

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 di ripristino	02/2021	-	R.7.s.5

AGGIORNAMENTO	DATA	DESCRIZIONE

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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 [cm³]

Peso = 360 [kN]

Magrone:

tipo: Normale

dimensioni: spessore = 50 [cm], fuoriuscita = 50 [cm]

Quota sollecitazioni assegnata = sopra al plinto, attacco pilastro/plinto

Tipologie Pilastrri

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

Pil.Cir 2:

Elenco indici dei pilastrri/bicchieri di Tipologia - Pil.Cir 2: Tutti

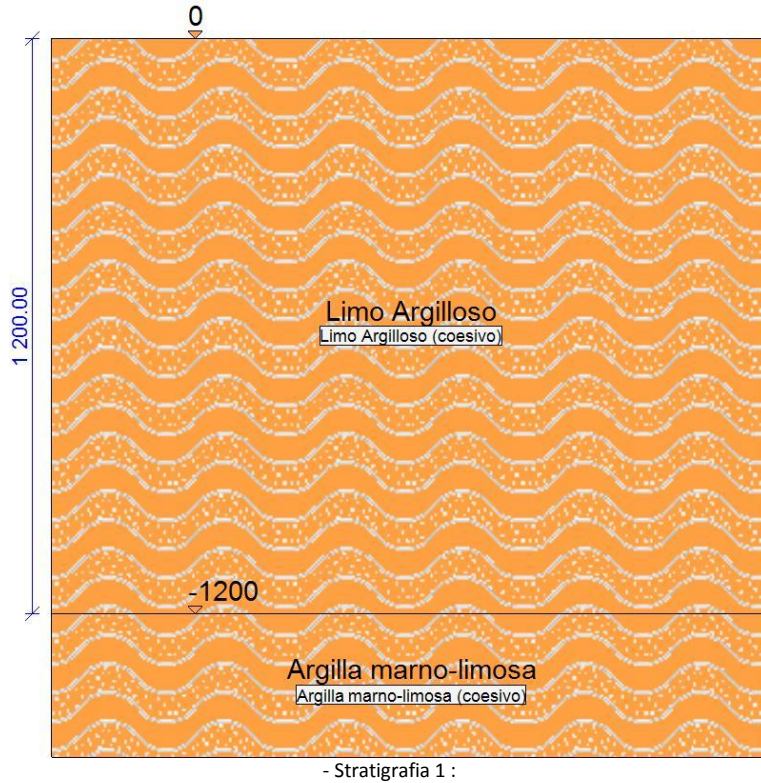
Dimensioni r = 70 cm

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



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/mm²]

Angolo di attrito = 22 [°]

Peso di volume secco = 15.5 [kN/m³]

Peso di volume saturo = 20 [kN/m³]

Resistenza al taglio non drenata = 0.08 [N/mm²]

Modulo di taglio del terreno = 105 [N/mm²]

Coeff. di Poisson = 0.47

Vel. onde di taglio = 5 [m/s]

Argilla marno-limosa (coesivo):

Coesione = 0.5 [N/mm²]

Angolo di attrito = 24 [°]

Peso di volume secco = 18 [kN/m³]

Peso di volume saturo = 21 [kN/m³]

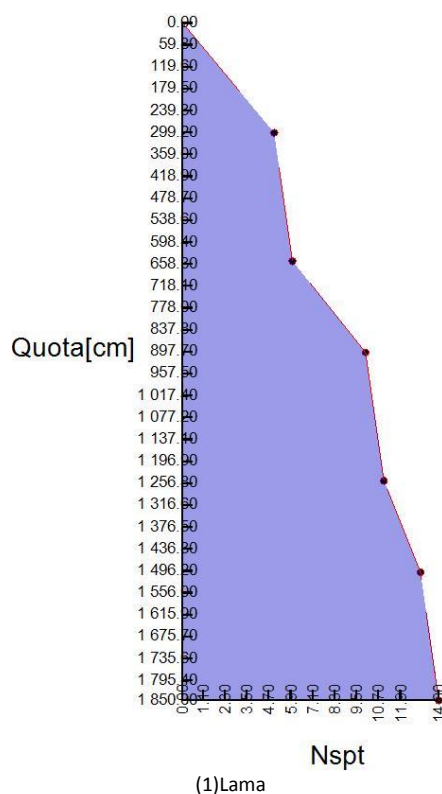
Resistenza al taglio non drenata = 0.1 [N/mm²]

Modulo di taglio del terreno = 120 [N/mm²]

Coeff. di Poisson = 0.47

Vel. onde di taglio = 5 [m/s]

Prove SPT



	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 coefficienti:

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:

$f_{ck} = 24.9$ [N/mm²]

Descrizione = C25/30

Alpha termica = 1E-05

Gamma (p,sp) = 25 [kN/m³]

Gamma c = 1.5

$f_{cd} = 14.11$ [N/mm²]

alpha cc = 0.85

epsilon c2 = 0.2000 %

epsilon cu2 = 0.3500 %

Acciaio:

Tipo = 2

Descrizione = B450C

E = 200000

$f_{yk} = 450$ [N/mm²]

$f_{tk} = 517.5$ [N/mm²]

epsilon yd = 0.1957 %

epsilon ud = 6.7500 %

Gamma s = 1.15

$f_{yd} = 391.304$ [N/mm²]

$f_{ud} = 450$ [N/mm²]

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	2938.1287	-0.0001	56.3095	19.837	0
2	1	3030.5529	-0.0121	-1.0218	-0.1816	0.0026
3	1	3030.6485	0.0122	-5.0371	-1.0932	-0.0026
4	1	3045.6997	0.0001	-6.2627	-1.2596	0
5	1	3065.726	0	-7.2562	-1.3552	0
6	1	3023.1875	0	-11.3229	-2.5015	0
7	1	3063.7186	0	-14.4057	-5.8458	0
8	1	3086.7044	0	-15.1011	-2.9738	0
9	1	3076.2204	0	-15.7184	-0.2087	0
10	1	3058.21	0	-21.3079	-4.075	0
11	1	3023.206	0	-30.3832	-6.7169	0
12	1	3065.7158	0	-29.067	-5.4028	0
13	1	3045.7204	0	-38.0989	-7.6608	0
14	1	3030.6999	0	-48.9502	-10.4582	0
15	1	2980.6953	0	-78.5561	-21.3633	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	2938.1287	-489.5272	56.327	19.8432	172.8867
1	2	2938.1287	489.5269	56.2919	19.8308	-172.8866
2	1	3030.5529	-900.4345	-1.0016	-0.1773	192.5213
2	2	3030.5528	900.4103	-1.042	-0.1859	-192.5162
3	1	3030.6485	-687.8862	-5.0388	-1.0936	146.8054
3	2	3030.6485	687.9106	-5.0355	-1.0929	-146.8106
4	1	3045.6997	-853.1736	-6.2638	-1.2598	171.3465
4	2	3045.6997	853.1739	-6.2616	-1.2594	-171.3465
5	1	3065.726	-911.7369	-7.2568	-1.3553	169.5348
5	2	3065.726	911.7367	-7.2555	-1.3551	-169.5348
6	1	3023.1875	-785.7824	-11.3233	-2.5016	173.3619
6	2	3023.1875	785.7823	-11.3225	-2.5014	-173.3619
7	1	3063.7186	-850.9308	-14.4057	-5.8458	170.8744
7	2	3063.7186	850.9308	-14.4056	-5.8458	-170.8744
8	1	3086.7044	-871.0761	-15.1008	-2.9737	171.469
8	2	3086.7044	871.076	-15.1015	-2.9739	-171.469
9	1	3076.2204	-895.0973	-15.7178	-0.2086	171.1427
9	2	3076.2204	895.0973	-15.719	-0.2088	-171.1427
10	1	3058.21	-890.6044	-21.3069	-4.0748	170.333
10	2	3058.21	890.6044	-21.3089	-4.0752	-170.333
11	1	3023.206	-787.6375	-30.3816	-6.7166	173.7328
11	2	3023.206	787.6375	-30.3848	-6.7173	-173.7328
12	1	3065.7158	-911.3374	-29.0653	-5.4025	169.4751
12	2	3065.7158	911.3374	-29.0687	-5.4031	-169.4751
13	1	3045.7204	-854.8576	-38.0966	-7.6603	171.6371
13	2	3045.7204	854.8576	-38.1013	-7.6613	-171.6371
14	1	3030.6999	-798.3358	-48.947	-10.4575	170.6319
14	2	3030.6999	798.3358	-48.9534	-10.4589	-170.6319
15	1	2980.6953	-628.348	-78.5508	-21.3618	170.8483
15	2	2980.6953	628.348	-78.5613	-21.3647	-170.8483

