-19.7622	7.0956	1.4185	3.9735
7	4	1966.2003	-19.7992	-2.0108	-0.4124	3.9809
7	5	1966.1984	18.557	7.093	1.4179	-3.756
7	6	1966.2003	18.5201	-2.0135	-0.413	-3.7486
7	7	1966.1984	-20.126	7.093	1.4179	4.0465
7	8	1966.2003	-20.1629	-2.0134	-0.413	4.0539
7	9	1966.1984	20.0979	7.0956	1.4185	-4.0409
7	10	1966.2003	20.061	-2.0108	-0.4124	-4.0335
7	11	1966.1984	-18.5851	7.0956	1.4185	3.7617
7	12	1966.2003	-18.622	-2.0108	-0.4124	3.7691
7	13	1966.1984	19.7341	7.093	1.4179	-3.9679
7	14	1966.2003	19.6972	-2.0135	-0.413	-3.9604
7	15	1966.1984	-18.9489	7.093	1.4179	3.8347
7	16	1966.2003	-18.9858	-2.0134	-0.413	3.8421
7	17	1966.2024	18.9858	-12.6289	-2.5382	-3.8421
7	18	1966.2042	18.9489	-21.7353	-4.3691	-3.8347
7	19	1966.2024	-19.6972	-12.6288	-2.5382	3.9604
7	20	1966.2042	-19.7341	-21.7352	-4.3691	3.9679
7	21	1966.2024	18.622	-12.6315	-2.5387	-3.7691
7	22	1966.2042	18.5851	-21.7379	-4.3696	-3.7617
7	23	1966.2024	-20.061	-12.6315	-2.5387	4.0335
7	24	1966.2042	-20.0979	-21.7379	-4.3696	4.0409
7	25	1966.2024	20.1629	-12.6289	-2.5382	-4.0539
7	26	1966.2042	20.126	-21.7353	-4.3691	-4.0465
7	27	1966.2024	-18.5201	-12.6288	-2.5382	3.7486
7	28	1966.2042	-18.557	-21.7352	-4.3691	3.756
7	29	1966.2024	19.7991	-12.6315	-2.5387	-3.9809
7	30	1966.2042	19.7622	-21.7379	-4.3696	-3.9735
7	31	1966.2024	-18.8839	-12.6315	-2.5387	3.8216
7	32	1966.2042	-18.9208	-21.7379	-4.3696	3.829
8	1	1969.0153	-0.1731	5.0008	0.9833	0.0276
8	2	1969.0175	-0.199	-6.1267	-1.2056	0.0326
8	3	1969.0153	-0.2616	5.0009	0.9833	0.0331
8	4	1969.0175	-0.2875	-6.1266	-1.2056	0.0382
8	5	1969.0153	-0.4013	4.9987	0.9829	0.0725
8	6	1969.0175	-0.4271	-6.1288	-1.206	0.0775
8	7	1969.0153	-0.4898	4.9987	0.9829	0.078
8	8	1969.0175	-0.5156	-6.1288	-1.206	0.0831
8	9	1969.0153	0.4748	5.0008	0.9833	-0.0751
8	10	1969.0175	0.449	-6.1267	-1.2056	-0.07
8	11	1969.0153	0.3863	5.0009	0.9833	-0.0695
8	12	1969.0175	0.3605	-6.1266	-1.2056	-0.0644

8	13	1969.0153	0.2467	4.9987	0.9829	-0.0302
8	14	1969.0175	0.2209	-6.1288	-1.206	-0.0251
8	15	1969.0153	0.1582	4.9987	0.9829	-0.0246
8	16	1969.0175	0.1324	-6.1288	-1.206	-0.0195
8	17	1969.0185	-0.1324	-11.1457	-2.197	0.0195
8	18	1969.0207	-0.1582	-22.2732	-4.3859	0.0246
8	19	1969.0185	-0.2209	-11.1457	-2.197	0.0251
8	20	1969.0207	-0.2467	-22.2732	-4.3859	0.0302
8	21	1969.0185	-0.3605	-11.1479	-2.1975	0.0644
8	22	1969.0207	-0.3864	-22.2754	-4.3863	0.0695
8	23	1969.0185	-0.449	-11.1478	-2.1974	0.07
8	24	1969.0207	-0.4749	-22.2753	-4.3863	0.0751
8	25	1969.0185	0.5156	-11.1457	-2.197	-0.0831
8	26	1969.0207	0.4897	-22.2732	-4.3859	-0.078
8	27	1969.0185	0.4271	-11.1457	-2.197	-0.0775
8	28	1969.0207	0.4012	-22.2732	-4.3859	-0.0724
8	29	1969.0185	0.2875	-11.1479	-2.1975	-0.0382
8	30	1969.0207	0.2616	-22.2754	-4.3863	-0.0331
8	31	1969.0185	0.199	-11.1478	-2.1974	-0.0326
8	32	1969.0207	0.1731	-22.2754	-4.3863	-0.0276
9	1	1973.2679	-20.3542	3.0956	0.5862	3.887
9	2	1973.2704	-20.3794	-10.0073	-1.9218	3.8918
9	3	1973.2679	20.2827	3.0957	0.5862	-3.8966
9	4	1973.2704	20.2575	-10.0073	-1.9218	-3.8918
9	5	1973.2679	-20.4974	3.0939	0.5858	3.9143
9	6	1973.2704	-20.5226	-10.0091	-1.9222	3.9192
9	7	1973.2679	20.1395	3.0939	0.5858	-3.8692
9	8	1973.2704	20.1143	-10.009	-1.9222	-3.8644
9	9	1973.2679	-20.1399	3.0956	0.5862	3.8693
9	10	1973.2704	-20.1651	-10.0073	-1.9218	3.8741
9	11	1973.2679	20.497	3.0957	0.5862	-3.9143
9	12	1973.2704	20.4718	-10.0073	-1.9218	-3.9095
9	13	1973.2679	-20.2831	3.0939	0.5858	3.8967
9	14	1973.2704	-20.3083	-10.0091	-1.9222	3.9015
9	15	1973.2679	20.3539	3.0939	0.5858	-3.8869
9	16	1973.2704	20.3286	-10.009	-1.9222	-3.8821
9	17	1973.2703	-20.3287	-9.812	-1.8788	3.8821
9	18	1973.2728	-20.3539	-22.915	-4.3868	3.8869
9	19	1973.2703	20.3083	-9.812	-1.8788	-3.9015
9	20	1973.2728	20.283	-22.9149	-4.3868	-3.8967
9	21	1973.2703	-20.4718	-9.8137	-1.8792	3.9095
9	22	1973.2728	-20.497	-22.9167	-4.3872	3.9143
9	23	1973.2703	20.1651	-9.8137	-1.8792	-3.8741
9	24	1973.2728	20.1399	-22.9167	-4.3872	-3.8693
9	25	1973.2703	-20.1143	-9.812	-1.8788	3.8644
9	26	1973.2728	-20.1395	-22.915	-4.3868	3.8692
9	27	1973.2703	20.5226	-9.812	-1.8788	-3.9192
9	28	1973.2728	20.4974	-22.9149	-4.3868	-3.9143
9	29	1973.2703	-20.2575	-9.8137	-1.8792	3.8918
9	30	1973.2728	-20.2827	-22.9167	-4.3872	3.8966
9	31	1973.2703	20.3794	-9.8137	-1.8792	-3.8918
9	32	1973.2728	20.3542	-22.9167	-4.3872	-3.887
10	1	1973.2572	-40.0619	1.4504	0.2761	7.6665
10	2	1973.2602	-40.0967	-14.3488	-2.7428	7.6732
10	3	1973.2572	40.3648	1.4504	0.2761	-7.7486
10	4	1973.2602	40.33	-14.3488	-2.7428	-7.7419
10	5	1973.2572	-40.1491	1.4489	0.2759	7.6832
10	6	1973.2602	-40.1839	-14.3503	-2.7431	7.6898
10	7	1973.2572	40.2776	1.449	0.2759	-7.7319
10	8	1973.2602	40.2428	-14.3502	-2.7431	-7.7253
10	9	1973.2572	-40.2584	1.4504	0.2761	7.7283
10	10	1973.2602	-40.2932	-14.3488	-2.7428	7.7349
10	11	1973.2572	40.1683	1.4504	0.2761	-7.6868
10	12	1973.2602	40.1335	-14.3488	-2.7428	-7.6802
10	13	1973.2572	-40.3456	1.4489	0.2759	7.7449
10	14	1973.2602	-40.3804	-14.3503	-2.7431	7.7516
10	15	1973.2572	40.0811	1.449	0.2759	-7.6702
10	16	1973.2602	40.0464	-14.3502	-2.7431	-7.6635
10	17	1973.2592	-40.0464	-9.1567	-1.7534	7.6635
10	18	1973.2622	-40.0811	-24.9559	-4.7724	7.6702

10	19	1973.2592	40.3804	-9.1566	-1.7534	-7.7516
10	20	1973.2622	40.3456	-24.9558	-4.7724	-7.7449
10	21	1973.2592	-40.1336	-9.1581	-1.7537	7.6802
10	22	1973.2622	-40.1683	-24.9573	-4.7727	7.6868
10	23	1973.2592	40.2932	-9.1581	-1.7537	-7.7349
10	24	1973.2622	40.2584	-24.9573	-4.7727	-7.7283
10	25	1973.2592	-40.2428	-9.1567	-1.7534	7.7253
10	26	1973.2622	-40.2776	-24.9559	-4.7724	7.7319
10	27	1973.2592	40.1839	-9.1566	-1.7534	-7.6898
10	28	1973.2622	40.1491	-24.9558	-4.7724	-7.6832
10	29	1973.2592	-40.33	-9.1581	-1.7537	7.7419
10	30	1973.2622	-40.3648	-24.9573	-4.7727	7.7486
10	31	1973.2592	40.0967	-9.1581	-1.7537	-7.6732
10	32	1973.2622	40.0619	-24.9573	-4.7727	-7.6665
11	1	1953.4765	-53.5584	-0.1977	-0.0501	11.8657
11	2	1953.4816	-53.6083	-23.2924	-5.152	11.8767
11	3	1953.4765	54.2619	-0.1977	-0.0501	-12.0476
11	4	1953.4816	54.212	-23.2924	-5.152	-12.0366
11	5	1953.4765	-53.6059	-0.1991	-0.0504	11.8762
11	6	1953.4816	-53.6557	-23.2938	-5.1523	11.8871
11	7	1953.4765	54.2144	-0.1991	-0.0504	-12.0371
11	8	1953.4816	54.1646	-23.2938	-5.1523	-12.0262
11	9	1953.4765	-54.1731	-0.1977	-0.0501	12.028
11	10	1953.4816	-54.2229	-23.2924	-5.152	12.039
11	11	1953.4765	53.6472	-0.1977	-0.0501	-11.8853
11	12	1953.4816	53.5974	-23.2924	-5.152	-11.8743
11	13	1953.4765	-54.2205	-0.1991	-0.0504	12.0385
11	14	1953.4816	-54.2703	-23.2938	-5.1523	12.0495
11	15	1953.4765	53.5998	-0.1991	-0.0504	-11.8748
11	16	1953.4816	53.55	-23.2938	-5.1523	-11.8638
11	17	1953.4788	-53.55	-10.6384	-2.3521	11.8638
11	18	1953.4839	-53.5998	-33.7331	-7.454	11.8748
11	19	1953.4788	54.2703	-10.6384	-2.3521	-12.0495
11	20	1953.4839	54.2205	-33.7331	-7.454	-12.0385
11	21	1953.4788	-53.5974	-10.6398	-2.3524	11.8743
11	22	1953.4839	-53.6472	-33.7345	-7.4543	11.8853
11	23	1953.4788	54.2229	-10.6398	-2.3524	-12.039
11	24	1953.4839	54.1731	-33.7345	-7.4543	-12.028
11	25	1953.4788	-54.1646	-10.6384	-2.3521	12.0262
11	26	1953.4839	-54.2144	-33.7331	-7.454	12.0371
11	27	1953.4788	53.6557	-10.6384	-2.3521	-11.8871
11	28	1953.4839	53.6059	-33.7331	-7.454	-11.8762
11	29	1953.4788	-54.212	-10.6398	-2.3524	12.0366
11	30	1953.4839	-54.2619	-33.7345	-7.4543	12.0476
11	31	1953.4788	53.6083	-10.6398	-2.3524	-11.8767
11	32	1953.4839	53.5584	-33.7345	-7.4543	-11.8657
12	1	1977.4989	-82.0695	-1.702	-0.3175	15.2809
12	2	1977.5029	-82.1625	-23.196	-4.3102	15.2982
12	3	1977.4989	83.6323	-1.702	-0.3175	-15.5948
12	4	1977.5029	83.5392	-23.196	-4.3102	-15.5775
12	5	1977.4989	-82.1027	-1.7028	-0.3176	15.287
12	6	1977.5029	-82.1958	-23.1969	-4.3104	15.3043
12	7	1977.4989	83.599	-1.7028	-0.3176	-15.5886
12	8	1977.5029	83.5059	-23.1968	-4.3104	-15.5713
12	9	1977.4989	-83.5119	-1.702	-0.3175	15.5724
12	10	1977.5029	-83.6049	-23.196	-4.3102	15.5897
12	11	1977.4989	82.1899	-1.702	-0.3175	-15.3032
12	12	1977.5029	82.0968	-23.196	-4.3102	-15.2859
12	13	1977.4989	-83.5451	-1.7028	-0.3176	15.5786
12	14	1977.5029	-83.6382	-23.1969	-4.3104	15.5959
12	15	1977.4989	82.1566	-1.7028	-0.3176	-15.297
12	16	1977.5029	82.0635	-23.1968	-4.3104	-15.2797
12	17	1977.5001	-82.0635	-8.1043	-1.5087	15.2797
12	18	1977.5041	-82.1566	-29.5983	-5.5014	15.297
12	19	1977.5001	83.6382	-8.1043	-1.5087	-15.5959
12	20	1977.5041	83.5451	-29.5983	-5.5014	-15.5786
12	21	1977.5001	-82.0968	-8.1052	-1.5088	15.2859
12	22	1977.5041	-82.1899	-29.5992	-5.5016	15.3032
12	23	1977.5001	83.6049	-8.1052	-1.5088	-15.5897
12	24	1977.5041	83.5119	-29.5992	-5.5016	-15.5724

12	25	1977.5001	-83.5059	-8.1043	-1.5087	15.5713
12	26	1977.5041	-83.599	-29.5983	-5.5014	15.5886
12	27	1977.5001	82.1958	-8.1043	-1.5087	-15.3043
12	28	1977.5041	82.1027	-29.5983	-5.5014	-15.287
12	29	1977.5001	-83.5392	-8.1052	-1.5088	15.5775
12	30	1977.5041	-83.6323	-29.5992	-5.5016	15.5948
12	31	1977.5001	82.1625	-8.1052	-1.5088	-15.2982
12	32	1977.5041	82.0695	-29.5992	-5.5016	-15.2809
13	1	1966.2006	-95.8554	-3.6688	-0.7426	19.3539
13	2	1966.2063	-95.998	-31.9824	-6.4326	19.3825
13	3	1966.2006	98.3978	-3.6687	-0.7426	-19.8887
13	4	1966.2063	98.2552	-31.9824	-6.4326	-19.8601
13	5	1966.2006	-95.8752	-3.6695	-0.7427	19.3579
13	6	1966.2063	-96.0178	-31.9831	-6.4328	19.3865
13	7	1966.2006	98.378	-3.6695	-0.7427	-19.8848
13	8	1966.2063	98.2354	-31.9831	-6.4328	-19.8561
13	9	1966.2006	-98.239	-3.6688	-0.7426	19.8569
13	10	1966.2063	-98.3816	-31.9824	-6.4326	19.8855
13	11	1966.2006	96.0143	-3.6687	-0.7426	-19.3858
13	12	1966.2063	95.8716	-31.9824	-6.4326	-19.3571
13	13	1966.2006	-98.2588	-3.6695	-0.7427	19.8608
13	14	1966.2063	-98.4014	-31.9831	-6.4328	19.8895
13	15	1966.2006	95.9944	-3.6695	-0.7427	-19.3818
13	16	1966.2063	95.8518	-31.9831	-6.4328	-19.3532
13	17	1966.2017	-95.8518	-8.9756	-1.8061	19.3532
13	18	1966.2074	-95.9944	-37.2893	-7.4962	19.3818
13	19	1966.2017	98.4014	-8.9756	-1.8061	-19.8895
13	20	1966.2074	98.2588	-37.2893	-7.4962	-19.8608
13	21	1966.2017	-95.8716	-8.9763	-1.8063	19.3571
13	22	1966.2074	-96.0143	-37.29	-7.4963	19.3858
13	23	1966.2017	98.3816	-8.9763	-1.8063	-19.8855
13	24	1966.2074	98.239	-37.29	-7.4963	-19.8569
13	25	1966.2017	-98.2354	-8.9756	-1.8061	19.8561
13	26	1966.2074	-98.378	-37.2893	-7.4962	19.8848
13	27	1966.2017	96.0178	-8.9756	-1.8061	-19.3865
13	28	1966.2074	95.8752	-37.2893	-7.4962	-19.3579
13	29	1966.2017	-98.2552	-8.9763	-1.8063	19.8601
13	30	1966.2074	-98.3978	-37.29	-7.4963	19.8887
13	31	1966.2017	95.998	-8.9763	-1.8063	-19.3825
13	32	1966.2074	95.8554	-37.29	-7.4963	-19.3539
14	1	1957.7079	-106.3305	-6.0408	-1.292	22.8566
14	2	1957.7156	-106.5428	-42.3532	-9.0473	22.9021
14	3	1957.7079	110.2926	-6.0408	-1.2919	-23.7305
14	4	1957.7156	110.0803	-42.3532	-9.0473	-23.6851
14	5	1957.7079	-106.3425	-6.0413	-1.2921	22.8592
14	6	1957.7156	-106.5548	-42.3537	-9.0474	22.9047
14	7	1957.7079	110.2806	-6.0413	-1.2921	-23.728
14	8	1957.7156	110.0683	-42.3537	-9.0474	-23.6825
14	9	1957.7079	-110.0705	-6.0408	-1.292	23.683
14	10	1957.7156	-110.2828	-42.3532	-9.0473	23.7284
14	11	1957.7079	106.5527	-6.0408	-1.2919	-22.9042
14	12	1957.7156	106.3404	-42.3532	-9.0473	-22.8587
14	13	1957.7079	-110.0825	-6.0413	-1.2921	23.6855
14	14	1957.7156	-110.2948	-42.3537	-9.0474	23.731
14	15	1957.7079	106.5407	-6.0413	-1.2921	-22.9016
14	16	1957.7156	106.3284	-42.3537	-9.0474	-22.8562
14	17	1957.7087	-106.3284	-9.96	-2.1305	22.8562
14	18	1957.7165	-106.5407	-46.2724	-9.8859	22.9016
14	19	1957.7087	110.2948	-9.96	-2.1305	-23.731
14	20	1957.7165	110.0825	-46.2724	-9.8859	-23.6855
14	21	1957.7087	-106.3404	-9.9605	-2.1307	22.8587
14	22	1957.7165	-106.5527	-46.2729	-9.886	22.9042
14	23	1957.7087	110.2828	-9.9605	-2.1307	-23.7284
14	24	1957.7165	110.0705	-46.2729	-9.886	-23.683
14	25	1957.7087	-110.0683	-9.96	-2.1305	23.6825
14	26	1957.7165	-110.2806	-46.2724	-9.8859	23.728
14	27	1957.7087	106.5548	-9.96	-2.1305	-22.9047
14	28	1957.7165	106.3425	-46.2724	-9.8859	-22.8592
14	29	1957.7087	-110.0803	-9.9605	-2.1307	23.6851
14	30	1957.7165	-110.2926	-46.2729	-9.886	23.7305

14	31	1957.7087	106.5428	-9.9605	-2.1307	-22.9021
14	32	1957.7165	106.3305	-46.2729	-9.886	-22.8566
15	1	1929.4464	-96.2919	-11.4568	-3.1215	26.3155
15	2	1929.4625	-96.357	-70.8782	-19.2765	26.3642
15	3	1929.4464	101.2903	-11.4568	-3.1215	-27.7372
15	4	1929.4625	101.2251	-70.8782	-19.2765	-27.6884
15	5	1929.4464	-96.2987	-11.4572	-3.1216	26.3174
15	6	1929.4625	-96.3638	-70.8786	-19.2766	26.3661
15	7	1929.4464	101.2835	-11.4572	-3.1216	-27.7353
15	8	1929.4625	101.2183	-70.8786	-19.2766	-27.6866
15	9	1929.4464	-101.2195	-11.4568	-3.1215	27.6869
15	10	1929.4625	-101.2847	-70.8782	-19.2765	27.7356
15	11	1929.4464	96.3626	-11.4568	-3.1215	-26.3658
15	12	1929.4625	96.2975	-70.8782	-19.2765	-26.317
15	13	1929.4464	-101.2264	-11.4572	-3.1216	27.6888
15	14	1929.4625	-101.2915	-70.8786	-19.2766	27.7375
15	15	1929.4464	96.3558	-11.4572	-3.1216	-26.3639
15	16	1929.4625	96.2906	-70.8786	-19.2766	-26.3152
15	17	1929.4472	-96.2906	-14.4365	-3.9287	26.3152
15	18	1929.4633	-96.3558	-73.8579	-20.0837	26.3639
15	19	1929.4472	101.2915	-14.4365	-3.9287	-27.7375
15	20	1929.4633	101.2264	-73.8579	-20.0837	-27.6888
15	21	1929.4472	-96.2975	-14.4369	-3.9288	26.317
15	22	1929.4633	-96.3626	-73.8583	-20.0838	26.3658
15	23	1929.4472	101.2847	-14.4369	-3.9288	-27.7356
15	24	1929.4633	101.2195	-73.8583	-20.0838	-27.6869
15	25	1929.4472	-101.2183	-14.4365	-3.9287	27.6866
15	26	1929.4633	-101.2835	-73.8579	-20.0837	27.7353
15	27	1929.4472	96.3638	-14.4365	-3.9287	-26.3661
15	28	1929.4633	96.2987	-73.8579	-20.0837	-26.3174
15	29	1929.4472	-101.2251	-14.4369	-3.9288	27.6884
15	30	1929.4633	-101.2903	-73.8583	-20.0838	27.7372
15	31	1929.4472	96.357	-14.4369	-3.9288	-26.3642
15	32	1929.4633	96.2919	-73.8583	-20.0838	-26.3155

- Caso 4 :

Nome : Caso 7

Descr. : SLU con SISMAY PRINC

Tipo : SLU

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	1905.399	100.5195	31.2299	11.0055	-43.4178
1	2	1905.3947	103.1449	43.5978	15.3654	-44.186
1	3	1905.399	100.6087	31.23	11.0056	-43.4349
1	4	1905.3947	103.2341	43.5979	15.3655	-44.2031
1	5	1905.4039	100.4115	17.4074	6.1118	-43.3801
1	6	1905.3996	103.037	29.7753	10.4717	-44.1482
1	7	1905.4039	100.5007	17.4075	6.1118	-43.3972
1	8	1905.3996	103.1262	29.7754	10.4717	-44.1654
1	9	1905.399	-410.1256	31.214	10.9999	138.0599
1	10	1905.3947	-407.5002	43.5819	15.3598	137.2917
1	11	1905.399	-410.0364	31.2141	10.9999	138.0427
1	12	1905.3947	-407.411	43.582	15.3598	137.2745
1	13	1905.4039	-410.2336	17.3915	6.1061	138.0976
1	14	1905.3996	-407.6082	29.7594	10.466	137.3294
1	15	1905.4039	-410.1444	17.3916	6.1062	138.0805
1	16	1905.3996	-407.519	29.7596	10.4661	137.3123
1	17	1905.3987	407.5189	32.2982	11.3837	-137.3122
1	18	1905.3943	410.1443	44.6661	15.7436	-138.0804
1	19	1905.3987	407.6081	32.2983	11.3838	-137.3294
1	20	1905.3943	410.2335	44.6662	15.7437	-138.0976
1	21	1905.4036	407.4109	18.4757	6.49	-137.2745
1	22	1905.3992	410.0363	30.8436	10.8499	-138.0427
1	23	1905.4036	407.5001	18.4758	6.49	-137.2917
1	24	1905.3992	410.1255	30.8437	10.8499	-138.0599
1	25	1905.3987	-103.1263	32.2823	11.3781	44.1654
1	26	1905.3943	-100.5008	44.6502	15.738	43.3972
1	27	1905.3987	-103.037	32.2824	11.3782	44.1483

1	28	1905.3943	-100.4116	44.6503	15.7381	43.3801
1	29	1905.4036	-103.2342	18.4598	6.4844	44.2032
1	30	1905.3992	-100.6088	30.8277	10.8442	43.435
1	31	1905.4036	-103.145	18.4599	6.4844	44.186
1	32	1905.3992	-100.5196	30.8278	10.8443	43.4178
2	1	1812.5455	-9902.1566	29.0394	31.4816	2107.5654
2	2	2102.8113	-9778.4759	-17.9657	-29.094	2109.5972
2	3	1812.5455	-9901.2451	29.0396	31.4816	2107.3616
2	4	2102.8113	-9777.5644	-17.9656	-29.0939	2109.3933
2	5	1812.425	-9902.8045	15.9105	28.7017	2107.7016
2	6	2102.6908	-9779.1238	-31.0946	-31.8739	2109.7334
2	7	1812.425	-9901.8931	15.9106	28.7017	2107.4977
2	8	2102.6908	-9778.2123	-31.0945	-31.8738	2109.5295
2	9	1812.5455	-10689.6281	29.0244	31.4784	2276.8975
2	10	2102.8112	-10565.9473	-17.9808	-29.0972	2278.9293
2	11	1812.5455	-10688.7166	29.0245	31.4784	2276.6936
2	12	2102.8112	-10565.0359	-17.9806	-29.0972	2278.7254
2	13	1812.425	-10690.276	15.8954	28.6985	2277.0337
2	14	2102.6908	-10566.5953	-31.1097	-31.8771	2279.0655
2	15	1812.425	-10689.3645	15.8955	28.6985	2276.8298
2	16	2102.6908	-10565.6838	-31.1096	-31.877	2278.8616
2	17	1812.5481	10565.6771	30.0548	31.6978	-2278.8602
2	18	2102.8139	10689.3578	-16.9503	-28.8778	-2276.8284
2	19	1812.5481	10566.5886	30.0549	31.6978	-2279.064
2	20	2102.8139	10690.2693	-16.9502	-28.8778	-2277.0323
2	21	1812.4277	10565.0292	16.9259	28.9179	-2278.724
2	22	2102.6934	10688.7099	-30.0793	-31.6577	-2276.6922
2	23	1812.4277	10565.9407	16.926	28.9179	-2278.9278
2	24	2102.6934	10689.6214	-30.0791	-31.6577	-2276.8961
2	25	1812.5481	9778.2056	30.0397	31.6946	-2109.5281
2	26	2102.8138	9901.8864	-16.9654	-28.881	-2107.4963
2	27	1812.5481	9779.1171	30.0398	31.6946	-2109.732
2	28	2102.8138	9902.7978	-16.9653	-28.881	-2107.7002
2	29	1812.4276	9777.5577	16.9108	28.9147	-2109.3919
2	30	2102.6934	9901.2384	-30.0943	-31.6609	-2107.3601
2	31	1812.4276	9778.4692	16.9109	28.9147	-2109.5958
2	32	2102.6934	9902.1499	-30.0942	-31.6609	-2107.564
3	1	1906.4813	-457.6783	-3.9797	-9.7735	87.3024
3	2	2008.8173	-402.4087	10.8252	11.1995	86.4541
3	3	1906.4813	-456.3143	-3.9797	-9.7735	87.0116
3	4	2008.8173	-401.0447	10.8252	11.1995	86.1634
3	5	1906.546	-457.1977	-16.3612	-12.4059	87.1996
3	6	2008.8821	-401.9282	-1.5563	8.5672	86.3513
3	7	1906.546	-455.8337	-16.3612	-12.4059	86.9088
3	8	2008.8821	-400.5642	-1.5563	8.5672	86.0606
3	9	1906.4813	-987.7257	-3.9794	-9.7734	201.094
3	10	2008.8173	-932.4562	10.8254	11.1996	200.2458
3	11	1906.4813	-986.3617	-3.9794	-9.7734	200.8032
3	12	2008.8173	-931.0922	10.8254	11.1996	199.955
3	13	1906.546	-987.2452	-16.3609	-12.4058	200.9912
3	14	2008.882	-931.9756	-1.556	8.5672	200.143
3	15	1906.546	-985.8812	-16.3609	-12.4058	200.7004
3	16	2008.882	-930.6116	-1.556	8.5672	199.8522
3	17	1906.4825	930.6177	-3.998	-9.7772	-199.8535
3	18	2008.8185	985.8873	10.8069	11.1958	-200.7018
3	19	1906.4825	931.9818	-3.998	-9.7772	-200.1443
3	20	2008.8185	987.2513	10.8069	11.1958	-200.9925
3	21	1906.5472	931.0983	-16.3795	-12.4096	-199.9563
3	22	2008.8832	986.3678	-1.5746	8.5635	-200.8046
3	23	1906.5472	932.4623	-16.3795	-12.4096	-200.2471
3	24	2008.8832	987.7318	-1.5746	8.5635	-201.0953
3	25	1906.4824	400.5703	-3.9977	-9.7771	-86.0619
3	26	2008.8185	455.8398	10.8072	11.1959	-86.9101
3	27	1906.4824	401.9343	-3.9977	-9.7771	-86.3527
3	28	2008.8185	457.2038	10.8072	11.1959	-87.2009
3	29	1906.5472	401.0508	-16.3792	-12.4095	-86.1647
3	30	2008.8832	456.3204	-1.5743	8.5635	-87.0129
3	31	1906.5472	402.4148	-16.3792	-12.4095	-86.4555
3	32	2008.8832	457.6844	-1.5743	8.5635	-87.3037
4	1	1966.1883	240.8768	2.9936	0.5995	-48.9667

4	2	1966.189	242.6511	-0.4598	-0.093	-49.2855
4	3	1966.1883	242.4538	2.9936	0.5995	-49.2761
4	4	1966.189	244.2281	-0.4598	-0.093	-49.5949
4	5	1966.1902	240.9726	-6.703	-1.3486	-48.9858
4	6	1966.1909	242.7469	-10.1563	-2.0411	-49.3046
4	7	1966.1902	242.5496	-6.703	-1.3486	-49.2952
4	8	1966.1909	244.3239	-10.1563	-2.0411	-49.614
4	9	1966.1883	-277.1967	2.9938	0.5995	55.6547
4	10	1966.189	-275.4224	-0.4595	-0.0929	55.336
4	11	1966.1883	-275.6197	2.9938	0.5995	55.3453
4	12	1966.189	-273.8454	-0.4595	-0.0929	55.0265
4	13	1966.1902	-277.1009	-6.7028	-1.3486	55.6356
4	14	1966.1909	-275.3266	-10.1561	-2.0411	55.3169
4	15	1966.1902	-275.5239	-6.7028	-1.3486	55.3262
4	16	1966.1909	-273.7496	-10.1561	-2.0411	55.0074
4	17	1966.1883	273.7496	2.9791	0.5966	-55.0075
4	18	1966.189	275.524	-0.4742	-0.0959	-55.3262
4	19	1966.1883	275.3266	2.9791	0.5966	-55.3169
4	20	1966.189	277.101	-0.4742	-0.0959	-55.6356
4	21	1966.1902	273.8454	-6.7175	-1.3515	-55.0266
4	22	1966.1909	275.6198	-10.1708	-2.044	-55.3453
4	23	1966.1902	275.4224	-6.7175	-1.3515	-55.336
4	24	1966.1909	277.1968	-10.1708	-2.044	-55.6547
4	25	1966.1883	-244.3239	2.9793	0.5966	49.614
4	26	1966.189	-242.5495	-0.474	-0.0959	49.2952
4	27	1966.1883	-242.7469	2.9793	0.5966	49.3046
4	28	1966.189	-240.9725	-0.474	-0.0959	48.9858
4	29	1966.1902	-244.2281	-6.7173	-1.3515	49.5949
4	30	1966.1909	-242.4537	-10.1706	-2.044	49.2761
4	31	1966.1902	-242.6511	-6.7173	-1.3515	49.2855
4	32	1966.1909	-240.8767	-10.1706	-2.044	48.9667
5	1	1977.5093	208.812	1.7792	0.326	-38.9161
5	2	1977.5101	208.7673	-2.799	-0.5267	-38.9071
5	3	1977.5093	209.8601	1.7792	0.326	-39.1041
5	4	1977.5101	209.8154	-2.799	-0.5267	-39.0951
5	5	1977.5106	208.8686	-5.6131	-1.0465	-38.9266
5	6	1977.5115	208.8239	-10.1913	-1.8992	-38.9176
5	7	1977.5106	209.9167	-5.6131	-1.0465	-39.1146
5	8	1977.5115	209.872	-10.1913	-1.8992	-39.1056
5	9	1977.5093	-207.6057	1.7794	0.326	38.6694
5	10	1977.5101	-207.6504	-2.7988	-0.5267	38.6784
5	11	1977.5093	-206.5576	1.7794	0.326	38.4814
5	12	1977.5101	-206.6024	-2.7988	-0.5267	38.4904
5	13	1977.5106	-207.5491	-5.6129	-1.0465	38.6588
5	14	1977.5115	-207.5938	-10.1911	-1.8992	38.6678
5	15	1977.5106	-206.501	-5.6129	-1.0465	38.4708
5	16	1977.5115	-206.5457	-10.1911	-1.8992	38.4798
5	17	1977.5093	206.5457	1.7682	0.324	-38.4798
5	18	1977.5101	206.501	-2.81	-0.5287	-38.4708
5	19	1977.5093	207.5938	1.7682	0.324	-38.6678
5	20	1977.5101	207.5491	-2.81	-0.5287	-38.6588
5	21	1977.5106	206.6023	-5.6241	-1.0485	-38.4903
5	22	1977.5115	206.5576	-10.2023	-1.9013	-38.4813
5	23	1977.5106	207.6504	-5.6241	-1.0485	-38.6784
5	24	1977.5115	207.6057	-10.2023	-1.9013	-38.6693
5	25	1977.5093	-209.8721	1.7683	0.324	39.1056
5	26	1977.5101	-209.9168	-2.8098	-0.5287	39.1146
5	27	1977.5093	-208.824	1.7683	0.324	38.9176
5	28	1977.5101	-208.8687	-2.8098	-0.5287	38.9266
5	29	1977.5106	-209.8154	-5.624	-1.0485	39.0951
5	30	1977.5115	-209.8602	-10.2021	-1.9012	39.1041
5	31	1977.5106	-208.7674	-5.624	-1.0485	38.9071
5	32	1977.5115	-208.8121	-10.2021	-1.9012	38.9161
6	1	1953.4652	120.9857	1.2029	0.2636	-26.8075
6	2	1953.4669	120.9319	-6.7859	-1.4985	-26.7956
6	3	1953.4652	121.5487	1.2029	0.2636	-26.9232
6	4	1953.4669	121.4949	-6.7859	-1.4985	-26.9113
6	5	1953.4669	121.0157	-6.792	-1.5022	-26.8141
6	6	1953.4687	120.9618	-14.7809	-3.2643	-26.8022
6	7	1953.4669	121.5786	-6.7921	-1.5022	-26.9298

6	8	1953.4687	121.5248	-14.7809	-3.2643	-26.9179
6	9	1953.4652	-119.7013	1.2031	0.2636	26.5154
6	10	1953.4669	-119.7552	-6.7857	-1.4985	26.5273
6	11	1953.4652	-119.1384	1.2031	0.2636	26.3996
6	12	1953.4669	-119.1922	-6.7857	-1.4985	26.4115
6	13	1953.4669	-119.6714	-6.7919	-1.5021	26.5088
6	14	1953.4687	-119.7252	-14.7807	-3.2642	26.5206
6	15	1953.4669	-119.1084	-6.7919	-1.5021	26.393
6	16	1953.4687	-119.1622	-14.7807	-3.2642	26.4049
6	17	1953.4652	119.1622	1.191	0.2609	-26.4049
6	18	1953.4669	119.1084	-6.7978	-1.5012	-26.393
6	19	1953.4652	119.7252	1.191	0.2609	-26.5206
6	20	1953.4669	119.6714	-6.7978	-1.5012	-26.5087
6	21	1953.4669	119.1922	-6.804	-1.5048	-26.4115
6	22	1953.4687	119.1383	-14.7928	-3.2669	-26.3996
6	23	1953.4669	119.7551	-6.804	-1.5048	-26.5272
6	24	1953.4687	119.7013	-14.7928	-3.2669	-26.5153
6	25	1953.4652	-121.5248	1.1912	0.261	26.9179
6	26	1953.4669	-121.5787	-6.7976	-1.5011	26.9298
6	27	1953.4652	-120.9619	1.1912	0.261	26.8022
6	28	1953.4669	-121.0157	-6.7976	-1.5011	26.8141
6	29	1953.4669	-121.4949	-6.8038	-1.5047	26.9113
6	30	1953.4687	-121.5487	-14.7926	-3.2668	26.9232
6	31	1953.4669	-120.9319	-6.8038	-1.5047	26.7956
6	32	1953.4687	-120.9857	-14.7926	-3.2668	26.8075
7	1	1966.1998	64.9101	0.1951	0.0342	-13.0959
7	2	1966.2017	64.8732	-8.9113	-1.7966	-13.0885
7	3	1966.1998	65.2633	0.1951	0.0342	-13.1595
7	4	1966.2017	65.2263	-8.9113	-1.7966	-13.152
7	5	1966.201	64.9296	-5.7223	-1.1527	-13.0998
7	6	1966.2029	64.8927	-14.8287	-2.9836	-13.0924
7	7	1966.201	65.2828	-5.7223	-1.1527	-13.1634
7	8	1966.2029	65.2458	-14.8287	-2.9836	-13.156
7	9	1966.1998	-64.0332	0.1952	0.0343	12.9126
7	10	1966.2017	-64.0702	-8.9112	-1.7966	12.92
7	11	1966.1998	-63.6801	0.1952	0.0343	12.849
7	12	1966.2017	-63.717	-8.9112	-1.7966	12.8564
7	13	1966.201	-64.0137	-5.7221	-1.1527	12.9087
7	14	1966.2029	-64.0506	-14.8285	-2.9836	12.9161
7	15	1966.201	-63.6606	-5.7221	-1.1527	12.8451
7	16	1966.2029	-63.6975	-14.8285	-2.9836	12.8525
7	17	1966.1998	63.6975	0.1863	0.0325	-12.8525
7	18	1966.2017	63.6606	-8.9202	-1.7984	-12.8451
7	19	1966.1998	64.0506	0.1863	0.0325	-12.9161
7	20	1966.2017	64.0137	-8.9202	-1.7984	-12.9087
7	21	1966.201	63.717	-5.7311	-1.1545	-12.8564
7	22	1966.2029	63.6801	-14.8375	-2.9854	-12.849
7	23	1966.201	64.0701	-5.7311	-1.1545	-12.92
7	24	1966.2029	64.0332	-14.8375	-2.9854	-12.9126
7	25	1966.1998	-65.2459	0.1864	0.0325	13.156
7	26	1966.2017	-65.2828	-8.92	-1.7984	13.1634
7	27	1966.1998	-64.8927	0.1864	0.0325	13.0924
7	28	1966.2017	-64.9297	-8.92	-1.7984	13.0998
7	29	1966.201	-65.2264	-5.7309	-1.1545	13.152
7	30	1966.2029	-65.2633	-14.8374	-2.9854	13.1595
7	31	1966.201	-64.8732	-5.7309	-1.1545	13.0885
7	32	1966.2029	-64.9102	-14.8374	-2.9854	13.0959
8	1	1969.0164	0.4373	-0.648	-0.1293	-0.07
8	2	1969.0186	0.4115	-11.7755	-2.3182	-0.0649
8	3	1969.0164	0.6317	-0.648	-0.1293	-0.1008
8	4	1969.0186	0.6059	-11.7755	-2.3182	-0.0957
8	5	1969.0174	0.4495	-5.4919	-1.0834	-0.0724
8	6	1969.0196	0.4237	-16.6194	-3.2723	-0.0673
8	7	1969.0174	0.6439	-5.4919	-1.0834	-0.1032
8	8	1969.0196	0.6181	-16.6194	-3.2723	-0.0981
8	9	1969.0164	0.1423	-0.6478	-0.1293	-0.0515
8	10	1969.0186	0.1165	-11.7754	-2.3182	-0.0464
8	11	1969.0164	0.3367	-0.6478	-0.1293	-0.0823
8	12	1969.0186	0.3109	-11.7754	-2.3182	-0.0772
8	13	1969.0174	0.1545	-5.4918	-1.0834	-0.0539

8	14	1969.0196	0.1287	-16.6193	-3.2723	-0.0488
8	15	1969.0174	0.3489	-5.4918	-1.0834	-0.0847
8	16	1969.0196	0.3231	-16.6193	-3.2723	-0.0796
8	17	1969.0164	-0.3231	-0.6552	-0.1307	0.0796
8	18	1969.0186	-0.349	-11.7827	-2.3196	0.0847
8	19	1969.0164	-0.1287	-0.6552	-0.1307	0.0488
8	20	1969.0186	-0.1546	-11.7827	-2.3196	0.0539
8	21	1969.0174	-0.3109	-5.4991	-1.0848	0.0772
8	22	1969.0196	-0.3367	-16.6267	-3.2737	0.0823
8	23	1969.0174	-0.1165	-5.4991	-1.0848	0.0464
8	24	1969.0196	-0.1423	-16.6267	-3.2737	0.0515
8	25	1969.0164	-0.6181	-0.6551	-0.1307	0.0981
8	26	1969.0186	-0.644	-11.7826	-2.3196	0.1032
8	27	1969.0164	-0.4237	-0.6551	-0.1307	0.0674
8	28	1969.0186	-0.4496	-11.7826	-2.3196	0.0724
8	29	1969.0174	-0.6059	-5.499	-1.0848	0.0957
8	30	1969.0196	-0.6317	-16.6265	-3.2737	0.1008
8	31	1969.0174	-0.4115	-5.499	-1.0848	0.0649
8	32	1969.0196	-0.4373	-16.6265	-3.2737	0.07
9	1	1973.2687	-67.5129	-1.42	-0.2762	12.928
9	2	1973.2712	-67.5382	-14.523	-2.7842	12.9328
9	3	1973.2687	-67.4486	-1.42	-0.2762	12.9227
9	4	1973.2712	-67.4739	-14.523	-2.7842	12.9275
9	5	1973.2695	-67.5053	-5.2923	-1.0157	12.9265
9	6	1973.272	-67.5305	-18.3953	-3.5237	12.9314
9	7	1973.2695	-67.441	-5.2923	-1.0157	12.9212
9	8	1973.272	-67.4662	-18.3953	-3.5237	12.9261
9	9	1973.2687	67.9434	-1.42	-0.2762	-13.0172
9	10	1973.2712	67.9182	-14.5229	-2.7842	-13.0124
9	11	1973.2687	68.0077	-1.42	-0.2762	-13.0225
9	12	1973.2712	67.9825	-14.5229	-2.7842	-13.0177
9	13	1973.2695	67.9511	-5.2922	-1.0157	-13.0187
9	14	1973.272	67.9259	-18.3952	-3.5237	-13.0139
9	15	1973.2695	68.0154	-5.2923	-1.0157	-13.024
9	16	1973.272	67.9902	-18.3952	-3.5237	-13.0192
9	17	1973.2687	-67.9902	-1.4258	-0.2773	13.0192
9	18	1973.2712	-68.0154	-14.5288	-2.7853	13.024
9	19	1973.2687	-67.9259	-1.4258	-0.2773	13.0139
9	20	1973.2712	-67.9511	-14.5288	-2.7853	13.0187
9	21	1973.2695	-67.9825	-5.2981	-1.0168	13.0177
9	22	1973.272	-68.0077	-18.4011	-3.5248	13.0225
9	23	1973.2695	-67.9182	-5.2981	-1.0168	13.0124
9	24	1973.272	-67.9434	-18.4011	-3.5248	13.0172
9	25	1973.2687	67.4662	-1.4257	-0.2773	-12.9261
9	26	1973.2712	67.441	-14.5287	-2.7853	-12.9212
9	27	1973.2687	67.5305	-1.4257	-0.2773	-12.9314
9	28	1973.2712	67.5053	-14.5287	-2.7853	-12.9265
9	29	1973.2695	67.4738	-5.298	-1.0168	-12.9275
9	30	1973.272	67.4486	-18.401	-3.5248	-12.9227
9	31	1973.2695	67.5382	-5.298	-1.0168	-12.9328
9	32	1973.272	67.5129	-18.401	-3.5248	-12.928
10	1	1973.2579	-133.8547	-2.2605	-0.4339	25.6519
10	2	1973.2609	-133.8895	-18.0597	-3.4529	25.6586
10	3	1973.2579	-133.9137	-2.2605	-0.4339	25.6704
10	4	1973.2609	-133.9484	-18.0597	-3.4529	25.6771
10	5	1973.2585	-133.85	-5.4426	-1.0428	25.651
10	6	1973.2615	-133.8848	-21.2418	-4.0617	25.6577
10	7	1973.2585	-133.909	-5.4426	-1.0428	25.6695
10	8	1973.2615	-133.9438	-21.2418	-4.0617	25.6762
10	9	1973.2579	134.2344	-2.2604	-0.4339	-25.7318
10	10	1973.2609	134.1996	-18.0596	-3.4529	-25.7251
10	11	1973.2579	134.1755	-2.2604	-0.4339	-25.7132
10	12	1973.2609	134.1407	-18.0596	-3.4529	-25.7066
10	13	1973.2585	134.2391	-5.4425	-1.0428	-25.7326
10	14	1973.2615	134.2043	-21.2417	-4.0617	-25.726
10	15	1973.2585	134.1801	-5.4425	-1.0428	-25.7141
10	16	1973.2615	134.1454	-21.2417	-4.0617	-25.7075
10	17	1973.2579	-134.1454	-2.2652	-0.4348	25.7075
10	18	1973.2609	-134.1801	-18.0644	-3.4538	25.7141
10	19	1973.2579	-134.2043	-2.2652	-0.4348	25.726

10	20	1973.2609	-134.2391	-18.0644	-3.4538	25.7326
10	21	1973.2585	-134.1407	-5.4473	-1.0437	25.7066
10	22	1973.2615	-134.1755	-21.2465	-4.0627	25.7132
10	23	1973.2585	-134.1997	-5.4473	-1.0437	25.7251
10	24	1973.2615	-134.2344	-21.2465	-4.0627	25.7318
10	25	1973.2579	133.9437	-2.2651	-0.4348	-25.6762
10	26	1973.2609	133.909	-18.0643	-3.4538	-25.6695
10	27	1973.2579	133.8848	-2.2651	-0.4348	-25.6577
10	28	1973.2609	133.85	-18.0643	-3.4538	-25.651
10	29	1973.2585	133.9484	-5.4472	-1.0437	-25.6771
10	30	1973.2615	133.9137	-21.2464	-4.0626	-25.6704
10	31	1973.2585	133.8895	-5.4472	-1.0437	-25.6586
10	32	1973.2615	133.8547	-21.2464	-4.0626	-25.6519
11	1	1953.4773	-179.5056	-3.8503	-0.8554	39.8085
11	2	1953.4824	-179.5554	-26.9451	-5.9574	39.8195
11	3	1953.4773	-179.69	-3.8503	-0.8554	39.8572
11	4	1953.4824	-179.7398	-26.9451	-5.9574	39.8682
11	5	1953.478	-179.503	-6.9825	-1.546	39.808
11	6	1953.4831	-179.5529	-30.0773	-6.6479	39.8189
11	7	1953.478	-179.6874	-6.9825	-1.546	39.8566
11	8	1953.4831	-179.7373	-30.0773	-6.6479	39.8676
11	9	1953.4773	179.8954	-3.8503	-0.8554	-39.9025
11	10	1953.4824	179.8455	-26.945	-5.9573	-39.8915
11	11	1953.4773	179.711	-3.8503	-0.8554	-39.8538
11	12	1953.4824	179.6611	-26.945	-5.9573	-39.8428
11	13	1953.478	179.8979	-6.9825	-1.546	-39.903
11	14	1953.4831	179.8481	-30.0772	-6.6479	-39.892
11	15	1953.478	179.7135	-6.9825	-1.546	-39.8543
11	16	1953.4831	179.6637	-30.0772	-6.6479	-39.8433
11	17	1953.4773	-179.6637	-3.855	-0.8565	39.8433
11	18	1953.4824	-179.7135	-26.9497	-5.9584	39.8543
11	19	1953.4773	-179.8481	-3.855	-0.8565	39.892
11	20	1953.4824	-179.8979	-26.9497	-5.9584	39.903
11	21	1953.478	-179.6611	-6.9872	-1.5471	39.8428
11	22	1953.4831	-179.711	-30.0819	-6.649	39.8538
11	23	1953.478	-179.8455	-6.9872	-1.5471	39.8915
11	24	1953.4831	-179.8954	-30.0819	-6.649	39.9025
11	25	1953.4773	179.7372	-3.8549	-0.8565	-39.8676
11	26	1953.4824	179.6874	-26.9497	-5.9584	-39.8566
11	27	1953.4773	179.5529	-3.8549	-0.8565	-39.8189
11	28	1953.4824	179.503	-26.9497	-5.9584	-39.808
11	29	1953.478	179.7398	-6.9871	-1.547	-39.8682
11	30	1953.4831	179.69	-30.0819	-6.649	-39.8572
11	31	1953.478	179.5554	-6.9871	-1.547	-39.8195
11	32	1953.4831	179.5056	-30.0819	-6.649	-39.8085
12	1	1977.4993	-275.8521	-3.9418	-0.7342	51.3969
12	2	1977.5033	-275.9452	-25.4358	-4.7269	51.4142
12	3	1977.4993	-276.2848	-3.9418	-0.7342	51.4844
12	4	1977.5033	-276.3779	-25.4358	-4.7269	51.5017
12	5	1977.4997	-275.8503	-5.8625	-1.0916	51.3966
12	6	1977.5037	-275.9434	-27.3565	-5.0843	51.4139
12	7	1977.4997	-276.283	-5.8625	-1.0916	51.4841
12	8	1977.5037	-276.3761	-27.3565	-5.0843	51.5014
12	9	1977.4993	276.487	-3.9418	-0.7342	-51.522
12	10	1977.5033	276.3939	-25.4358	-4.7269	-51.5047
12	11	1977.4993	276.0543	-3.9418	-0.7342	-51.4345
12	12	1977.5033	275.9612	-25.4358	-4.7269	-51.4172
12	13	1977.4997	276.4888	-5.8625	-1.0916	-51.5223
12	14	1977.5037	276.3957	-27.3565	-5.0843	-51.505
12	15	1977.4997	276.0561	-5.8625	-1.0916	-51.4348
12	16	1977.5037	275.963	-27.3565	-5.0843	-51.4175
12	17	1977.4993	-275.963	-3.9447	-0.7348	51.4175
12	18	1977.5033	-276.0561	-25.4387	-4.7275	51.4348
12	19	1977.4993	-276.3957	-3.9447	-0.7348	51.505
12	20	1977.5033	-276.4888	-25.4387	-4.7275	51.5223
12	21	1977.4997	-275.9612	-5.8654	-1.0921	51.4172
12	22	1977.5037	-276.0543	-27.3594	-5.0848	51.4345
12	23	1977.4997	-276.3939	-5.8654	-1.0921	51.5047
12	24	1977.5037	-276.487	-27.3594	-5.0848	51.522
12	25	1977.4993	276.3761	-3.9446	-0.7347	-51.5014

12	26	1977.5033	276.283	-25.4387	-4.7275	-51.4841
12	27	1977.4993	275.9434	-3.9446	-0.7347	-51.4139
12	28	1977.5033	275.8503	-25.4387	-4.7275	-51.3966
12	29	1977.4997	276.3779	-5.8653	-1.0921	-51.5017
12	30	1977.5037	276.2848	-27.3594	-5.0848	-51.4844
12	31	1977.4997	275.9452	-5.8653	-1.0921	-51.4142
12	32	1977.5037	275.8521	-27.3594	-5.0848	-51.3969
13	1	1966.201	-323.294	-5.5253	-1.1147	65.3081
13	2	1966.2067	-323.4366	-33.839	-6.8047	65.3367
13	3	1966.201	-324.0091	-5.5253	-1.1147	65.459
13	4	1966.2067	-324.1517	-33.839	-6.8047	65.4876
13	5	1966.2013	-323.293	-7.1174	-1.4337	65.3079
13	6	1966.207	-323.4356	-35.4311	-7.1238	65.3365
13	7	1966.2013	-324.008	-7.1174	-1.4337	65.4588
13	8	1966.207	-324.1506	-35.4311	-7.1238	65.4874
13	9	1966.201	324.2167	-5.5253	-1.1147	-65.5007
13	10	1966.2067	324.0741	-33.839	-6.8047	-65.472
13	11	1966.201	323.5016	-5.5253	-1.1147	-65.3498
13	12	1966.2067	323.359	-33.839	-6.8047	-65.3211
13	13	1966.2013	324.2177	-7.1173	-1.4337	-65.5009
13	14	1966.207	324.0751	-35.431	-7.1237	-65.4722
13	15	1966.2013	323.5027	-7.1173	-1.4337	-65.35
13	16	1966.207	323.3601	-35.431	-7.1237	-65.3213
13	17	1966.201	-323.3601	-5.5277	-1.1152	65.3213
13	18	1966.2067	-323.5027	-33.8414	-6.8052	65.35
13	19	1966.201	-324.0751	-5.5277	-1.1152	65.4722
13	20	1966.2067	-324.2177	-33.8414	-6.8052	65.5009
13	21	1966.2013	-323.359	-7.1198	-1.4342	65.3211
13	22	1966.207	-323.5016	-35.4334	-7.1242	65.3498
13	23	1966.2013	-324.0741	-7.1198	-1.4342	65.472
13	24	1966.207	-324.2167	-35.4334	-7.1242	65.5007
13	25	1966.201	324.1506	-5.5277	-1.1151	-65.4874
13	26	1966.2067	324.008	-33.8413	-6.8052	-65.4588
13	27	1966.201	323.4356	-5.5277	-1.1151	-65.3365
13	28	1966.2067	323.293	-33.8413	-6.8052	-65.3079
13	29	1966.2013	324.1517	-7.1197	-1.4342	-65.4876
13	30	1966.207	324.0091	-35.4334	-7.1242	-65.459
13	31	1966.2013	323.4366	-7.1197	-1.4342	-65.3367
13	32	1966.207	323.294	-35.4334	-7.1242	-65.3081
14	1	1957.7082	-360.3517	-7.4119	-1.5853	77.4944
14	2	1957.7159	-360.564	-43.7243	-9.3407	77.5399
14	3	1957.7082	-361.4737	-7.4119	-1.5853	77.7423
14	4	1957.7159	-361.686	-43.7243	-9.3407	77.7878
14	5	1957.7084	-360.3511	-8.5877	-1.8369	77.4943
14	6	1957.7162	-360.5634	-44.9001	-9.5922	77.5397
14	7	1957.7084	-361.4731	-8.5877	-1.8369	77.7422
14	8	1957.7162	-361.6854	-44.9001	-9.5922	77.7876
14	9	1957.7082	361.7254	-7.4119	-1.5853	-77.7962
14	10	1957.7159	361.5131	-43.7243	-9.3407	-77.7507
14	11	1957.7082	360.6035	-7.4119	-1.5853	-77.5483
14	12	1957.7159	360.3912	-43.7243	-9.3407	-77.5028
14	13	1957.7084	361.7261	-8.5876	-1.8369	-77.7963
14	14	1957.7162	361.5138	-44.9001	-9.5922	-77.7508
14	15	1957.7084	360.6041	-8.5876	-1.8369	-77.5484
14	16	1957.7162	360.3918	-44.9001	-9.5922	-77.5029
14	17	1957.7082	-360.3918	-7.4137	-1.5857	77.5029
14	18	1957.7159	-360.6041	-43.7261	-9.341	77.5484
14	19	1957.7082	-361.5138	-7.4137	-1.5857	77.7508
14	20	1957.7159	-361.7261	-43.7261	-9.341	77.7963
14	21	1957.7084	-360.3912	-8.5894	-1.8373	77.5028
14	22	1957.7162	-360.6035	-44.9018	-9.5926	77.5483
14	23	1957.7084	-361.5131	-8.5894	-1.8373	77.7507
14	24	1957.7162	-361.7254	-44.9018	-9.5926	77.7962
14	25	1957.7082	361.6854	-7.4136	-1.5857	-77.7876
14	26	1957.7159	361.4731	-43.726	-9.341	-77.7422
14	27	1957.7082	360.5634	-7.4136	-1.5857	-77.5397
14	28	1957.7159	360.3511	-43.726	-9.341	-77.4943
14	29	1957.7084	361.686	-8.5894	-1.8373	-77.7878
14	30	1957.7162	361.4737	-44.9018	-9.5926	-77.7423
14	31	1957.7084	360.564	-8.5894	-1.8373	-77.5399

14	32	1957.7162	360.3517	-44.9018	-9.5926	-77.4944
15	1	1929.4466	-328.5207	-12.4992	-3.4039	89.8547
15	2	1929.4628	-328.5858	-71.9207	-19.5589	89.9034
15	3	1929.4466	-329.999	-12.4992	-3.4039	90.2661
15	4	1929.4628	-330.0641	-71.9207	-19.5589	90.3148
15	5	1929.4469	-328.5203	-13.3931	-3.646	89.8546
15	6	1929.463	-328.5855	-72.8146	-19.8011	89.9033
15	7	1929.4469	-329.9986	-13.3931	-3.646	90.266
15	8	1929.463	-330.0637	-72.8146	-19.8011	90.3147
15	9	1929.4466	330.0865	-12.4992	-3.4039	-90.3209
15	10	1929.4628	330.0214	-71.9207	-19.5589	-90.2722
15	11	1929.4466	328.6082	-12.4992	-3.4039	-89.9095
15	12	1929.4628	328.5431	-71.9207	-19.5589	-89.8608
15	13	1929.4469	330.0869	-13.3931	-3.646	-90.321
15	14	1929.463	330.0217	-72.8146	-19.8011	-90.2723
15	15	1929.4469	328.6086	-13.3931	-3.646	-89.9096
15	16	1929.463	328.5434	-72.8146	-19.8011	-89.8608
15	17	1929.4466	-328.5434	-12.5006	-3.4042	89.8608
15	18	1929.4628	-328.6086	-71.922	-19.5593	89.9096
15	19	1929.4466	-330.0217	-12.5006	-3.4042	90.2723
15	20	1929.4628	-330.0869	-71.922	-19.5593	90.321
15	21	1929.4469	-328.5431	-13.3945	-3.6464	89.8608
15	22	1929.463	-328.6082	-72.8159	-19.8014	89.9095
15	23	1929.4469	-330.0214	-13.3945	-3.6464	90.2722
15	24	1929.463	-330.0865	-72.8159	-19.8014	90.3209
15	25	1929.4466	330.0637	-12.5006	-3.4042	-90.3147
15	26	1929.4628	329.9986	-71.922	-19.5593	-90.266
15	27	1929.4466	328.5854	-12.5006	-3.4042	-89.9033
15	28	1929.4628	328.5203	-71.922	-19.5593	-89.8546
15	29	1929.4469	330.0641	-13.3945	-3.6464	-90.3148
15	30	1929.463	329.999	-72.8159	-19.8014	-90.2661
15	31	1929.4469	328.5858	-13.3945	-3.6464	-89.9034
15	32	1929.463	328.5207	-72.8159	-19.8014	-89.8547

- Caso 5 :
Nome : Caso 8
Descr. : SLU con SISMAZ PRINC
Tipo : SLU

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	1905.404	26.1805	17.169	6.0494	-11.8674
1	2	1905.3895	34.9319	58.3954	20.5824	-14.4281
1	3	1905.404	26.2697	17.1691	6.0494	-11.8846
1	4	1905.3895	35.0211	58.3955	20.5824	-14.4452
1	5	1905.4089	26.0725	3.3465	1.1556	-11.8297
1	6	1905.3944	34.8239	44.5729	15.6886	-14.3904
1	7	1905.4089	26.1617	3.3466	1.1557	-11.8469
1	8	1905.3944	34.9131	44.573	15.6887	-14.4075
1	9	1905.404	-127.013	17.1642	6.0477	42.5759
1	10	1905.3895	-118.2616	58.3906	20.5807	40.0152
1	11	1905.404	-126.9238	17.1644	6.0477	42.5587
1	12	1905.3895	-118.1724	58.3907	20.5807	39.9981
1	13	1905.4089	-127.121	3.3417	1.1539	42.6136
1	14	1905.3944	-118.3696	44.5681	15.6869	40.0529
1	15	1905.4089	-127.0318	3.3419	1.154	42.5965
1	16	1905.3944	-118.2804	44.5682	15.687	40.0358
1	17	1905.4039	118.2803	17.4895	6.1628	-40.0358
1	18	1905.3894	127.0317	58.7158	20.6958	-42.5964
1	19	1905.4039	118.3695	17.4896	6.1629	-40.0529
1	20	1905.3894	127.1209	58.716	20.6959	-42.6136
1	21	1905.4088	118.1723	3.667	1.2691	-39.998
1	22	1905.3942	126.9237	44.8933	15.8021	-42.5587
1	23	1905.4088	118.2616	3.6671	1.2691	-40.0152
1	24	1905.3942	127.013	44.8935	15.8021	-42.5759
1	25	1905.4039	-34.9132	17.4847	6.1612	14.4075
1	26	1905.3894	-26.1618	58.7111	20.6942	11.8469
1	27	1905.4039	-34.824	17.4848	6.1612	14.3904
1	28	1905.3894	-26.0726	58.7112	20.6942	11.8297

1	29	1905.4088	-35.0212	3.6622	1.2674	14.4453
1	30	1905.3942	-26.2698	44.8886	15.8004	11.8846
1	31	1905.4088	-34.932	3.6623	1.2674	14.4281
1	32	1905.3942	-26.1806	44.8887	15.8004	11.8674
2	1	1473.903	-3158.324	84.2289	102.2276	629.2123
2	2	2441.4555	-2746.0549	-72.4549	-99.6909	635.9849
2	3	1473.903	-3157.4125	84.229	102.2277	629.0084
2	4	2441.4555	-2745.1434	-72.4548	-99.6909	635.781
2	5	1473.7826	-3158.9719	71.0999	99.4478	629.3485
2	6	2441.3351	-2746.7028	-85.5838	-102.4708	636.1211
2	7	1473.7826	-3158.0605	71.1	99.4478	629.1446
2	8	2441.3351	-2745.7914	-85.5837	-102.4708	635.9172
2	9	1473.903	-3394.5654	84.2243	102.2267	680.0119
2	10	2441.4555	-2982.2963	-72.4594	-99.6919	686.7845
2	11	1473.903	-3393.654	84.2244	102.2267	679.808
2	12	2441.4555	-2981.3849	-72.4593	-99.6919	686.5806
2	13	1473.7826	-3395.2134	71.0954	99.4468	680.1481
2	14	2441.3351	-2982.9443	-85.5884	-102.4718	686.9207
2	15	1473.7826	-3394.3019	71.0955	99.4468	679.9442
2	16	2441.3351	-2982.0328	-85.5883	-102.4718	686.7168
2	17	1473.9038	2982.0261	84.5335	102.2925	-686.7154
2	18	2441.4563	3394.2952	-72.1503	-99.6261	-679.9428
2	19	1473.9038	2982.9376	84.5336	102.2925	-686.9193
2	20	2441.4563	3395.2067	-72.1502	-99.6261	-680.1467
2	21	1473.7833	2981.3782	71.4045	99.5126	-686.5792
2	22	2441.3359	3393.6473	-85.2792	-102.406	-679.8066
2	23	1473.7833	2982.2897	71.4046	99.5126	-686.7831
2	24	2441.3359	3394.5587	-85.2791	-102.406	-680.0105
2	25	1473.9038	2745.7847	84.5289	102.2915	-635.9158
2	26	2441.4563	3158.0538	-72.1548	-99.6271	-629.1432
2	27	1473.9038	2746.6962	84.5291	102.2916	-636.1197
2	28	2441.4563	3158.9652	-72.1547	-99.627	-629.347
2	29	1473.7833	2745.1367	71.4	99.5116	-635.7796
2	30	2441.3358	3157.4058	-85.2838	-102.4069	-629.007
2	31	1473.7833	2746.0482	71.4001	99.5117	-635.9835
2	32	2441.3358	3158.3173	-85.2836	-102.4069	-629.2109
3	1	1787.0897	-221.7724	-21.2583	-34.2433	27.6145
3	2	2128.2097	-37.5406	28.0912	35.6668	24.787
3	3	1787.0897	-220.4084	-21.2583	-34.2433	27.3238
3	4	2128.2097	-36.1766	28.0912	35.6668	24.4963
3	5	1787.1544	-221.2918	-33.6398	-36.8757	27.5117
3	6	2128.2745	-37.0601	15.7097	33.0344	24.6842
3	7	1787.1544	-219.9278	-33.6398	-36.8757	27.221
3	8	2128.2745	-35.6961	15.7097	33.0344	24.3934
3	9	1787.0897	-380.7866	-21.2583	-34.2433	61.752
3	10	2128.2097	-196.5549	28.0913	35.6668	58.9245
3	11	1787.0897	-379.4226	-21.2583	-34.2433	61.4612
3	12	2128.2097	-195.1909	28.0913	35.6668	58.6337
3	13	1787.1544	-380.3061	-33.6397	-36.8757	61.6492
3	14	2128.2745	-196.0743	15.7098	33.0344	58.8217
3	15	1787.1544	-378.9421	-33.6397	-36.8757	61.3584
3	16	2128.2745	-194.7103	15.7098	33.0344	58.5309
3	17	1787.09	194.7164	-21.2638	-34.2444	-58.5322
3	18	2128.2101	378.9482	28.0857	35.6657	-61.3598
3	19	1787.09	196.0804	-21.2638	-34.2444	-58.823
3	20	2128.2101	380.3122	28.0857	35.6657	-61.6505
3	21	1787.1548	195.197	-33.6453	-36.8768	-58.6351
3	22	2128.2748	379.4287	15.7043	33.0333	-61.4626
3	23	1787.1548	196.561	-33.6453	-36.8768	-58.9258
3	24	2128.2748	380.7927	15.7043	33.0333	-61.7533
3	25	1787.09	35.7022	-21.2637	-34.2444	-24.3948
3	26	2128.2101	219.9339	28.0858	35.6657	-27.2223
3	27	1787.09	37.0662	-21.2637	-34.2444	-24.6855
3	28	2128.2101	221.2979	28.0858	35.6657	-27.513
3	29	1787.1548	36.1827	-33.6452	-36.8768	-24.4976
3	30	2128.2748	220.4145	15.7043	33.0333	-27.3251
3	31	1787.1548	37.5467	-33.6452	-36.8768	-24.7883
3	32	2128.2748	221.7785	15.7043	33.0333	-27.6158
4	1	1966.1875	68.9865	7.0174	1.4063	-14.0916
4	2	1966.1898	74.9009	-4.4936	-0.9019	-15.1541

4	3	1966.1875	70.5635	7.0174	1.4063	-14.401
4	4	1966.1898	76.4779	-4.4936	-0.9019	-15.4636
4	5	1966.1894	69.0823	-2.6791	-0.5418	-14.1107
4	6	1966.1917	74.9968	-14.1902	-2.85	-15.1732
4	7	1966.1894	70.6593	-2.6791	-0.5418	-14.4201
4	8	1966.1917	76.5738	-14.1902	-2.85	-15.4827
4	9	1966.1875	-86.4355	7.0175	1.4063	17.2949
4	10	1966.1898	-80.5211	-4.4935	-0.9018	16.2323
4	11	1966.1875	-84.8585	7.0175	1.4063	16.9854
4	12	1966.1898	-78.9441	-4.4935	-0.9018	15.9229
4	13	1966.1894	-86.3397	-2.6791	-0.5418	17.2758
4	14	1966.1917	-80.4253	-14.1901	-2.8499	16.2132
4	15	1966.1894	-84.7627	-2.6791	-0.5418	16.9663
4	16	1966.1917	-78.8483	-14.1901	-2.8499	15.9038
4	17	1966.1875	78.8484	7.0131	1.4055	-15.9038
4	18	1966.1898	84.7628	-4.4979	-0.9027	-16.9664
4	19	1966.1875	80.4254	7.0131	1.4055	-16.2132
4	20	1966.1898	86.3398	-4.4979	-0.9027	-17.2758
4	21	1966.1894	78.9442	-2.6835	-0.5426	-15.9229
4	22	1966.1917	84.8586	-14.1945	-2.8508	-16.9855
4	23	1966.1894	80.5212	-2.6835	-0.5426	-16.2323
4	24	1966.1917	86.4356	-14.1945	-2.8508	-17.2949
4	25	1966.1875	-76.5737	7.0132	1.4055	15.4826
4	26	1966.1898	-70.6593	-4.4979	-0.9027	14.4201
4	27	1966.1875	-74.9967	7.0132	1.4055	15.1732
4	28	1966.1898	-69.0823	-4.4979	-0.9027	14.1107
4	29	1966.1894	-76.4779	-2.6834	-0.5426	15.4635
4	30	1966.1917	-70.5635	-14.1945	-2.8508	14.401
4	31	1966.1894	-74.9009	-2.6834	-0.5426	15.1541
4	32	1966.1917	-68.9865	-14.1945	-2.8508	14.0916
5	1	1977.5083	62.3247	7.1166	1.3201	-11.619
5	2	1977.5111	62.1757	-8.144	-1.5222	-11.589
5	3	1977.5083	63.3728	7.1166	1.3201	-11.807
5	4	1977.5111	63.2238	-8.144	-1.5222	-11.777
5	5	1977.5097	62.3814	-0.2757	-0.0524	-11.6295
5	6	1977.5125	62.2323	-15.5363	-2.8947	-11.5995
5	7	1977.5097	63.4294	-0.2757	-0.0524	-11.8175
5	8	1977.5125	63.2804	-15.5363	-2.8947	-11.7875
5	9	1977.5083	-62.6006	7.1166	1.3202	11.6566
5	10	1977.5111	-62.7496	-8.1439	-1.5222	11.6867
5	11	1977.5083	-61.5525	7.1166	1.3202	11.4686
5	12	1977.5111	-61.7015	-8.1439	-1.5222	11.4986
5	13	1977.5097	-62.544	-0.2756	-0.0524	11.6461
5	14	1977.5125	-62.693	-15.5362	-2.8947	11.6761
5	15	1977.5097	-61.4959	-0.2757	-0.0524	11.4581
5	16	1977.5125	-61.6449	-15.5362	-2.8947	11.4881
5	17	1977.5083	61.6448	7.1133	1.3195	-11.4881
5	18	1977.5111	61.4958	-8.1473	-1.5228	-11.4581
5	19	1977.5083	62.6929	7.1133	1.3195	-11.6761
5	20	1977.5111	62.5439	-8.1473	-1.5228	-11.6461
5	21	1977.5097	61.7015	-0.279	-0.053	-11.4986
5	22	1977.5125	61.5524	-15.5396	-2.8954	-11.4686
5	23	1977.5097	62.7495	-0.279	-0.053	-11.6866
5	24	1977.5125	62.6005	-15.5396	-2.8954	-11.6566
5	25	1977.5083	-63.2805	7.1133	1.3195	11.7875
5	26	1977.5111	-63.4295	-8.1472	-1.5228	11.8175
5	27	1977.5083	-62.2324	7.1133	1.3195	11.5995
5	28	1977.5111	-62.3814	-8.1472	-1.5228	11.6295
5	29	1977.5097	-63.2239	-0.279	-0.053	11.777
5	30	1977.5125	-63.3729	-15.5395	-2.8954	11.807
5	31	1977.5097	-62.1758	-0.279	-0.053	11.589
5	32	1977.5125	-62.3248	-15.5395	-2.8954	11.619
6	1	1953.4631	36.1698	10.5191	2.3185	-8.0175
6	2	1953.469	35.9904	-16.1103	-3.5552	-7.9778
6	3	1953.4631	36.7328	10.5191	2.3185	-8.1332
6	4	1953.469	36.5534	-16.1103	-3.5552	-8.0935
6	5	1953.4649	36.1998	2.5241	0.5527	-8.0241
6	6	1953.4707	36.0203	-24.1052	-5.321	-7.9844
6	7	1953.4649	36.7627	2.5241	0.5527	-8.1398
6	8	1953.4707	36.5833	-24.1052	-5.321	-8.1001