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	1934.3159	39.9513	66.4734	23.4669	-16.3005
1	2	1934.3155	42.5728	67.3781	23.7871	-17.0745
1	3	1934.3159	-123.9835	66.4793	23.469	42.0475
1	4	1934.3155	-121.3619	67.3839	23.7891	41.2736
1	5	1934.316	121.4967	66.0795	23.3275	-41.3707
1	6	1934.3157	124.1183	66.9841	23.6477	-42.1447
1	7	1934.316	-42.4381	66.0853	23.3295	16.9773
1	8	1934.3157	-39.8165	66.99	23.6497	16.2033
1	9	1934.3159	40.2533	66.4729	23.4667	-16.3564
1	10	1934.3155	42.8749	67.3776	23.7869	-17.1303
1	11	1934.3159	-123.6814	66.4788	23.4688	41.9917
1	12	1934.3155	-121.0598	67.3834	23.789	41.2177
1	13	1934.316	121.7988	66.079	23.3273	-41.4266
1	14	1934.3157	124.4204	66.9837	23.6475	-42.2005
1	15	1934.316	-42.136	66.0849	23.3294	16.9215
1	16	1934.3157	-39.5144	66.9895	23.6496	16.1475
1	17	1934.3374	39.5142	5.6376	1.9348	-16.1475
1	18	1934.3371	42.1358	6.5422	2.255	-16.9214
1	19	1934.3374	-124.4205	5.6435	1.9369	42.2006
1	20	1934.3371	-121.7989	6.5481	2.2571	41.4266
1	21	1934.3375	121.0596	5.2437	1.7954	-41.2177
1	22	1934.3372	123.6812	6.1483	2.1156	-41.9916
1	23	1934.3375	-42.8751	5.2495	1.7975	17.1304
1	24	1934.3372	-40.2535	6.1542	2.1177	16.3564
1	25	1934.3374	39.8163	5.6371	1.9347	-16.2033
1	26	1934.3371	42.4379	6.5418	2.2548	-16.9772

1	27	1934.3374	-124.1184	5.643	1.9367	42.1447
1	28	1934.3371	-121.4968	6.5476	2.2569	41.3708
1	29	1934.3375	121.3617	5.2432	1.7952	-41.2735
1	30	1934.3372	123.9833	6.1478	2.1154	-42.0475
1	31	1934.3375	-42.573	5.2491	1.7973	17.0745
1	32	1934.3372	-39.9514	6.1537	2.1175	16.3006
2	1	1810.0596	-3742.0362	51.4579	45.0247	780.3238
2	2	2201.4999	-3560.3578	9.7326	-32.0408	782.6261
2	3	1810.0596	-3999.1063	51.4638	45.026	835.6361
2	4	2201.4999	-3817.4278	9.7386	-32.0396	837.9385
2	5	1810.0588	3817.0076	51.0556	44.939	-837.8029
2	6	2201.499	3998.686	9.3304	-32.1265	-835.5006
2	7	1810.0588	3559.9375	51.0616	44.9403	-782.4906
2	8	2201.499	3741.6159	9.3364	-32.1253	-780.1882
2	9	1810.0596	-3738.7905	51.4574	45.0246	779.5976
2	10	2201.4999	-3557.1121	9.7322	-32.0409	781.8999
2	11	1810.0596	-3995.8606	51.4634	45.0259	834.91
2	12	2201.4999	-3814.1822	9.7381	-32.0397	837.2123
2	13	1810.0588	3820.2532	51.0551	44.9389	-838.5291
2	14	2201.499	4001.9317	9.3299	-32.1266	-836.2268
2	15	1810.0588	3563.1832	51.0611	44.9402	-783.2167
2	16	2201.499	3744.8616	9.3359	-32.1254	-780.9144
2	17	1809.3746	-3744.8779	-10.6379	31.8932	780.9179
2	18	2200.8149	-3563.1995	-52.3631	-45.1723	783.2202
2	19	1809.3746	-4001.948	-10.6319	31.8945	836.2303
2	20	2200.8149	-3820.2696	-52.3572	-45.1711	838.5326
2	21	1809.3738	3814.1658	-11.0402	31.8075	-837.2088
2	22	2200.814	3995.8443	-52.7654	-45.258	-834.9065
2	23	1809.3738	3557.0958	-11.0342	31.8088	-781.8964
2	24	2200.8141	3738.7742	-52.7594	-45.2568	-779.5941
2	25	1809.3746	-3741.6323	-10.6384	31.8931	780.1917
2	26	2200.8149	-3559.9538	-52.3636	-45.1724	782.494
2	27	1809.3746	-3998.7023	-10.6324	31.8944	835.5041
2	28	2200.8149	-3817.0239	-52.3577	-45.1712	837.8064
2	29	1809.3738	3817.4115	-11.0407	31.8074	-837.935
2	30	2200.814	3999.0899	-52.7659	-45.2581	-835.6326
2	31	1809.3738	3560.3414	-11.0347	31.8087	-782.6226
2	32	2200.8141	3742.0199	-52.7599	-45.2569	-780.3203
3	1	1952.6154	-157.0554	20.9979	-4.7263	25.8039
3	2	2057.9159	-92.1662	30.0633	15.5247	24.5733
3	3	1952.6154	-327.6739	20.9978	-4.7263	62.5
3	4	2057.9159	-262.7846	30.0632	15.5247	61.2694
3	5	1952.6151	255.7571	21.0051	-4.7248	-59.7733
3	6	2057.9156	320.6463	30.0704	15.5261	-61.0039
3	7	1952.6151	85.1386	21.005	-4.7248	-23.0773
3	8	2057.9156	150.0279	30.0703	15.5261	-24.3079
3	9	1952.6154	-152.1275	20.9979	-4.7263	24.7534
3	10	2057.9159	-87.2383	30.0633	15.5247	23.5228
3	11	1952.6154	-322.746	20.9978	-4.7263	61.4495
3	12	2057.9159	-257.8567	30.0632	15.5247	60.2189
3	13	1952.6151	260.685	21.0051	-4.7248	-60.8238
3	14	2057.9156	325.5742	30.0704	15.5261	-62.0544
3	15	1952.6151	90.0665	21.005	-4.7248	-24.1278
3	16	2057.9156	154.9557	30.0703	15.5261	-25.3584
3	17	1953.0848	-154.9393	-36.6068	-16.9453	25.3548
3	18	2058.3853	-90.05	-27.5415	3.3056	24.1242
3	19	1953.0848	-325.5577	-36.607	-16.9454	62.0509
3	20	2058.3853	-260.6685	-27.5416	3.3056	60.8203
3	21	1953.0844	257.8732	-36.5997	-16.9439	-60.2224
3	22	2058.3849	322.7625	-27.5344	3.3071	-61.453
3	23	1953.0844	87.2548	-36.5998	-16.9439	-23.5264
3	24	2058.3849	152.144	-27.5345	3.3071	-24.757
3	25	1953.0848	-150.0114	-36.6068	-16.9453	24.3043
3	26	2058.3853	-85.1221	-27.5415	3.3056	23.0737
3	27	1953.0848	-320.6298	-36.6069	-16.9454	61.0004
3	28	2058.3853	-255.7406	-27.5416	3.3056	59.7698
3	29	1953.0844	262.8011	-36.5997	-16.9439	-61.2729
3	30	2058.3849	327.6904	-27.5344	3.3071	-62.5035
3	31	1953.0844	92.1827	-36.5998	-16.9439	-24.5769
3	32	2058.3849	157.0719	-27.5345	3.3071	-25.8075