6	9	1953.4631	-36.0363	10.5191	2.3185	7.9794
6	10	1953.469	-36.2157	-16.1102	-3.5552	8.019
6	11	1953.4631	-35.4733	10.5191	2.3185	7.8637
6	12	1953.469	-35.6527	-16.1102	-3.5552	7.9033
6	13	1953.4649	-36.0063	2.5242	0.5527	7.9728
6	14	1953.4707	-36.1858	-24.1052	-5.3209	8.0124
6	15	1953.4649	-35.4434	2.5242	0.5527	7.8571
6	16	1953.4707	-35.6228	-24.1052	-5.3209	7.8967
6	17	1953.4631	35.6228	10.5155	2.3177	-7.8967
6	18	1953.469	35.4433	-16.1139	-3.556	-7.8571
6	19	1953.4631	36.1857	10.5155	2.3177	-8.0124
6	20	1953.469	36.0063	-16.1139	-3.556	-7.9728
6	21	1953.4649	35.6527	2.5205	0.5519	-7.9033
6	22	1953.4707	35.4733	-24.1088	-5.3217	-7.8637
6	23	1953.4649	36.2157	2.5205	0.5519	-8.019
6	24	1953.4707	36.0363	-24.1088	-5.3217	-7.9794
6	25	1953.4631	-36.5834	10.5156	2.3177	8.1001
6	26	1953.469	-36.7628	-16.1138	-3.556	8.1398
6	27	1953.4631	-36.0204	10.5156	2.3177	7.9844
6	28	1953.469	-36.1998	-16.1138	-3.556	8.0241
6	29	1953.4649	-36.5534	2.5206	0.552	8.0935
6	30	1953.4707	-36.7328	-24.1088	-5.3217	8.1332
6	31	1953.4649	-35.9904	2.5206	0.552	7.9778
6	32	1953.4707	-36.1698	-24.1088	-5.3217	8.0175
7	1	1966.1977	19.3986	10.8162	2.1697	-3.9164
7	2	1966.2038	19.2755	-19.5385	-3.9333	-3.8917
7	3	1966.1977	19.7517	10.8162	2.1697	-3.9799
7	4	1966.2038	19.6286	-19.5385	-3.9333	-3.9552
7	5	1966.1989	19.4181	4.8989	0.9827	-3.9203
7	6	1966.205	19.295	-25.4559	-5.1203	-3.8956
7	7	1966.1989	19.7713	4.8989	0.9827	-3.9839
7	8	1966.205	19.6482	-25.4559	-5.1203	-3.9592
7	9	1966.1977	-19.2844	10.8162	2.1697	3.8861
7	10	1966.2038	-19.4075	-19.5385	-3.9333	3.9109
7	11	1966.1977	-18.9313	10.8162	2.1697	3.8226
7	12	1966.2038	-19.0544	-19.5385	-3.9333	3.8473
7	13	1966.1989	-19.2649	4.8989	0.9827	3.8822
7	14	1966.205	-19.388	-25.4558	-5.1203	3.9069
7	15	1966.1989	-18.9117	4.8989	0.9827	3.8187
7	16	1966.205	-19.0348	-25.4558	-5.1203	3.8434
7	17	1966.1977	19.0348	10.8135	2.1691	-3.8434
7	18	1966.2038	18.9117	-19.5412	-3.9338	-3.8187
7	19	1966.1977	19.388	10.8135	2.1691	-3.9069
7	20	1966.2038	19.2649	-19.5412	-3.9338	-3.8822
7	21	1966.1989	19.0543	4.8962	0.9821	-3.8473
7	22	1966.205	18.9312	-25.4585	-5.1208	-3.8226
7	23	1966.1989	19.4075	4.8962	0.9821	-3.9108
7	24	1966.205	19.2844	-25.4585	-5.1208	-3.8861
7	25	1966.1977	-19.6482	10.8136	2.1691	3.9592
7	26	1966.2038	-19.7713	-19.5411	-3.9338	3.9839
7	27	1966.1977	-19.2951	10.8136	2.1691	3.8956
7	28	1966.2038	-19.4181	-19.5411	-3.9338	3.9203
7	29	1966.1989	-19.6287	4.8962	0.9822	3.9552
7	30	1966.205	-19.7518	-25.4585	-5.1208	3.98
7	31	1966.1989	-19.2755	4.8962	0.9822	3.8917
7	32	1966.205	-19.3986	-25.4585	-5.1208	3.9164
8	1	1969.0139	0.0981	12.3317	2.4239	-0.0171
8	2	1969.0212	0.0119	-24.7601	-4.8724	-0.0001
8	3	1969.0139	0.2925	12.3317	2.4239	-0.0479
8	4	1969.0212	0.2063	-24.7601	-4.8724	-0.0309
8	5	1969.0148	0.1103	7.4877	1.4698	-0.0195
8	6	1969.0221	0.0241	-29.604	-5.8265	-0.0026
8	7	1969.0148	0.3047	7.4877	1.4698	-0.0503
8	8	1969.0221	0.2185	-29.604	-5.8265	-0.0333
8	9	1969.0139	0.0096	12.3317	2.4239	-0.0115
8	10	1969.0212	-0.0766	-24.76	-4.8724	0.0054
8	11	1969.0139	0.204	12.3317	2.4239	-0.0423
8	12	1969.0212	0.1178	-24.76	-4.8724	-0.0254
8	13	1969.0148	0.0218	7.4877	1.4698	-0.0139
8	14	1969.0221	-0.0644	-29.604	-5.8265	0.003

8	15	1969.0148	0.2162	7.4877	1.4698	-0.0447
8	16	1969.0221	0.13	-29.604	-5.8265	-0.0278
8	17	1969.0139	-0.13	12.3295	2.4235	0.0278
8	18	1969.0212	-0.2162	-24.7622	-4.8728	0.0447
8	19	1969.0139	0.0644	12.3295	2.4235	-0.003
8	20	1969.0212	-0.0218	-24.7622	-4.8728	0.014
8	21	1969.0148	-0.1178	7.4855	1.4694	0.0254
8	22	1969.0221	-0.204	-29.6062	-5.8269	0.0423
8	23	1969.0148	0.0766	7.4855	1.4694	-0.0054
8	24	1969.0221	-0.0096	-29.6062	-5.8269	0.0115
8	25	1969.0139	-0.2185	12.3295	2.4235	0.0333
8	26	1969.0212	-0.3047	-24.7622	-4.8728	0.0503
8	27	1969.0139	-0.0241	12.3295	2.4235	0.0026
8	28	1969.0212	-0.1103	-24.7622	-4.8728	0.0195
8	29	1969.0148	-0.2063	7.4856	1.4694	0.0309
8	30	1969.0221	-0.2925	-29.6062	-5.8269	0.0479
8	31	1969.0148	-0.0119	7.4856	1.4694	0.0002
8	32	1969.0221	-0.0981	-29.6062	-5.8269	0.0171
9	1	1973.2658	-20.2408	13.8648	2.6494	3.8735
9	2	1973.2742	-20.3249	-29.8118	-5.7106	3.8895
9	3	1973.2658	-20.1765	13.8648	2.6494	3.8682
9	4	1973.2742	-20.2606	-29.8118	-5.7106	3.8842
9	5	1973.2665	-20.2332	9.9925	1.9099	3.872
9	6	1973.2749	-20.3172	-33.6841	-6.4501	3.8881
9	7	1973.2665	-20.1689	9.9925	1.9099	3.8667
9	8	1973.2749	-20.2529	-33.6841	-6.4501	3.8828
9	9	1973.2658	20.3961	13.8648	2.6494	-3.9101
9	10	1973.2742	20.312	-29.8118	-5.7106	-3.894
9	11	1973.2658	20.4604	13.8648	2.6494	-3.9154
9	12	1973.2742	20.3763	-29.8118	-5.7106	-3.8994
9	13	1973.2665	20.4038	9.9925	1.9099	-3.9116
9	14	1973.2749	20.3197	-33.6841	-6.4501	-3.8955
9	15	1973.2665	20.4681	9.9925	1.9099	-3.9169
9	16	1973.2749	20.384	-33.6841	-6.4501	-3.9008
9	17	1973.2658	-20.384	13.863	2.6491	3.9008
9	18	1973.2742	-20.4681	-29.8136	-5.7109	3.9169
9	19	1973.2658	-20.3197	13.863	2.6491	3.8955
9	20	1973.2742	-20.4038	-29.8136	-5.7109	3.9116
9	21	1973.2665	-20.3763	9.9907	1.9096	3.8994
9	22	1973.2749	-20.4604	-33.6858	-6.4504	3.9154
9	23	1973.2665	-20.312	9.9907	1.9096	3.894
9	24	1973.2749	-20.3961	-33.6858	-6.4504	3.9101
9	25	1973.2658	20.2529	13.8631	2.6491	-3.8828
9	26	1973.2742	20.1689	-29.8135	-5.7109	-3.8667
9	27	1973.2658	20.3172	13.8631	2.6491	-3.8881
9	28	1973.2742	20.2332	-29.8135	-5.7109	-3.872
9	29	1973.2665	20.2606	9.9908	1.9096	-3.8842
9	30	1973.2749	20.1765	-33.6858	-6.4504	-3.8682
9	31	1973.2665	20.3249	9.9908	1.9096	-3.8895
9	32	1973.2749	20.2408	-33.6858	-6.4504	-3.8735
10	1	1973.2544	-40.0847	16.1703	3.0879	7.6793
10	2	1973.2644	-40.2006	-36.4937	-6.9753	7.7015
10	3	1973.2544	-40.1436	16.1703	3.0879	7.6978
10	4	1973.2644	-40.2595	-36.4937	-6.9753	7.72
10	5	1973.255	-40.08	12.9882	2.4791	7.6784
10	6	1973.265	-40.1959	-39.6758	-7.5842	7.7006
10	7	1973.255	-40.139	12.9882	2.4791	7.697
10	8	1973.265	-40.2548	-39.6758	-7.5842	7.7191
10	9	1973.2544	40.342	16.1703	3.0879	-7.7358
10	10	1973.2644	40.2262	-36.4937	-6.9753	-7.7136
10	11	1973.2544	40.2831	16.1703	3.0879	-7.7173
10	12	1973.2644	40.1672	-36.4937	-6.9753	-7.6951
10	13	1973.255	40.3467	12.9882	2.4791	-7.7367
10	14	1973.265	40.2308	-39.6758	-7.5842	-7.7145
10	15	1973.255	40.2878	12.9882	2.4791	-7.7181
10	16	1973.265	40.1719	-39.6758	-7.5842	-7.696
10	17	1973.2544	-40.1719	16.1689	3.0877	7.696
10	18	1973.2644	-40.2878	-36.4951	-6.9756	7.7181
10	19	1973.2544	-40.2308	16.1689	3.0877	7.7145
10	20	1973.2644	-40.3467	-36.4951	-6.9756	7.7367

10	21	1973.255	-40.1672	12.9868	2.4788	7.6951
10	22	1973.265	-40.2831	-39.6772	-7.5845	7.7173
10	23	1973.255	-40.2262	12.9868	2.4788	7.7136
10	24	1973.265	-40.342	-39.6772	-7.5845	7.7358
10	25	1973.2544	40.2548	16.1689	3.0877	-7.7191
10	26	1973.2644	40.139	-36.4951	-6.9756	-7.697
10	27	1973.2544	40.1959	16.1689	3.0877	-7.7006
10	28	1973.2644	40.08	-36.4951	-6.9756	-7.6784
10	29	1973.255	40.2595	12.9868	2.4788	-7.72
10	30	1973.265	40.1436	-39.6772	-7.5845	-7.6978
10	31	1973.255	40.2006	12.9868	2.4788	-7.7015
10	32	1973.265	40.0847	-39.6772	-7.5845	-7.6793
11	1	1953.4713	-53.7125	23.0919	5.0964	11.9091
11	2	1953.4883	-53.8785	-53.8905	-11.91	11.9457
11	3	1953.4713	-53.8968	23.0919	5.0964	11.9577
11	4	1953.4883	-54.0629	-53.8905	-11.91	11.9944
11	5	1953.472	-53.7099	19.9597	4.4059	11.9085
11	6	1953.489	-53.876	-57.0227	-12.6005	11.9451
11	7	1953.472	-53.8943	19.9597	4.4059	11.9572
11	8	1953.489	-54.0604	-57.0227	-12.6005	11.9938
11	9	1953.4713	54.1078	23.0919	5.0964	-12.0042
11	10	1953.4883	53.9417	-53.8905	-11.9099	-11.9676
11	11	1953.4713	53.9234	23.0919	5.0964	-11.9555
11	12	1953.4883	53.7573	-53.8905	-11.9099	-11.9189
11	13	1953.472	54.1104	19.9597	4.4059	-12.0048
11	14	1953.489	53.9443	-57.0227	-12.6005	-11.9682
11	15	1953.472	53.926	19.9597	4.4059	-11.9561
11	16	1953.489	53.7599	-57.0227	-12.6005	-11.9195
11	17	1953.4713	-53.7599	23.0905	5.0961	11.9195
11	18	1953.4883	-53.926	-53.8919	-11.9103	11.9561
11	19	1953.4713	-53.9443	23.0905	5.0961	11.9682
11	20	1953.4883	-54.1104	-53.8919	-11.9103	12.0048
11	21	1953.472	-53.7573	19.9583	4.4055	11.9189
11	22	1953.489	-53.9234	-57.0241	-12.6008	11.9555
11	23	1953.472	-53.9417	19.9583	4.4055	11.9676
11	24	1953.489	-54.1078	-57.0241	-12.6008	12.0042
11	25	1953.4713	54.0604	23.0905	5.0961	-11.9938
11	26	1953.4883	53.8943	-53.8919	-11.9103	-11.9572
11	27	1953.4713	53.876	23.0905	5.0961	-11.9451
11	28	1953.4883	53.7099	-53.8919	-11.9103	-11.9085
11	29	1953.472	54.0629	19.9583	4.4056	-11.9944
11	30	1953.489	53.8968	-57.0241	-12.6008	-11.9577
11	31	1953.472	53.8785	19.9583	4.4056	-11.9457
11	32	1953.489	53.7125	-57.0241	-12.6008	-11.9091
12	1	1977.4947	-82.4636	21.1336	3.9238	15.3623
12	2	1977.508	-82.7739	-50.5132	-9.3853	15.42
12	3	1977.4947	-82.8963	21.1336	3.9238	15.4498
12	4	1977.508	-83.2066	-50.5132	-9.3853	15.5075
12	5	1977.495	-82.4618	19.2129	3.5664	15.362
12	6	1977.5083	-82.7721	-52.4339	-9.7427	15.4197
12	7	1977.495	-82.8946	19.2129	3.5664	15.4495
12	8	1977.5083	-83.2048	-52.4339	-9.7427	15.5071
12	9	1977.4947	83.2381	21.1336	3.9238	-15.5133
12	10	1977.508	82.9278	-50.5132	-9.3853	-15.4557
12	11	1977.4947	82.8054	21.1336	3.9238	-15.4259
12	12	1977.508	82.4951	-50.5132	-9.3853	-15.3682
12	13	1977.495	83.2399	19.2129	3.5664	-15.5137
12	14	1977.5083	82.9296	-52.4339	-9.7427	-15.456
12	15	1977.495	82.8072	19.2129	3.5664	-15.4262
12	16	1977.5083	82.4969	-52.4339	-9.7427	-15.3685
12	17	1977.4947	-82.4969	21.1327	3.9236	15.3685
12	18	1977.508	-82.8072	-50.514	-9.3855	15.4262
12	19	1977.4947	-82.9296	21.1327	3.9236	15.456
12	20	1977.508	-83.2399	-50.514	-9.3855	15.5137
12	21	1977.495	-82.4951	19.212	3.5663	15.3682
12	22	1977.5083	-82.8054	-52.4348	-9.7428	15.4259
12	23	1977.495	-82.9278	19.212	3.5663	15.4557
12	24	1977.5083	-83.2381	-52.4348	-9.7428	15.5133
12	25	1977.4947	83.2048	21.1327	3.9236	-15.5071
12	26	1977.508	82.8946	-50.514	-9.3855	-15.4495

12	27	1977.4947	82.7721	21.1327	3.9236	-15.4197
12	28	1977.508	82.4618	-50.514	-9.3855	-15.362
12	29	1977.495	83.2066	19.212	3.5663	-15.5075
12	30	1977.5083	82.8963	-52.4347	-9.7428	-15.4498
12	31	1977.495	82.7739	19.212	3.5663	-15.42
12	32	1977.5083	82.4636	-52.4347	-9.7428	-15.3623
13	1	1966.1943	-96.522	27.5065	5.5235	19.4963
13	2	1966.2133	-96.9974	-66.8724	-13.4432	19.5917
13	3	1966.1943	-97.2371	27.5065	5.5235	19.6472
13	4	1966.2133	-97.7125	-66.8724	-13.4432	19.7426
13	5	1966.1947	-96.521	25.9144	5.2044	19.4961
13	6	1966.2136	-96.9963	-68.4645	-13.7623	19.5915
13	7	1966.1947	-97.236	25.9144	5.2044	19.6469
13	8	1966.2136	-97.7114	-68.4645	-13.7623	19.7424
13	9	1966.1943	97.7312	27.5065	5.5235	-19.7464
13	10	1966.2133	97.2558	-66.8724	-13.4432	-19.6509
13	11	1966.1943	97.0161	27.5065	5.5235	-19.5955
13	12	1966.2133	96.5408	-66.8724	-13.4432	-19.5
13	13	1966.1947	97.7323	25.9144	5.2044	-19.7466
13	14	1966.2136	97.2569	-68.4645	-13.7623	-19.6511
13	15	1966.1947	97.0172	25.9144	5.2044	-19.5957
13	16	1966.2136	96.5418	-68.4645	-13.7623	-19.5002
13	17	1966.1943	-96.5418	27.5058	5.5234	19.5002
13	18	1966.2133	-97.0172	-66.8732	-13.4433	19.5957
13	19	1966.1943	-97.2569	27.5058	5.5234	19.6511
13	20	1966.2133	-97.7323	-66.8732	-13.4433	19.7466
13	21	1966.1947	-96.5408	25.9137	5.2043	19.5
13	22	1966.2136	-97.0161	-68.4652	-13.7624	19.5955
13	23	1966.1947	-97.2558	25.9137	5.2043	19.6509
13	24	1966.2136	-97.7312	-68.4652	-13.7624	19.7464
13	25	1966.1943	97.7114	27.5058	5.5234	-19.7424
13	26	1966.2133	97.236	-66.8731	-13.4433	-19.6469
13	27	1966.1943	96.9963	27.5058	5.5234	-19.5915
13	28	1966.2133	96.5209	-66.8731	-13.4433	-19.4961
13	29	1966.1947	97.7125	25.9137	5.2043	-19.7426
13	30	1966.2136	97.2371	-68.4652	-13.7624	-19.6472
13	31	1966.1947	96.9974	25.9137	5.2043	-19.5917
13	32	1966.2136	96.522	-68.4652	-13.7624	-19.4963
14	1	1957.6991	-107.3911	34.952	7.4624	23.0926
14	2	1957.725	-108.0987	-86.0894	-18.3887	23.2442
14	3	1957.6991	-108.513	34.952	7.4624	23.3405
14	4	1957.725	-109.2207	-86.0894	-18.3887	23.4921
14	5	1957.6994	-107.3904	33.7762	7.2109	23.0925
14	6	1957.7252	-108.0981	-87.2652	-18.6403	23.2441
14	7	1957.6994	-108.5124	33.7762	7.2109	23.3404
14	8	1957.7252	-109.2201	-87.2652	-18.6403	23.492
14	9	1957.6991	109.2321	34.952	7.4624	-23.4946
14	10	1957.725	108.5244	-86.0894	-18.3887	-23.3429
14	11	1957.6991	108.1101	34.952	7.4624	-23.2467
14	12	1957.725	107.4024	-86.0894	-18.3887	-23.0951
14	13	1957.6994	109.2327	33.7762	7.2109	-23.4947
14	14	1957.7252	108.5251	-87.2652	-18.6403	-23.3431
14	15	1957.6994	108.1107	33.7762	7.2109	-23.2468
14	16	1957.7252	107.4031	-87.2652	-18.6403	-23.0952
14	17	1957.6991	-107.4031	34.9515	7.4623	23.0952
14	18	1957.725	-108.1107	-86.0899	-18.3888	23.2468
14	19	1957.6991	-108.5251	34.9515	7.4623	23.3431
14	20	1957.725	-109.2327	-86.0899	-18.3888	23.4947
14	21	1957.6994	-107.4024	33.7757	7.2107	23.0951
14	22	1957.7252	-108.1101	-87.2657	-18.6404	23.2467
14	23	1957.6994	-108.5244	33.7757	7.2107	23.3429
14	24	1957.7252	-109.2321	-87.2657	-18.6404	23.4946
14	25	1957.6991	109.2201	34.9515	7.4623	-23.492
14	26	1957.725	108.5124	-86.0899	-18.3888	-23.3404
14	27	1957.6991	108.0981	34.9515	7.4623	-23.2441
14	28	1957.725	107.3904	-86.0899	-18.3888	-23.0925
14	29	1957.6994	109.2207	33.7757	7.2107	-23.4921
14	30	1957.7252	108.513	-87.2657	-18.6404	-23.3405
14	31	1957.6994	108.0987	33.7757	7.2107	-23.2442
14	32	1957.7252	107.3911	-87.2657	-18.6404	-23.0926

15	1	1929.4278	-97.9401	56.8253	15.4435	26.7385
15	2	1929.4816	-98.1573	-141.2461	-38.4066	26.901
15	3	1929.4278	-99.4184	56.8253	15.4435	27.15
15	4	1929.4816	-99.6356	-141.2461	-38.4066	27.3124
15	5	1929.428	-97.9397	55.9314	15.2014	26.7384
15	6	1929.4819	-98.1569	-142.14	-38.6488	26.9009
15	7	1929.428	-99.418	55.9314	15.2014	27.1499
15	8	1929.4819	-99.6352	-142.14	-38.6488	27.3123
15	9	1929.4278	99.642	56.8253	15.4435	-27.3141
15	10	1929.4816	99.4249	-141.2461	-38.4066	-27.1517
15	11	1929.4278	98.1637	56.8253	15.4435	-26.9027
15	12	1929.4816	97.9466	-141.2461	-38.4066	-26.7403
15	13	1929.428	99.6424	55.9314	15.2014	-27.3142
15	14	1929.4819	99.4252	-142.14	-38.6488	-27.1518
15	15	1929.428	98.1641	55.9314	15.2014	-26.9028
15	16	1929.4819	97.9469	-142.14	-38.6488	-26.7404
15	17	1929.4278	-97.9469	56.8249	15.4434	26.7404
15	18	1929.4816	-98.1641	-141.2465	-38.4067	26.9028
15	19	1929.4278	-99.4252	56.8249	15.4434	27.1518
15	20	1929.4816	-99.6424	-141.2465	-38.4067	27.3142
15	21	1929.428	-97.9466	55.931	15.2013	26.7403
15	22	1929.4819	-98.1637	-142.1404	-38.6489	26.9027
15	23	1929.428	-99.4249	55.931	15.2013	27.1517
15	24	1929.4819	-99.642	-142.1404	-38.6489	27.3141
15	25	1929.4278	99.6352	56.8249	15.4434	-27.3123
15	26	1929.4816	99.418	-141.2465	-38.4067	-27.1499
15	27	1929.4278	98.1569	56.8249	15.4434	-26.9009
15	28	1929.4816	97.9397	-141.2465	-38.4067	-26.7384
15	29	1929.428	99.6356	55.931	15.2013	-27.3124
15	30	1929.4819	99.4184	-142.1404	-38.6489	-27.15
15	31	1929.428	98.1573	55.931	15.2013	-26.901
15	32	1929.4819	97.9401	-142.1404	-38.6489	-26.7385

- Caso 6 :
Nome : Caso 9
Descr. : SLD con SISMAX PRINC
Tipo : SLD

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	1905.397	10.3306	36.9224	13.0148	-4.514
1	2	1905.3955	11.2574	41.2882	14.5538	-4.7852
1	3	1905.397	-43.7467	36.9207	13.0142	14.7045
1	4	1905.3955	-42.8199	41.2865	14.5532	14.4333
1	5	1905.397	42.8419	37.0355	13.0548	-14.4575
1	6	1905.3955	43.7687	41.4014	14.5939	-14.7286
1	7	1905.397	-11.2354	37.0338	13.0542	4.761
1	8	1905.3955	-10.3087	41.3997	14.5933	4.4899
1	9	1905.397	10.4356	36.9225	13.0148	-4.5342
1	10	1905.3955	11.3624	41.2884	14.5539	-4.8054
1	11	1905.397	-43.6417	36.9208	13.0142	14.6843
1	12	1905.3955	-42.7149	41.2867	14.5533	14.4131
1	13	1905.397	42.9468	37.0356	13.0549	-14.4776
1	14	1905.3955	43.8736	41.4015	14.5939	-14.7488
1	15	1905.397	-11.1305	37.0339	13.0543	4.7408
1	16	1905.3955	-10.2037	41.3998	14.5933	4.4697
1	17	1905.4028	10.2036	20.6579	7.2565	-4.4696
1	18	1905.4013	11.1304	25.0238	8.7955	-4.7408
1	19	1905.4028	-43.8737	20.6562	7.2559	14.7488
1	20	1905.4013	-42.9469	25.0221	8.7949	14.4777
1	21	1905.4028	42.7148	20.771	7.2965	-14.4131
1	22	1905.4012	43.6416	25.1369	8.8356	-14.6842
1	23	1905.4028	-11.3625	20.7693	7.2959	4.8054
1	24	1905.4012	-10.4357	25.1352	8.835	4.5342
1	25	1905.4028	10.3086	20.658	7.2565	-4.4898
1	26	1905.4013	11.2354	25.0239	8.7956	-4.761
1	27	1905.4028	-43.7687	20.6564	7.2559	14.7287
1	28	1905.4013	-42.842	25.0222	8.795	14.4575
1	29	1905.4028	42.8198	20.7712	7.2966	-14.4333

1	30	1905.4012	43.7466	25.137	8.8356	-14.7044
1	31	1905.4028	-11.2575	20.7695	7.296	4.7852
1	32	1905.4012	-10.3307	25.1354	8.835	4.5141
2	1	1906.4583	-1064.0632	15.4402	12.2262	222.977
2	2	2008.9221	-1020.4039	-1.1526	-9.157	223.6942
2	3	1906.4583	-1147.4564	15.4386	12.2258	240.9093
2	4	2008.9221	-1103.7972	-1.1542	-9.1574	241.6265
2	5	1906.4586	1103.4804	15.5477	12.2491	-241.5454
2	6	2008.9224	1147.1397	-1.0451	-9.1341	-240.8282
2	7	1906.4585	1020.0871	15.5461	12.2487	-223.6132
2	8	2008.9224	1063.7464	-1.0467	-9.1345	-222.896
2	9	1906.4583	-1062.9907	15.4403	12.2262	222.7371
2	10	2008.9221	-1019.3314	-1.1525	-9.157	223.4543
2	11	1906.4583	-1146.3839	15.4387	12.2258	240.6694
2	12	2008.9221	-1102.7247	-1.1541	-9.1573	241.3866
2	13	1906.4586	1104.5529	15.5478	12.2491	-241.7853
2	14	2008.9224	1148.2122	-1.045	-9.1341	-241.0681
2	15	1906.4585	1021.1596	15.5462	12.2487	-223.8531
2	16	2008.9224	1064.8189	-1.0466	-9.1344	-223.1359
2	17	1906.3165	-1064.8256	-0.0082	8.9552	223.1373
2	18	2008.7803	-1021.1663	-16.601	-12.428	223.8545
2	19	1906.3165	-1148.2189	-0.0098	8.9548	241.0696
2	20	2008.7803	-1104.5596	-16.6026	-12.4284	241.7868
2	21	1906.3168	1102.718	0.0993	8.978	-241.3852
2	22	2008.7806	1146.3773	-16.4935	-12.4051	-240.668
2	23	1906.3168	1019.3247	0.0977	8.9777	-223.4529
2	24	2008.7806	1062.984	-16.4951	-12.4055	-222.7357
2	25	1906.3165	-1063.7531	-0.0081	8.9552	222.8974
2	26	2008.7803	-1020.0938	-16.6009	-12.428	223.6146
2	27	1906.3165	-1147.1464	-0.0097	8.9548	240.8297
2	28	2008.7803	-1103.4871	-16.6025	-12.4283	241.5469
2	29	1906.3168	1103.7905	0.0994	8.9781	-241.6251
2	30	2008.7806	1147.4498	-16.4934	-12.4051	-240.9079
2	31	1906.3168	1020.3972	0.0978	8.9777	-223.6928
2	32	2008.7806	1064.0565	-16.495	-12.4054	-222.9756
3	1	1939.5818	-56.2815	1.8953	-2.7578	9.5603
3	2	1975.7064	-36.7713	7.1214	4.6457	9.2608
3	3	1939.5818	-112.4135	1.8954	-2.7578	21.6108
3	4	1975.7064	-92.9034	7.1215	4.6457	21.3114
3	5	1939.5819	90.7391	1.8934	-2.7582	-20.8496
3	6	1975.7065	110.2492	7.1195	4.6453	-21.149
3	7	1939.5819	34.607	1.8934	-2.7582	-8.799
3	8	1975.7065	54.1172	7.1195	4.6453	-9.0985
3	9	1939.5818	-54.6765	1.8953	-2.7578	9.2181
3	10	1975.7064	-35.1664	7.1214	4.6457	8.9187
3	11	1939.5818	-110.8085	1.8954	-2.7578	21.2686
3	12	1975.7064	-91.2984	7.1215	4.6457	20.9692
3	13	1939.5819	92.344	1.8934	-2.7582	-21.1917
3	14	1975.7065	111.8542	7.1195	4.6453	-21.4911
3	15	1939.5819	36.212	1.8934	-2.7582	-9.1412
3	16	1975.7065	55.7222	7.1195	4.6453	-9.4406
3	17	1939.658	-55.7161	-12.6735	-5.8553	9.4393
3	18	1975.7826	-36.2059	-7.4474	1.5482	9.1399
3	19	1939.658	-111.8481	-12.6735	-5.8552	21.4898
3	20	1975.7826	-92.3379	-7.4474	1.5482	21.1904
3	21	1939.6581	91.3045	-12.6755	-5.8556	-20.9705
3	22	1975.7827	110.8146	-7.4494	1.5478	-21.27
3	23	1939.6581	35.1725	-12.6754	-5.8556	-8.92
3	24	1975.7827	54.6826	-7.4493	1.5478	-9.2194
3	25	1939.658	-54.1111	-12.6735	-5.8553	9.0971
3	26	1975.7826	-34.6009	-7.4474	1.5482	8.7977
3	27	1939.658	-110.2431	-12.6735	-5.8552	21.1477
3	28	1975.7826	-90.733	-7.4474	1.5482	20.8482
3	29	1939.6581	92.9095	-12.6755	-5.8556	-21.3127
3	30	1975.7827	112.4196	-7.4494	1.5478	-21.6121
3	31	1939.6581	36.7774	-12.6754	-5.8556	-9.2621
3	32	1975.7827	56.2876	-7.4493	1.5478	-9.5616
4	1	1966.1883	24.3941	2.7266	0.5463	-4.9703
4	2	1966.1886	25.0204	1.5076	0.3018	-5.0828
4	3	1966.1883	-30.4699	2.7266	0.5463	6.1091

4	4	1966.1886	-29.8436	1.5076	0.3018	5.9966
4	5	1966.1883	27.8753	2.725	0.546	-5.61
4	6	1966.1886	28.5016	1.506	0.3015	-5.7226
4	7	1966.1883	-26.9887	2.7251	0.546	5.4694
4	8	1966.1886	-26.3623	1.506	0.3015	5.3569
4	9	1966.1883	26.2497	2.7266	0.5463	-5.3344
4	10	1966.1886	26.876	1.5075	0.3018	-5.4469
4	11	1966.1883	-28.6143	2.7266	0.5463	5.745
4	12	1966.1886	-27.988	1.5076	0.3018	5.6325
4	13	1966.1883	29.7309	2.725	0.546	-5.9741
4	14	1966.1886	30.3573	1.506	0.3015	-6.0866
4	15	1966.1883	-25.1331	2.7251	0.546	5.1053
4	16	1966.1886	-24.5067	1.506	0.3015	4.9928
4	17	1966.1906	24.5068	-8.6831	-1.746	-4.9928
4	18	1966.1909	25.1331	-9.9021	-1.9904	-5.1053
4	19	1966.1906	-30.3572	-8.683	-1.746	6.0866
4	20	1966.1909	-29.7308	-9.9021	-1.9904	5.9741
4	21	1966.1906	27.988	-8.6846	-1.7463	-5.6325
4	22	1966.1909	28.6144	-9.9036	-1.9908	-5.745
4	23	1966.1906	-26.8759	-8.6846	-1.7463	5.4469
4	24	1966.1909	-26.2496	-9.9036	-1.9907	5.3344
4	25	1966.1906	26.3624	-8.6831	-1.746	-5.3569
4	26	1966.1909	26.9888	-9.9021	-1.9904	-5.4694
4	27	1966.1906	-28.5016	-8.683	-1.746	5.7225
4	28	1966.1909	-27.8752	-9.9021	-1.9904	5.61
4	29	1966.1906	29.8436	-8.6846	-1.7463	-5.9966
4	30	1966.1909	30.47	-9.9036	-1.9908	-6.1091
4	31	1966.1906	-25.0203	-8.6846	-1.7463	5.0828
4	32	1966.1909	-24.394	-9.9036	-1.9907	4.9703
5	1	1977.5094	21.5273	0.9463	0.1705	-4.016
5	2	1977.5097	21.5115	-0.6698	-0.1305	-4.0129
5	3	1977.5094	-22.5714	0.9463	0.1705	4.2003
5	4	1977.5097	-22.5872	-0.6698	-0.1305	4.2034
5	5	1977.5094	21.2873	0.9451	0.1703	-3.9698
5	6	1977.5097	21.2715	-0.671	-0.1307	-3.9667
5	7	1977.5094	-22.8114	0.9451	0.1703	4.2465
5	8	1977.5097	-22.8272	-0.671	-0.1307	4.2496
5	9	1977.5094	22.7605	0.9463	0.1705	-4.2373
5	10	1977.5097	22.7447	-0.6698	-0.1305	-4.2341
5	11	1977.5094	-21.3381	0.9463	0.1705	3.979
5	12	1977.5097	-21.3539	-0.6698	-0.1305	3.9822
5	13	1977.5094	22.5205	0.9451	0.1703	-4.1911
5	14	1977.5097	22.5047	-0.671	-0.1307	-4.1879
5	15	1977.5094	-21.5781	0.9451	0.1703	4.0252
5	16	1977.5097	-21.5939	-0.671	-0.1307	4.0284
5	17	1977.511	21.5939	-7.752	-1.4445	-4.0284
5	18	1977.5113	21.5781	-9.3681	-1.7455	-4.0252
5	19	1977.511	-22.5048	-7.752	-1.4445	4.1879
5	20	1977.5113	-22.5206	-9.368	-1.7455	4.1911
5	21	1977.511	21.3539	-7.7531	-1.4447	-3.9822
5	22	1977.5113	21.3381	-9.3692	-1.7457	-3.979
5	23	1977.511	-22.7448	-7.7531	-1.4447	4.2341
5	24	1977.5113	-22.7606	-9.3692	-1.7457	4.2373
5	25	1977.511	22.8271	-7.752	-1.4445	-4.2496
5	26	1977.5113	22.8113	-9.3681	-1.7455	-4.2465
5	27	1977.511	-21.2715	-7.752	-1.4445	3.9667
5	28	1977.5113	-21.2873	-9.368	-1.7455	3.9698
5	29	1977.511	22.5871	-7.7531	-1.4447	-4.2034
5	30	1977.5113	22.5713	-9.3692	-1.7457	-4.2003
5	31	1977.511	-21.5115	-7.7531	-1.4447	4.0129
5	32	1977.5113	-21.5273	-9.3692	-1.7457	4.016
6	1	1953.4656	12.5016	-0.6805	-0.1516	-2.7749
6	2	1953.4662	12.4826	-3.5005	-0.7737	-2.7707
6	3	1953.4656	-12.9872	-0.6805	-0.1516	2.872
6	4	1953.4662	-13.0062	-3.5005	-0.7737	2.8762
6	5	1953.4656	12.3085	-0.6817	-0.1519	-2.7323
6	6	1953.4662	12.2895	-3.5018	-0.7739	-2.7281
6	7	1953.4656	-13.1803	-0.6817	-0.1519	2.9146
6	8	1953.4662	-13.1993	-3.5018	-0.7739	2.9188
6	9	1953.4656	13.164	-0.6805	-0.1516	-2.9111

6	10	1953.4662	13.145	-3.5005	-0.7737	-2.9069
6	11	1953.4656	-12.3247	-0.6805	-0.1516	2.7358
6	12	1953.4662	-12.3437	-3.5005	-0.7737	2.74
6	13	1953.4656	12.9709	-0.6818	-0.1519	-2.8684
6	14	1953.4662	12.9519	-3.5018	-0.7739	-2.8642
6	15	1953.4656	-12.5179	-0.6817	-0.1519	2.7785
6	16	1953.4662	-12.5369	-3.5018	-0.7739	2.7827
6	17	1953.4676	12.5368	-10.0879	-2.2293	-2.7827
6	18	1953.4683	12.5178	-12.908	-2.8513	-2.7785
6	19	1953.4676	-12.9519	-10.0879	-2.2293	2.8642
6	20	1953.4683	-12.9709	-12.9079	-2.8513	2.8684
6	21	1953.4676	12.3437	-10.0892	-2.2296	-2.74
6	22	1953.4683	12.3247	-12.9092	-2.8516	-2.7358
6	23	1953.4676	-13.145	-10.0891	-2.2296	2.9069
6	24	1953.4683	-13.164	-12.9092	-2.8516	2.9111
6	25	1953.4676	13.1993	-10.0879	-2.2293	-2.9188
6	26	1953.4683	13.1803	-12.908	-2.8513	-2.9146
6	27	1953.4676	-12.2895	-10.0879	-2.2293	2.7281
6	28	1953.4683	-12.3085	-12.9079	-2.8513	2.7323
6	29	1953.4676	13.0062	-10.0892	-2.2296	-2.8762
6	30	1953.4683	12.9872	-12.9092	-2.8516	-2.872
6	31	1953.4676	-12.4826	-10.0891	-2.2296	2.7707
6	32	1953.4683	-12.5016	-12.9092	-2.8516	2.7749
7	1	1966.2003	6.679	-2.232	-0.454	-1.3517
7	2	1966.201	6.666	-5.4466	-1.1003	-1.349
7	3	1966.2003	-6.9761	-2.232	-0.454	1.4026
7	4	1966.201	-6.9891	-5.4466	-1.1003	1.4053
7	5	1966.2003	6.5506	-2.233	-0.4542	-1.3259
7	6	1966.201	6.5376	-5.4475	-1.1005	-1.3233
7	7	1966.2003	-7.1045	-2.2329	-0.4542	1.4284
7	8	1966.201	-7.1175	-5.4475	-1.1005	1.431
7	9	1966.2003	7.0945	-2.232	-0.454	-1.4264
7	10	1966.201	7.0815	-5.4466	-1.1003	-1.4238
7	11	1966.2003	-6.5606	-2.232	-0.454	1.3279
7	12	1966.201	-6.5736	-5.4466	-1.1003	1.3305
7	13	1966.2003	6.9661	-2.233	-0.4542	-1.4007
7	14	1966.201	6.9531	-5.4475	-1.1005	-1.398
7	15	1966.2003	-6.689	-2.2329	-0.4542	1.3536
7	16	1966.201	-6.702	-5.4475	-1.1005	1.3563
7	17	1966.2017	6.702	-9.1948	-1.8507	-1.3563
7	18	1966.2024	6.689	-12.4093	-2.497	-1.3536
7	19	1966.2017	-6.9531	-9.1947	-1.8507	1.398
7	20	1966.2024	-6.9661	-12.4093	-2.497	1.4007
7	21	1966.2017	6.5736	-9.1957	-1.8509	-1.3305
7	22	1966.2024	6.5605	-12.4103	-2.4972	-1.3279
7	23	1966.2017	-7.0815	-9.1957	-1.8509	1.4238
7	24	1966.2024	-7.0946	-12.4102	-2.4972	1.4264
7	25	1966.2017	7.1175	-9.1948	-1.8507	-1.431
7	26	1966.2024	7.1045	-12.4093	-2.497	-1.4284
7	27	1966.2017	-6.5376	-9.1947	-1.8507	1.3233
7	28	1966.2024	-6.5506	-12.4093	-2.497	1.3259
7	29	1966.2017	6.9891	-9.1957	-1.8509	-1.4053
7	30	1966.2024	6.9761	-12.4103	-2.4972	-1.4026
7	31	1966.2017	-6.666	-9.1957	-1.8509	1.349
7	32	1966.2024	-6.679	-12.4102	-2.4972	1.3517
8	1	1969.0171	-0.0611	-3.823	-0.7538	0.0097
8	2	1969.0178	-0.0702	-7.751	-1.5264	0.0115
8	3	1969.0171	-0.0924	-3.823	-0.7538	0.0117
8	4	1969.0178	-0.1015	-7.751	-1.5264	0.0135
8	5	1969.0171	-0.1416	-3.8238	-0.7539	0.0256
8	6	1969.0178	-0.1508	-7.7518	-1.5266	0.0274
8	7	1969.0171	-0.1729	-3.8238	-0.7539	0.0275
8	8	1969.0178	-0.182	-7.7518	-1.5266	0.0293
8	9	1969.0171	0.1676	-3.823	-0.7538	-0.0265
8	10	1969.0178	0.1585	-7.751	-1.5264	-0.0247
8	11	1969.0171	0.1364	-3.823	-0.7538	-0.0245
8	12	1969.0178	0.1272	-7.751	-1.5264	-0.0227
8	13	1969.0171	0.0871	-3.8238	-0.7539	-0.0107
8	14	1969.0178	0.078	-7.7518	-1.5266	-0.0089
8	15	1969.0171	0.0558	-3.8238	-0.7539	-0.0087

8	16	1969.0178	0.0467	-7.7518	-1.5266	-0.0069
8	17	1969.0182	-0.0467	-9.5227	-1.8764	0.0069
8	18	1969.019	-0.0559	-13.4507	-2.6491	0.0087
8	19	1969.0182	-0.078	-9.5227	-1.8764	0.0089
8	20	1969.019	-0.0871	-13.4507	-2.6491	0.0107
8	21	1969.0182	-0.1273	-9.5235	-1.8766	0.0227
8	22	1969.019	-0.1364	-13.4515	-2.6493	0.0245
8	23	1969.0182	-0.1585	-9.5235	-1.8766	0.0247
8	24	1969.019	-0.1676	-13.4515	-2.6492	0.0265
8	25	1969.0182	0.182	-9.5227	-1.8764	-0.0293
8	26	1969.019	0.1729	-13.4507	-2.6491	-0.0275
8	27	1969.0182	0.1508	-9.5227	-1.8764	-0.0274
8	28	1969.019	0.1416	-13.4507	-2.6491	-0.0256
8	29	1969.0182	0.1015	-9.5235	-1.8766	-0.0135
8	30	1969.019	0.0923	-13.4515	-2.6493	-0.0117
8	31	1969.0182	0.0702	-9.5235	-1.8766	-0.0115
8	32	1969.019	0.0611	-13.4515	-2.6492	-0.0097
9	1	1973.2695	-7.185	-5.3193	-1.0227	1.3721
9	2	1973.2704	-7.1939	-9.9447	-1.908	1.3738
9	3	1973.2695	7.1598	-5.3193	-1.0227	-1.3755
9	4	1973.2704	7.1509	-9.9447	-1.908	-1.3738
9	5	1973.2695	-7.2356	-5.32	-1.0228	1.3818
9	6	1973.2704	-7.2445	-9.9453	-1.9082	1.3835
9	7	1973.2695	7.1092	-5.32	-1.0228	-1.3658
9	8	1973.2704	7.1003	-9.9453	-1.9081	-1.3641
9	9	1973.2695	-7.1094	-5.3194	-1.0227	1.3659
9	10	1973.2704	-7.1183	-9.9447	-1.908	1.3676
9	11	1973.2695	7.2355	-5.3193	-1.0227	-1.3817
9	12	1973.2704	7.2265	-9.9447	-1.908	-1.38
9	13	1973.2695	-7.1599	-5.32	-1.0228	1.3755
9	14	1973.2704	-7.1688	-9.9453	-1.9082	1.3772
9	15	1973.2695	7.1849	-5.32	-1.0228	-1.3721
9	16	1973.2704	7.176	-9.9453	-1.9081	-1.3704
9	17	1973.2703	-7.176	-9.8757	-1.8929	1.3704
9	18	1973.2712	-7.1849	-14.5011	-2.7782	1.3721
9	19	1973.2703	7.1688	-9.8757	-1.8929	-1.3772
9	20	1973.2712	7.1599	-14.5011	-2.7782	-1.3755
9	21	1973.2703	-7.2266	-9.8764	-1.893	1.38
9	22	1973.2712	-7.2355	-14.5017	-2.7783	1.3817
9	23	1973.2703	7.1183	-9.8763	-1.893	-1.3676
9	24	1973.2712	7.1094	-14.5017	-2.7783	-1.3659
9	25	1973.2703	-7.1004	-9.8757	-1.8929	1.3641
9	26	1973.2712	-7.1093	-14.5011	-2.7782	1.3658
9	27	1973.2703	7.2445	-9.8757	-1.8929	-1.3835
9	28	1973.2712	7.2356	-14.5011	-2.7782	-1.3818
9	29	1973.2703	-7.1509	-9.8764	-1.893	1.3738
9	30	1973.2712	-7.1598	-14.5017	-2.7783	1.3755
9	31	1973.2703	7.1939	-9.8763	-1.893	-1.3738
9	32	1973.2712	7.185	-14.5017	-2.7783	-1.3721
10	1	1973.2588	-14.1419	-7.0925	-1.3572	2.7063
10	2	1973.2599	-14.1541	-12.6696	-2.4228	2.7086
10	3	1973.2588	14.2488	-7.0925	-1.3571	-2.7353
10	4	1973.2599	14.2365	-12.6696	-2.4228	-2.7329
10	5	1973.2588	-14.1726	-7.093	-1.3572	2.7122
10	6	1973.2599	-14.1849	-12.6701	-2.4229	2.7145
10	7	1973.2588	14.218	-7.093	-1.3572	-2.7294
10	8	1973.2599	14.2057	-12.6701	-2.4229	-2.727
10	9	1973.2588	-14.2112	-7.0925	-1.3572	2.7281
10	10	1973.2599	-14.2235	-12.6696	-2.4229	2.7304
10	11	1973.2588	14.1794	-7.0925	-1.3571	-2.7135
10	12	1973.2599	14.1671	-12.6696	-2.4228	-2.7111
10	13	1973.2588	-14.242	-7.093	-1.3572	2.734
10	14	1973.2599	-14.2543	-12.6701	-2.4229	2.7363
10	15	1973.2588	14.1486	-7.093	-1.3572	-2.7076
10	16	1973.2599	14.1364	-12.6701	-2.4229	-2.7052
10	17	1973.2595	-14.1364	-10.8368	-2.0736	2.7052
10	18	1973.2606	-14.1486	-16.4139	-3.1393	2.7076
10	19	1973.2595	14.2543	-10.8368	-2.0736	-2.7363
10	20	1973.2606	14.242	-16.4139	-3.1393	-2.734
10	21	1973.2595	-14.1671	-10.8373	-2.0737	2.7111

10	22	1973.2606	-14.1794	-16.4144	-3.1394	2.7135
10	23	1973.2595	14.2235	-10.8373	-2.0737	-2.7304
10	24	1973.2606	14.2112	-16.4144	-3.1394	-2.7281
10	25	1973.2595	-14.2057	-10.8368	-2.0736	2.727
10	26	1973.2606	-14.218	-16.4139	-3.1393	2.7294
10	27	1973.2595	14.1849	-10.8368	-2.0736	-2.7145
10	28	1973.2606	14.1726	-16.4139	-3.1393	-2.7122
10	29	1973.2595	-14.2365	-10.8373	-2.0737	2.7329
10	30	1973.2606	-14.2488	-16.4144	-3.1394	2.7353
10	31	1973.2595	14.1541	-10.8373	-2.0737	-2.7086
10	32	1973.2606	14.1419	-16.4144	-3.1394	-2.7063
11	1	1953.4789	-18.9061	-11.0469	-2.4454	4.1886
11	2	1953.4807	-18.9237	-19.1993	-4.2463	4.1925
11	3	1953.4789	19.1544	-11.0468	-2.4454	-4.2528
11	4	1953.4807	19.1368	-19.1993	-4.2463	-4.2489
11	5	1953.4789	-18.9229	-11.0473	-2.4455	4.1923
11	6	1953.4807	-18.9405	-19.1998	-4.2464	4.1962
11	7	1953.4789	19.1377	-11.0473	-2.4455	-4.2491
11	8	1953.4807	19.1201	-19.1998	-4.2464	-4.2452
11	9	1953.4789	-19.1231	-11.0469	-2.4454	4.2459
11	10	1953.4807	-19.1407	-19.1993	-4.2463	4.2498
11	11	1953.4789	18.9375	-11.0468	-2.4454	-4.1955
11	12	1953.4807	18.9199	-19.1993	-4.2463	-4.1916
11	13	1953.4789	-19.1398	-11.0473	-2.4455	4.2496
11	14	1953.4807	-19.1574	-19.1998	-4.2464	4.2535
11	15	1953.4789	18.9207	-11.0473	-2.4455	-4.1918
11	16	1953.4807	18.9031	-19.1998	-4.2464	-4.1879
11	17	1953.4797	-18.9031	-14.7324	-3.258	4.1879
11	18	1953.4815	-18.9207	-22.8849	-5.0589	4.1918
11	19	1953.4797	19.1574	-14.7324	-3.258	-4.2535
11	20	1953.4815	19.1398	-22.8849	-5.0589	-4.2496
11	21	1953.4797	-18.9199	-14.7329	-3.2581	4.1916
11	22	1953.4815	-18.9375	-22.8854	-5.059	4.1955
11	23	1953.4797	19.1407	-14.7329	-3.2581	-4.2498
11	24	1953.4815	19.1231	-22.8853	-5.059	-4.2459
11	25	1953.4797	-19.1201	-14.7324	-3.258	4.2452
11	26	1953.4815	-19.1377	-22.8849	-5.0589	4.2491
11	27	1953.4797	18.9405	-14.7324	-3.258	-4.1962
11	28	1953.4815	18.9229	-22.8849	-5.0589	-4.1923
11	29	1953.4797	-19.1368	-14.7329	-3.2581	4.2489
11	30	1953.4815	-19.1544	-22.8854	-5.059	4.2528
11	31	1953.4797	18.9237	-14.7329	-3.2581	-4.1925
11	32	1953.4815	18.9061	-22.8853	-5.059	-4.1886
12	1	1977.5006	-28.9705	-10.7267	-1.9945	5.3941
12	2	1977.502	-29.0034	-18.3141	-3.404	5.4002
12	3	1977.5006	29.5222	-10.7267	-1.9945	-5.505
12	4	1977.502	29.4893	-18.3141	-3.404	-5.4989
12	5	1977.5006	-28.9823	-10.727	-1.9946	5.3963
12	6	1977.502	-29.0151	-18.3144	-3.404	5.4024
12	7	1977.5006	29.5104	-10.727	-1.9946	-5.5028
12	8	1977.502	29.4776	-18.3144	-3.404	-5.4967
12	9	1977.5006	-29.4797	-10.7267	-1.9945	5.4971
12	10	1977.502	-29.5125	-18.3141	-3.404	5.5032
12	11	1977.5006	29.013	-10.7267	-1.9945	-5.402
12	12	1977.502	28.9802	-18.3141	-3.404	-5.3959
12	13	1977.5006	-29.4914	-10.727	-1.9946	5.4993
12	14	1977.502	-29.5243	-18.3144	-3.404	5.5054
12	15	1977.5006	29.0013	-10.727	-1.9946	-5.3999
12	16	1977.502	28.9684	-18.3144	-3.404	-5.3937
12	17	1977.501	-28.9684	-12.9868	-2.415	5.3938
12	18	1977.5024	-29.0013	-20.5741	-3.8245	5.3999
12	19	1977.501	29.5243	-12.9867	-2.415	-5.5054
12	20	1977.5024	29.4914	-20.5741	-3.8245	-5.4993
12	21	1977.501	-28.9802	-12.9871	-2.4151	5.3959
12	22	1977.5024	-29.013	-20.5744	-3.8245	5.402
12	23	1977.501	29.5125	-12.987	-2.4151	-5.5032
12	24	1977.5024	29.4797	-20.5744	-3.8245	-5.4971
12	25	1977.501	-29.4776	-12.9868	-2.415	5.4967
12	26	1977.5024	-29.5104	-20.5741	-3.8245	5.5028
12	27	1977.501	29.0151	-12.9867	-2.415	-5.4024

12	28	1977.5024	28.9823	-20.5741	-3.8245	-5.3963
12	29	1977.501	-29.4893	-12.9871	-2.4151	5.4989
12	30	1977.5024	-29.5222	-20.5744	-3.8245	5.505
12	31	1977.501	29.0034	-12.987	-2.4151	-5.4002
12	32	1977.5024	28.9705	-20.5744	-3.8245	-5.3941
13	1	1966.2028	-33.8369	-14.5452	-2.9274	6.8319
13	2	1966.2048	-33.8873	-24.5399	-4.936	6.842
13	3	1966.2028	34.7344	-14.5452	-2.9274	-7.0207
13	4	1966.2048	34.6841	-24.5399	-4.936	-7.0106
13	5	1966.2028	-33.8439	-14.5455	-2.9275	6.8333
13	6	1966.2048	-33.8943	-24.5402	-4.936	6.8434
13	7	1966.2028	34.7274	-14.5455	-2.9275	-7.0193
13	8	1966.2048	34.6771	-24.5402	-4.936	-7.0092
13	9	1966.2028	-34.6784	-14.5452	-2.9274	7.0095
13	10	1966.2048	-34.7287	-24.5399	-4.936	7.0196
13	11	1966.2028	33.893	-14.5452	-2.9274	-6.8432
13	12	1966.2048	33.8427	-24.5399	-4.936	-6.8331
13	13	1966.2028	-34.6853	-14.5455	-2.9275	7.0109
13	14	1966.2048	-34.7357	-24.5402	-4.936	7.021
13	15	1966.2028	33.886	-14.5455	-2.9275	-6.8418
13	16	1966.2048	33.8357	-24.5402	-4.936	-6.8317
13	17	1966.2032	-33.8357	-16.4185	-3.3029	6.8317
13	18	1966.2052	-33.886	-26.4133	-5.3114	6.8418
13	19	1966.2032	34.7357	-16.4185	-3.3029	-7.021
13	20	1966.2052	34.6853	-26.4133	-5.3114	-7.0109
13	21	1966.2032	-33.8427	-16.4188	-3.3029	6.8331
13	22	1966.2052	-33.893	-26.4135	-5.3115	6.8432
13	23	1966.2032	34.7287	-16.4188	-3.3029	-7.0196
13	24	1966.2052	34.6783	-26.4135	-5.3115	-7.0095
13	25	1966.2032	-34.6771	-16.4185	-3.3029	7.0092
13	26	1966.2052	-34.7274	-26.4133	-5.3114	7.0193
13	27	1966.2032	33.8943	-16.4185	-3.3029	-6.8434
13	28	1966.2052	33.8439	-26.4133	-5.3114	-6.8333
13	29	1966.2032	-34.6841	-16.4188	-3.3029	7.0106
13	30	1966.2052	-34.7344	-26.4135	-5.3115	7.0207
13	31	1966.2032	33.8873	-16.4188	-3.3029	-6.842
13	32	1966.2052	33.8369	-26.4135	-5.3115	-6.8319
14	1	1957.7106	-37.5347	-19.0559	-4.0721	8.0684
14	2	1957.7134	-37.6096	-31.8742	-6.8098	8.0844
14	3	1957.7106	38.9333	-19.0559	-4.0721	-8.3769
14	4	1957.7134	38.8584	-31.8742	-6.8098	-8.3608
14	5	1957.7106	-37.5389	-19.0561	-4.0722	8.0693
14	6	1957.7134	-37.6139	-31.8743	-6.8098	8.0854
14	7	1957.7106	38.9291	-19.0561	-4.0722	-8.376
14	8	1957.7134	38.8541	-31.8743	-6.8098	-8.3599
14	9	1957.7106	-38.8549	-19.0559	-4.0721	8.3601
14	10	1957.7134	-38.9298	-31.8742	-6.8098	8.3761
14	11	1957.7106	37.6131	-19.0559	-4.0721	-8.0852
14	12	1957.7134	37.5382	-31.8742	-6.8098	-8.0691
14	13	1957.7106	-38.8591	-19.0561	-4.0722	8.361
14	14	1957.7134	-38.9341	-31.8743	-6.8098	8.377
14	15	1957.7106	37.6089	-19.0561	-4.0722	-8.0843
14	16	1957.7134	37.5339	-31.8743	-6.8098	-8.0682
14	17	1957.7109	-37.5339	-20.4394	-4.3681	8.0682
14	18	1957.7137	-37.6089	-33.2576	-7.1058	8.0843
14	19	1957.7109	38.9341	-20.4394	-4.3681	-8.377
14	20	1957.7137	38.8591	-33.2576	-7.1058	-8.361
14	21	1957.7109	-37.5382	-20.4395	-4.3682	8.0691
14	22	1957.7137	-37.6131	-33.2578	-7.1058	8.0852
14	23	1957.7109	38.9298	-20.4395	-4.3682	-8.3761
14	24	1957.7137	38.8549	-33.2578	-7.1058	-8.3601
14	25	1957.7109	-38.8541	-20.4394	-4.3681	8.3599
14	26	1957.7137	-38.9291	-33.2576	-7.1058	8.376
14	27	1957.7109	37.6139	-20.4394	-4.3681	-8.0854
14	28	1957.7137	37.5389	-33.2576	-7.1058	-8.0693
14	29	1957.7109	-38.8584	-20.4395	-4.3682	8.3608
14	30	1957.7137	-38.9333	-33.2578	-7.1058	8.3769
14	31	1957.7109	37.6096	-20.4395	-4.3682	-8.0844
14	32	1957.7137	37.5347	-33.2578	-7.1058	-8.0684
15	1	1929.4518	-33.991	-31.6437	-8.6088	9.2894

15	2	1929.4575	-34.014	-52.6195	-14.3115	9.3066
15	3	1929.4518	35.7555	-31.6437	-8.6088	-9.7912
15	4	1929.4575	35.7325	-52.6195	-14.3115	-9.774
15	5	1929.4518	-33.9934	-31.6438	-8.6088	9.29
15	6	1929.4575	-34.0164	-52.6196	-14.3116	9.3072
15	7	1929.4518	35.7531	-31.6438	-8.6088	-9.7906
15	8	1929.4575	35.7301	-52.6196	-14.3116	-9.7734
15	9	1929.4518	-35.7305	-31.6437	-8.6088	9.7735
15	10	1929.4575	-35.7535	-52.6195	-14.3115	9.7907
15	11	1929.4518	34.016	-31.6437	-8.6088	-9.3071
15	12	1929.4575	33.993	-52.6195	-14.3115	-9.2899
15	13	1929.4518	-35.7329	-31.6438	-8.6088	9.7741
15	14	1929.4575	-35.7559	-52.6196	-14.3116	9.7913
15	15	1929.4518	34.0136	-31.6438	-8.6088	-9.3065
15	16	1929.4575	33.9906	-52.6196	-14.3116	-9.2893
15	17	1929.4521	-33.9906	-32.6955	-8.8938	9.2893
15	18	1929.4578	-34.0136	-53.6713	-14.5965	9.3065
15	19	1929.4521	35.7559	-32.6955	-8.8938	-9.7913
15	20	1929.4578	35.7329	-53.6713	-14.5965	-9.7741
15	21	1929.4521	-33.993	-32.6957	-8.8938	9.2899
15	22	1929.4578	-34.016	-53.6714	-14.5965	9.3071
15	23	1929.4521	35.7535	-32.6957	-8.8938	-9.7907
15	24	1929.4578	35.7305	-53.6714	-14.5965	-9.7735
15	25	1929.4521	-35.7301	-32.6955	-8.8938	9.7734
15	26	1929.4578	-35.7531	-53.6713	-14.5965	9.7906
15	27	1929.4521	34.0164	-32.6955	-8.8938	-9.3072
15	28	1929.4578	33.9934	-53.6713	-14.5965	-9.29
15	29	1929.4521	-35.7325	-32.6957	-8.8938	9.774
15	30	1929.4578	-35.7555	-53.6714	-14.5965	9.7912
15	31	1929.4521	34.014	-32.6957	-8.8938	-9.3066
15	32	1929.4578	33.991	-53.6714	-14.5965	-9.2894

- Caso 7 :

Nome : Caso 10

Descr. : SLD con SISMAY PRINC

Tipo : SLD

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	1905.3991	35.4834	31.0998	10.9534	-15.3265
1	2	1905.3976	36.4101	35.4657	12.4924	-15.5976
1	3	1905.3991	35.5148	31.0999	10.9534	-15.3325
1	4	1905.3976	36.4416	35.4657	12.4924	-15.6037
1	5	1905.4008	35.4452	26.2205	9.2259	-15.3131
1	6	1905.3993	36.372	30.5864	10.7649	-15.5843
1	7	1905.4008	35.4767	26.2205	9.2259	-15.3192
1	8	1905.3993	36.4035	30.5864	10.7649	-15.5904
1	9	1905.3991	-144.7744	31.0942	10.9514	48.7352
1	10	1905.3976	-143.8476	35.4601	12.4904	48.464
1	11	1905.3991	-144.7429	31.0943	10.9514	48.7291
1	12	1905.3976	-143.8161	35.4601	12.4904	48.4579
1	13	1905.4008	-144.8125	26.2149	9.2239	48.7485
1	14	1905.3993	-143.8857	30.5807	10.7629	48.4773
1	15	1905.4008	-144.781	26.2149	9.2239	48.7424
1	16	1905.3993	-143.8542	30.5808	10.7629	48.4712
1	17	1905.399	143.8541	31.4769	11.0869	-48.4712
1	18	1905.3974	144.7809	35.8428	12.6259	-48.7424
1	19	1905.399	143.8856	31.477	11.0869	-48.4773
1	20	1905.3974	144.8124	35.8428	12.6259	-48.7484
1	21	1905.4007	143.816	26.5976	9.3594	-48.4579
1	22	1905.3991	144.7428	30.9634	10.8984	-48.7291
1	23	1905.4007	143.8475	26.5976	9.3594	-48.464
1	24	1905.3991	144.7743	30.9635	10.8984	-48.7351
1	25	1905.399	-36.4036	31.4713	11.0849	15.5904
1	26	1905.3974	-35.4768	35.8372	12.6239	15.3192
1	27	1905.399	-36.3721	31.4714	11.0849	15.5843
1	28	1905.3974	-35.4453	35.8372	12.6239	15.3132
1	29	1905.4007	-36.4417	26.592	9.3574	15.6037
1	30	1905.3992	-35.5149	30.9578	10.8964	15.3325

1	31	1905.4007	-36.4102	26.592	9.3574	15.5977
1	32	1905.3992	-35.4834	30.9579	10.8964	15.3265
2	1	1906.4083	-3495.4634	9.9097	11.055	743.9711
2	2	2008.8722	-3451.8041	-6.6831	-10.3282	744.6883
2	3	1906.4083	-3495.1417	9.9097	11.055	743.8991
2	4	2008.8722	-3451.4824	-6.6831	-10.3282	744.6163
2	5	1906.3658	-3495.6922	5.2752	10.0737	744.0191
2	6	2008.8296	-3452.0329	-11.3176	-11.3095	744.7364
2	7	1906.3658	-3495.3704	5.2752	10.0737	743.9472
2	8	2008.8296	-3451.7111	-11.3176	-11.3095	744.6644
2	9	1906.4083	-3773.4409	9.9044	11.0539	803.7453
2	10	2008.8721	-3729.7816	-6.6884	-10.3293	804.4625
2	11	1906.4083	-3773.1191	9.9044	11.0539	803.6733
2	12	2008.8721	-3729.4598	-6.6884	-10.3293	804.3905
2	13	1906.3658	-3773.6696	5.2699	10.0726	803.7934
2	14	2008.8296	-3730.0103	-11.323	-11.3106	804.5106
2	15	1906.3658	-3773.3478	5.2699	10.0726	803.7214
2	16	2008.8296	-3729.6885	-11.3229	-11.3106	804.4386
2	17	1906.4093	3729.6819	10.2681	11.1313	-804.4372
2	18	2008.8731	3773.3412	-6.3247	-10.2519	-803.72
2	19	1906.4093	3730.0036	10.2682	11.1313	-804.5091
2	20	2008.8731	3773.6629	-6.3246	-10.2519	-803.7919
2	21	1906.3667	3729.4531	5.6336	10.15	-804.3891
2	22	2008.8305	3773.1124	-10.9592	-11.2332	-803.6719
2	23	1906.3667	3729.7749	5.6336	10.15	-804.4611
2	24	2008.8305	3773.4342	-10.9592	-11.2332	-803.7438
2	25	1906.4093	3451.7044	10.2628	11.1302	-744.663
2	26	2008.8731	3495.3637	-6.33	-10.253	-743.9457
2	27	1906.4093	3452.0262	10.2628	11.1302	-744.7349
2	28	2008.8731	3495.6855	-6.33	-10.253	-744.0177
2	29	1906.3667	3451.4757	5.6283	10.1489	-744.6149
2	30	2008.8305	3495.135	-10.9645	-11.2343	-743.8977
2	31	1906.3667	3451.7975	5.6283	10.1489	-744.6868
2	32	2008.8305	3495.4568	-10.9645	-11.2343	-743.9696
3	1	1939.6083	-161.5585	-3.2016	-3.8415	30.8173
3	2	1975.7329	-142.0483	2.0246	3.562	30.5179
3	3	1939.6083	-161.077	-3.2016	-3.8415	30.7147
3	4	1975.7329	-141.5668	2.0246	3.562	30.4152
3	5	1939.6312	-161.3888	-7.5722	-4.7707	30.781
3	6	1975.7558	-141.8787	-2.3461	2.6328	30.4816
3	7	1939.6312	-160.9073	-7.5722	-4.7707	30.6784
3	8	1975.7558	-141.3972	-2.3461	2.6328	30.379
3	9	1939.6083	-348.6652	-3.2015	-3.8414	70.9858
3	10	1975.7329	-329.1551	2.0247	3.562	70.6863
3	11	1939.6083	-348.1837	-3.2015	-3.8414	70.8831
3	12	1975.7329	-328.6736	2.0247	3.562	70.5837
3	13	1939.6312	-348.4956	-7.5721	-4.7707	70.9495
3	14	1975.7558	-328.9854	-2.346	2.6328	70.65
3	15	1939.6312	-348.0141	-7.5721	-4.7707	70.8468
3	16	1975.7558	-328.5039	-2.346	2.6328	70.5474
3	17	1939.6087	328.51	-3.208	-3.8428	-70.5487
3	18	1975.7333	348.0202	2.0181	3.5607	-70.8481
3	19	1939.6087	328.9915	-3.208	-3.8428	-70.6514
3	20	1975.7333	348.5017	2.0181	3.5607	-70.9508
3	21	1939.6316	328.6797	-7.5787	-4.772	-70.585
3	22	1975.7562	348.1898	-2.3525	2.6315	-70.8844
3	23	1939.6316	329.1612	-7.5787	-4.772	-70.6876
3	24	1975.7562	348.6713	-2.3525	2.6315	-70.9871
3	25	1939.6087	141.4033	-3.2079	-3.8428	-30.3803
3	26	1975.7333	160.9134	2.0182	3.5607	-30.6797
3	27	1939.6087	141.8848	-3.2079	-3.8428	-30.4829
3	28	1975.7333	161.3949	2.0182	3.5607	-30.7823
3	29	1939.6316	141.5729	-7.5786	-4.772	-30.4166
3	30	1975.7562	161.0831	-2.3525	2.6315	-30.716
3	31	1939.6316	142.0544	-7.5786	-4.772	-30.5192
3	32	1975.7562	161.5646	-2.3525	2.6315	-30.8186
4	1	1966.1891	85.0295	-1.265	-0.2557	-17.2853
4	2	1966.1894	85.6559	-2.4841	-0.5001	-17.3978
4	3	1966.1891	85.5862	-1.265	-0.2557	-17.3945
4	4	1966.1894	86.2126	-2.4841	-0.5001	-17.507