4	1	2017.066	76.4807	20.2005	4.0561	-15.5604
4	2	2017.0667	77.9442	16.3478	3.2833	-15.825
4	3	2017.066	-91.4074	20.2004	4.0561	18.3855
4	4	2017.0667	-89.9439	16.3478	3.2832	18.1209
4	5	2017.066	83.8825	20.2061	4.0572	-16.9305
4	6	2017.0667	85.346	16.3534	3.2844	-17.1951
4	7	2017.066	-84.0056	20.206	4.0572	17.0154
4	8	2017.0667	-82.5421	16.3533	3.2844	16.7507
4	9	2017.066	82.1569	20.2005	4.0561	-16.6738
4	10	2017.0667	83.6204	16.3478	3.2833	-16.9385
4	11	2017.066	-85.7312	20.2004	4.0561	17.2721
4	12	2017.0667	-84.2677	16.3478	3.2832	17.0074
4	13	2017.066	89.5587	20.2061	4.0572	-18.0439
4	14	2017.0667	91.0222	16.3534	3.2844	-18.3086
4	15	2017.066	-78.3294	20.206	4.0572	15.9019
4	16	2017.0667	-76.8659	16.3533	3.2844	15.6373
4	17	2017.075	76.8661	-24.5557	-4.9352	-15.6373
4	18	2017.0757	78.3296	-28.4084	-5.708	-15.902
4	19	2017.075	-91.0221	-24.5558	-4.9352	18.3086
4	20	2017.0757	-89.5585	-28.4085	-5.708	18.0439
4	21	2017.075	84.2679	-24.5502	-4.934	-17.0074
4	22	2017.0757	85.7314	-28.4028	-5.7069	-17.2721
4	23	2017.075	-83.6203	-24.5502	-4.9341	16.9384
4	24	2017.0757	-82.1567	-28.4029	-5.7069	16.6738
4	25	2017.075	82.5423	-24.5557	-4.9352	-16.7507
4	26	2017.0757	84.0058	-28.4084	-5.708	-17.0154
4	27	2017.075	-85.3458	-24.5558	-4.9352	17.1951
4	28	2017.0757	-83.8823	-28.4085	-5.708	16.9305
4	29	2017.075	89.9441	-24.5502	-4.934	-18.1209
4	30	2017.0757	91.4076	-28.4028	-5.7069	-18.3855
4	31	2017.075	-77.944	-24.5502	-4.9341	15.825
4	32	2017.0757	-76.4805	-28.4029	-5.7069	15.5603
5	1	2032.4721	66.0382	14.7513	2.7351	-12.3175
5	2	2032.473	65.9788	9.6478	1.785	-12.3061
5	3	2032.4721	-69.5309	14.7512	2.7351	12.9396
5	4	2032.473	-69.5903	9.6477	1.785	12.951
5	5	2032.4721	65.5884	14.7555	2.7359	-12.2316
5	6	2032.473	65.529	9.652	1.7858	-12.2203
5	7	2032.4721	-69.9806	14.7554	2.7359	13.0255
5	8	2032.473	-70.0401	9.652	1.7858	13.0368
5	9	2032.4721	69.8077	14.7513	2.7351	-12.9937
5	10	2032.473	69.7483	9.6478	1.785	-12.9823
5	11	2032.4721	-65.7613	14.7512	2.7351	12.2634
5	12	2032.473	-65.8207	9.6477	1.785	12.2748
5	13	2032.4721	69.358	14.7555	2.7359	-12.9078
5	14	2032.473	69.2985	9.652	1.7858	-12.8965
5	15	2032.4721	-66.2111	14.7554	2.7359	12.3493
5	16	2032.473	-66.2705	9.652	1.7858	12.3606
5	17	2032.4784	66.2704	-19.2059	-3.5706	-12.3606
5	18	2032.4793	66.211	-24.3094	-4.5207	-12.3493
5	19	2032.4784	-69.2986	-19.206	-3.5706	12.8965
5	20	2032.4793	-69.3581	-24.3095	-4.5207	12.9078
5	21	2032.4784	65.8206	-19.2017	-3.5698	-12.2748
5	22	2032.4793	65.7612	-24.3052	-4.5199	-12.2634
5	23	2032.4784	-69.7484	-19.2018	-3.5698	12.9823
5	24	2032.4793	-69.8078	-24.3052	-4.5199	12.9937
5	25	2032.4784	70.04	-19.2059	-3.5706	-13.0368
5	26	2032.4793	69.9805	-24.3094	-4.5207	-13.0254
5	27	2032.4784	-65.5291	-19.206	-3.5706	12.2203
5	28	2032.4793	-65.5885	-24.3094	-4.5207	12.2316
5	29	2032.4784	69.5902	-19.2017	-3.5698	-12.951
5	30	2032.4793	69.5308	-24.3052	-4.5199	-12.9396
5	31	2032.4784	-65.9789	-19.2018	-3.5698	12.3061
5	32	2032.4793	-66.0383	-24.3052	-4.5199	12.3175
6	1	1999.7488	37.8205	14.5042	3.2009	-8.4076
6	2	1999.7507	37.7732	5.7944	1.2795	-8.3971
6	3	1999.7488	-39.5623	14.5042	3.2009	8.7616
6	4	1999.7507	-39.6095	5.7943	1.2795	8.7721
6	5	1999.7488	37.4843	14.5086	3.2019	-8.3334
6	6	1999.7507	37.437	5.7988	1.2805	-8.3229

6	7	1999.7488	-39.8985	14.5085	3.2019	8.8358
6	8	1999.7507	-39.9457	5.7987	1.2804	8.8463
6	9	1999.7488	39.8238	14.5042	3.2009	-8.8194
6	10	1999.7507	39.7766	5.7944	1.2795	-8.809
6	11	1999.7488	-37.559	14.5042	3.2009	8.3498
6	12	1999.7507	-37.6062	5.7943	1.2795	8.3602
6	13	1999.7488	39.4876	14.5086	3.2019	-8.7452
6	14	1999.7507	39.4404	5.7988	1.2805	-8.7347
6	15	1999.7488	-37.8952	14.5085	3.2019	8.424
6	16	1999.7507	-37.9424	5.7987	1.2804	8.4345
6	17	1999.7566	37.9423	-20.7578	-4.5864	-8.4344
6	18	1999.7585	37.8951	-29.4677	-6.5079	-8.424
6	19	1999.7566	-39.4405	-20.7579	-4.5865	8.7348
6	20	1999.7585	-39.4877	-29.4678	-6.5079	8.7452
6	21	1999.7566	37.6061	-20.7534	-4.5855	-8.3602
6	22	1999.7585	37.5589	-29.4633	-6.5069	-8.3498
6	23	1999.7566	-39.7767	-20.7535	-4.5855	8.809
6	24	1999.7585	-39.8239	-29.4634	-6.5069	8.8194
6	25	1999.7566	39.9457	-20.7578	-4.5864	-8.8463
6	26	1999.7585	39.8985	-29.4677	-6.5079	-8.8358
6	27	1999.7566	-37.4371	-20.7579	-4.5865	8.3229
6	28	1999.7585	-37.4843	-29.4678	-6.5079	8.3334
6	29	1999.7566	39.6095	-20.7534	-4.5855	-8.772
6	30	1999.7585	39.5623	-29.4633	-6.5069	-8.7616
6	31	1999.7566	-37.7733	-20.7535	-4.5855	8.3972
6	32	1999.7585	-37.8205	-29.4634	-6.5069	8.4076
7	1	2017.079	20.4137	9.9249	1.9865	-4.1343
7	2	2017.0811	20.3812	-0.2091	-0.0505	-4.1278
7	3	2017.079	-21.5054	9.9248	1.9865	4.3272
7	4	2017.0811	-21.5379	-0.2091	-0.0505	4.3337
7	5	2017.079	20.1897	9.9281	1.9871	-4.0894
7	6	2017.0811	20.1572	-0.2058	-0.0499	-4.0829
7	7	2017.079	-21.7294	9.9281	1.9871	4.3721
7	8	2017.0811	-21.7619	-0.2059	-0.0499	4.3787
7	9	2017.079	21.6817	9.9249	1.9865	-4.3626
7	10	2017.0811	21.6492	-0.2091	-0.0505	-4.356
7	11	2017.079	-20.2374	9.9248	1.9865	4.0989
7	12	2017.0811	-20.2699	-0.2091	-0.0505	4.1055
7	13	2017.079	21.4578	9.9281	1.9871	-4.3176
7	14	2017.0811	21.4253	-0.2058	-0.0499	-4.3111
7	15	2017.079	-20.4614	9.9281	1.9871	4.1439
7	16	2017.0811	-20.4938	-0.2059	-0.0499	4.1504
7	17	2017.0843	20.4938	-16.1414	-3.243	-4.1504
7	18	2017.0863	20.4613	-26.2753	-5.28	-4.1439
7	19	2017.0843	-21.4253	-16.1414	-3.243	4.3111
7	20	2017.0863	-21.4578	-26.2754	-5.28	4.3176
7	21	2017.0843	20.2699	-16.1381	-3.2423	-4.1055
7	22	2017.0863	20.2374	-26.2721	-5.2793	-4.0989
7	23	2017.0843	-21.6493	-16.1382	-3.2423	4.3561
7	24	2017.0863	-21.6818	-26.2721	-5.2793	4.3626
7	25	2017.0843	21.7619	-16.1414	-3.243	-4.3786
7	26	2017.0863	21.7294	-26.2753	-5.28	-4.3721
7	27	2017.0843	-20.1573	-16.1414	-3.243	4.0829
7	28	2017.0863	-20.1898	-26.2754	-5.28	4.0894
7	29	2017.0843	21.5379	-16.1381	-3.2423	-4.3337
7	30	2017.0863	21.5054	-26.2721	-5.2793	-4.3272
7	31	2017.0843	-20.3812	-16.1382	-3.2423	4.1278
7	32	2017.0863	-20.4137	-26.2721	-5.2793	4.1343
8	1	2020.9171	-0.1896	7.089	1.3944	0.0331
8	2	2020.9195	-0.2139	-5.4512	-1.0727	0.0379
8	3	2020.9171	-0.3933	7.089	1.3943	0.0549
8	4	2020.9195	-0.4177	-5.4512	-1.0727	0.0597
8	5	2020.9171	-0.3297	7.0916	1.3949	0.0607
8	6	2020.9195	-0.3541	-5.4485	-1.0722	0.0655
8	7	2020.9171	-0.5335	7.0916	1.3949	0.0824
8	8	2020.9195	-0.5578	-5.4486	-1.0722	0.0872
8	9	2020.9171	0.5077	7.089	1.3944	-0.0774
8	10	2020.9195	0.4833	-5.4512	-1.0727	-0.0726
8	11	2020.9171	0.3039	7.089	1.3943	-0.0556
8	12	2020.9195	0.2796	-5.4512	-1.0727	-0.0508