4	5	1966.1898	85.0634	-4.6879	-0.9434	-17.292
4	6	1966.1901	85.6897	-5.907	-1.1878	-17.4045
4	7	1966.1898	85.62	-4.6879	-0.9434	-17.4012
4	8	1966.1901	86.2464	-5.907	-1.1878	-17.5137
4	9	1966.1891	-97.8504	-1.265	-0.2557	19.6461
4	10	1966.1894	-97.2241	-2.484	-0.5001	19.5336
4	11	1966.1891	-97.2937	-1.265	-0.2557	19.5369
4	12	1966.1894	-96.6674	-2.484	-0.5001	19.4244
4	13	1966.1898	-97.8166	-4.6879	-0.9433	19.6394
4	14	1966.1901	-97.1902	-5.9069	-1.1878	19.5268
4	15	1966.1898	-97.2599	-4.6879	-0.9433	19.5301
4	16	1966.1901	-96.6336	-5.9069	-1.1878	19.4176
4	17	1966.1891	96.6336	-1.2701	-0.2567	-19.4176
4	18	1966.1894	97.26	-2.4892	-0.5011	-19.5302
4	19	1966.1891	97.1903	-1.2701	-0.2567	-19.5269
4	20	1966.1894	97.8167	-2.4892	-0.5011	-19.6394
4	21	1966.1898	96.6675	-4.693	-0.9444	-19.4244
4	22	1966.1901	97.2938	-5.9121	-1.1888	-19.5369
4	23	1966.1898	97.2241	-4.693	-0.9444	-19.5336
4	24	1966.1901	97.8505	-5.9121	-1.1888	-19.6461
4	25	1966.1891	-86.2463	-1.2701	-0.2567	17.5137
4	26	1966.1894	-85.62	-2.4891	-0.5011	17.4012
4	27	1966.1891	-85.6896	-1.2701	-0.2567	17.4045
4	28	1966.1894	-85.0633	-2.4891	-0.5011	17.292
4	29	1966.1898	-86.2125	-4.693	-0.9444	17.507
4	30	1966.1901	-85.5861	-5.912	-1.1888	17.3945
4	31	1966.1898	-85.6558	-4.693	-0.9444	17.3978
4	32	1966.1901	-85.0295	-5.912	-1.1888	17.2852
5	1	1977.51	73.7106	-2.0968	-0.3945	-13.7374
5	2	1977.5103	73.6948	-3.7129	-0.6955	-13.7342
5	3	1977.51	74.0806	-2.0968	-0.3945	-13.8037
5	4	1977.5103	74.0648	-3.7129	-0.6955	-13.8006
5	5	1977.5105	73.7306	-4.7062	-0.879	-13.7411
5	6	1977.5108	73.7148	-6.3223	-1.18	-13.7379
5	7	1977.5105	74.1006	-4.7062	-0.879	-13.8075
5	8	1977.5108	74.0848	-6.3223	-1.18	-13.8043
5	9	1977.51	-73.2848	-2.0967	-0.3945	13.6503
5	10	1977.5103	-73.3006	-3.7128	-0.6955	13.6535
5	11	1977.51	-72.9149	-2.0967	-0.3945	13.5839
5	12	1977.5103	-72.9306	-3.7128	-0.6955	13.5871
5	13	1977.5105	-73.2649	-4.7062	-0.879	13.6466
5	14	1977.5108	-73.2806	-6.3223	-1.18	13.6498
5	15	1977.5105	-72.8949	-4.7062	-0.879	13.5802
5	16	1977.5108	-72.9107	-6.3223	-1.18	13.5834
5	17	1977.51	72.9106	-2.1007	-0.3952	-13.5834
5	18	1977.5103	72.8948	-3.7167	-0.6962	-13.5802
5	19	1977.51	73.2806	-2.1007	-0.3952	-13.6497
5	20	1977.5103	73.2648	-3.7167	-0.6962	-13.6466
5	21	1977.5105	72.9306	-4.7101	-0.8797	-13.5871
5	22	1977.5108	72.9148	-6.3262	-1.1807	-13.5839
5	23	1977.5105	73.3006	-4.7101	-0.8797	-13.6535
5	24	1977.5108	73.2848	-6.3262	-1.1807	-13.6503
5	25	1977.51	-74.0849	-2.1006	-0.3952	13.8043
5	26	1977.5103	-74.1006	-3.7167	-0.6962	13.8075
5	27	1977.51	-73.7149	-2.1006	-0.3952	13.7379
5	28	1977.5103	-73.7307	-3.7167	-0.6962	13.7411
5	29	1977.5105	-74.0649	-4.7101	-0.8797	13.8006
5	30	1977.5108	-74.0807	-6.3262	-1.1807	13.8038
5	31	1977.5105	-73.6949	-4.7101	-0.8797	13.7342
5	32	1977.5108	-73.7107	-6.3262	-1.1807	13.7374
6	1	1953.4663	42.7079	-3.9716	-0.8785	-9.463
6	2	1953.4669	42.6889	-6.7917	-1.5005	-9.4588
6	3	1953.4663	42.9067	-3.9716	-0.8785	-9.5039
6	4	1953.4669	42.8877	-6.7917	-1.5005	-9.4997
6	5	1953.4669	42.7185	-6.7939	-1.5018	-9.4654
6	6	1953.4675	42.6995	-9.6139	-2.1238	-9.4612
6	7	1953.4669	42.9173	-6.7939	-1.5018	-9.5062
6	8	1953.4675	42.8983	-9.6139	-2.1238	-9.502
6	9	1953.4663	-42.2546	-3.9716	-0.8785	9.3599
6	10	1953.4669	-42.2736	-6.7916	-1.5005	9.3641

6	11	1953.4663	-42.0559	-3.9716	-0.8785	9.3191
6	12	1953.4669	-42.0749	-6.7916	-1.5005	9.3233
6	13	1953.4669	-42.244	-6.7938	-1.5018	9.3576
6	14	1953.4675	-42.263	-9.6138	-2.1238	9.3618
6	15	1953.4669	-42.0453	-6.7938	-1.5018	9.3167
6	16	1953.4675	-42.0643	-9.6138	-2.1238	9.3209
6	17	1953.4663	42.0642	-3.9758	-0.8794	-9.3209
6	18	1953.4669	42.0452	-6.7959	-1.5015	-9.3167
6	19	1953.4663	42.263	-3.9758	-0.8794	-9.3618
6	20	1953.4669	42.244	-6.7959	-1.5015	-9.3576
6	21	1953.4669	42.0748	-6.7981	-1.5027	-9.3233
6	22	1953.4675	42.0558	-9.6181	-2.1248	-9.3191
6	23	1953.4669	42.2736	-6.7981	-1.5027	-9.3641
6	24	1953.4675	42.2546	-9.6181	-2.1248	-9.3599
6	25	1953.4663	-42.8983	-3.9758	-0.8794	9.502
6	26	1953.4669	-42.9173	-6.7958	-1.5015	9.5062
6	27	1953.4663	-42.6995	-3.9758	-0.8794	9.4612
6	28	1953.4669	-42.7186	-6.7958	-1.5015	9.4654
6	29	1953.4669	-42.8877	-6.798	-1.5027	9.4997
6	30	1953.4675	-42.9067	-9.6181	-2.1248	9.5039
6	31	1953.4669	-42.689	-6.798	-1.5027	9.4588
6	32	1953.4675	-42.708	-9.6181	-2.1248	9.463
7	1	1966.2008	22.9133	-4.6679	-0.9426	-4.6229
7	2	1966.2015	22.9002	-7.8825	-1.5889	-4.6202
7	3	1966.2008	23.0379	-4.6679	-0.9426	-4.6453
7	4	1966.2015	23.0249	-7.8825	-1.5889	-4.6427
7	5	1966.2012	22.9202	-6.7567	-1.3616	-4.6242
7	6	1966.2019	22.9071	-9.9713	-2.0079	-4.6216
7	7	1966.2012	23.0448	-6.7567	-1.3616	-4.6467
7	8	1966.2019	23.0318	-9.9713	-2.0079	-4.6441
7	9	1966.2008	-22.6037	-4.6679	-0.9426	4.5581
7	10	1966.2015	-22.6168	-7.8824	-1.5889	4.5608
7	11	1966.2008	-22.4791	-4.6679	-0.9426	4.5357
7	12	1966.2015	-22.4921	-7.8824	-1.5889	4.5383
7	13	1966.2012	-22.5968	-6.7567	-1.3616	4.5568
7	14	1966.2019	-22.6099	-9.9712	-2.0079	4.5594
7	15	1966.2012	-22.4722	-6.7567	-1.3616	4.5343
7	16	1966.2019	-22.4852	-9.9712	-2.0079	4.5369
7	17	1966.2008	22.4852	-4.671	-0.9432	-4.5369
7	18	1966.2015	22.4722	-7.8856	-1.5895	-4.5343
7	19	1966.2008	22.6099	-4.671	-0.9432	-4.5594
7	20	1966.2015	22.5968	-7.8856	-1.5895	-4.5568
7	21	1966.2012	22.4921	-6.7598	-1.3622	-4.5383
7	22	1966.2019	22.4791	-9.9744	-2.0085	-4.5357
7	23	1966.2012	22.6167	-6.7598	-1.3622	-4.5608
7	24	1966.2019	22.6037	-9.9744	-2.0085	-4.5581
7	25	1966.2008	-23.0318	-4.671	-0.9432	4.6441
7	26	1966.2015	-23.0448	-7.8855	-1.5895	4.6467
7	27	1966.2008	-22.9071	-4.671	-0.9432	4.6216
7	28	1966.2015	-22.9202	-7.8855	-1.5895	4.6242
7	29	1966.2012	-23.0249	-6.7598	-1.3622	4.6427
7	30	1966.2019	-23.0379	-9.9744	-2.0085	4.6453
7	31	1966.2012	-22.9003	-6.7598	-1.3622	4.6202
7	32	1966.2019	-22.9133	-9.9744	-2.0085	4.6229
8	1	1969.0175	0.1544	-5.817	-1.1465	-0.0247
8	2	1969.0182	0.1452	-9.745	-1.9192	-0.0229
8	3	1969.0175	0.223	-5.817	-1.1465	-0.0356
8	4	1969.0182	0.2139	-9.745	-1.9192	-0.0338
8	5	1969.0178	0.1587	-7.5269	-1.4833	-0.0256
8	6	1969.0186	0.1496	-11.455	-2.256	-0.0238
8	7	1969.0178	0.2273	-7.5269	-1.4833	-0.0364
8	8	1969.0186	0.2182	-11.455	-2.256	-0.0346
8	9	1969.0175	0.0502	-5.817	-1.1465	-0.0182
8	10	1969.0182	0.0411	-9.745	-1.9192	-0.0164
8	11	1969.0175	0.1189	-5.817	-1.1465	-0.029
8	12	1969.0182	0.1097	-9.745	-1.9192	-0.0273
8	13	1969.0178	0.0546	-7.5269	-1.4833	-0.019
8	14	1969.0186	0.0454	-11.4549	-2.256	-0.0172
8	15	1969.0178	0.1232	-7.5269	-1.4833	-0.0299
8	16	1969.0186	0.114	-11.4549	-2.256	-0.0281

8	17	1969.0175	-0.1141	-5.8196	-1.147	0.0281
8	18	1969.0182	-0.1232	-9.7476	-1.9197	0.0299
8	19	1969.0175	-0.0454	-5.8196	-1.147	0.0172
8	20	1969.0182	-0.0546	-9.7476	-1.9197	0.019
8	21	1969.0178	-0.1097	-7.5295	-1.4838	0.0273
8	22	1969.0186	-0.1189	-11.4575	-2.2565	0.029
8	23	1969.0178	-0.0411	-7.5295	-1.4838	0.0164
8	24	1969.0186	-0.0502	-11.4575	-2.2565	0.0182
8	25	1969.0175	-0.2182	-5.8195	-1.147	0.0346
8	26	1969.0182	-0.2273	-9.7476	-1.9197	0.0364
8	27	1969.0175	-0.1496	-5.8195	-1.147	0.0238
8	28	1969.0182	-0.1587	-9.7476	-1.9197	0.0256
8	29	1969.0178	-0.2139	-7.5295	-1.4838	0.0338
8	30	1969.0186	-0.223	-11.4575	-2.2565	0.0356
8	31	1969.0178	-0.1453	-7.5295	-1.4838	0.0229
8	32	1969.0186	-0.1544	-11.4575	-2.2565	0.0247
9	1	1973.2698	-23.8321	-6.9134	-1.3271	4.5636
9	2	1973.2707	-23.841	-11.5387	-2.2125	4.5653
9	3	1973.2698	-23.8094	-6.9134	-1.3271	4.5617
9	4	1973.2707	-23.8183	-11.5387	-2.2125	4.5634
9	5	1973.27	-23.8294	-8.2803	-1.5882	4.5631
9	6	1973.2709	-23.8383	-12.9057	-2.4735	4.5648
9	7	1973.27	-23.8067	-8.2803	-1.5882	4.5612
9	8	1973.2709	-23.8156	-12.9057	-2.4735	4.5629
9	9	1973.2698	23.984	-6.9134	-1.3271	-4.5951
9	10	1973.2707	23.9751	-11.5387	-2.2124	-4.5934
9	11	1973.2698	24.0067	-6.9134	-1.3271	-4.597
9	12	1973.2707	23.9978	-11.5387	-2.2124	-4.5953
9	13	1973.27	23.9867	-8.2803	-1.5882	-4.5956
9	14	1973.2709	23.9778	-12.9056	-2.4735	-4.5939
9	15	1973.27	24.0094	-8.2803	-1.5882	-4.5975
9	16	1973.2709	24.0005	-12.9056	-2.4735	-4.5958
9	17	1973.2698	-24.0005	-6.9154	-1.3275	4.5958
9	18	1973.2707	-24.0094	-11.5408	-2.2128	4.5975
9	19	1973.2698	-23.9778	-6.9154	-1.3275	4.5939
9	20	1973.2707	-23.9867	-11.5408	-2.2128	4.5956
9	21	1973.27	-23.9978	-8.2823	-1.5886	4.5953
9	22	1973.2709	-24.0067	-12.9077	-2.4739	4.597
9	23	1973.27	-23.9751	-8.2823	-1.5886	4.5934
9	24	1973.2709	-23.984	-12.9077	-2.4739	4.5951
9	25	1973.2698	23.8156	-6.9154	-1.3275	-4.5629
9	26	1973.2707	23.8067	-11.5407	-2.2128	-4.5612
9	27	1973.2698	23.8383	-6.9154	-1.3275	-4.5648
9	28	1973.2707	23.8294	-11.5407	-2.2128	-4.5631
9	29	1973.27	23.8183	-8.2823	-1.5886	-4.5634
9	30	1973.2709	23.8094	-12.9077	-2.4739	-4.5617
9	31	1973.27	23.841	-8.2823	-1.5886	-4.5653
9	32	1973.2709	23.8321	-12.9077	-2.4739	-4.5636
10	1	1973.2591	-47.2507	-8.4024	-1.6078	9.0551
10	2	1973.2601	-47.263	-13.9795	-2.6735	9.0575
10	3	1973.2591	-47.2715	-8.4024	-1.6078	9.0617
10	4	1973.2601	-47.2838	-13.9795	-2.6735	9.064
10	5	1973.2593	-47.2491	-9.5257	-1.8227	9.0548
10	6	1973.2603	-47.2613	-15.1028	-2.8884	9.0572
10	7	1973.2593	-47.2699	-9.5257	-1.8227	9.0613
10	8	1973.2603	-47.2821	-15.1028	-2.8884	9.0637
10	9	1973.2591	47.3847	-8.4024	-1.6078	-9.0833
10	10	1973.2601	47.3725	-13.9795	-2.6735	-9.081
10	11	1973.2591	47.3639	-8.4024	-1.6078	-9.0768
10	12	1973.2601	47.3517	-13.9795	-2.6735	-9.0744
10	13	1973.2593	47.3864	-9.5257	-1.8227	-9.0836
10	14	1973.2603	47.3741	-15.1028	-2.8884	-9.0813
10	15	1973.2593	47.3656	-9.5257	-1.8227	-9.0771
10	16	1973.2603	47.3533	-15.1028	-2.8884	-9.0747
10	17	1973.2591	-47.3533	-8.4041	-1.6081	9.0747
10	18	1973.2601	-47.3656	-13.9812	-2.6738	9.0771
10	19	1973.2591	-47.3741	-8.4041	-1.6081	9.0813
10	20	1973.2601	-47.3864	-13.9812	-2.6738	9.0836
10	21	1973.2593	-47.3517	-9.5274	-1.823	9.0744
10	22	1973.2603	-47.3639	-15.1045	-2.8887	9.0768

10	23	1973.2593	-47.3725	-9.5274	-1.823	9.081
10	24	1973.2603	-47.3848	-15.1045	-2.8887	9.0833
10	25	1973.2591	47.2821	-8.4041	-1.6081	-9.0637
10	26	1973.2601	47.2699	-13.9812	-2.6738	-9.0613
10	27	1973.2591	47.2613	-8.4041	-1.6081	-9.0572
10	28	1973.2601	47.2491	-13.9812	-2.6738	-9.0548
10	29	1973.2593	47.2838	-9.5274	-1.823	-9.064
10	30	1973.2603	47.2715	-15.1045	-2.8887	-9.0617
10	31	1973.2593	47.263	-9.5274	-1.823	-9.0575
10	32	1973.2603	47.2507	-15.1045	-2.8887	-9.0551
11	1	1953.4791	-63.3655	-12.3362	-2.7296	14.0524
11	2	1953.4809	-63.3831	-20.4887	-4.5306	14.0563
11	3	1953.4791	-63.4306	-12.3362	-2.7296	14.0696
11	4	1953.4809	-63.4481	-20.4887	-4.5306	14.0735
11	5	1953.4794	-63.3646	-13.4419	-2.9734	14.0522
11	6	1953.4812	-63.3822	-21.5943	-4.7744	14.0561
11	7	1953.4794	-63.4297	-13.4419	-2.9734	14.0694
11	8	1953.4812	-63.4473	-21.5943	-4.7744	14.0733
11	9	1953.4791	63.5031	-12.3362	-2.7296	-14.0856
11	10	1953.4809	63.4855	-20.4886	-4.5306	-14.0817
11	11	1953.4791	63.438	-12.3362	-2.7296	-14.0684
11	12	1953.4809	63.4204	-20.4886	-4.5306	-14.0645
11	13	1953.4794	63.504	-13.4419	-2.9734	-14.0858
11	14	1953.4812	63.4864	-21.5943	-4.7744	-14.0819
11	15	1953.4794	63.4389	-13.4419	-2.9734	-14.0686
11	16	1953.4812	63.4213	-21.5943	-4.7744	-14.0647
11	17	1953.4791	-63.4213	-12.3379	-2.73	14.0647
11	18	1953.4809	-63.4389	-20.4903	-4.531	14.0686
11	19	1953.4791	-63.4864	-12.3379	-2.73	14.0819
11	20	1953.4809	-63.504	-20.4903	-4.531	14.0858
11	21	1953.4794	-63.4204	-13.4435	-2.9738	14.0645
11	22	1953.4812	-63.438	-21.596	-4.7748	14.0684
11	23	1953.4794	-63.4855	-13.4435	-2.9738	14.0817
11	24	1953.4812	-63.5031	-21.596	-4.7748	14.0856
11	25	1953.4791	63.4472	-12.3379	-2.73	-14.0733
11	26	1953.4809	63.4297	-20.4903	-4.531	-14.0694
11	27	1953.4791	63.3822	-12.3379	-2.73	-14.0561
11	28	1953.4809	63.3646	-20.4903	-4.531	-14.0522
11	29	1953.4794	63.4481	-13.4435	-2.9738	-14.0735
11	30	1953.4812	63.4306	-21.596	-4.7748	-14.0696
11	31	1953.4794	63.3831	-13.4435	-2.9738	-14.0563
11	32	1953.4812	63.3655	-21.596	-4.7748	-14.0524
12	1	1977.5007	-97.3758	-11.5174	-2.1416	18.1431
12	2	1977.5022	-97.4086	-19.1048	-3.5511	18.1492
12	3	1977.5007	-97.5285	-11.5174	-2.1416	18.174
12	4	1977.5022	-97.5614	-19.1048	-3.5511	18.1801
12	5	1977.5009	-97.3752	-12.1954	-2.2678	18.143
12	6	1977.5023	-97.408	-19.7828	-3.6772	18.1491
12	7	1977.5009	-97.5279	-12.1954	-2.2678	18.1739
12	8	1977.5023	-97.5608	-19.7828	-3.6772	18.18
12	9	1977.5007	97.5999	-11.5174	-2.1416	-18.1873
12	10	1977.5022	97.567	-19.1048	-3.5511	-18.1812
12	11	1977.5007	97.4472	-11.5174	-2.1416	-18.1564
12	12	1977.5022	97.4143	-19.1048	-3.5511	-18.1503
12	13	1977.5009	97.6005	-12.1954	-2.2678	-18.1874
12	14	1977.5023	97.5677	-19.7828	-3.6772	-18.1813
12	15	1977.5009	97.4478	-12.1954	-2.2678	-18.1565
12	16	1977.5023	97.4149	-19.7828	-3.6772	-18.1504
12	17	1977.5007	-97.4149	-11.5184	-2.1418	18.1504
12	18	1977.5022	-97.4478	-19.1058	-3.5513	18.1565
12	19	1977.5007	-97.5677	-11.5184	-2.1418	18.1813
12	20	1977.5022	-97.6005	-19.1058	-3.5513	18.1874
12	21	1977.5009	-97.4143	-12.1964	-2.268	18.1503
12	22	1977.5023	-97.4472	-19.7838	-3.6774	18.1564
12	23	1977.5009	-97.5671	-12.1964	-2.268	18.1812
12	24	1977.5023	-97.5999	-19.7838	-3.6774	18.1873
12	25	1977.5007	97.5608	-11.5184	-2.1418	-18.18
12	26	1977.5022	97.5279	-19.1058	-3.5513	-18.1739
12	27	1977.5007	97.408	-11.5184	-2.1418	-18.1491
12	28	1977.5022	97.3752	-19.1058	-3.5513	-18.143

12	29	1977.5009	97.5614	-12.1964	-2.268	-18.1801
12	30	1977.5023	97.5285	-19.7838	-3.6774	-18.174
12	31	1977.5009	97.4086	-12.1964	-2.268	-18.1492
12	32	1977.5023	97.3758	-19.7838	-3.6774	-18.1431
13	1	1966.2029	-114.1228	-15.2006	-3.0588	23.0538
13	2	1966.2049	-114.1731	-25.1953	-5.0673	23.0639
13	3	1966.2029	-114.3752	-15.2006	-3.0588	23.107
13	4	1966.2049	-114.4256	-25.1953	-5.0673	23.1171
13	5	1966.203	-114.1224	-15.7626	-3.1714	23.0537
13	6	1966.205	-114.1728	-25.7573	-5.18	23.0638
13	7	1966.203	-114.3748	-15.7626	-3.1714	23.1069
13	8	1966.205	-114.4252	-25.7573	-5.18	23.1171
13	9	1966.2029	114.4485	-15.2006	-3.0588	-23.1217
13	10	1966.2049	114.3981	-25.1953	-5.0673	-23.1116
13	11	1966.2029	114.1961	-15.2006	-3.0588	-23.0685
13	12	1966.2049	114.1457	-25.1953	-5.0673	-23.0584
13	13	1966.203	114.4489	-15.7626	-3.1714	-23.1218
13	14	1966.205	114.3985	-25.7573	-5.18	-23.1117
13	15	1966.203	114.1964	-15.7626	-3.1714	-23.0685
13	16	1966.205	114.1461	-25.7573	-5.18	-23.0584
13	17	1966.2029	-114.1461	-15.2014	-3.0589	23.0584
13	18	1966.2049	-114.1964	-25.1962	-5.0675	23.0685
13	19	1966.2029	-114.3985	-15.2014	-3.0589	23.1117
13	20	1966.2049	-114.4489	-25.1962	-5.0675	23.1218
13	21	1966.203	-114.1457	-15.7634	-3.1716	23.0584
13	22	1966.205	-114.1961	-25.7581	-5.1801	23.0685
13	23	1966.203	-114.3981	-15.7634	-3.1716	23.1116
13	24	1966.205	-114.4485	-25.7581	-5.1801	23.1217
13	25	1966.2029	114.4252	-15.2014	-3.0589	-23.1171
13	26	1966.2049	114.3748	-25.1961	-5.0675	-23.1069
13	27	1966.2029	114.1728	-15.2014	-3.0589	-23.0638
13	28	1966.2049	114.1224	-25.1961	-5.0675	-23.0537
13	29	1966.203	114.4256	-15.7634	-3.1716	-23.1171
13	30	1966.205	114.3752	-25.7581	-5.1801	-23.107
13	31	1966.203	114.1731	-15.7634	-3.1716	-23.0639
13	32	1966.205	114.1228	-25.7581	-5.1801	-23.0538
14	1	1957.7107	-127.2042	-19.5399	-4.1757	27.3555
14	2	1957.7135	-127.2791	-32.3582	-6.9133	27.3716
14	3	1957.7107	-127.6002	-19.5399	-4.1757	27.443
14	4	1957.7135	-127.6752	-32.3582	-6.9133	27.4591
14	5	1957.7108	-127.2039	-19.9549	-4.2645	27.3555
14	6	1957.7136	-127.2789	-32.7732	-7.0021	27.3715
14	7	1957.7108	-127.6	-19.9549	-4.2645	27.443
14	8	1957.7136	-127.6749	-32.7732	-7.0021	27.459
14	9	1957.7107	127.6891	-19.5399	-4.1757	-27.4621
14	10	1957.7135	127.6141	-32.3582	-6.9133	-27.446
14	11	1957.7107	127.293	-19.5399	-4.1757	-27.3745
14	12	1957.7135	127.2181	-32.3582	-6.9133	-27.3585
14	13	1957.7108	127.6893	-19.9549	-4.2645	-27.4621
14	14	1957.7136	127.6144	-32.7732	-7.0021	-27.446
14	15	1957.7108	127.2932	-19.9549	-4.2645	-27.3746
14	16	1957.7136	127.2183	-32.7732	-7.0021	-27.3585
14	17	1957.7107	-127.2183	-19.5405	-4.1758	27.3585
14	18	1957.7135	-127.2932	-32.3588	-6.9135	27.3746
14	19	1957.7107	-127.6144	-19.5405	-4.1758	27.446
14	20	1957.7135	-127.6893	-32.3588	-6.9135	27.4621
14	21	1957.7108	-127.2181	-19.9555	-4.2646	27.3585
14	22	1957.7136	-127.293	-32.7738	-7.0023	27.3745
14	23	1957.7108	-127.6141	-19.9555	-4.2646	27.446
14	24	1957.7136	-127.6891	-32.7738	-7.0023	27.4621
14	25	1957.7107	127.6749	-19.5405	-4.1758	-27.459
14	26	1957.7135	127.6	-32.3588	-6.9135	-27.443
14	27	1957.7107	127.2789	-19.5405	-4.1758	-27.3715
14	28	1957.7135	127.2039	-32.3588	-6.9135	-27.3555
14	29	1957.7108	127.6752	-19.9555	-4.2646	-27.4591
14	30	1957.7136	127.6002	-32.7738	-7.0023	-27.443
14	31	1957.7108	127.2791	-19.9555	-4.2646	-27.3716
14	32	1957.7136	127.2042	-32.7738	-7.0023	-27.3555
15	1	1929.4519	-115.9678	-32.0117	-8.7085	31.7187
15	2	1929.4576	-115.9908	-52.9874	-14.4112	31.7359

15	3	1929.4519	-116.4896	-32.0117	-8.7085	31.8639
15	4	1929.4576	-116.5126	-52.9874	-14.4112	31.8811
15	5	1929.452	-115.9677	-32.3272	-8.794	31.7187
15	6	1929.4577	-115.9907	-53.303	-14.4967	31.7359
15	7	1929.452	-116.4895	-32.3272	-8.794	31.8639
15	8	1929.4577	-116.5125	-53.303	-14.4967	31.8811
15	9	1929.4519	116.5205	-32.0117	-8.7085	-31.8833
15	10	1929.4576	116.4975	-52.9874	-14.4112	-31.8661
15	11	1929.4519	115.9987	-32.0117	-8.7085	-31.738
15	12	1929.4576	115.9757	-52.9874	-14.4112	-31.7208
15	13	1929.452	116.5207	-32.3272	-8.794	-31.8833
15	14	1929.4577	116.4977	-53.303	-14.4967	-31.8661
15	15	1929.452	115.9988	-32.3272	-8.794	-31.7381
15	16	1929.4577	115.9758	-53.303	-14.4967	-31.7209
15	17	1929.4519	-115.9758	-32.0122	-8.7086	31.7209
15	18	1929.4576	-115.9988	-52.9879	-14.4113	31.7381
15	19	1929.4519	-116.4977	-32.0122	-8.7086	31.8661
15	20	1929.4576	-116.5207	-52.9879	-14.4113	31.8833
15	21	1929.452	-115.9757	-32.3277	-8.7941	31.7208
15	22	1929.4577	-115.9987	-53.3035	-14.4968	31.738
15	23	1929.452	-116.4975	-32.3277	-8.7941	31.8661
15	24	1929.4577	-116.5205	-53.3035	-14.4968	31.8833
15	25	1929.4519	116.5125	-32.0121	-8.7086	-31.8811
15	26	1929.4576	116.4895	-52.9879	-14.4113	-31.8639
15	27	1929.4519	115.9907	-32.0121	-8.7086	-31.7359
15	28	1929.4576	115.9677	-52.9879	-14.4113	-31.7187
15	29	1929.452	116.5126	-32.3277	-8.7941	-31.8811
15	30	1929.4577	116.4896	-53.3035	-14.4968	-31.8639
15	31	1929.452	115.9908	-32.3277	-8.7941	-31.7359
15	32	1929.4577	115.9678	-53.3035	-14.4968	-31.7187

- Caso 8 :

Nome : Caso 11

Descr. : SLU FON con SISMAX P

Tipo : SLU

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	1905.3926	32.1919	49.3939	17.4373	-14.0664
1	2	1905.3878	35.0799	62.9986	22.2332	-14.9114
1	3	1905.3926	-136.321	49.3886	17.4354	45.8212
1	4	1905.3878	-133.433	62.9933	22.2313	44.9762
1	5	1905.3925	133.5017	49.7464	17.5621	-45.0516
1	6	1905.3877	136.3897	63.3511	22.358	-45.8966
1	7	1905.3925	-35.0112	49.7412	17.5603	14.836
1	8	1905.3877	-32.1232	63.3459	22.3561	13.991
1	9	1905.3926	32.519	49.3943	17.4375	-14.1293
1	10	1905.3878	35.407	62.999	22.2333	-14.9743
1	11	1905.3926	-135.9939	49.3891	17.4356	45.7583
1	12	1905.3878	-133.1059	62.9938	22.2315	44.9133
1	13	1905.3925	133.8288	49.7468	17.5623	-45.1145
1	14	1905.3877	136.7168	63.3515	22.3582	-45.9595
1	15	1905.3925	-34.6841	49.7416	17.5604	14.7731
1	16	1905.3877	-31.7961	63.3463	22.3563	13.9281
1	17	1905.4106	31.796	-1.2886	-0.5065	-13.9281
1	18	1905.4058	34.684	12.3161	4.2894	-14.7731
1	19	1905.4106	-136.7169	-1.2938	-0.5083	45.9595
1	20	1905.4058	-133.8289	12.3109	4.2875	45.1145
1	21	1905.4104	133.1058	-0.9361	-0.3817	-44.9133
1	22	1905.4056	135.9938	12.6686	4.4142	-45.7583
1	23	1905.4104	-35.4071	-0.9413	-0.3835	14.9744
1	24	1905.4056	-32.5191	12.6634	4.4124	14.1294
1	25	1905.4106	32.1231	-1.2882	-0.5063	-13.991
1	26	1905.4058	35.0111	12.3165	4.2896	-14.836
1	27	1905.4106	-136.3898	-1.2934	-0.5082	45.8966
1	28	1905.4058	-133.5018	12.3113	4.2877	45.0516
1	29	1905.4104	133.4329	-0.9356	-0.3815	-44.9762
1	30	1905.4056	136.3209	12.6691	4.4144	-45.8212
1	31	1905.4104	-35.08	-0.9409	-0.3834	14.9115

1	32	1905.4056	-32.192	12.6638	4.4125	14.0664
2	1	1798.1937	-3315.7707	49.2299	38.2882	694.8278
2	2	2117.486	-3179.7219	-2.4757	-28.3449	697.0627
2	3	1798.1937	-3575.6363	49.2249	38.2871	750.7073
2	4	2117.486	-3439.5875	-2.4807	-28.346	752.9423
2	5	1798.1946	3438.6145	49.565	38.3595	-752.6927
2	6	2117.4869	3574.6633	-2.1406	-28.2736	-750.4577
2	7	1798.1946	3178.7489	49.56	38.3585	-696.8131
2	8	2117.4869	3314.7977	-2.1456	-28.2747	-694.5782
2	9	1798.1937	-3312.4286	49.2303	38.2883	694.0802
2	10	2117.486	-3176.3798	-2.4753	-28.3448	696.3152
2	11	1798.1937	-3572.2942	49.2254	38.2872	749.9598
2	12	2117.486	-3436.2454	-2.4803	-28.3459	752.1947
2	13	1798.1946	3441.9565	49.5654	38.3596	-753.4403
2	14	2117.4869	3578.0053	-2.1402	-28.2735	-751.2053
2	15	1798.1946	3182.0909	49.5604	38.3586	-697.5607
2	16	2117.4869	3318.1397	-2.1452	-28.2746	-695.3257
2	17	1797.752	-3318.1464	1.0904	28.0953	695.3271
2	18	2117.0443	-3182.0976	-50.6152	-38.5378	697.5621
2	19	1797.752	-3578.012	1.0854	28.0942	751.2067
2	20	2117.0443	-3441.9632	-50.6202	-38.5389	753.4417
2	21	1797.7528	3436.2387	1.4255	28.1666	-752.1933
2	22	2117.0452	3572.2875	-50.2801	-38.4665	-749.9583
2	23	1797.7528	3176.3731	1.4205	28.1656	-696.3137
2	24	2117.0452	3312.4219	-50.2851	-38.4676	-694.0788
2	25	1797.752	-3314.8044	1.0908	28.0954	694.5796
2	26	2117.0443	-3178.7556	-50.6148	-38.5378	696.8145
2	27	1797.752	-3574.6699	1.0859	28.0943	750.4592
2	28	2117.0443	-3438.6211	-50.6198	-38.5388	752.6941
2	29	1797.7528	3439.5808	1.4259	28.1667	-752.9409
2	30	2117.0452	3575.6296	-50.2797	-38.4664	-750.7059
2	31	1797.7528	3179.7152	1.4209	28.1656	-697.0613
2	32	2117.0452	3315.764	-50.2847	-38.4675	-694.8263
3	1	1901.2785	-175.3878	11.7827	-7.3135	29.7925
3	2	2013.8482	-114.5914	28.068	15.7568	28.8595
3	3	1901.2785	-350.3035	11.7828	-7.3135	67.3438
3	4	2013.8482	-289.507	28.0681	15.7569	66.4107
3	5	1901.2789	282.7498	11.7766	-7.3147	-64.9689
3	6	2013.8486	343.5463	28.062	15.7556	-65.902
3	7	1901.2789	107.8342	11.7767	-7.3147	-27.4177
3	8	2013.8486	168.6307	28.0621	15.7556	-28.3508
3	9	1901.2785	-170.3865	11.7827	-7.3135	28.7264
3	10	2013.8482	-109.59	28.068	15.7568	27.7933
3	11	1901.2785	-345.3021	11.7827	-7.3135	66.2776
3	12	2013.8482	-284.5057	28.0681	15.7569	65.3445
3	13	1901.2789	287.7512	11.7766	-7.3147	-66.0351
3	14	2013.8486	348.5477	28.062	15.7556	-66.9681
3	15	1901.2789	112.8355	11.7767	-7.3147	-28.4838
3	16	2013.8486	173.632	28.0621	15.7556	-29.4169
3	17	1901.516	-173.6259	-33.6161	-16.9656	29.4156
3	18	2014.0856	-112.8294	-17.3307	6.1047	28.4825
3	19	1901.5159	-348.5416	-33.616	-16.9656	66.9668
3	20	2014.0856	-287.7451	-17.3306	6.1048	66.0337
3	21	1901.5163	284.5118	-33.6221	-16.9668	-65.3459
3	22	2014.086	345.3082	-17.3367	6.1035	-66.2789
3	23	1901.5163	109.5961	-33.622	-16.9668	-27.7946
3	24	2014.086	170.3926	-17.3367	6.1035	-28.7277
3	25	1901.516	-168.6246	-33.6161	-16.9656	28.3494
3	26	2014.0856	-107.8281	-17.3307	6.1047	27.4164
3	27	1901.5159	-343.5402	-33.616	-16.9656	65.9007
3	28	2014.0856	-282.7437	-17.3306	6.1048	64.9676
3	29	1901.5163	289.5131	-33.6221	-16.9668	-66.412
3	30	2014.086	350.3096	-17.3368	6.1035	-67.3451
3	31	1901.5163	114.5975	-33.622	-16.9668	-28.8608
3	32	2014.086	175.3939	-17.3367	6.1035	-29.7939
4	1	1966.1856	76.0155	16.0902	3.2306	-15.4882
4	2	1966.1864	77.9672	12.2916	2.4689	-15.8389
4	3	1966.1856	-94.9488	16.0903	3.2306	19.0369
4	4	1966.1864	-92.997	12.2916	2.4689	18.6862
4	5	1966.1856	86.8635	16.0854	3.2296	-17.4817

4	6	1966.1864	88.8152	12.2868	2.4679	-17.8323
4	7	1966.1856	-84.1008	16.0855	3.2297	17.0434
4	8	1966.1864	-82.149	12.2869	2.468	16.6928
4	9	1966.1856	81.7978	16.0902	3.2306	-16.6227
4	10	1966.1864	83.7496	12.2916	2.4689	-16.9734
4	11	1966.1856	-89.1665	16.0903	3.2306	17.9023
4	12	1966.1864	-87.2147	12.2916	2.4689	17.5517
4	13	1966.1856	92.6458	16.0854	3.2296	-18.6162
4	14	1966.1864	94.5976	12.2868	2.4679	-18.9668
4	15	1966.1856	-78.3184	16.0855	3.2297	15.9089
4	16	1966.1864	-76.3667	12.2869	2.468	15.5582
4	17	1966.1928	76.3667	-19.4639	-3.9124	-15.5582
4	18	1966.1935	78.3185	-23.2625	-4.6741	-15.9089
4	19	1966.1928	-94.5975	-19.4638	-3.9124	18.9668
4	20	1966.1935	-92.6458	-23.2625	-4.6741	18.6162
4	21	1966.1928	87.2148	-19.4687	-3.9134	-17.5517
4	22	1966.1935	89.1665	-23.2673	-4.6751	-17.9023
4	23	1966.1928	-83.7495	-19.4686	-3.9134	16.9734
4	24	1966.1935	-81.7977	-23.2672	-4.6751	16.6227
4	25	1966.1928	82.1491	-19.4639	-3.9124	-16.6928
4	26	1966.1935	84.1009	-23.2625	-4.6742	-17.0434
4	27	1966.1928	-88.8152	-19.4638	-3.9124	17.8323
4	28	1966.1935	-86.8634	-23.2625	-4.6741	17.4817
4	29	1966.1928	92.9971	-19.4687	-3.9134	-18.6862
4	30	1966.1935	94.9489	-23.2673	-4.6751	-19.0369
4	31	1966.1928	-77.9671	-19.4686	-3.9134	15.8389
4	32	1966.1935	-76.0154	-23.2672	-4.6751	15.4882
5	1	1977.5074	67.0822	11.8609	2.198	-12.5146
5	2	1977.5083	67.033	6.8249	1.26	-12.5047
5	3	1977.5074	-70.3357	11.8609	2.198	13.0886
5	4	1977.5083	-70.3849	6.8249	1.26	13.0985
5	5	1977.5074	66.3343	11.8572	2.1973	-12.3706
5	6	1977.5083	66.2851	6.8212	1.2593	-12.3607
5	7	1977.5074	-71.0836	11.8573	2.1973	13.2326
5	8	1977.5083	-71.1328	6.8213	1.2594	13.2425
5	9	1977.5074	70.9251	11.8608	2.198	-13.2039
5	10	1977.5083	70.876	6.8249	1.26	-13.194
5	11	1977.5074	-66.4927	11.8609	2.198	12.3993
5	12	1977.5083	-66.5419	6.8249	1.26	12.4092
5	13	1977.5074	70.1772	11.8572	2.1973	-13.06
5	14	1977.5083	70.1281	6.8212	1.2593	-13.0501
5	15	1977.5074	-67.2406	11.8573	2.1973	12.5432
5	16	1977.5083	-67.2898	6.8213	1.2594	12.5531
5	17	1977.5124	67.2897	-15.2442	-2.8346	-12.5531
5	18	1977.5134	67.2406	-20.2802	-3.7725	-12.5432
5	19	1977.5124	-70.1281	-15.2442	-2.8346	13.0501
5	20	1977.5134	-70.1773	-20.2801	-3.7725	13.06
5	21	1977.5124	66.5418	-15.2478	-2.8352	-12.4092
5	22	1977.5134	66.4927	-20.2838	-3.7732	-12.3993
5	23	1977.5124	-70.876	-15.2478	-2.8352	13.194
5	24	1977.5134	-70.9252	-20.2838	-3.7732	13.2039
5	25	1977.5124	71.1327	-15.2442	-2.8346	-13.2425
5	26	1977.5134	71.0835	-20.2802	-3.7725	-13.2326
5	27	1977.5124	-66.2851	-15.2442	-2.8346	12.3607
5	28	1977.5134	-66.3343	-20.2801	-3.7725	12.3706
5	29	1977.5124	70.3848	-15.2478	-2.8352	-13.0985
5	30	1977.5134	70.3356	-20.2838	-3.7732	-13.0886
5	31	1977.5124	-67.033	-15.2478	-2.8352	12.5047
5	32	1977.5134	-67.0822	-20.2838	-3.7732	12.5146
6	1	1953.4627	38.9568	12.2584	2.7051	-8.647
6	2	1953.4647	38.8976	3.4707	0.7668	-8.6339
6	3	1953.4627	-40.4699	12.2584	2.7051	8.9496
6	4	1953.4647	-40.5292	3.4708	0.7668	8.9627
6	5	1953.4627	38.355	12.2545	2.7043	-8.5141
6	6	1953.4647	38.2958	3.4668	0.7659	-8.501
6	7	1953.4627	-41.0717	12.2545	2.7043	9.0824
6	8	1953.4647	-41.1309	3.4668	0.766	9.0955
6	9	1953.4627	41.021	12.2584	2.7051	-9.0713
6	10	1953.4647	40.9618	3.4707	0.7668	-9.0582
6	11	1953.4627	-38.4057	12.2584	2.7051	8.5253

6	12	1953.4647	-38.4649	3.4708	0.7668	8.5383
6	13	1953.4627	40.4193	12.2544	2.7043	-8.9384
6	14	1953.4647	40.3601	3.4668	0.7659	-8.9254
6	15	1953.4627	-39.0074	12.2545	2.7043	8.6581
6	16	1953.4647	-39.0666	3.4668	0.766	8.6712
6	17	1953.4692	39.0666	-17.0565	-3.7692	-8.6712
6	18	1953.4711	39.0074	-25.8442	-5.7075	-8.6581
6	19	1953.4692	-40.3601	-17.0564	-3.7692	8.9254
6	20	1953.4711	-40.4193	-25.8441	-5.7075	8.9384
6	21	1953.4692	38.4649	-17.0604	-3.7701	-8.5383
6	22	1953.4711	38.4056	-25.8481	-5.7084	-8.5252
6	23	1953.4692	-40.9619	-17.0604	-3.7701	9.0582
6	24	1953.4711	-41.0211	-25.8481	-5.7084	9.0713
6	25	1953.4692	41.1309	-17.0565	-3.7692	-9.0955
6	26	1953.4711	41.0717	-25.8442	-5.7075	-9.0824
6	27	1953.4692	-38.2958	-17.0564	-3.7692	8.501
6	28	1953.4711	-38.3551	-25.8441	-5.7075	8.5141
6	29	1953.4692	40.5291	-17.0604	-3.7701	-8.9626
6	30	1953.4711	40.4699	-25.8481	-5.7084	-8.9496
6	31	1953.4692	-38.8976	-17.0604	-3.7701	8.6339
6	32	1953.4711	-38.9568	-25.8481	-5.7084	8.647
7	1	1966.1982	20.8129	8.5373	1.7079	-4.2119
7	2	1966.2002	20.7722	-1.4798	-0.3061	-4.2038
7	3	1966.1982	-21.7384	8.5373	1.7079	4.3708
7	4	1966.2002	-21.7791	-1.4797	-0.3061	4.379
7	5	1966.1982	20.4127	8.5344	1.7073	-4.1316
7	6	1966.2002	20.3721	-1.4827	-0.3067	-4.1235
7	7	1966.1982	-22.1386	8.5344	1.7073	4.4512
7	8	1966.2002	-22.1792	-1.4826	-0.3067	4.4593
7	9	1966.1982	22.1077	8.5373	1.7079	-4.445
7	10	1966.2002	22.0671	-1.4798	-0.3061	-4.4368
7	11	1966.1982	-20.4436	8.5373	1.7079	4.1378
7	12	1966.2002	-20.4843	-1.4797	-0.3061	4.146
7	13	1966.1982	21.7075	8.5344	1.7073	-4.3646
7	14	1966.2002	21.6669	-1.4827	-0.3067	-4.3565
7	15	1966.1982	-20.8438	8.5344	1.7073	4.2182
7	16	1966.2002	-20.8844	-1.4826	-0.3067	4.2263
7	17	1966.2025	20.8844	-13.1596	-2.6444	-4.2263
7	18	1966.2045	20.8438	-23.1767	-4.6584	-4.2182
7	19	1966.2025	-21.6669	-13.1596	-2.6444	4.3565
7	20	1966.2045	-21.7075	-23.1766	-4.6584	4.3646
7	21	1966.2025	20.4842	-13.1625	-2.645	-4.146
7	22	1966.2045	20.4436	-23.1796	-4.659	-4.1378
7	23	1966.2025	-22.0671	-13.1625	-2.645	4.4368
7	24	1966.2045	-22.1077	-23.1795	-4.659	4.445
7	25	1966.2025	22.1792	-13.1596	-2.6444	-4.4593
7	26	1966.2045	22.1386	-23.1767	-4.6584	-4.4512
7	27	1966.2025	-20.3721	-13.1596	-2.6444	4.1235
7	28	1966.2045	-20.4127	-23.1766	-4.6584	4.1316
7	29	1966.2025	21.779	-13.1625	-2.645	-4.379
7	30	1966.2045	21.7384	-23.1796	-4.659	-4.3708
7	31	1966.2025	-20.7723	-13.1625	-2.645	4.2038
7	32	1966.2045	-20.8129	-23.1795	-4.659	4.212
8	1	1969.0151	-0.1904	6.3647	1.2518	0.0303
8	2	1969.0175	-0.2189	-5.8756	-1.156	0.0359
8	3	1969.0151	-0.2878	6.3647	1.2518	0.0364
8	4	1969.0175	-0.3162	-5.8756	-1.156	0.042
8	5	1969.0151	-0.4414	6.3623	1.2513	0.0797
8	6	1969.0175	-0.4698	-5.878	-1.1565	0.0853
8	7	1969.0151	-0.5387	6.3623	1.2513	0.0858
8	8	1969.0175	-0.5672	-5.878	-1.1564	0.0914
8	9	1969.0151	0.5223	6.3647	1.2518	-0.0826
8	10	1969.0175	0.4939	-5.8756	-1.156	-0.077
8	11	1969.0151	0.425	6.3647	1.2518	-0.0765
8	12	1969.0175	0.3965	-5.8756	-1.156	-0.0709
8	13	1969.0151	0.2714	6.3623	1.2513	-0.0332
8	14	1969.0175	0.2429	-5.878	-1.1565	-0.0276
8	15	1969.0151	0.174	6.3623	1.2513	-0.0271
8	16	1969.0175	0.1456	-5.878	-1.1564	-0.0215
8	17	1969.0186	-0.1456	-11.3965	-2.2466	0.0215

8	18	1969.021	-0.1741	-23.6368	-4.6543	0.0271
8	19	1969.0186	-0.243	-11.3965	-2.2466	0.0276
8	20	1969.021	-0.2714	-23.6368	-4.6543	0.0332
8	21	1969.0186	-0.3965	-11.3989	-2.247	0.0709
8	22	1969.021	-0.425	-23.6392	-4.6548	0.0765
8	23	1969.0186	-0.4939	-11.3989	-2.247	0.077
8	24	1969.021	-0.5223	-23.6392	-4.6548	0.0826
8	25	1969.0186	0.5672	-11.3965	-2.2466	-0.0914
8	26	1969.021	0.5387	-23.6368	-4.6543	-0.0858
8	27	1969.0186	0.4698	-11.3965	-2.2466	-0.0853
8	28	1969.021	0.4414	-23.6368	-4.6543	-0.0797
8	29	1969.0186	0.3162	-11.3989	-2.247	-0.042
8	30	1969.021	0.2878	-23.6392	-4.6548	-0.0364
8	31	1969.0186	0.2189	-11.3989	-2.247	-0.0359
8	32	1969.021	0.1904	-23.6392	-4.6548	-0.0303
9	1	1973.2676	-22.3896	4.3963	0.8348	4.2757
9	2	1973.2704	-22.4174	-10.017	-1.924	4.281
9	3	1973.2676	22.311	4.3963	0.8348	-4.2862
9	4	1973.2704	22.2832	-10.017	-1.924	-4.2809
9	5	1973.2676	-22.5471	4.3943	0.8345	4.3058
9	6	1973.2704	-22.5749	-10.0189	-1.9243	4.3111
9	7	1973.2676	22.1535	4.3944	0.8345	-4.2562
9	8	1973.2704	22.1257	-10.0189	-1.9243	-4.2509
9	9	1973.2676	-22.1539	4.3962	0.8348	4.2562
9	10	1973.2704	-22.1816	-10.017	-1.924	4.2615
9	11	1973.2676	22.5467	4.3963	0.8348	-4.3057
9	12	1973.2704	22.519	-10.017	-1.924	-4.3004
9	13	1973.2676	-22.3114	4.3943	0.8345	4.2863
9	14	1973.2704	-22.3391	-10.0189	-1.9243	4.2916
9	15	1973.2676	22.3892	4.3944	0.8345	-4.2756
9	16	1973.2704	22.3615	-10.0189	-1.9243	-4.2703
9	17	1973.2703	-22.3615	-9.8021	-1.8767	4.2703
9	18	1973.2731	-22.3893	-24.2154	-4.6355	4.2756
9	19	1973.2703	22.3391	-9.8021	-1.8767	-4.2916
9	20	1973.2731	22.3114	-24.2154	-4.6355	-4.2863
9	21	1973.2703	-22.519	-9.8041	-1.877	4.3004
9	22	1973.2731	-22.5467	-24.2173	-4.6358	4.3057
9	23	1973.2703	22.1816	-9.804	-1.877	-4.2615
9	24	1973.2731	22.1539	-24.2173	-4.6358	-4.2562
9	25	1973.2703	-22.1257	-9.8021	-1.8767	4.2509
9	26	1973.2731	-22.1535	-24.2154	-4.6355	4.2562
9	27	1973.2703	22.5749	-9.8021	-1.8767	-4.3111
9	28	1973.2731	22.5471	-24.2154	-4.6355	-4.3058
9	29	1973.2703	-22.2832	-9.8041	-1.877	4.2809
9	30	1973.2731	-22.311	-24.2173	-4.6358	4.2862
9	31	1973.2703	22.4174	-9.804	-1.877	-4.281
9	32	1973.2731	22.3896	-24.2173	-4.6358	-4.2757
10	1	1973.2569	-44.0681	2.7707	0.5286	8.4332
10	2	1973.2602	-44.1064	-14.6084	-2.7923	8.4405
10	3	1973.2569	44.4013	2.7708	0.5286	-8.5235
10	4	1973.2602	44.363	-14.6084	-2.7923	-8.5161
10	5	1973.2569	-44.164	2.7692	0.5283	8.4515
10	6	1973.2602	-44.2023	-14.6099	-2.7926	8.4588
10	7	1973.2569	44.3054	2.7692	0.5283	-8.5051
10	8	1973.2602	44.2671	-14.6099	-2.7926	-8.4978
10	9	1973.2569	-44.2843	2.7707	0.5286	8.5011
10	10	1973.2602	-44.3225	-14.6084	-2.7923	8.5084
10	11	1973.2569	44.1851	2.7708	0.5286	-8.4555
10	12	1973.2602	44.1469	-14.6084	-2.7923	-8.4482
10	13	1973.2569	-44.3802	2.7692	0.5283	8.5194
10	14	1973.2602	-44.4184	-14.6099	-2.7926	8.5267
10	15	1973.2569	44.0892	2.7692	0.5283	-8.4372
10	16	1973.2602	44.051	-14.6099	-2.7926	-8.4299
10	17	1973.2592	-44.051	-8.897	-1.7039	8.4299
10	18	1973.2625	-44.0892	-26.2761	-5.0248	8.4372
10	19	1973.2592	44.4184	-8.897	-1.7039	-8.5267
10	20	1973.2625	44.3802	-26.2761	-5.0248	-8.5194
10	21	1973.2592	-44.1469	-8.8985	-1.7042	8.4482
10	22	1973.2625	-44.1851	-26.2777	-5.0251	8.4555
10	23	1973.2592	44.3225	-8.8985	-1.7042	-8.5084

10	24	1973.2625	44.2843	-26.2776	-5.0251	-8.5011
10	25	1973.2592	-44.2671	-8.897	-1.7039	8.4978
10	26	1973.2625	-44.3054	-26.2761	-5.0248	8.5051
10	27	1973.2592	44.2023	-8.897	-1.7039	-8.4588
10	28	1973.2625	44.164	-26.2761	-5.0248	-8.4515
10	29	1973.2592	-44.3631	-8.8985	-1.7042	8.5161
10	30	1973.2625	-44.4013	-26.2777	-5.0251	8.5235
10	31	1973.2592	44.1064	-8.8985	-1.7042	-8.4405
10	32	1973.2625	44.0681	-26.2776	-5.0251	-8.4332
11	1	1953.4761	-58.9143	1.4791	0.3201	13.0523
11	2	1953.4817	-58.9691	-23.9251	-5.292	13.0644
11	3	1953.4761	59.688	1.4792	0.3201	-13.2523
11	4	1953.4817	59.6332	-23.925	-5.292	-13.2403
11	5	1953.4761	-58.9665	1.4776	0.3198	13.0638
11	6	1953.4817	-59.0213	-23.9266	-5.2923	13.0759
11	7	1953.4761	59.6359	1.4776	0.3198	-13.2408
11	8	1953.4817	59.581	-23.9266	-5.2923	-13.2288
11	9	1953.4761	-59.5904	1.4791	0.3201	13.2308
11	10	1953.4817	-59.6452	-23.9251	-5.292	13.2429
11	11	1953.4761	59.0119	1.4792	0.3201	-13.0738
11	12	1953.4817	58.9571	-23.925	-5.292	-13.0617
11	13	1953.4761	-59.6426	1.4776	0.3198	13.2423
11	14	1953.4817	-59.6974	-23.9266	-5.2923	13.2544
11	15	1953.4761	58.9598	1.4776	0.3198	-13.0623
11	16	1953.4817	58.9049	-23.9266	-5.2923	-13.0502
11	17	1953.4786	-58.9049	-10.0056	-2.2121	13.0502
11	18	1953.4842	-58.9598	-35.4098	-7.8242	13.0623
11	19	1953.4786	59.6974	-10.0056	-2.2121	-13.2544
11	20	1953.4842	59.6426	-35.4098	-7.8242	-13.2423
11	21	1953.4786	-58.9571	-10.0072	-2.2124	13.0617
11	22	1953.4842	-59.0119	-35.4114	-7.8245	13.0738
11	23	1953.4786	59.6452	-10.0071	-2.2124	-13.2429
11	24	1953.4842	59.5904	-35.4113	-7.8245	-13.2308
11	25	1953.4786	-59.5811	-10.0056	-2.2121	13.2288
11	26	1953.4842	-59.6359	-35.4098	-7.8242	13.2408
11	27	1953.4786	59.0213	-10.0056	-2.2121	-13.0759
11	28	1953.4842	58.9664	-35.4098	-7.8242	-13.0638
11	29	1953.4786	-59.6332	-10.0072	-2.2124	13.2403
11	30	1953.4842	-59.688	-35.4114	-7.8245	13.2523
11	31	1953.4786	58.9691	-10.0071	-2.2124	-13.0644
11	32	1953.4842	58.9143	-35.4113	-7.8245	-13.0523
12	1	1977.4987	-90.2764	-0.3071	-0.0583	16.8089
12	2	1977.5031	-90.3788	-23.9505	-4.4503	16.828
12	3	1977.4987	91.9955	-0.3071	-0.0583	-17.1543
12	4	1977.5031	91.8931	-23.9505	-4.4503	-17.1353
12	5	1977.4987	-90.313	-0.3081	-0.0585	16.8157
12	6	1977.5031	-90.4154	-23.9515	-4.4505	16.8348
12	7	1977.4987	91.9589	-0.308	-0.0585	-17.1475
12	8	1977.5031	91.8565	-23.9515	-4.4505	-17.1285
12	9	1977.4987	-91.863	-0.3071	-0.0583	17.1297
12	10	1977.5031	-91.9654	-23.9505	-4.4503	17.1487
12	11	1977.4987	90.4088	-0.3071	-0.0583	-16.8336
12	12	1977.5031	90.3065	-23.9505	-4.4503	-16.8145
12	13	1977.4987	-91.8996	-0.3081	-0.0585	17.1365
12	14	1977.5031	-92.002	-23.9515	-4.4505	17.1555
12	15	1977.4987	90.3723	-0.308	-0.0585	-16.8268
12	16	1977.5031	90.2699	-23.9515	-4.4505	-16.8077
12	17	1977.5	-90.2699	-7.3497	-1.3686	16.8077
12	18	1977.5044	-90.3723	-30.9931	-5.7606	16.8268
12	19	1977.5	92.002	-7.3497	-1.3686	-17.1555
12	20	1977.5044	91.8996	-30.9931	-5.7606	-17.1365
12	21	1977.5	-90.3065	-7.3506	-1.3688	16.8145
12	22	1977.5044	-90.4089	-30.9941	-5.7608	16.8336
12	23	1977.5	91.9654	-7.3506	-1.3688	-17.1487
12	24	1977.5044	91.863	-30.9941	-5.7608	-17.1297
12	25	1977.5	-91.8565	-7.3497	-1.3686	17.1285
12	26	1977.5044	-91.9589	-30.9931	-5.7606	17.1475
12	27	1977.5	90.4154	-7.3497	-1.3686	-16.8348
12	28	1977.5044	90.313	-30.9931	-5.7606	-16.8157
12	29	1977.5	-91.8931	-7.3506	-1.3688	17.1353

12	30	1977.5044	-91.9955	-30.9941	-5.7608	17.1543
12	31	1977.5	90.3788	-7.3506	-1.3688	-16.828
12	32	1977.5044	90.2764	-30.9941	-5.7608	-16.8089
13	1	1966.2003	-105.4409	-1.9877	-0.4049	21.2893
13	2	1966.2065	-105.5978	-33.1327	-6.6639	21.3208
13	3	1966.2003	108.2376	-1.9877	-0.4049	-21.8776
13	4	1966.2065	108.0807	-33.1327	-6.6639	-21.8461
13	5	1966.2003	-105.4627	-1.9885	-0.4051	21.2936
13	6	1966.2065	-105.6196	-33.1335	-6.6641	21.3251
13	7	1966.2003	108.2158	-1.9885	-0.4051	-21.8733
13	8	1966.2065	108.059	-33.1335	-6.6641	-21.8418
13	9	1966.2003	-108.0628	-1.9877	-0.4049	21.8425
13	10	1966.2065	-108.2197	-33.1327	-6.6639	21.874
13	11	1966.2003	105.6157	-1.9877	-0.4049	-21.3244
13	12	1966.2065	105.4588	-33.1327	-6.6639	-21.2929
13	13	1966.2003	-108.0846	-1.9885	-0.4051	21.8469
13	14	1966.2065	-108.2415	-33.1335	-6.6641	21.8784
13	15	1966.2003	105.5939	-1.9885	-0.4051	-21.32
13	16	1966.2065	105.437	-33.1335	-6.6641	-21.2885
13	17	1966.2014	-105.437	-7.8252	-1.5748	21.2885
13	18	1966.2077	-105.5939	-38.9703	-7.8338	21.32
13	19	1966.2014	108.2415	-7.8252	-1.5748	-21.8784
13	20	1966.2077	108.0846	-38.9702	-7.8338	-21.8469
13	21	1966.2014	-105.4588	-7.826	-1.575	21.2929
13	22	1966.2077	-105.6157	-38.971	-7.834	21.3244
13	23	1966.2014	108.2197	-7.826	-1.575	-21.874
13	24	1966.2077	108.0628	-38.971	-7.834	-21.8425
13	25	1966.2014	-108.059	-7.8252	-1.5748	21.8418
13	26	1966.2077	-108.2158	-38.9703	-7.8338	21.8733
13	27	1966.2014	105.6196	-7.8252	-1.5748	-21.3251
13	28	1966.2077	105.4627	-38.9702	-7.8338	-21.2936
13	29	1966.2014	-108.0807	-7.826	-1.575	21.8461
13	30	1966.2077	-108.2376	-38.971	-7.834	21.8776
13	31	1966.2014	105.5978	-7.826	-1.575	-21.3208
13	32	1966.2077	105.4409	-38.971	-7.834	-21.2893
14	1	1957.7074	-116.9636	-4.0292	-0.8622	25.1423
14	2	1957.716	-117.1971	-43.9728	-9.3931	25.1923
14	3	1957.7074	121.3219	-4.0292	-0.8622	-26.1036
14	4	1957.716	121.0884	-43.9728	-9.3931	-26.0536
14	5	1957.7074	-116.9768	-4.0297	-0.8624	25.1451
14	6	1957.716	-117.2103	-43.9734	-9.3932	25.1951
14	7	1957.7074	121.3087	-4.0297	-0.8624	-26.1008
14	8	1957.716	121.0752	-43.9734	-9.3932	-26.0507
14	9	1957.7074	-121.0775	-4.0292	-0.8622	26.0513
14	10	1957.716	-121.311	-43.9728	-9.3931	26.1013
14	11	1957.7074	117.2079	-4.0292	-0.8622	-25.1946
14	12	1957.716	116.9744	-43.9728	-9.3931	-25.1446
14	13	1957.7074	-121.0907	-4.0298	-0.8624	26.0541
14	14	1957.716	-121.3243	-43.9734	-9.3932	26.1041
14	15	1957.7074	117.1947	-4.0297	-0.8624	-25.1918
14	16	1957.716	116.9612	-43.9734	-9.3932	-25.1418
14	17	1957.7084	-116.9612	-8.3403	-1.7847	25.1418
14	18	1957.7169	-117.1947	-48.284	-10.3156	25.1918
14	19	1957.7084	121.3243	-8.3403	-1.7847	-26.1041
14	20	1957.7169	121.0907	-48.284	-10.3156	-26.0541
14	21	1957.7084	-116.9744	-8.3409	-1.7848	25.1446
14	22	1957.7169	-117.2079	-48.2845	-10.3157	25.1946
14	23	1957.7084	121.311	-8.3409	-1.7848	-26.1013
14	24	1957.7169	121.0775	-48.2845	-10.3157	-26.0513
14	25	1957.7084	-121.0752	-8.3403	-1.7847	26.0507
14	26	1957.7169	-121.3087	-48.284	-10.3156	26.1008
14	27	1957.7084	117.2103	-8.3403	-1.7847	-25.1951
14	28	1957.7169	116.9768	-48.284	-10.3156	-25.1451
14	29	1957.7084	-121.0884	-8.3409	-1.7848	26.0536
14	30	1957.7169	-121.3219	-48.2845	-10.3157	26.1036
14	31	1957.7084	117.1971	-8.3409	-1.7848	-25.1923
14	32	1957.7169	116.9636	-48.2845	-10.3157	-25.1423
15	1	1929.4455	-105.9211	-8.3367	-2.2734	28.9471
15	2	1929.4633	-105.9927	-73.7003	-20.0439	29.0007
15	3	1929.4455	111.4193	-8.3367	-2.2734	-30.5109

15	4	1929.4633	111.3477	-73.7003	-20.0439	-30.4573
15	5	1929.4455	-105.9286	-8.3372	-2.2735	28.9491
15	6	1929.4633	-106.0002	-73.7008	-20.044	29.0027
15	7	1929.4455	111.4118	-8.3372	-2.2735	-30.5088
15	8	1929.4633	111.3401	-73.7007	-20.044	-30.4552
15	9	1929.4455	-111.3415	-8.3367	-2.2734	30.4556
15	10	1929.4633	-111.4131	-73.7003	-20.0439	30.5092
15	11	1929.4455	105.9989	-8.3367	-2.2734	-29.0023
15	12	1929.4633	105.9272	-73.7003	-20.0439	-28.9487
15	13	1929.4455	-111.349	-8.3372	-2.2735	30.4576
15	14	1929.4633	-111.4207	-73.7008	-20.044	30.5112
15	15	1929.4455	105.9914	-8.3372	-2.2735	-29.0003
15	16	1929.4633	105.9197	-73.7007	-20.044	-28.9467
15	17	1929.4464	-105.9197	-11.6144	-3.1613	28.9467
15	18	1929.4642	-105.9914	-76.9779	-20.9318	29.0003
15	19	1929.4464	111.4207	-11.6144	-3.1613	-30.5112
15	20	1929.4642	111.349	-76.9779	-20.9318	-30.4576
15	21	1929.4464	-105.9272	-11.6148	-3.1614	28.9487
15	22	1929.4642	-105.9989	-76.9784	-20.932	29.0023
15	23	1929.4464	111.4131	-11.6148	-3.1614	-30.5092
15	24	1929.4642	111.3415	-76.9784	-20.932	-30.4556
15	25	1929.4464	-111.3401	-11.6144	-3.1613	30.4552
15	26	1929.4642	-111.4118	-76.978	-20.9318	30.5088
15	27	1929.4464	106.0002	-11.6144	-3.1613	-29.0027
15	28	1929.4642	105.9286	-76.9779	-20.9318	-28.9491
15	29	1929.4464	-111.3477	-11.6148	-3.1614	30.4573
15	30	1929.4642	-111.4193	-76.9784	-20.932	30.5109
15	31	1929.4464	105.9927	-11.6148	-3.1614	-29.0007
15	32	1929.4642	105.9211	-76.9784	-20.932	-28.9471

- Caso 9 :

Nome : Caso 12

Descr. : SLU FON con SISMAY P

Tipo : SLU

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	1905.399	110.5715	31.25	11.0136	-47.7596
1	2	1905.3942	113.4594	44.8547	15.8095	-48.6046
1	3	1905.399	110.6696	31.2501	11.0136	-47.7784
1	4	1905.3942	113.5575	44.8548	15.8095	-48.6234
1	5	1905.4044	110.4527	16.0453	5.6304	-47.7181
1	6	1905.3996	113.3407	29.65	10.4263	-48.5631
1	7	1905.4044	110.5508	16.0454	5.6305	-47.7369
1	8	1905.3996	113.4388	29.6501	10.4264	-48.5819
1	9	1905.399	-451.1382	31.2325	11.0074	151.8659
1	10	1905.3942	-448.2502	44.8372	15.8033	151.0209
1	11	1905.399	-451.0401	31.2327	11.0074	151.847
1	12	1905.3942	-448.1521	44.8374	15.8033	151.002
1	13	1905.4044	-451.2569	16.0278	5.6243	151.9074
1	14	1905.3996	-448.369	29.6325	10.4202	151.0624
1	15	1905.4044	-451.1588	16.0279	5.6243	151.8885
1	16	1905.3996	-448.2709	29.6326	10.4202	151.0435
1	17	1905.3986	448.2708	32.4251	11.4296	-151.0435
1	18	1905.3938	451.1587	46.0298	16.2255	-151.8885
1	19	1905.3986	448.3689	32.4252	11.4297	-151.0623
1	20	1905.3938	451.2569	46.0299	16.2255	-151.9074
1	21	1905.404	448.152	17.2203	6.0465	-151.002
1	22	1905.3992	451.04	30.825	10.8424	-151.847
1	23	1905.404	448.2501	17.2205	6.0465	-151.0208
1	24	1905.3992	451.1381	30.8252	10.8424	-151.8659
1	25	1905.3986	-113.4389	32.4076	11.4234	48.582
1	26	1905.3938	-110.5509	46.0123	16.2193	47.737
1	27	1905.3986	-113.3407	32.4078	11.4235	48.5631
1	28	1905.3938	-110.4528	46.0125	16.2194	47.7181
1	29	1905.404	-113.5576	17.2029	6.0403	48.6235
1	30	1905.3992	-110.6697	30.8076	10.8362	47.7785
1	31	1905.404	-113.4595	17.203	6.0403	48.6046
1	32	1905.3992	-110.5715	30.8077	10.8362	47.7596