8	13	2020.9171	0.3675	7.0916	1.3949	-0.0498
8	14	2020.9195	0.3432	-5.4485	-1.0722	-0.045
8	15	2020.9171	0.1638	7.0916	1.3949	-0.028
8	16	2020.9195	0.1394	-5.4486	-1.0722	-0.0232
8	17	2020.9212	-0.1395	-14.0182	-2.7627	0.0232
8	18	2020.9237	-0.1638	-26.5584	-5.2298	0.028
8	19	2020.9212	-0.3432	-14.0182	-2.7627	0.045
8	20	2020.9237	-0.3676	-26.5584	-5.2298	0.0498
8	21	2020.9212	-0.2796	-14.0156	-2.7622	0.0508
8	22	2020.9237	-0.304	-26.5557	-5.2292	0.0556
8	23	2020.9212	-0.4833	-14.0156	-2.7622	0.0726
8	24	2020.9237	-0.5077	-26.5558	-5.2292	0.0774
8	25	2020.9212	0.5578	-14.0182	-2.7627	-0.0872
8	26	2020.9237	0.5334	-26.5584	-5.2298	-0.0824
8	27	2020.9212	0.3541	-14.0182	-2.7627	-0.0655
8	28	2020.9237	0.3297	-26.5584	-5.2298	-0.0607
8	29	2020.9212	0.4176	-14.0155	-2.7622	-0.0597
8	30	2020.9237	0.3933	-26.5557	-5.2292	-0.0549
8	31	2020.9212	0.2139	-14.0156	-2.7622	-0.0379
8	32	2020.9237	0.1896	-26.5558	-5.2292	-0.0331
9	1	2026.7013	-21.9825	4.5509	0.8645	4.1986
9	2	2026.7042	-22.0099	-10.4383	-2.004	4.2039
9	3	2026.7013	21.8353	4.5509	0.8644	-4.1955
9	4	2026.7042	21.8079	-10.4383	-2.004	-4.1903
9	5	2026.7013	-22.0705	4.553	0.8649	4.2155
9	6	2026.7042	-22.098	-10.4362	-2.0036	4.2207
9	7	2026.7013	21.7473	4.553	0.8648	-4.1787
9	8	2026.7042	21.7198	-10.4362	-2.0036	-4.1735
9	9	2026.7013	-21.7513	4.5509	0.8645	4.1795
9	10	2026.7042	-21.7788	-10.4382	-2.004	4.1847
9	11	2026.7013	22.0665	4.5509	0.8645	-4.2147
9	12	2026.7042	22.039	-10.4383	-2.004	-4.2094
9	13	2026.7013	-21.8394	4.553	0.8649	4.1963
9	14	2026.7042	-21.8668	-10.4362	-2.0036	4.2016
9	15	2026.7013	21.9784	4.553	0.8648	-4.1979
9	16	2026.7042	21.951	-10.4362	-2.0036	-4.1926
9	17	2026.7045	-21.951	-12.1848	-2.3322	4.1926
9	18	2026.7073	-21.9785	-27.174	-5.2007	4.1979
9	19	2026.7045	21.8668	-12.1848	-2.3322	-4.2016
9	20	2026.7073	21.8394	-27.174	-5.2007	-4.1963
9	21	2026.7045	-22.039	-12.1827	-2.3318	4.2094
9	22	2026.7073	-22.0665	-27.1719	-5.2003	4.2147
9	23	2026.7045	21.7788	-12.1827	-2.3318	-4.1847
9	24	2026.7073	21.7513	-27.1719	-5.2003	-4.1795
9	25	2026.7045	-21.7199	-12.1848	-2.3322	4.1735
9	26	2026.7073	-21.7473	-27.174	-5.2007	4.1787
9	27	2026.7045	22.098	-12.1848	-2.3322	-4.2207
9	28	2026.7073	22.0705	-27.174	-5.2007	-4.2155
9	29	2026.7045	-21.8079	-12.1827	-2.3318	4.1903
9	30	2026.7073	-21.8353	-27.1719	-5.2003	4.1955
9	31	2026.7045	22.0099	-12.1827	-2.3318	-4.2039
9	32	2026.7073	21.9825	-27.1719	-5.2003	-4.1986
10	1	2026.6907	-43.4101	2.375	0.4529	8.3071
10	2	2026.6942	-43.4507	-15.9181	-3.043	8.3148
10	3	2026.6907	43.6973	2.375	0.4529	-8.388
10	4	2026.6942	43.6566	-15.9182	-3.043	-8.3802
10	5	2026.6907	-43.4637	2.3767	0.4532	8.3173
10	6	2026.6942	-43.5044	-15.9165	-3.0427	8.3251
10	7	2026.6907	43.6436	2.3767	0.4532	-8.3777
10	8	2026.6942	43.603	-15.9165	-3.0427	-8.3699
10	9	2026.6907	-43.6222	2.375	0.4529	8.3736
10	10	2026.6942	-43.6628	-15.9181	-3.043	8.3814
10	11	2026.6907	43.4852	2.375	0.4529	-8.3214
10	12	2026.6942	43.4445	-15.9182	-3.043	-8.3137
10	13	2026.6907	-43.6758	2.3767	0.4532	8.3839
10	14	2026.6942	-43.7165	-15.9164	-3.0427	8.3917
10	15	2026.6907	43.4315	2.3767	0.4532	-8.3112
10	16	2026.6942	43.3909	-15.9165	-3.0427	-8.3034
10	17	2026.6933	-43.3909	-11.2153	-2.1472	8.3034
10	18	2026.6968	-43.4316	-29.5084	-5.6431	8.3112

10	19	2026.6933	43.7165	-11.2153	-2.1472	-8.3917
10	20	2026.6968	43.6758	-29.5085	-5.6431	-8.3839
10	21	2026.6933	-43.4445	-11.2136	-2.1469	8.3137
10	22	2026.6968	-43.4852	-29.5067	-5.6427	8.3214
10	23	2026.6933	43.6628	-11.2136	-2.1469	-8.3814
10	24	2026.6968	43.6221	-29.5068	-5.6428	-8.3736
10	25	2026.6933	-43.603	-11.2153	-2.1472	8.3699
10	26	2026.6968	-43.6437	-29.5084	-5.6431	8.3777
10	27	2026.6933	43.5044	-11.2153	-2.1472	-8.3251
10	28	2026.6968	43.4637	-29.5085	-5.6431	-8.3173
10	29	2026.6933	-43.6566	-11.2136	-2.1469	8.3802
10	30	2026.6968	-43.6973	-29.5067	-5.6427	8.388
10	31	2026.6933	43.4507	-11.2136	-2.1469	-8.3148
10	32	2026.6968	43.41	-29.5068	-5.6428	-8.3071
11	1	1999.7629	-57.3244	0.3293	0.0663	12.725
11	2	1999.7688	-57.3829	-26.2115	-5.7962	12.7379
11	3	1999.7629	58.056	0.3293	0.0663	-12.9152
11	4	1999.7688	57.9975	-26.2115	-5.7962	-12.9023
11	5	1999.7629	-57.3534	0.331	0.0667	12.7314
11	6	1999.7688	-57.4119	-26.2099	-5.7959	12.7443
11	7	1999.7629	58.0271	0.3309	0.0667	-12.9089
11	8	1999.7688	57.9685	-26.2099	-5.7959	-12.896
11	9	1999.7629	-57.9789	0.3293	0.0663	12.8982
11	10	1999.7688	-58.0374	-26.2115	-5.7962	12.9111
11	11	1999.7629	57.4015	0.3293	0.0663	-12.742
11	12	1999.7688	57.343	-26.2115	-5.7962	-12.7291
11	13	1999.7629	-58.0079	0.331	0.0667	12.9046
11	14	1999.7688	-58.0664	-26.2099	-5.7959	12.9175
11	15	1999.7629	57.3725	0.3309	0.0667	-12.7356
11	16	1999.7688	57.314	-26.2099	-5.7959	-12.7227
11	17	1999.7658	-57.314	-12.6392	-2.7935	12.7227
11	18	1999.7716	-57.3725	-39.18	-8.656	12.7356
11	19	1999.7658	58.0664	-12.6392	-2.7935	-12.9175
11	20	1999.7716	58.0079	-39.18	-8.656	-12.9046
11	21	1999.7658	-57.343	-12.6376	-2.7931	12.7291
11	22	1999.7716	-57.4015	-39.1784	-8.6557	12.742
11	23	1999.7658	58.0374	-12.6376	-2.7931	-12.9111
11	24	1999.7716	57.9789	-39.1784	-8.6557	-12.8982
11	25	1999.7658	-57.9686	-12.6392	-2.7935	12.896
11	26	1999.7716	-58.0271	-39.18	-8.656	12.9089
11	27	1999.7658	57.4119	-12.6392	-2.7935	-12.7443
11	28	1999.7716	57.3534	-39.18	-8.656	-12.7314
11	29	1999.7658	-57.9975	-12.6376	-2.7931	12.9023
11	30	1999.7716	-58.056	-39.1784	-8.6557	12.9152
11	31	1999.7658	57.3829	-12.6376	-2.7931	-12.7379
11	32	1999.7716	57.3244	-39.1784	-8.6557	-12.725
12	1	2032.4642	-89.0066	-1.7546	-0.3273	16.5715
12	2	2032.4689	-89.1174	-27.4442	-5.0999	16.5921
12	3	2032.4642	90.6843	-1.7546	-0.3273	-16.9086
12	4	2032.4689	90.5736	-27.4442	-5.0999	-16.888
12	5	2032.4642	-89.0272	-1.7536	-0.3271	16.5753
12	6	2032.4689	-89.138	-27.4432	-5.0997	16.5959
12	7	2032.4642	90.6637	-1.7536	-0.3271	-16.9047
12	8	2032.4689	90.553	-27.4432	-5.0997	-16.8842
12	9	2032.4642	-90.5603	-1.7546	-0.3273	16.8855
12	10	2032.4689	-90.6711	-27.4442	-5.0999	16.9061
12	11	2032.4642	89.1306	-1.7546	-0.3273	-16.5945
12	12	2032.4689	89.0198	-27.4442	-5.0999	-16.574
12	13	2032.4642	-90.5809	-1.7536	-0.3271	16.8894
12	14	2032.4689	-90.6917	-27.4432	-5.0997	16.9099
12	15	2032.4642	89.11	-1.7536	-0.3271	-16.5907
12	16	2032.4689	88.9992	-27.4432	-5.0997	-16.5701
12	17	2032.4657	-88.9992	-9.8312	-1.8297	16.5701
12	18	2032.4704	-89.11	-35.5208	-6.6023	16.5907
12	19	2032.4657	90.6917	-9.8312	-1.8297	-16.9099
12	20	2032.4704	90.5809	-35.5208	-6.6023	-16.8894
12	21	2032.4657	-89.0198	-9.8302	-1.8295	16.574
12	22	2032.4704	-89.1306	-35.5198	-6.6021	16.5945
12	23	2032.4657	90.6711	-9.8302	-1.8295	-16.9061
12	24	2032.4704	90.5603	-35.5198	-6.6021	-16.8855

12	25	2032.4657	-90.553	-9.8312	-1.8297	16.8842
12	26	2032.4704	-90.6637	-35.5208	-6.6023	16.9047
12	27	2032.4657	89.1379	-9.8312	-1.8297	-16.5959
12	28	2032.4704	89.0272	-35.5208	-6.6023	-16.5753
12	29	2032.4657	-90.5736	-9.8302	-1.8295	16.888
12	30	2032.4704	-90.6843	-35.5198	-6.6021	16.9086
12	31	2032.4657	89.1174	-9.8302	-1.8295	-16.5921
12	32	2032.4704	89.0066	-35.5198	-6.6021	-16.5715
13	1	2017.0819	-103.3789	-4.2102	-0.8512	20.9065
13	2	2017.0887	-103.5482	-38.1763	-7.6763	20.9405
13	3	2017.0819	106.116	-4.2102	-0.8512	-21.4823
13	4	2017.0887	105.9467	-38.1763	-7.6763	-21.4484
13	5	2017.0819	-103.3911	-4.2093	-0.851	20.909
13	6	2017.0887	-103.5603	-38.1755	-7.6762	20.9429
13	7	2017.0819	106.1038	-4.2094	-0.851	-21.4799
13	8	2017.0887	105.9346	-38.1755	-7.6762	-21.4459
13	9	2017.0819	-105.9389	-4.2102	-0.8512	21.4468
13	10	2017.0887	-106.1082	-38.1763	-7.6763	21.4808
13	11	2017.0819	103.556	-4.2102	-0.8512	-20.9421
13	12	2017.0887	103.3867	-38.1763	-7.6763	-20.9081
13	13	2017.0819	-105.9511	-4.2093	-0.851	21.4492
13	14	2017.0887	-106.1203	-38.1755	-7.6762	21.4832
13	15	2017.0819	103.5438	-4.2094	-0.851	-20.9396
13	16	2017.0887	103.3746	-38.1755	-7.6762	-20.9056
13	17	2017.0832	-103.3746	-10.7821	-2.1688	20.9056
13	18	2017.09	-103.5438	-44.7483	-8.9939	20.9396
13	19	2017.0832	106.1203	-10.7821	-2.1688	-21.4832
13	20	2017.09	105.9511	-44.7483	-8.9939	-21.4492
13	21	2017.0832	-103.3867	-10.7813	-2.1686	20.9081
13	22	2017.09	-103.556	-44.7475	-8.9937	20.9421
13	23	2017.0832	106.1082	-10.7813	-2.1686	-21.4808
13	24	2017.09	105.9389	-44.7475	-8.9937	-21.4468
13	25	2017.0832	-105.9346	-10.7821	-2.1688	21.4459
13	26	2017.09	-106.1038	-44.7483	-8.9939	21.4799
13	27	2017.0832	103.5603	-10.7821	-2.1688	-20.9429
13	28	2017.09	103.3911	-44.7483	-8.9939	-20.909
13	29	2017.0832	-105.9467	-10.7813	-2.1686	21.4484
13	30	2017.09	-106.116	-44.7475	-8.9937	21.4823
13	31	2017.0832	103.5482	-10.7813	-2.1686	-20.9405
13	32	2017.09	103.3789	-44.7475	-8.9937	-20.9065
14	1	2005.5262	-114.8854	-7.1732	-1.534	24.7287
14	2	2005.5356	-115.1395	-51.0442	-10.9042	24.7831
14	3	2005.5262	119.1759	-7.1732	-1.534	-25.6747
14	4	2005.5356	118.9217	-51.0442	-10.9042	-25.6203
14	5	2005.5262	-114.8928	-7.1726	-1.5338	24.7303
14	6	2005.5356	-115.147	-51.0436	-10.904	24.7847
14	7	2005.5262	119.1685	-7.1726	-1.5338	-25.6731
14	8	2005.5356	118.9143	-51.0436	-10.904	-25.6187
14	9	2005.5262	-118.917	-7.1732	-1.534	25.6193
14	10	2005.5356	-119.1711	-51.0442	-10.9042	25.6737
14	11	2005.5262	115.1443	-7.1732	-1.534	-24.7841
14	12	2005.5356	114.8901	-51.0442	-10.9042	-24.7297
14	13	2005.5262	-118.9244	-7.1726	-1.5338	25.6208
14	14	2005.5356	-119.1785	-51.0436	-10.904	25.6752
14	15	2005.5262	115.1369	-7.1726	-1.5338	-24.7825
14	16	2005.5356	114.8827	-51.0436	-10.904	-24.7281
14	17	2005.5272	-114.8827	-11.9516	-2.5561	24.7281
14	18	2005.5366	-115.1369	-55.8226	-11.9263	24.7825
14	19	2005.5272	119.1785	-11.9516	-2.5561	-25.6752
14	20	2005.5366	118.9244	-55.8226	-11.9263	-25.6208
14	21	2005.5272	-114.8901	-11.951	-2.556	24.7297
14	22	2005.5366	-115.1443	-55.822	-11.9262	24.7841
14	23	2005.5272	119.1711	-11.951	-2.556	-25.6737
14	24	2005.5366	118.917	-55.8221	-11.9262	-25.6193
14	25	2005.5272	-118.9143	-11.9516	-2.5561	25.6187
14	26	2005.5366	-119.1685	-55.8226	-11.9263	25.6731
14	27	2005.5272	115.1469	-11.9516	-2.5561	-24.7847
14	28	2005.5366	114.8928	-55.8226	-11.9263	-24.7303
14	29	2005.5272	-118.9217	-11.951	-2.556	25.6203
14	30	2005.5366	-119.1759	-55.822	-11.9262	25.6747