2	1	1798.0381	-10892.3719	31.9961	34.6387	2318.3219
2	2	2117.3305	-10756.3231	-19.7095	-31.9944	2320.5569
2	3	1798.0381	-10891.3693	31.9963	34.6388	2318.0976
2	4	2117.3305	-10755.3205	-19.7094	-31.9944	2320.3326
2	5	1797.9056	-10893.0846	17.5543	31.5809	2318.4717
2	6	2117.1979	-10757.0358	-34.1514	-35.0523	2320.7067
2	7	1797.9056	-10892.082	17.5544	31.5809	2318.2475
2	8	2117.1979	-10756.0332	-34.1512	-35.0523	2320.4824
2	9	1798.0381	-11758.5905	31.9795	34.6352	2504.5872
2	10	2117.3304	-11622.5417	-19.7261	-31.9979	2506.8221
2	11	1798.0381	-11757.5879	31.9797	34.6352	2504.3629
2	12	2117.3304	-11621.5391	-19.726	-31.9979	2506.5979
2	13	1797.9056	-11759.3033	17.5377	31.5773	2504.737
2	14	2117.1979	-11623.2545	-34.1679	-35.0558	2506.9719
2	15	1797.9056	-11758.3006	17.5378	31.5773	2504.5127
2	16	2117.1979	-11622.2518	-34.1678	-35.0558	2506.7477
2	17	1798.041	11622.2452	33.113	34.8765	-2506.7462
2	18	2117.3333	11758.294	-18.5926	-31.7566	-2504.5113
2	19	1798.041	11623.2478	33.1132	34.8765	-2506.9705
2	20	2117.3333	11759.2966	-18.5925	-31.7566	-2504.7356
2	21	1797.9085	11621.5324	18.6712	31.8186	-2506.5964
2	22	2117.2008	11757.5812	-33.0344	-34.8145	-2504.3615
2	23	1797.9085	11622.5351	18.6713	31.8187	-2506.8207
2	24	2117.2008	11758.5839	-33.0343	-34.8145	-2504.5857
2	25	1798.0409	10756.0265	33.0964	34.873	-2320.481
2	26	2117.3333	10892.0753	-18.6092	-31.7602	-2318.246
2	27	1798.0409	10757.0292	33.0966	34.873	-2320.7052
2	28	2117.3333	10893.078	-18.6091	-31.7601	-2318.4703
2	29	1797.9084	10755.3138	18.6546	31.8151	-2320.3312
2	30	2117.2008	10891.3626	-33.051	-34.818	-2318.0962
2	31	1797.9084	10756.3164	18.6547	31.8151	-2320.5554
2	32	2117.2008	10892.3652	-33.0509	-34.818	-2318.3205
3	1	1901.3612	-503.4464	-4.1	-10.6903	96.0327
3	2	2013.9308	-442.6499	12.1854	12.38	95.0996
3	3	1901.3612	-501.946	-4.1	-10.6903	95.7129
3	4	2013.9308	-441.1495	12.1854	12.38	94.7798
3	5	1901.4324	-502.9178	-17.7196	-13.586	95.9196
3	6	2014.002	-442.1213	-1.4342	9.4844	94.9865
3	7	1901.4324	-501.4174	-17.7196	-13.586	95.5998
3	8	2014.002	-440.6209	-1.4342	9.4844	94.6667
3	9	1901.3612	-1086.4986	-4.0997	-10.6903	221.2035
3	10	2013.9308	-1025.7021	12.1857	12.3801	220.2704
3	11	1901.3612	-1084.9982	-4.0997	-10.6903	220.8836
3	12	2013.9308	-1024.2017	12.1857	12.3801	219.9506
3	13	1901.4324	-1085.97	-17.7193	-13.5859	221.0904
3	14	2014.002	-1025.1735	-1.4339	9.4844	220.1573
3	15	1901.4324	-1084.4696	-17.7193	-13.5859	220.7706
3	16	2014.002	-1023.6731	-1.4339	9.4844	219.8375
3	17	1901.3625	1023.6792	-4.1201	-10.6944	-219.8388
3	18	2013.9321	1084.4757	12.1653	12.3759	-220.7719
3	19	1901.3625	1025.1796	-4.1201	-10.6944	-220.1586
3	20	2013.9321	1085.9761	12.1653	12.3759	-221.0917
3	21	1901.4337	1024.2078	-17.7397	-13.59	-219.9519
3	22	2014.0033	1085.0043	-1.4543	9.4803	-220.885
3	23	1901.4337	1025.7082	-17.7397	-13.59	-220.2717
3	24	2014.0033	1086.5047	-1.4543	9.4803	-221.2048
3	25	1901.3625	440.627	-4.1198	-10.6943	-94.668
3	26	2013.9321	501.4235	12.1656	12.376	-95.6011
3	27	1901.3625	442.1274	-4.1198	-10.6943	-94.9879
3	28	2013.9321	502.9239	12.1656	12.376	-95.9209
3	29	1901.4337	441.1556	-17.7394	-13.59	-94.7811
3	30	2014.0033	501.9521	-1.454	9.4804	-95.7142
3	31	1901.4337	442.656	-17.7394	-13.59	-95.1009
3	32	2014.0033	503.4525	-1.454	9.4804	-96.034
4	1	1966.1881	264.9645	3.6518	0.7316	-53.8634
4	2	1966.1889	266.9162	-0.1469	-0.0301	-54.214
4	3	1966.1881	266.6992	3.6518	0.7316	-54.2037
4	4	1966.1889	268.651	-0.1469	-0.0301	-54.5544
4	5	1966.1903	265.0699	-7.0145	-1.4113	-53.8844
4	6	1966.191	267.0216	-10.8131	-2.173	-54.235

4	7	1966.1903	266.8046	-7.0145	-1.4113	-54.2247
4	8	1966.191	268.7563	-10.8131	-2.173	-54.5754
4	9	1966.1881	-304.9164	3.652	0.7317	61.2202
4	10	1966.1889	-302.9646	-0.1466	-0.03	60.8696
4	11	1966.1881	-303.1817	3.652	0.7317	60.8798
4	12	1966.1889	-301.2299	-0.1466	-0.03	60.5292
4	13	1966.1903	-304.811	-7.0142	-1.4112	61.1992
4	14	1966.191	-302.8592	-10.8129	-2.1729	60.8485
4	15	1966.1903	-303.0763	-7.0142	-1.4112	60.8588
4	16	1966.191	-301.1245	-10.8129	-2.1729	60.5082
4	17	1966.1881	301.1246	3.6359	0.7284	-60.5082
4	18	1966.1889	303.0763	-0.1628	-0.0333	-60.8589
4	19	1966.1881	302.8593	3.6359	0.7284	-60.8486
4	20	1966.1889	304.8111	-0.1628	-0.0333	-61.1992
4	21	1966.1903	301.23	-7.0304	-1.4145	-60.5292
4	22	1966.191	303.1817	-10.829	-2.1762	-60.8799
4	23	1966.1903	302.9647	-7.0304	-1.4145	-60.8696
4	24	1966.191	304.9164	-10.829	-2.1762	-61.2202
4	25	1966.1881	-268.7563	3.6361	0.7285	54.5754
4	26	1966.1889	-266.8045	-0.1626	-0.0332	54.2247
4	27	1966.1881	-267.0216	3.6361	0.7285	54.235
4	28	1966.1889	-265.0698	-0.1626	-0.0332	53.8844
4	29	1966.1903	-268.6509	-7.0301	-1.4144	54.5544
4	30	1966.191	-266.6991	-10.8288	-2.1761	54.2037
4	31	1966.1903	-266.9162	-7.0301	-1.4144	54.214
4	32	1966.191	-264.9644	-10.8288	-2.1761	53.8634
5	1	1977.5092	229.6932	2.3783	0.4374	-42.8077
5	2	1977.5101	229.644	-2.6577	-0.5006	-42.7978
5	3	1977.5092	230.8461	2.3783	0.4374	-43.0145
5	4	1977.5101	230.7969	-2.6577	-0.5006	-43.0046
5	5	1977.5107	229.7555	-5.7533	-1.0724	-42.8193
5	6	1977.5116	229.7063	-10.7892	-2.0104	-42.8094
5	7	1977.5107	230.9084	-5.7533	-1.0724	-43.0261
5	8	1977.5116	230.8592	-10.7892	-2.0104	-43.0162
5	9	1977.5092	-228.3663	2.3784	0.4374	42.5363
5	10	1977.5101	-228.4155	-2.6575	-0.5006	42.5462
5	11	1977.5092	-227.2134	2.3784	0.4374	42.3295
5	12	1977.5101	-227.2626	-2.6575	-0.5006	42.3394
5	13	1977.5107	-228.304	-5.7531	-1.0724	42.5247
5	14	1977.5116	-228.3532	-10.7891	-2.0103	42.5346
5	15	1977.5107	-227.1511	-5.7531	-1.0724	42.3179
5	16	1977.5116	-227.2003	-10.7891	-2.0103	42.3278
5	17	1977.5092	227.2003	2.3661	0.4351	-42.3278
5	18	1977.5101	227.1511	-2.6698	-0.5029	-42.3179
5	19	1977.5092	228.3532	2.3661	0.4351	-42.5346
5	20	1977.5101	228.304	-2.6698	-0.5029	-42.5247
5	21	1977.5107	227.2625	-5.7654	-1.0746	-42.3394
5	22	1977.5116	227.2134	-10.8014	-2.0126	-42.3295
5	23	1977.5107	228.4154	-5.7654	-1.0746	-42.5462
5	24	1977.5116	228.3662	-10.8014	-2.0126	-42.5363
5	25	1977.5092	-230.8593	2.3663	0.4352	43.0162
5	26	1977.5101	-230.9084	-2.6697	-0.5028	43.0261
5	27	1977.5092	-229.7064	2.3663	0.4352	42.8094
5	28	1977.5101	-229.7555	-2.6697	-0.5028	42.8193
5	29	1977.5107	-230.797	-5.7652	-1.0746	43.0046
5	30	1977.5116	-230.8462	-10.8012	-2.0126	43.0145
5	31	1977.5107	-229.6441	-5.7652	-1.0746	42.7978
5	32	1977.5116	-229.6933	-10.8012	-2.0126	42.8077
6	1	1953.465	133.0843	2.0027	0.4401	-29.4882
6	2	1953.4669	133.0251	-6.785	-1.4982	-29.4751
6	3	1953.465	133.7036	2.0027	0.4401	-29.6155
6	4	1953.4669	133.6444	-6.785	-1.4982	-29.6024
6	5	1953.4669	133.1172	-6.7918	-1.5022	-29.4955
6	6	1953.4689	133.058	-15.5795	-3.4405	-29.4824
6	7	1953.4669	133.7365	-6.7918	-1.5022	-29.6228
6	8	1953.4689	133.6773	-15.5795	-3.4405	-29.6097
6	9	1953.465	-131.6715	2.0029	0.4401	29.1669
6	10	1953.4669	-131.7307	-6.7848	-1.4982	29.18
6	11	1953.465	-131.0522	2.0029	0.4401	29.0396
6	12	1953.4669	-131.1114	-6.7848	-1.4982	29.0527

6	13	1953.4669	-131.6385	-6.7916	-1.5022	29.1596
6	14	1953.4689	-131.6977	-15.5793	-3.4405	29.1727
6	15	1953.4669	-131.0193	-6.7916	-1.5022	29.0323
6	16	1953.4689	-131.0785	-15.5793	-3.4405	29.0454
6	17	1953.465	131.0784	1.9896	0.4372	-29.0454
6	18	1953.4669	131.0192	-6.7981	-1.5011	-29.0323
6	19	1953.465	131.6977	1.9896	0.4372	-29.1727
6	20	1953.4669	131.6385	-6.7981	-1.5011	-29.1596
6	21	1953.4669	131.1114	-6.8049	-1.5051	-29.0527
6	22	1953.4689	131.0522	-15.5926	-3.4434	-29.0396
6	23	1953.4669	131.7307	-6.8049	-1.5051	-29.18
6	24	1953.4689	131.6715	-15.5926	-3.4434	-29.1669
6	25	1953.465	-133.6773	1.9898	0.4372	29.6097
6	26	1953.4669	-133.7365	-6.7979	-1.5011	29.6228
6	27	1953.465	-133.0581	1.9898	0.4372	29.4824
6	28	1953.4669	-133.1173	-6.7979	-1.5011	29.4955
6	29	1953.4669	-133.6444	-6.8047	-1.5051	29.6024
6	30	1953.4689	-133.7036	-15.5924	-3.4434	29.6155
6	31	1953.4669	-133.0251	-6.8047	-1.5051	29.4751
6	32	1953.4689	-133.0843	-15.5924	-3.4434	29.4882
7	1	1966.1997	71.4011	0.9467	0.1852	-14.4055
7	2	1966.2017	71.3605	-9.0703	-1.8287	-14.3973
7	3	1966.1997	71.7896	0.9467	0.1852	-14.4754
7	4	1966.2017	71.749	-9.0703	-1.8287	-14.4672
7	5	1966.201	71.4226	-5.5624	-1.1205	-14.4098
7	6	1966.203	71.382	-15.5794	-3.1344	-14.4016
7	7	1966.201	71.8111	-5.5624	-1.1205	-14.4797
7	8	1966.203	71.7704	-15.5794	-3.1344	-14.4716
7	9	1966.1997	-70.4365	0.9469	0.1853	14.2038
7	10	1966.2017	-70.4772	-9.0702	-1.8287	14.212
7	11	1966.1997	-70.0481	0.9469	0.1853	14.1339
7	12	1966.2017	-70.0887	-9.0702	-1.8287	14.1421
7	13	1966.201	-70.4151	-5.5622	-1.1204	14.1995
7	14	1966.203	-70.4557	-15.5793	-3.1344	14.2077
7	15	1966.201	-70.0266	-5.5622	-1.1204	14.1296
7	16	1966.203	-70.0673	-15.5793	-3.1344	14.1378
7	17	1966.1997	70.0672	0.937	0.1833	-14.1378
7	18	1966.2017	70.0266	-9.0801	-1.8307	-14.1296
7	19	1966.1997	70.4557	0.937	0.1833	-14.2077
7	20	1966.2017	70.4151	-9.0801	-1.8307	-14.1995
7	21	1966.201	70.0887	-5.5721	-1.1224	-14.1421
7	22	1966.203	70.0481	-15.5891	-3.1364	-14.1339
7	23	1966.201	70.4771	-5.5721	-1.1224	-14.212
7	24	1966.203	70.4365	-15.5891	-3.1364	-14.2038
7	25	1966.1997	-71.7705	0.9371	0.1833	14.4716
7	26	1966.2017	-71.8111	-9.0799	-1.8307	14.4797
7	27	1966.1997	-71.382	0.9371	0.1833	14.4017
7	28	1966.2017	-71.4226	-9.0799	-1.8307	14.4098
7	29	1966.201	-71.749	-5.5719	-1.1224	14.4672
7	30	1966.203	-71.7896	-15.589	-3.1364	14.4754
7	31	1966.201	-71.3605	-5.5719	-1.1224	14.3973
7	32	1966.203	-71.4012	-15.589	-3.1364	14.4055
8	1	1969.0163	0.4811	0.151	0.0279	-0.077
8	2	1969.0187	0.4526	-12.0893	-2.3799	-0.0714
8	3	1969.0163	0.6949	0.151	0.0279	-0.1109
8	4	1969.0187	0.6664	-12.0893	-2.3799	-0.1053
8	5	1969.0173	0.4945	-5.1774	-1.0216	-0.0797
8	6	1969.0197	0.4661	-17.4177	-3.4294	-0.0741
8	7	1969.0173	0.7083	-5.1774	-1.0216	-0.1136
8	8	1969.0197	0.6799	-17.4177	-3.4294	-0.108
8	9	1969.0163	0.1566	0.1511	0.0279	-0.0566
8	10	1969.0187	0.1281	-12.0892	-2.3798	-0.051
8	11	1969.0163	0.3704	0.1511	0.0279	-0.0905
8	12	1969.0187	0.3419	-12.0892	-2.3798	-0.0849
8	13	1969.0173	0.17	-5.1773	-1.0216	-0.0593
8	14	1969.0197	0.1416	-17.4175	-3.4294	-0.0537
8	15	1969.0173	0.3838	-5.1773	-1.0216	-0.0932
8	16	1969.0197	0.3554	-17.4175	-3.4294	-0.0876
8	17	1969.0163	-0.3554	0.143	0.0263	0.0876
8	18	1969.0187	-0.3838	-12.0972	-2.3814	0.0932

8	19	1969.0163	-0.1416	0.143	0.0263	0.0537
8	20	1969.0187	-0.17	-12.0972	-2.3814	0.0593
8	21	1969.0173	-0.342	-5.1853	-1.0232	0.0849
8	22	1969.0197	-0.3704	-17.4256	-3.4309	0.0905
8	23	1969.0173	-0.1281	-5.1853	-1.0232	0.0511
8	24	1969.0197	-0.1566	-17.4256	-3.4309	0.0566
8	25	1969.0163	-0.6799	0.1431	0.0264	0.108
8	26	1969.0187	-0.7083	-12.0971	-2.3814	0.1136
8	27	1969.0163	-0.4661	0.1431	0.0264	0.0741
8	28	1969.0187	-0.4945	-12.0971	-2.3814	0.0797
8	29	1969.0173	-0.6665	-5.1852	-1.0232	0.1053
8	30	1969.0197	-0.6949	-17.4255	-3.4309	0.1109
8	31	1969.0173	-0.4526	-5.1852	-1.0232	0.0714
8	32	1969.0197	-0.4811	-17.4255	-3.4309	0.077
9	1	1973.2686	-74.2642	-0.571	-0.1138	14.2208
9	2	1973.2713	-74.292	-14.9843	-2.8726	14.2261
9	3	1973.2686	-74.1935	-0.571	-0.1138	14.215
9	4	1973.2713	-74.2212	-14.9843	-2.8726	14.2203
9	5	1973.2694	-74.2558	-4.8305	-0.9272	14.2192
9	6	1973.2721	-74.2835	-19.2438	-3.686	14.2245
9	7	1973.2694	-74.1851	-4.8305	-0.9272	14.2134
9	8	1973.2721	-74.2128	-19.2438	-3.686	14.2187
9	9	1973.2686	74.7378	-0.5709	-0.1138	-14.319
9	10	1973.2713	74.71	-14.9842	-2.8726	-14.3137
9	11	1973.2686	74.8085	-0.5709	-0.1138	-14.3248
9	12	1973.2713	74.7808	-14.9842	-2.8726	-14.3195
9	13	1973.2694	74.7462	-4.8304	-0.9272	-14.3206
9	14	1973.2721	74.7185	-19.2437	-3.686	-14.3153
9	15	1973.2694	74.817	-4.8304	-0.9272	-14.3264
9	16	1973.2721	74.7892	-19.2437	-3.686	-14.3211
9	17	1973.2686	-74.7892	-0.5774	-0.115	14.3211
9	18	1973.2713	-74.817	-14.9906	-2.8738	14.3264
9	19	1973.2686	-74.7185	-0.5774	-0.115	14.3153
9	20	1973.2713	-74.7462	-14.9906	-2.8738	14.3206
9	21	1973.2694	-74.7808	-4.8369	-0.9284	14.3195
9	22	1973.2721	-74.8085	-19.2501	-3.6872	14.3248
9	23	1973.2694	-74.71	-4.8369	-0.9284	14.3137
9	24	1973.2721	-74.7378	-19.2501	-3.6872	14.319
9	25	1973.2686	74.2128	-0.5773	-0.115	-14.2187
9	26	1973.2713	74.1851	-14.9905	-2.8738	-14.2134
9	27	1973.2686	74.2835	-0.5773	-0.115	-14.2245
9	28	1973.2713	74.2558	-14.9905	-2.8738	-14.2192
9	29	1973.2694	74.2212	-4.8368	-0.9284	-14.2203
9	30	1973.2721	74.1935	-19.25	-3.6872	-14.215
9	31	1973.2694	74.292	-4.8368	-0.9284	-14.2261
9	32	1973.2721	74.2642	-19.25	-3.6872	-14.2208
10	1	1973.2577	-147.2402	-1.3112	-0.2525	28.2171
10	2	1973.261	-147.2784	-18.6903	-3.5733	28.2244
10	3	1973.2577	-147.305	-1.3112	-0.2525	28.2375
10	4	1973.261	-147.3433	-18.6903	-3.5733	28.2448
10	5	1973.2584	-147.235	-4.8115	-0.9222	28.2161
10	6	1973.2617	-147.2733	-22.1906	-4.2431	28.2234
10	7	1973.2584	-147.2999	-4.8115	-0.9222	28.2365
10	8	1973.2617	-147.3381	-22.1906	-4.2431	28.2438
10	9	1973.2577	147.6579	-1.3111	-0.2524	-28.3049
10	10	1973.261	147.6196	-18.6902	-3.5733	-28.2976
10	11	1973.2577	147.593	-1.3111	-0.2524	-28.2846
10	12	1973.261	147.5548	-18.6902	-3.5733	-28.2772
10	13	1973.2584	147.663	-4.8114	-0.9222	-28.3059
10	14	1973.2617	147.6248	-22.1905	-4.2431	-28.2986
10	15	1973.2584	147.5982	-4.8114	-0.9222	-28.2855
10	16	1973.2617	147.5599	-22.1905	-4.2431	-28.2782
10	17	1973.2577	-147.5599	-1.3164	-0.2535	28.2782
10	18	1973.261	-147.5982	-18.6955	-3.5743	28.2855
10	19	1973.2577	-147.6248	-1.3164	-0.2535	28.2986
10	20	1973.261	-147.663	-18.6955	-3.5743	28.3059
10	21	1973.2584	-147.5548	-4.8167	-0.9232	28.2772
10	22	1973.2617	-147.593	-22.1958	-4.2441	28.2846
10	23	1973.2584	-147.6196	-4.8167	-0.9232	28.2976
10	24	1973.2617	-147.6579	-22.1958	-4.2441	28.3049

10	25	1973.2577	147.3381	-1.3163	-0.2534	-28.2438
10	26	1973.261	147.2999	-18.6954	-3.5743	-28.2365
10	27	1973.2577	147.2733	-1.3163	-0.2534	-28.2234
10	28	1973.261	147.235	-18.6954	-3.5743	-28.2161
10	29	1973.2584	147.3433	-4.8166	-0.9232	-28.2448
10	30	1973.2617	147.305	-22.1957	-4.2441	-28.2375
10	31	1973.2584	147.2784	-4.8166	-0.9232	-28.2244
10	32	1973.2617	147.2402	-22.1957	-4.2441	-28.2171
11	1	1953.477	-197.4561	-2.5387	-0.5658	43.7894
11	2	1953.4826	-197.5109	-27.943	-6.1779	43.8014
11	3	1953.477	-197.659	-2.5387	-0.5658	43.8429
11	4	1953.4826	-197.7138	-27.943	-6.1779	43.855
11	5	1953.4777	-197.4533	-5.9842	-1.3254	43.7888
11	6	1953.4834	-197.5081	-31.3884	-6.9375	43.8008
11	7	1953.4777	-197.6562	-5.9842	-1.3254	43.8423
11	8	1953.4834	-197.711	-31.3884	-6.9375	43.8544
11	9	1953.477	197.8849	-2.5387	-0.5657	-43.8927
11	10	1953.4826	197.8301	-27.9429	-6.1779	-43.8806
11	11	1953.477	197.6821	-2.5387	-0.5657	-43.8391
11	12	1953.4826	197.6273	-27.9429	-6.1779	-43.8271
11	13	1953.4777	197.8877	-5.9841	-1.3254	-43.8933
11	14	1953.4834	197.8329	-31.3883	-6.9375	-43.8812
11	15	1953.4777	197.6849	-5.9841	-1.3254	-43.8398
11	16	1953.4834	197.6301	-31.3883	-6.9375	-43.8277
11	17	1953.477	-197.6301	-2.5439	-0.5669	43.8277
11	18	1953.4826	-197.6849	-27.9481	-6.179	43.8398
11	19	1953.477	-197.8329	-2.5439	-0.5669	43.8812
11	20	1953.4826	-197.8877	-27.9481	-6.179	43.8933
11	21	1953.4777	-197.6273	-5.9893	-1.3265	43.8271
11	22	1953.4834	-197.6821	-31.3935	-6.9387	43.8391
11	23	1953.4777	-197.8301	-5.9893	-1.3265	43.8806
11	24	1953.4834	-197.8849	-31.3935	-6.9387	43.8927
11	25	1953.477	197.711	-2.5438	-0.5669	-43.8544
11	26	1953.4826	197.6562	-27.948	-6.179	-43.8423
11	27	1953.477	197.5081	-2.5438	-0.5669	-43.8008
11	28	1953.4826	197.4533	-27.948	-6.179	-43.7888
11	29	1953.4777	197.7138	-5.9892	-1.3265	-43.855
11	30	1953.4834	197.659	-31.3934	-6.9386	-43.8429
11	31	1953.4777	197.5109	-5.9892	-1.3265	-43.8014
11	32	1953.4834	197.4561	-31.3934	-6.9386	-43.7894
12	1	1977.4991	-303.4373	-2.7709	-0.5167	56.5366
12	2	1977.5035	-303.5397	-26.4144	-4.9087	56.5556
12	3	1977.4991	-303.9133	-2.7709	-0.5167	56.6328
12	4	1977.5035	-304.0157	-26.4144	-4.9087	56.6519
12	5	1977.4995	-303.4353	-4.8837	-0.9098	56.5362
12	6	1977.5039	-303.5377	-28.5271	-5.3018	56.5553
12	7	1977.4995	-303.9113	-4.8837	-0.9098	56.6325
12	8	1977.5039	-304.0137	-28.5271	-5.3018	56.6515
12	9	1977.4991	304.1357	-2.7709	-0.5167	-56.6742
12	10	1977.5035	304.0333	-26.4143	-4.9087	-56.6551
12	11	1977.4991	303.6597	-2.7709	-0.5167	-56.578
12	12	1977.5035	303.5573	-26.4143	-4.9087	-56.5589
12	13	1977.4995	304.1376	-4.8837	-0.9098	-56.6745
12	14	1977.5039	304.0353	-28.5271	-5.3018	-56.6555
12	15	1977.4995	303.6617	-4.8837	-0.9098	-56.5783
12	16	1977.5039	303.5593	-28.5271	-5.3018	-56.5593
12	17	1977.4991	-303.5593	-2.7741	-0.5173	56.5593
12	18	1977.5035	-303.6617	-26.4175	-4.9093	56.5783
12	19	1977.4991	-304.0353	-2.7741	-0.5173	56.6555
12	20	1977.5035	-304.1376	-26.4175	-4.9093	56.6745
12	21	1977.4995	-303.5573	-4.8869	-0.9104	56.5589
12	22	1977.5039	-303.6597	-28.5303	-5.3024	56.578
12	23	1977.4995	-304.0333	-4.8869	-0.9104	56.6551
12	24	1977.5039	-304.1357	-28.5303	-5.3024	56.6742
12	25	1977.4991	304.0137	-2.774	-0.5173	-56.6515
12	26	1977.5035	303.9113	-26.4175	-4.9093	-56.6325
12	27	1977.4991	303.5377	-2.774	-0.5173	-56.5553
12	28	1977.5035	303.4353	-26.4175	-4.9093	-56.5362
12	29	1977.4995	304.0157	-4.8868	-0.9104	-56.6519
12	30	1977.5039	303.9133	-28.5302	-5.3024	-56.6328

12	31	1977.4995	303.5397	-4.8868	-0.9104	-56.5556
12	32	1977.5039	303.4373	-28.5302	-5.3024	-56.5366
13	1	1966.2007	-355.6234	-4.0299	-0.8142	71.8389
13	2	1966.2069	-355.7803	-35.175	-7.0732	71.8704
13	3	1966.2007	-356.41	-4.0299	-0.8142	72.0049
13	4	1966.2069	-356.5669	-35.175	-7.0732	72.0364
13	5	1966.201	-355.6223	-5.7812	-1.1652	71.8387
13	6	1966.2073	-355.7791	-36.9262	-7.4242	71.8702
13	7	1966.201	-356.4088	-5.7812	-1.1652	72.0047
13	8	1966.2073	-356.5657	-36.9262	-7.4242	72.0362
13	9	1966.2007	356.6383	-4.0299	-0.8142	-72.0507
13	10	1966.2069	356.4815	-35.1749	-7.0732	-72.0192
13	11	1966.2007	355.8518	-4.0299	-0.8142	-71.8847
13	12	1966.2069	355.6949	-35.1749	-7.0732	-71.8532
13	13	1966.201	356.6395	-5.7811	-1.1652	-72.051
13	14	1966.2073	356.4826	-36.9262	-7.4242	-72.0195
13	15	1966.201	355.8529	-5.7811	-1.1652	-71.885
13	16	1966.2073	355.6961	-36.9262	-7.4242	-71.8535
13	17	1966.2007	-355.6961	-4.0325	-0.8147	71.8535
13	18	1966.2069	-355.8529	-35.1776	-7.0737	71.885
13	19	1966.2007	-356.4826	-4.0325	-0.8147	72.0195
13	20	1966.2069	-356.6395	-35.1776	-7.0737	72.051
13	21	1966.201	-355.6949	-5.7838	-1.1657	71.8532
13	22	1966.2073	-355.8518	-36.9288	-7.4247	71.8847
13	23	1966.201	-356.4815	-5.7838	-1.1657	72.0192
13	24	1966.2073	-356.6383	-36.9288	-7.4247	72.0507
13	25	1966.2007	356.5657	-4.0325	-0.8147	-72.0362
13	26	1966.2069	356.4088	-35.1775	-7.0737	-72.0047
13	27	1966.2007	355.7791	-4.0325	-0.8147	-71.8702
13	28	1966.2069	355.6223	-35.1775	-7.0737	-71.8387
13	29	1966.201	356.5669	-5.7838	-1.1657	-72.0364
13	30	1966.2073	356.41	-36.9288	-7.4247	-72.0049
13	31	1966.201	355.7803	-5.7838	-1.1657	-71.8704
13	32	1966.2073	355.6234	-36.9288	-7.4247	-71.8389
14	1	1957.7078	-396.3869	-5.5374	-1.185	85.2438
14	2	1957.7163	-396.6204	-45.4811	-9.7158	85.2939
14	3	1957.7078	-397.6211	-5.5374	-1.185	85.5165
14	4	1957.7163	-397.8546	-45.4811	-9.7158	85.5665
14	5	1957.708	-396.3862	-6.8307	-1.4617	85.2437
14	6	1957.7166	-396.6197	-46.7744	-9.9926	85.2937
14	7	1957.708	-397.6204	-6.8307	-1.4617	85.5164
14	8	1957.7166	-397.8539	-46.7744	-9.9926	85.5664
14	9	1957.7078	397.898	-5.5374	-1.185	-85.5758
14	10	1957.7163	397.6645	-45.481	-9.7158	-85.5258
14	11	1957.7078	396.6638	-5.5374	-1.185	-85.3031
14	12	1957.7163	396.4303	-45.481	-9.7158	-85.2531
14	13	1957.708	397.8987	-6.8307	-1.4617	-85.576
14	14	1957.7166	397.6652	-46.7744	-9.9926	-85.5259
14	15	1957.708	396.6645	-6.8307	-1.4617	-85.3033
14	16	1957.7166	396.431	-46.7744	-9.9926	-85.2532
14	17	1957.7078	-396.431	-5.5393	-1.1854	85.2532
14	18	1957.7163	-396.6645	-45.483	-9.7163	85.3033
14	19	1957.7078	-397.6652	-5.5393	-1.1854	85.5259
14	20	1957.7163	-397.8987	-45.483	-9.7163	85.576
14	21	1957.708	-396.4303	-6.8327	-1.4621	85.2531
14	22	1957.7166	-396.6638	-46.7763	-9.993	85.3031
14	23	1957.708	-397.6645	-6.8327	-1.4621	85.5258
14	24	1957.7166	-397.898	-46.7763	-9.993	85.5758
14	25	1957.7078	397.8539	-5.5393	-1.1854	-85.5664
14	26	1957.7163	397.6204	-45.483	-9.7162	-85.5164
14	27	1957.7078	396.6197	-5.5393	-1.1854	-85.2937
14	28	1957.7163	396.3862	-45.483	-9.7162	-85.2437
14	29	1957.708	397.8546	-6.8326	-1.4621	-85.5665
14	30	1957.7166	397.6211	-46.7763	-9.993	-85.5165
14	31	1957.708	396.6204	-6.8326	-1.4621	-85.2939
14	32	1957.7166	396.3869	-46.7763	-9.993	-85.2438
15	1	1929.4458	-361.3727	-9.4834	-2.584	98.8401
15	2	1929.4636	-361.4444	-74.847	-20.3545	98.8937
15	3	1929.4458	-362.9989	-9.4834	-2.584	99.2927
15	4	1929.4636	-363.0705	-74.847	-20.3545	99.3463

15	5	1929.4461	-361.3723	-10.4667	-2.8504	98.84
15	6	1929.4639	-361.444	-75.8303	-20.6209	98.8936
15	7	1929.4461	-362.9985	-10.4667	-2.8504	99.2926
15	8	1929.4639	-363.0701	-75.8303	-20.6209	99.3462
15	9	1929.4458	363.0952	-9.4834	-2.584	-99.353
15	10	1929.4636	363.0235	-74.847	-20.3545	-99.2994
15	11	1929.4458	361.469	-9.4834	-2.584	-98.9004
15	12	1929.4636	361.3974	-74.847	-20.3545	-98.8468
15	13	1929.4461	363.0956	-10.4667	-2.8504	-99.3531
15	14	1929.4639	363.0239	-75.8303	-20.6209	-99.2995
15	15	1929.4461	361.4694	-10.4667	-2.8504	-98.9005
15	16	1929.4639	361.3978	-75.8303	-20.6209	-98.8469
15	17	1929.4458	-361.3978	-9.4849	-2.5844	98.8469
15	18	1929.4636	-361.4694	-74.8484	-20.3549	98.9005
15	19	1929.4458	-363.0239	-9.4849	-2.5844	99.2995
15	20	1929.4636	-363.0956	-74.8484	-20.3549	99.3531
15	21	1929.4461	-361.3974	-10.4682	-2.8508	98.8468
15	22	1929.4639	-361.469	-75.8317	-20.6213	98.9004
15	23	1929.4461	-363.0235	-10.4682	-2.8508	99.2994
15	24	1929.4639	-363.0952	-75.8317	-20.6213	99.353
15	25	1929.4458	363.0701	-9.4849	-2.5844	-99.3462
15	26	1929.4636	362.9985	-74.8484	-20.3549	-99.2926
15	27	1929.4458	361.444	-9.4849	-2.5844	-98.8936
15	28	1929.4636	361.3723	-74.8484	-20.3549	-98.84
15	29	1929.4461	363.0705	-10.4682	-2.8508	-99.3463
15	30	1929.4639	362.9989	-75.8317	-20.6213	-99.2927
15	31	1929.4461	361.4444	-10.4682	-2.8508	-98.8937
15	32	1929.4639	361.3727	-75.8317	-20.6213	-98.8401