14	31	2005.5272	115.1395	-11.951	-2.556	-24.7831
14	32	2005.5366	114.8854	-55.8221	-11.9262	-24.7287
15	1	1967.0548	-103.6505	-13.4987	-3.6762	28.3541
15	2	1967.0741	-103.7266	-84.2039	-22.898	28.4117
15	3	1967.0548	109.0431	-13.4987	-3.6762	-29.8904
15	4	1967.0741	108.967	-84.2039	-22.898	-29.8328
15	5	1967.0548	-103.6547	-13.4983	-3.6761	28.3552
15	6	1967.0741	-103.7308	-84.2034	-22.8979	28.4128
15	7	1967.0548	109.0389	-13.4983	-3.6761	-29.8893
15	8	1967.0741	108.9628	-84.2034	-22.8979	-29.8317
15	9	1967.0548	-108.9643	-13.4987	-3.6762	29.8321
15	10	1967.0741	-109.0404	-84.2039	-22.898	29.8897
15	11	1967.0548	103.7293	-13.4987	-3.6762	-28.4124
15	12	1967.0741	103.6532	-84.2039	-22.898	-28.3548
15	13	1967.0548	-108.9685	-13.4983	-3.6761	29.8332
15	14	1967.0741	-109.0446	-84.2034	-22.8979	29.8908
15	15	1967.0548	103.7251	-13.4983	-3.6761	-28.4113
15	16	1967.0741	103.649	-84.2034	-22.8979	-28.3537
15	17	1967.0558	-103.649	-16.999	-4.625	28.3537
15	18	1967.075	-103.7251	-87.7042	-23.8467	28.4113
15	19	1967.0558	109.0446	-16.999	-4.625	-29.8908
15	20	1967.075	108.9685	-87.7042	-23.8467	-29.8332
15	21	1967.0558	-103.6532	-16.9986	-4.6248	28.3548
15	22	1967.075	-103.7293	-87.7037	-23.8466	28.4124
15	23	1967.0558	109.0404	-16.9986	-4.6248	-29.8897
15	24	1967.075	108.9643	-87.7037	-23.8466	-29.8321
15	25	1967.0558	-108.9628	-16.999	-4.625	29.8317
15	26	1967.075	-109.0389	-87.7042	-23.8467	29.8893
15	27	1967.0558	103.7308	-16.999	-4.625	-28.4128
15	28	1967.075	103.6547	-87.7042	-23.8467	-28.3552
15	29	1967.0558	-108.967	-16.9986	-4.6248	29.8328
15	30	1967.075	-109.0431	-87.7037	-23.8466	29.8904
15	31	1967.0558	103.7266	-16.9986	-4.6248	-28.4117
15	32	1967.075	103.6505	-87.7037	-23.8466	-28.3541

- 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	1934.3232	136.0249	45.6335	16.0909	-55.0906
1	2	1934.3229	138.6465	46.5381	16.411	-55.8646
1	3	1934.3232	136.1155	45.6333	16.0908	-55.1074
1	4	1934.3229	138.7371	46.538	16.411	-55.8813
1	5	1934.3297	135.8938	27.3827	9.6312	-55.0447
1	6	1934.3294	138.5154	28.2874	9.9514	-55.8187
1	7	1934.3297	135.9844	27.3826	9.6312	-55.0614
1	8	1934.3294	138.606	28.2872	9.9514	-55.8354
1	9	1934.3232	-410.4242	45.653	16.0978	139.4028
1	10	1934.3229	-407.8026	46.5576	16.4179	138.6289
1	11	1934.3232	-410.3336	45.6528	16.0977	139.3861
1	12	1934.3229	-407.712	46.5574	16.4179	138.6121
1	13	1934.3297	-410.5553	27.4022	9.6381	139.4488
1	14	1934.3294	-407.9337	28.3068	9.9583	138.6748
1	15	1934.3297	-410.4647	27.4021	9.6381	139.432
1	16	1934.3294	-407.8431	28.3067	9.9583	138.6581
1	17	1934.3237	407.8429	44.3204	15.6261	-138.658
1	18	1934.3234	410.4645	45.225	15.9463	-139.432
1	19	1934.3237	407.9336	44.3203	15.6261	-138.6748
1	20	1934.3234	410.5552	45.2249	15.9462	-139.4487
1	21	1934.3302	407.7118	26.0697	9.1665	-138.6121
1	22	1934.3298	410.3334	26.9743	9.4867	-139.386
1	23	1934.3302	407.8025	26.0695	9.1664	-138.6288
1	24	1934.3298	410.4241	26.9742	9.4866	-139.4028
1	25	1934.3237	-138.6061	44.3399	15.633	55.8354
1	26	1934.3234	-135.9846	45.2445	15.9532	55.0615
1	27	1934.3237	-138.5155	44.3398	15.633	55.8187

1	28	1934.3234	-135.8939	45.2444	15.9531	55.0447
1	29	1934.3302	-138.7373	26.0892	9.1734	55.8814
1	30	1934.3298	-136.1157	26.9938	9.4936	55.1074
1	31	1934.3302	-138.6466	26.089	9.1733	55.8646
1	32	1934.3298	-136.025	26.9936	9.4935	55.0907
2	1	1809.8208	-12260.8642	30.1865	40.5271	2603.5609
2	2	2201.2611	-12079.1857	-11.5387	-36.5384	2605.8633
2	3	1809.8208	-12259.8905	30.1864	40.5271	2603.3431
2	4	2201.2611	-12078.212	-11.5389	-36.5384	2605.6454
2	5	1809.6153	-12261.7167	11.5578	36.5877	2603.7392
2	6	2201.0556	-12080.0383	-30.1675	-40.4779	2606.0415
2	7	1809.6153	-12260.743	11.5576	36.5877	2603.5213
2	8	2201.0556	-12079.0646	-30.1676	-40.4779	2605.8236
2	9	1809.8209	-13117.7644	30.2064	40.5314	2787.9355
2	10	2201.2611	-12936.0859	-11.5188	-36.5342	2790.2378
2	11	1809.8209	-13116.7907	30.2063	40.5313	2787.7177
2	12	2201.2611	-12935.1122	-11.519	-36.5342	2790.02
2	13	1809.6154	-13118.6169	11.5777	36.5919	2788.1137
2	14	2201.0556	-12936.9384	-30.1476	-40.4736	2790.4161
2	15	1809.6154	-13117.6432	11.5775	36.5919	2787.8959
2	16	2201.0556	-12935.9647	-30.1477	-40.4736	2790.1982
2	17	1809.8181	12935.9484	28.8457	40.2415	-2790.1947
2	18	2201.2583	13117.6268	-12.8796	-36.8241	-2787.8924
2	19	1809.8181	12936.9221	28.8455	40.2415	-2790.4126
2	20	2201.2583	13118.6005	-12.8797	-36.8241	-2788.1103
2	21	1809.6126	12935.0959	10.2169	36.302	-2790.0165
2	22	2201.0528	13116.7743	-31.5083	-40.7635	-2787.7142
2	23	1809.6126	12936.0696	10.2168	36.302	-2790.2343
2	24	2201.0528	13117.748	-31.5085	-40.7635	-2787.932
2	25	1809.8181	12079.0482	28.8656	40.2457	-2605.8202
2	26	2201.2583	12260.7266	-12.8597	-36.8198	-2603.5178
2	27	1809.8181	12080.0219	28.8654	40.2457	-2606.038
2	28	2201.2583	12261.7003	-12.8598	-36.8198	-2603.7357
2	29	1809.6126	12078.1957	10.2368	36.3063	-2605.6419
2	30	2201.0529	12259.8741	-31.4884	-40.7593	-2603.3396
2	31	1809.6126	12079.1694	10.2367	36.3062	-2605.8598
2	32	2201.0528	12260.8478	-31.4886	-40.7593	-2603.5574
3	1	1952.7801	-437.1497	0.8281	-9.0046	82.3072
3	2	2058.0806	-372.2605	9.8934	11.2463	81.0765
3	3	1952.7801	-435.6714	0.8281	-9.0046	81.992
3	4	2058.0806	-370.7821	9.8934	11.2463	80.7614
3	5	1952.9209	-436.5149	-16.4534	-12.6703	82.1724
3	6	2058.2214	-371.6256	-7.388	7.5806	80.9418
3	7	1952.9209	-435.0365	-16.4534	-12.6703	81.8573
3	8	2058.2214	-370.1473	-7.388	7.5806	80.6267
3	9	1952.7801	-1005.8779	0.8277	-9.0047	204.6273
3	10	2058.0806	-940.9886	9.893	11.2463	203.3967
3	11	1952.7801	-1004.3995	0.8277	-9.0047	204.3122
3	12	2058.0806	-939.5103	9.893	11.2463	203.0815
3	13	1952.9209	-1005.243	-16.4537	-12.6704	204.4926
3	14	2058.2214	-940.3538	-7.3884	7.5805	203.262
3	15	1952.9209	-1003.7647	-16.4537	-12.6704	204.1774
3	16	2058.2214	-938.8754	-7.3884	7.5805	202.9468
3	17	1952.7789	938.8919	0.8519	-8.9998	-202.9504
3	18	2058.0794	1003.7811	9.9172	11.2512	-204.181
3	19	1952.7789	940.3703	0.8519	-8.9998	-203.2655
3	20	2058.0794	1005.2595	9.9172	11.2512	-204.4961
3	21	1952.9197	939.5268	-16.4296	-12.6655	-203.0851
3	22	2058.2202	1004.416	-7.3642	7.5855	-204.3157
3	23	1952.9197	941.0051	-16.4296	-12.6655	-203.4002
3	24	2058.2202	1005.8944	-7.3642	7.5855	-204.6308
3	25	1952.7789	370.1638	0.8515	-8.9998	-80.6302
3	26	2058.0794	435.053	9.9168	11.2511	-81.8608
3	27	1952.7789	371.6421	0.8515	-8.9998	-80.9454
3	28	2058.0794	436.5314	9.9168	11.2511	-82.176
3	29	1952.9197	370.7986	-16.4299	-12.6655	-80.7649
3	30	2058.2202	435.6878	-7.3646	7.5854	-81.9955
3	31	1952.9197	372.277	-16.4299	-12.6655	-81.0801
3	32	2058.2202	437.1662	-7.3646	7.5854	-82.3107
4	1	2017.0691	265.8363	4.5294	0.9079	-53.982

4	2	2017.0699	267.2998	0.6768	0.135	-54.2467
4	3	2017.0691	267.5391	4.5294	0.9079	-54.316
4	4	2017.0699	269.0027	0.6768	0.135	-54.5807
4	5	2017.0718	265.9519	-8.8975	-1.7895	-54.0051
4	6	2017.0726	267.4154	-12.7501	-2.5623	-54.2697
4	7	2017.0718	267.6548	-8.8975	-1.7895	-54.3391
4	8	2017.0726	269.1183	-12.7501	-2.5623	-54.6038
4	9	2017.0691	-293.7908	4.5291	0.9078	59.1709
4	10	2017.0699	-292.3273	0.6765	0.135	58.9062
4	11	2017.0691	-292.0879	4.5291	0.9078	58.8368
4	12	2017.0699	-290.6244	0.6765	0.135	58.5722
4	13	2017.0718	-293.6752	-8.8977	-1.7896	59.1478
4	14	2017.0726	-292.2116	-12.7504	-2.5624	58.8831
4	15	2017.0718	-291.9723	-8.8977	-1.7896	58.8137
4	16	2017.0726	-290.5088	-12.7504	-2.5624	58.5491
4	17	2017.0691	290.5089	4.548	0.9116	-58.5491
4	18	2017.0699	291.9725	0.6953	0.1388	-58.8138
4	19	2017.0691	292.2118	4.548	0.9116	-58.8832
4	20	2017.0699	293.6753	0.6953	0.1388	-59.1478
4	21	2017.0718	290.6246	-8.8789	-1.7858	-58.5722
4	22	2017.0726	292.0881	-12.7315	-2.5586	-58.8369
4	23	2017.0718	292.3274	-8.8789	-1.7858	-58.9062
4	24	2017.0726	293.7909	-12.7315	-2.5586	-59.1709
4	25	2017.0691	-269.1181	4.5477	0.9115	54.6037
4	26	2017.0699	-267.6546	0.6951	0.1387	54.3391
4	27	2017.0691	-267.4152	4.5477	0.9115	54.2697
4	28	2017.0699	-265.9517	0.6951	0.1387	54.0051
4	29	2017.0718	-269.0025	-8.8791	-1.7858	54.5807
4	30	2017.0726	-267.539	-12.7318	-2.5587	54.316
4	31	2017.0718	-267.2996	-8.8791	-1.7858	54.2466
4	32	2017.0726	-265.8361	-12.7318	-2.5587	53.982
5	1	2032.4743	226.1274	2.8614	0.5272	-42.136
5	2	2032.4752	226.068	-2.2421	-0.4229	-42.1246
5	3	2032.4743	227.2583	2.8614	0.5272	-42.3389
5	4	2032.4752	227.1989	-2.2421	-0.4229	-42.3275
5	5	2032.4762	226.1971	-7.3258	-1.3645	-42.149
5	6	2032.4771	226.1377	-12.4292	-2.3146	-42.1376
5	7	2032.4762	227.328	-7.3258	-1.3645	-42.3518
5	8	2032.4771	227.2686	-12.4292	-2.3146	-42.3404
5	9	2032.4743	-225.7694	2.8612	0.5272	42.0543
5	10	2032.4752	-225.8288	-2.2423	-0.4229	42.0657
5	11	2032.4743	-224.6385	2.8612	0.5272	41.8514
5	12	2032.4752	-224.6979	-2.2423	-0.4229	41.8628
5	13	2032.4762	-225.6997	-7.326	-1.3645	42.0414
5	14	2032.4771	-225.7591	-12.4294	-2.3146	42.0527
5	15	2032.4762	-224.5688	-7.326	-1.3645	41.8385
5	16	2032.4771	-224.6283	-12.4294	-2.3146	41.8499
5	17	2032.4743	224.6282	2.8755	0.5298	-41.8498
5	18	2032.4752	224.5687	-2.228	-0.4203	-41.8385
5	19	2032.4743	225.759	2.8755	0.5298	-42.0527
5	20	2032.4752	225.6996	-2.228	-0.4203	-42.0413
5	21	2032.4762	224.6978	-7.3117	-1.3619	-41.8628
5	22	2032.4771	224.6384	-12.4151	-2.312	-41.8514
5	23	2032.4762	225.8287	-7.3117	-1.3619	-42.0656
5	24	2032.4771	225.7693	-12.4151	-2.312	-42.0543
5	25	2032.4743	-227.2687	2.8753	0.5298	42.3405
5	26	2032.4752	-227.3281	-2.2282	-0.4203	42.3518
5	27	2032.4743	-226.1378	2.8753	0.5298	42.1376
5	28	2032.4752	-226.1972	-2.2282	-0.4203	42.149
5	29	2032.4762	-227.199	-7.3119	-1.3619	42.3275
5	30	2032.4771	-227.2584	-12.4153	-2.312	42.3389
5	31	2032.4762	-226.0681	-7.3119	-1.3619	42.1247
5	32	2032.4771	-226.1275	-12.4153	-2.312	42.136
6	1	1999.7515	129.2364	2.1575	0.4742	-28.6784
6	2	1999.7534	129.1892	-6.5524	-1.4472	-28.668
6	3	1999.7515	129.8375	2.1575	0.4742	-28.802
6	4	1999.7534	129.7902	-6.5524	-1.4472	-28.7915
6	5	1999.7539	129.273	-8.4212	-1.862	-28.6865
6	6	1999.7558	129.2258	-17.131	-3.7834	-28.676
6	7	1999.7539	129.874	-8.4212	-1.862	-28.81