- Caso 10 :
Nome : Caso 13
Descr. : SLU Solo Perm.
Tipo : SLU
coeff. moltiplicatore peso proprio Plinti, Magrone, Rinterro = 1.3

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	1672.1053	0	25.5414	8.9913	0
2	1	1740.0281	-0.0028	-0.4157	-0.0717	0.0006
3	1	1740.085	0.0025	-2.2579	-0.493	-0.0005
4	1	1751.1273	0	-2.9307	-0.5916	0
5	1	1765.8443	0	-3.4458	-0.6453	0
6	1	1734.5875	0	-5.5701	-1.2329	0
7	1	1751.1422	0	-6.0055	-1.2113	0
8	1	1754.8038	0	-7.0907	-1.3985	0
9	1	1760.3317	0	-8.1386	-1.5616	0
10	1	1760.3177	0	-9.6565	-1.8488	0
11	1	1734.6036	0	-13.9424	-3.0845	0
12	1	1765.8318	0	-12.8639	-2.393	0
13	1	1751.1444	0	-16.8347	-3.3872	0
14	1	1740.1043	0	-21.5059	-4.597	0
15	1	1703.3669	0	-35.0763	-9.5418	0

- Caso 11 :
Nome : Caso 16
Descr. : Rara
Tipo : Rara

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	2089.4921	0	34.415	12.1175	0
2	1	2141.7039	-0.0037	-0.587	-0.0994	0.0008
3	1	2141.7725	0.0034	-3.0566	-0.6657	-0.0007
4	1	2150.2838	0	-3.9198	-0.7886	0
5	1	2161.6046	0	-4.5814	-0.8567	0
6	1	2137.5612	0	-7.3732	-1.6291	0
7	1	2162.298	0	-9.9844	-3.9745	0
8	1	2177.1124	0	-9.5827	-1.8872	0

9	1	2169.3625	0	-9.0535	0.1326	0
10	1	2157.3542	0	-13.1896	-2.5226	0
11	1	2137.5748	0	-18.9695	-4.1949	0
12	1	2161.596	0	-17.4524	-3.2441	0
13	1	2150.2986	0	-22.7932	-4.5846	0
14	1	2141.807	0	-29.0708	-6.2112	0
15	1	2113.5503	0	-47.3606	-12.8815	0

- Caso 12 :

Nome : Caso 17

Descr. : Rara VentoY

Tipo : Rara

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	2089.4921	-327.691	34.3961	12.1108	115.6905
1	2	2089.4921	327.6909	34.434	12.1242	-115.6905
2	1	2141.7038	-594.6756	-0.6039	-0.103	127.2148
2	2	2141.7039	594.6682	-0.5702	-0.0958	-127.2132
3	1	2141.7724	-461.3599	-3.0569	-0.6658	98.4275
3	2	2141.7725	461.3667	-3.0562	-0.6656	-98.429
4	1	2150.2838	-568.5882	-3.92	-0.7886	114.1988
4	2	2150.2838	568.5882	-3.9196	-0.7885	-114.1989
5	1	2161.6046	-604.6844	-4.5814	-0.8567	112.4698
5	2	2161.6046	604.6843	-4.5813	-0.8566	-112.4697
6	1	2137.5612	-526.531	-7.373	-1.6291	116.1291
6	2	2137.5612	526.5309	-7.3733	-1.6291	-116.1291
7	1	2162.298	-566.602	-9.9842	-3.9744	113.7858
7	2	2162.298	566.6019	-9.9847	-3.9745	-113.7858
8	1	2177.1124	-580.8705	-9.5823	-1.8872	114.3422
8	2	2177.1124	580.8705	-9.5831	-1.8873	-114.3422
9	1	2169.3625	-596.3559	-9.053	0.1327	114.0285
9	2	2169.3625	596.3559	-9.054	0.1325	-114.0285
10	1	2157.3542	-592.1927	-13.1889	-2.5225	113.2762
10	2	2157.3542	592.1927	-13.1904	-2.5228	-113.2762
11	1	2137.5748	-528.3781	-18.9685	-4.1947	116.504
11	2	2137.5748	528.3781	-18.9706	-4.1952	-116.504
12	1	2161.596	-604.5366	-17.4514	-3.2439	112.4511
12	2	2161.596	604.5365	-17.4535	-3.2443	-112.4511
13	1	2150.2986	-570.2266	-22.7918	-4.5843	114.4892
13	2	2150.2986	570.2266	-22.7946	-4.5849	-114.4892
14	1	2141.807	-531.2326	-29.069	-6.2108	113.5595
14	2	2141.807	531.2326	-29.0726	-6.2116	-113.5595
15	1	2113.5503	-418.6769	-47.3576	-12.8807	113.861
15	2	2113.5503	418.6769	-47.3636	-12.8823	-113.861

- Caso 13 :

Nome : Caso 18

Descr. : Frequente

Tipo : Frequente

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	1984.7557	0	32.4876	11.4387	0
2	1	2036.9724	-0.0035	-0.554	-0.0941	0.0007
3	1	2037.0377	0.0032	-2.9103	-0.6339	-0.0007
4	1	2045.5467	0	-3.7595	-0.7565	0
5	1	2056.8675	0	-4.4115	-0.8249	0
6	1	2032.8241	0	-7.1166	-1.5725	0
7	1	2045.5585	0	-7.6674	-1.5453	0
8	1	2048.3752	0	-9.0452	-1.7817	0
9	1	2052.6275	0	-10.3783	-1.9901	0
10	1	2052.6169	0	-12.3078	-2.3542	0
11	1	2032.8374	0	-17.766	-3.929	0
12	1	2056.8587	0	-16.3882	-3.0465	0
13	1	2045.5613	0	-21.4444	-4.3135	0
14	1	2037.0695	0	-27.389	-5.8521	0
15	1	2008.8125	0	-44.6667	-12.149	0

- Caso 14 :
Nome : Caso 19
Descr. : Frequente VentoY
Tipo : Frequente

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	1984.7557	-65.5382	32.4838	11.4373	23.1381
1	2	1984.7557	65.5381	32.4914	11.44	-23.1381
2	1	2036.9724	-118.9379	-0.5574	-0.0948	25.4436
2	2	2036.9724	118.9309	-0.5506	-0.0933	-25.4421
3	1	2037.0377	-92.2695	-2.9104	-0.6339	19.685
3	2	2037.0377	92.2759	-2.9102	-0.6339	-19.6863
4	1	2045.5467	-113.7176	-3.7595	-0.7565	22.8398
4	2	2045.5467	113.7177	-3.7595	-0.7565	-22.8398
5	1	2056.8675	-120.9369	-4.4115	-0.8249	22.494
5	2	2056.8675	120.9368	-4.4115	-0.8249	-22.4939
6	1	2032.8241	-105.3062	-7.1165	-1.5725	23.2258
6	2	2032.8241	105.3062	-7.1166	-1.5726	-23.2258
7	1	2045.5585	-113.3204	-7.6673	-1.5452	22.7572
7	2	2045.5585	113.3204	-7.6674	-1.5453	-22.7572
8	1	2048.3752	-116.1741	-9.0451	-1.7817	22.8684
8	2	2048.3752	116.1741	-9.0453	-1.7817	-22.8684
9	1	2052.6275	-119.2712	-10.3782	-1.9901	22.8057
9	2	2052.6275	119.2712	-10.3784	-1.9901	-22.8057
10	1	2052.6169	-118.4385	-12.3077	-2.3541	22.6552
10	2	2052.6169	118.4385	-12.308	-2.3542	-22.6552
11	1	2032.8374	-105.6756	-17.7658	-3.929	23.3008
11	2	2032.8374	105.6756	-17.7662	-3.9291	-23.3008
12	1	2056.8587	-120.9073	-16.388	-3.0465	22.4902
12	2	2056.8587	120.9073	-16.3884	-3.0465	-22.4902
13	1	2045.5613	-114.0453	-21.4441	-4.3134	22.8978
13	2	2045.5613	114.0453	-21.4447	-4.3135	-22.8978
14	1	2037.0695	-106.2465	-27.3887	-5.852	22.7119
14	2	2037.0695	106.2465	-27.3894	-5.8522	-22.7119
15	1	2008.8125	-83.7354	-44.6661	-12.1489	22.7722
15	2	2008.8125	83.7354	-44.6673	-12.1492	-22.7722

- Caso 15 :
Nome : Caso 20
Descr. : Quasi Perm
Tipo : Quasi_Perm

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	1905.3991	0	31.0289	10.9249	0
2	1	1957.6194	-0.0033	-0.5274	-0.0896	0.0007
3	1	1957.6823	0.0031	-2.777	-0.605	-0.0007
4	1	1966.1896	0	-3.5885	-0.7222	0
5	1	1977.5104	0	-4.2115	-0.7876	0
6	1	1953.4669	0	-6.7948	-1.5016	0
7	1	1966.2013	0	-7.3211	-1.4756	0
8	1	1969.018	0	-8.6373	-1.7015	0
9	1	1973.2704	0	-9.9105	-1.9005	0
10	1	1973.2597	0	-11.7534	-2.2483	0
11	1	1953.4802	0	-16.9661	-3.7522	0
12	1	1977.5015	0	-15.6506	-2.9095	0
13	1	1966.204	0	-20.4794	-4.1194	0
14	1	1957.7122	0	-26.1569	-5.589	0
15	1	1929.4548	0	-42.6576	-11.6027	0

Opzioni di Calcolo

Nell'eseguire le Verifiche si è voluto tener conto dei seguenti Pesi Propri/Opzioni:
- peso proprio Plinto
- peso proprio Super Magrone
- peso Terreno sopra plinto per Ribaltamento (peso di volume) : 18 [kN/m^3]
- infossamento laterale per calcolo Capacità Portante
- limita la deformazione del cls al campo elastico per le combinazioni sismiche [casi SISMICI]

La verifica a punzonamento è stata eseguita facendo riferimento ad un perimetro efficace distante 2 d dall'impronta caricata, con d altezza utile del plinto (NTC18 4.1.2.3.5.4).

- Verifiche geotecniche

Stabilità a ribaltamento

Non eseguita in quanto trattasi di plinti isolati e non collegati da travi.

Massime pressioni sul terreno

Elenco per ogni punto maglia dell'indice della stratigrafia, combinazione utilizzata, area ridotta, massimo valore di q applicata:

punto maglia	ind str	caso-sest	area ridotta [mq]	q app [N/mm^2]
1	1	2-2	3.96 × 4.63 = 18.4	0.234
2	1	7-9	1.91 × 3.98 = 7.6	0.437
3	1	2-2	4.00 × 4.61 = 18.4	0.261
4	1	2-1	4.00 × 4.53 = 18.1	0.27
5	1	2-1	4.00 × 4.52 = 18.1	0.277
6	1	2-2	3.99 × 4.54 = 18.1	0.262
7	1	2-2	3.99 × 4.53 = 18.1	0.27
8	1	2-2	3.99 × 4.53 = 18.1	0.273
9	1	2-2	4.00 × 4.52 = 18.1	0.274
10	1	2-2	3.99 × 4.52 = 18.0	0.273
11	1	2-2	3.98 × 4.54 = 18.1	0.261
12	1	2-2	3.99 × 4.52 = 18.0	0.275
13	1	2-2	3.98 × 4.53 = 18.0	0.268
14	1	2-2	3.98 × 4.54 = 18.1	0.263
15	1	2-2	3.96 × 4.59 = 18.2	0.245

Capacità portante e scorrimento

Elenco per ogni punto maglia dell' indice della stratigrafia, combinazione utilizzata, area effettiva ed area ridotta, q applicata, q limite in condizioni drenate, non drenate e fattore di sicurezza Cap.Portante; H applicata, H limite e fattore di sicurezza a Scorrimento:

punto maglia	ind str	caso-sest	area [cm^2]	area [cm]	q app [N/mm^2]	qlim dr [N/mm^2]	qlim n dr [N/mm^2]	FS	caso-sest	H app [kN]	H lim [kN]	FS
1	1	2-2	200000	183707.51	0.234	4.317	0.331	1.42	9-13	152.0115	1002.6051	6.60
2	1	4-1	200000	180827.34	0.261	4.648	0.367	1.41	2-1	174.8545	1210.8317	6.92
3	1	2-2	200000	184211.37	0.261	4.714	0.376	1.44	9-9	221.4617	1026.3565	4.63
4	1	2-1	200000	181152.05	0.27	4.773	0.381	1.41	2-2	171.3018	1216.4333	7.10
5	1	2-1	200000	180741.21	0.277	4.843	0.389	1.41	2-2	168.7089	1232.2268	7.30
6	1	2-2	200000	181444.08	0.262	4.675	0.37	1.41	2-1	174.2085	1201.0281	6.89
7	1	2-2	200000	180905.75	0.27	4.755	0.379	1.40	2-1	170.7771	1236.3686	7.24
8	1	2-2	200000	180803.53	0.273	4.772	0.381	1.40	2-1	171.5335	1223.2388	7.13
9	1	2-2	200000	180624.36	0.274	4.798	0.384	1.40	2-2	171.0433	1216.6626	7.11
10	1	2-2	200000	180428.03	0.273	4.791	0.383	1.40	2-1	169.951	1231.29	7.24
11	1	2-2	200000	180827.34	0.261	4.648	0.367	1.41	2-1	174.8545	1210.8317	6.92
12	1	2-2	200000	180141.96	0.275	4.809	0.385	1.40	2-1	168.7378	1240.2884	7.35
13	1	2-2	200000	180214.94	0.268	4.727	0.376	1.40	2-1	171.8535	1230.3128	7.16
14	1	2-2	200000	180614.77	0.263	4.661	0.368	1.40	2-1	170.5606	1227.9738	7.20
15	1	2-2	200000	181505.85	0.245	4.435	0.344	1.40	2-1	171.739	1223.8035	7.13

Cedimenti

Elenco per ogni punto maglia delle dimensioni della base ridotta e dei cedimenti a breve termine (b.t.) ed a lungo termine (l.t.) per un tempo di 30anni :
(Massimo cedimento tollerabile = 25 cm)

punto maglia	area equivalente [cmq]	ced. breve term. [cm]	ced. lungo term. [cm]
1	400.0 × 500.0	4.6	6.8
2	400.0 × 500.0	4.6	6.9
3	400.0 × 500.0	4.6	6.9
4	400.0 × 500.0	3.1	4.6
5	400.0 × 500.0	2.3	3.4
6	400.0 × 500.0	4.6	6.9
7	400.0 × 500.0	3.1	4.7
8	400.0 × 500.0	3.1	4.7
9	400.0 × 500.0	3.1	4.7
10	400.0 × 500.0	3.1	4.6
11	400.0 × 500.0	4.6	6.9
12	400.0 × 500.0	3.1	4.6
13	400.0 × 500.0	4.6	6.9
14	400.0 × 500.0	4.6	6.9
15	400.0 × 500.0	4.6	6.9

Tensioni sul magrone

(Massima pressione agente impostata = -200 daN/cm2)

punto maglia	vertice (x,y)	Pressione [N/mm^2]	caso-sest
1	2413 ; -200	-0.407	2 - 2
1	2713 ; -200	-0.43	2 - 2
1	2713 ; 200	-0.255	2 - 2
1	2413 ; 200	-0.232	2 - 2
2	17791 ; -200	-0.516	2 - 2
2	18091 ; -200	-0.509	2 - 2
2	18091 ; 200	-0.245	2 - 2
2	17791 ; 200	-0.252	2 - 2
3	7539 ; -200	-0.484	2 - 2
3	7839 ; -200	-0.482	2 - 2
3	7839 ; 200	-0.264	2 - 2
3	7539 ; 200	-0.266	2 - 2
4	10102 ; -200	-0.249	2 - 1
4	10402 ; -200	-0.247	2 - 1
4	10402 ; 200	-0.512	2 - 1
4	10102 ; 200	-0.514	2 - 1
5	12665 ; -200	-0.252	2 - 1
5	12965 ; -200	-0.249	2 - 1
5	12965 ; 200	-0.527	2 - 1
5	12665 ; 200	-0.529	2 - 1
6	15228 ; -200	-0.496	2 - 2
6	15528 ; -200	-0.492	2 - 2
6	15528 ; 200	-0.242	2 - 2
6	15228 ; 200	-0.246	2 - 2
7	17791 ; -200	-0.516	2 - 2
7	18091 ; -200	-0.509	2 - 2
7	18091 ; 200	-0.245	2 - 2
7	17791 ; 200	-0.252	2 - 2
8	20354 ; -200	-0.521	2 - 2
8	20654 ; -200	-0.516	2 - 2
8	20654 ; 200	-0.246	2 - 2
8	20354 ; 200	-0.252	2 - 2
9	22917 ; -200	-0.525	2 - 2
9	23217 ; -200	-0.521	2 - 2
9	23217 ; 200	-0.246	2 - 2
9	22917 ; 200	-0.25	2 - 2
10	25480 ; -200	-0.524	2 - 2
10	25780 ; -200	-0.516	2 - 2
10	25780 ; 200	-0.243	2 - 2
10	25480 ; 200	-0.251	2 - 2
11	28043 ; -200	-0.497	2 - 2

11	28343 ; -200	-0.486	2 - 2
11	28343 ; 200	-0.235	2 - 2
11	28043 ; 200	-0.247	2 - 2
12	30606 ; -200	-0.529	2 - 2
12	30906 ; -200	-0.519	2 - 2
12	30906 ; 200	-0.242	2 - 2
12	30606 ; 200	-0.252	2 - 2
13	33169 ; -200	-0.515	2 - 2
13	33469 ; -200	-0.502	2 - 2
13	33469 ; 200	-0.237	2 - 2
13	33169 ; 200	-0.25	2 - 2
14	35732 ; -200	-0.502	2 - 2
14	36032 ; -200	-0.485	2 - 2
14	36032 ; 200	-0.235	2 - 2
14	35732 ; 200	-0.252	2 - 2
15	38295 ; -200	-0.463	2 - 2
15	38595 ; -200	-0.433	2 - 2
15	38595 ; 200	-0.225	2 - 2
15	38295 ; 200	-0.255	2 - 2

Tensioni sul terreno

I valori ora riportati sono riferiti ai vertici del magrone : - vertici del perimetro punzonato (se impostato magrone normale), - area reale (se selezionato "super magrone" relegandone all'apposito paragrafo la verifica flessionale).
(calcolate nell'ipotesi di suolo elastico)
(Massima pressione agente impostata = -100 daN/cm2)

punto maglia	vertice (x,y)	Pressione [N/mm²]	caso-sest	tipo caso
1	2 363 ; -250	-0.256	2 - 2	SLU
1	2 763 ; -250	-0.268	2 - 2	SLU
1	2 763 ; 250	-0.174	2 - 2	SLU
1	2 363 ; 250	-0.162	2 - 2	SLU
2	17 741 ; -250	-0.315	2 - 2	SLU
2	18 141 ; -250	-0.311	2 - 2	SLU
2	18 141 ; 250	-0.174	2 - 2	SLU
2	17 741 ; 250	-0.178	2 - 2	SLU
3	7 489 ; -250	-0.298	2 - 2	SLU
3	7 889 ; -250	-0.297	2 - 2	SLU
3	7 889 ; 250	-0.184	2 - 2	SLU
3	7 489 ; 250	-0.184	2 - 2	SLU
4	10 052 ; -250	-0.176	2 - 1	SLU
4	10 452 ; -250	-0.175	2 - 1	SLU
4	10 452 ; 250	-0.313	2 - 1	SLU
4	10 052 ; 250	-0.314	2 - 1	SLU
5	12 615 ; -250	-0.179	2 - 1	SLU
5	13 015 ; -250	-0.178	2 - 1	SLU
5	13 015 ; 250	-0.321	2 - 1	SLU
5	12 615 ; 250	-0.322	2 - 1	SLU
6	15 178 ; -250	-0.304	2 - 2	SLU
6	15 578 ; -250	-0.302	2 - 2	SLU
6	15 578 ; 250	-0.171	2 - 2	SLU
6	15 178 ; 250	-0.173	2 - 2	SLU
7	17 741 ; -250	-0.315	2 - 2	SLU
7	18 141 ; -250	-0.311	2 - 2	SLU
7	18 141 ; 250	-0.174	2 - 2	SLU
7	17 741 ; 250	-0.178	2 - 2	SLU
8	20 304 ; -250	-0.318	2 - 2	SLU
8	20 704 ; -250	-0.315	2 - 2	SLU
8	20 704 ; 250	-0.175	2 - 2	SLU
8	20 304 ; 250	-0.178	2 - 2	SLU
9	22 867 ; -250	-0.319	2 - 2	SLU
9	23 267 ; -250	-0.318	2 - 2	SLU
9	23 267 ; 250	-0.175	2 - 2	SLU
9	22 867 ; 250	-0.177	2 - 2	SLU
10	25 430 ; -250	-0.319	2 - 2	SLU
10	25 830 ; -250	-0.315	2 - 2	SLU
10	25 830 ; 250	-0.174	2 - 2	SLU

10	25 430 ; 250	-0.177	2 - 2	SLU
11	27 993 ; -250	-0.304	2 - 2	SLU
11	28 393 ; -250	-0.299	2 - 2	SLU
11	28 393 ; 250	-0.168	2 - 2	SLU
11	27 993 ; 250	-0.173	2 - 2	SLU
12	30 556 ; -250	-0.322	2 - 2	SLU
12	30 956 ; -250	-0.317	2 - 2	SLU
12	30 956 ; 250	-0.174	2 - 2	SLU
12	30 556 ; 250	-0.179	2 - 2	SLU
13	33 119 ; -250	-0.314	2 - 2	SLU
13	33 519 ; -250	-0.307	2 - 2	SLU
13	33 519 ; 250	-0.17	2 - 2	SLU
13	33 119 ; 250	-0.176	2 - 2	SLU
14	35 682 ; -250	-0.307	2 - 2	SLU
14	36 082 ; -250	-0.298	2 - 2	SLU
14	36 082 ; 250	-0.168	2 - 2	SLU
14	35 682 ; 250	-0.176	2 - 2	SLU
15	38 245 ; -250	-0.285	2 - 2	SLU
15	38 645 ; -250	-0.27	2 - 2	SLU
15	38 645 ; 250	-0.16	2 - 2	SLU
15	38 245 ; 250	-0.175	2 - 2	SLU

Verifiche strutturali

Verifica Flessionale e Taglio

Analisi lungo X : - sezioni parallele al piano Y' - Z'

Momenti:

punto maglia	caso-sest	Msd [kN*m]	Mrd pos. [kN*m]	Mrd neg. [kN*m]	Sez [cm]	Af sup [cm^2]	Af inf [cm^2]	FS	X sez [cm]
1-sx-tozzo	2-1	672.042	2035.6107	-1076.6866	400*120	28.15	53.22	3	-30
1-dx-tozzo	2-2	720.2379	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	30
2-sx-tozzo	2-1	712.774	2035.6107	-1076.6866	400*120	28.15	53.22	2.9	-30
2-dx-tozzo	2-2	712.0758	2035.6107	-1076.6866	400*120	28.15	53.22	2.9	30
3-sx-tozzo	2-1	714.3356	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
3-dx-tozzo	2-2	710.5378	2035.6107	-1076.6866	400*120	28.15	53.22	2.9	30
4-sx-tozzo	2-1	717.4874	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
4-dx-tozzo	2-2	712.6988	2035.6107	-1076.6866	400*120	28.15	53.22	2.9	30
5-sx-tozzo	2-1	721.3839	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
5-dx-tozzo	2-2	715.8663	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	30
6-sx-tozzo	2-2	715.7096	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
6-dx-tozzo	2-1	706.5377	2035.6107	-1076.6866	400*120	28.15	53.22	2.9	30
7-sx-tozzo	2-2	726.8486	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
7-dx-tozzo	2-1	711.9868	2035.6107	-1076.6866	400*120	28.15	53.22	2.9	30
8-sx-tozzo	2-2	730.4489	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
8-dx-tozzo	2-1	718.7826	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	30
9-sx-tozzo	2-2	725.8358	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
9-dx-tozzo	2-1	717.4077	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	30
10-sx-tozzo	2-2	725.2899	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
10-dx-tozzo	2-1	709.3089	2035.6107	-1076.6866	400*120	28.15	53.22	2.9	30
11-sx-tozzo	2-2	722.9525	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
11-dx-tozzo	2-1	699.3045	2035.6107	-1076.6866	400*120	28.15	53.22	2.9	30
12-sx-tozzo	2-2	729.1355	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
12-dx-tozzo	2-1	708.1107	2035.6107	-1076.6866	400*120	28.15	53.22	2.9	30
13-sx-tozzo	2-2	729.0315	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
13-dx-tozzo	2-1	701.1657	2035.6107	-1076.6866	400*120	28.15	53.22	2.9	30
14-sx-tozzo	2-2	730.4325	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
14-dx-tozzo	2-1	694.4665	2035.6107	-1076.6866	400*120	28.15	53.22	2.9	30
15-sx-tozzo	2-2	734.5612	2035.6107	-1076.6866	400*120	28.15	53.22	2.8	-30
15-dx-tozzo	2-1	672.7078	2035.6107	-1076.6866	400*120	28.15	53.22	3	30

Taglio:

punto maglia	caso-sest	Vsd [kN]	Vrd [kN]	Vsd no rid [kN]	Vrd non rid. [kN]	Sez [cm]	Af sup [cm^2]	Af inf [cm^2]	FS	X sez [cm]
1-sx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
1-dx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
2-sx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175

2-dx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
3-sx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
3-dx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
4-sx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
4-dx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
5-sx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
5-dx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
6-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
6-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
7-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
7-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
8-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
8-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
9-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
9-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
10-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
10-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
11-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
11-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
12-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
12-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
13-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
13-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
14-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
14-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	175
15-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-175
15-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	175

Analisi lungo Y : - sezioni parallele al piano X' - Z'

Momenti:

punto maglia	caso-sest	Msd [kN*m]	Mrd pos. [kN*m]	Mrd neg. [kN*m]	Sez [cm]	Af sup [cm²]	Af inf [cm²]	FS	Y sez [cm]
1-sx-tozzo	2-1	1319.5691	1744.8091	-845.9681	300*120	22.12	45.62	1.3	-30
1-dx-tozzo	2-2	1319.569	1744.8091	-845.9681	300*120	22.12	45.62	1.3	30
2-sx-tozzo	8-19	3164.2547	1744.8091	-845.9681	300*120	22.12	45.62	0.6	-30
2-dx-tozzo	8-14	3071.354	1744.8091	-845.9681	300*120	22.12	45.62	0.6	30
3-sx-tozzo	2-1	1409.9175	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-30
3-dx-tozzo	2-2	1409.9222	1744.8091	-845.9681	300*120	22.12	45.62	1.2	30
4-sx-tozzo	2-1	1487.4025	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-30
4-dx-tozzo	2-2	1487.4026	1744.8091	-845.9681	300*120	22.12	45.62	1.2	30
5-sx-tozzo	2-1	1512.537	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-30
5-dx-tozzo	2-2	1512.537	1744.8091	-845.9681	300*120	22.12	45.62	1.2	30
6-sx-tozzo	2-1	1458.278	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-30
6-dx-tozzo	2-2	1458.278	1744.8091	-845.9681	300*120	22.12	45.62	1.2	30
7-sx-tozzo	2-1	1492.4662	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-30
7-dx-tozzo	2-2	1492.4661	1744.8091	-845.9681	300*120	22.12	45.62	1.2	30
8-sx-tozzo	2-1	1508.9907	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-30
8-dx-tozzo	2-2	1508.9907	1744.8091	-845.9681	300*120	22.12	45.62	1.2	30
9-sx-tozzo	2-1	1513.2853	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-30
9-dx-tozzo	2-2	1513.2853	1744.8091	-845.9681	300*120	22.12	45.62	1.2	30
10-sx-tozzo	2-1	1503.828	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-30
10-dx-tozzo	2-2	1503.828	1744.8091	-845.9681	300*120	22.12	45.62	1.2	30
11-sx-tozzo	2-1	1459.6225	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-30
11-dx-tozzo	2-2	1459.6225	1744.8091	-845.9681	300*120	22.12	45.62	1.2	30
12-sx-tozzo	2-1	1512.4339	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-30
12-dx-tozzo	2-2	1512.4339	1744.8091	-845.9681	300*120	22.12	45.62	1.2	30
13-sx-tozzo	2-1	1488.5669	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-30
13-dx-tozzo	2-2	1488.5669	1744.8091	-845.9681	300*120	22.12	45.62	1.2	30
14-sx-tozzo	2-1	1461.2146	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-30
14-dx-tozzo	2-2	1461.2146	1744.8091	-845.9681	300*120	22.12	45.62	1.2	30
15-sx-tozzo	2-1	1382.5901	1744.8091	-845.9681	300*120	22.12	45.62	1.3	-30
15-dx-tozzo	2-2	1382.5901	1744.8091	-845.9681	300*120	22.12	45.62	1.3	30

Taglio:

punto maglia	caso-sest	Vsd [kN]	Vrd [kN]	Vsd no rid [kN]	Vrd no rid [kN]	Sez [cm]	Af sup [cm²]	Af inf [cm²]	FS	Y sez [cm]
1-sx	2-1	242.7868	1016.377	-	-	300*120	22.12	45.62	4.2	-175
1-dx	2-2	242.7867	1016.377	-	-	300*120	22.12	45.62	4.2	175
2-sx	8-19	895.3155	1016.377	-	-	300*120	22.12	45.62	1.1	-175

2-dx	8-14	776.7441	1016.377	-	-	300*120	22.12	45.62	1.3	175
3-sx	2-1	261.9257	1016.377	-	-	300*120	22.12	45.62	3.9	-175
3-dx	2-2	261.9268	1016.377	-	-	300*120	22.12	45.62	3.9	175
4-sx	2-1	279.2491	1016.377	-	-	300*120	22.12	45.62	3.6	-175
4-dx	2-2	279.2491	1016.377	-	-	300*120	22.12	45.62	3.6	175
5-sx	2-1	284.6541	1016.377	-	-	300*120	22.12	45.62	3.6	-175
5-dx	2-2	284.6541	1016.377	-	-	300*120	22.12	45.62	3.6	175
6-sx	2-1	272.9761	1016.377	-	-	300*120	22.12	45.62	3.7	-175
6-dx	2-2	272.9761	1016.377	-	-	300*120	22.12	45.62	3.7	175
7-sx	2-1	280.0481	1016.377	-	-	300*120	22.12	45.62	3.6	-175
7-dx	2-2	280.0481	1016.377	-	-	300*120	22.12	45.62	3.6	175
8-sx	2-1	283.3708	1016.377	-	-	300*120	22.12	45.62	3.6	-175
8-dx	2-2	283.3708	1016.377	-	-	300*120	22.12	45.62	3.6	175
9-sx	2-1	284.5831	1016.377	-	-	300*120	22.12	45.62	3.6	-175
9-dx	2-2	284.5831	1016.377	-	-	300*120	22.12	45.62	3.6	175
10-sx	2-1	282.7895	1016.377	-	-	300*120	22.12	45.62	3.6	-175
10-dx	2-2	282.7895	1016.377	-	-	300*120	22.12	45.62	3.6	175
11-sx	2-1	273.2801	1016.377	-	-	300*120	22.12	45.62	3.7	-175
11-dx	2-2	273.2801	1016.377	-	-	300*120	22.12	45.62	3.7	175
12-sx	2-1	284.631	1016.377	-	-	300*120	22.12	45.62	3.6	-175
12-dx	2-2	284.631	1016.377	-	-	300*120	22.12	45.62	3.6	175
13-sx	2-1	279.5123	1016.377	-	-	300*120	22.12	45.62	3.6	-175
13-dx	2-2	279.5123	1016.377	-	-	300*120	22.12	45.62	3.6	175
14-sx	2-1	273.5344	1016.377	-	-	300*120	22.12	45.62	3.7	-175
14-dx	2-2	273.5344	1016.377	-	-	300*120	22.12	45.62	3.7	175
15-sx	2-1	256.4474	1016.377	-	-	300*120	22.12	45.62	4	-175
15-dx	2-2	256.4474	1016.377	-	-	300*120	22.12	45.62	4	175

Verifica a Punzonamento

punto maglia	caso-sest	l cr. [cm]	beta .	Area cr. [cm^2]	Perim cr. [cm]	Vpd [kN]	Vpu [kN]	FS
1	2 - 1	230	1.15	116909.73	0	74.6949	6286.9508	73.2
2	2 - 2	230	1.15	116909.73	0	76.4426	6286.9508	71.5
3	2 - 2	230	1.15	116909.73	0	76.4451	6286.9508	71.5
4	2 - 1	230	1.15	116909.73	0	76.7301	6286.9508	71.2
5	2 - 1	230	1.15	116909.73	0	77.1091	6286.9508	70.9
6	2 - 2	230	1.15	116909.73	0	76.3042	6286.9508	71.6
7	2 - 2	230	1.15	116909.73	0	77.1942	6286.9508	70.8
8	2 - 2	230	1.15	116909.73	0	77.7519	6286.9508	70.3
9	2 - 2	230	1.15	116909.73	0	77.4306	6286.9508	70.6
10	2 - 2	230	1.15	116909.73	0	76.9668	6286.9508	71
11	2 - 2	230	1.15	116909.73	0	76.3047	6286.9508	71.6
12	2 - 2	230	1.15	116909.73	0	77.1088	6286.9508	70.9
13	2 - 2	230	1.15	116909.73	0	76.7306	6286.9508	71.2
14	2 - 2	230	1.15	116909.73	0	76.4464	6286.9508	71.5
15	2 - 2	230	1.15	116909.73	0	75.5004	6286.9508	72.4

Armature

Caratteristiche armatura

Elenco indici dei punti di Tipologia - Ret 2 : Tutti

Dimensioni = 400 cm x 300 cm x 120 cm , Volume = 14.4 mc

Pilastro di massimo ingombro rilevato per il tipo di plinto ed usato per il calcolo dell'armatura = Pil.Cir 2

Armatura Inferiore :

Tipo di armatura scelta = Ferro Due Pieghi

Diametro ferri = 6Ø20 + 6Ø26 mm

Copriferro inferiore =5 cm

Copriferro laterale =5 cm

Armatura Superiore :

Tipo di armatura scelta = Ferro Un Piego

Diametro ferri = 4Ø16 mm

Copriferro inferiore =5 cm

Copriferro laterale =5 cm