6	8	1999.7558	129.8268	-17.131	-3.7834	-28.7996
6	9	1999.7515	-128.7062	2.1572	0.4742	28.5522
6	10	1999.7534	-128.7534	-6.5526	-1.4472	28.5627
6	11	1999.7515	-128.1052	2.1572	0.4742	28.4287
6	12	1999.7534	-128.1524	-6.5526	-1.4472	28.4391
6	13	1999.7539	-128.6696	-8.4214	-1.862	28.5442
6	14	1999.7558	-128.7169	-17.1312	-3.7835	28.5546
6	15	1999.7539	-128.0686	-8.4214	-1.862	28.4206
6	16	1999.7558	-128.1158	-17.1312	-3.7835	28.4311
6	17	1999.7515	128.1158	2.1721	0.4775	-28.431
6	18	1999.7534	128.0686	-6.5378	-1.444	-28.4206
6	19	1999.7515	128.7168	2.1721	0.4775	-28.5546
6	20	1999.7534	128.6696	-6.5378	-1.444	-28.5442
6	21	1999.7539	128.1523	-8.4065	-1.8587	-28.4391
6	22	1999.7558	128.1051	-17.1164	-3.7802	-28.4287
6	23	1999.7539	128.7534	-8.4065	-1.8587	-28.5626
6	24	1999.7558	128.7061	-17.1164	-3.7802	-28.5522
6	25	1999.7515	-129.8268	2.1719	0.4774	28.7996
6	26	1999.7534	-129.8741	-6.538	-1.444	28.81
6	27	1999.7515	-129.2258	2.1719	0.4774	28.6761
6	28	1999.7534	-129.2731	-6.538	-1.444	28.6865
6	29	1999.7539	-129.7903	-8.4067	-1.8588	28.7915
6	30	1999.7558	-129.8375	-17.1166	-3.7802	28.802
6	31	1999.7539	-129.1893	-8.4067	-1.8588	28.668
6	32	1999.7558	-129.2365	-17.1166	-3.7802	28.6784
7	1	2017.0809	70.0525	0.7979	0.1554	-14.144
7	2	2017.0829	70.02	-9.336	-1.8816	-14.1375
7	3	2017.0809	70.4329	0.7979	0.1554	-14.2125
7	4	2017.0829	70.4004	-9.336	-1.8816	-14.206
7	5	2017.0824	70.0765	-7.0219	-1.4134	-14.1489
7	6	2017.0845	70.044	-17.1559	-3.4504	-14.1423
7	7	2017.0824	70.4569	-7.0219	-1.4134	-14.2173
7	8	2017.0845	70.4244	-17.1559	-3.4504	-14.2108
7	9	2017.0809	-69.678	0.7978	0.1554	14.061
7	10	2017.0829	-69.7105	-9.3362	-1.8816	14.0675
7	11	2017.0809	-69.2975	0.7978	0.1554	13.9925
7	12	2017.0829	-69.33	-9.3362	-1.8816	13.999
7	13	2017.0824	-69.6539	-7.0221	-1.4135	14.0562
7	14	2017.0845	-69.6864	-17.156	-3.4504	14.0627
7	15	2017.0824	-69.2735	-7.0221	-1.4135	13.9877
7	16	2017.0845	-69.306	-17.156	-3.4504	13.9942
7	17	2017.0809	69.306	0.8088	0.1576	-13.9942
7	18	2017.0829	69.2735	-9.3252	-1.8794	-13.9877
7	19	2017.0809	69.6864	0.8088	0.1576	-14.0627
7	20	2017.0829	69.6539	-9.3252	-1.8794	-14.0562
7	21	2017.0824	69.33	-7.0111	-1.4113	-13.999
7	22	2017.0845	69.2975	-17.145	-3.4482	-13.9925
7	23	2017.0824	69.7104	-7.0111	-1.4113	-14.0675
7	24	2017.0845	69.6779	-17.145	-3.4482	-14.061
7	25	2017.0809	-70.4245	0.8086	0.1576	14.2108
7	26	2017.0829	-70.457	-9.3253	-1.8794	14.2173
7	27	2017.0809	-70.0441	0.8086	0.1576	14.1423
7	28	2017.0829	-70.0766	-9.3253	-1.8794	14.1489
7	29	2017.0824	-70.4004	-7.0113	-1.4113	14.206
7	30	2017.0845	-70.4329	-17.1452	-3.4483	14.2125
7	31	2017.0824	-70.02	-7.0113	-1.4113	14.1375
7	32	2017.0845	-70.0525	-17.1452	-3.4483	14.144
8	1	2020.9185	0.4732	-0.3015	-0.0612	-0.0666
8	2	2020.921	0.4488	-12.8417	-2.5283	-0.0618
8	3	2020.9185	0.6824	-0.3015	-0.0612	-0.0997
8	4	2020.921	0.658	-12.8417	-2.5283	-0.0949
8	5	2020.9198	0.4882	-6.6337	-1.3083	-0.0695
8	6	2020.9223	0.4639	-19.1739	-3.7754	-0.0647
8	7	2020.9198	0.6974	-6.6337	-1.3083	-0.1027
8	8	2020.9223	0.673	-19.1739	-3.7754	-0.0979
8	9	2020.9185	-0.2059	-0.3017	-0.0612	0.0059
8	10	2020.921	-0.2303	-12.8418	-2.5283	0.0107
8	11	2020.9185	0.0033	-0.3017	-0.0612	-0.0272
8	12	2020.921	-0.0211	-12.8418	-2.5283	-0.0224
8	13	2020.9198	-0.1909	-6.6338	-1.3083	0.003

8	14	2020.9223	-0.2152	-19.174	-3.7754	0.0078
8	15	2020.9198	0.0183	-6.6338	-1.3083	-0.0302
8	16	2020.9223	-0.0061	-19.174	-3.7754	-0.0254
8	17	2020.9185	0.006	-0.2928	-0.0595	0.0254
8	18	2020.921	-0.0183	-12.833	-2.5265	0.0302
8	19	2020.9185	0.2152	-0.2928	-0.0595	-0.0078
8	20	2020.921	0.1908	-12.833	-2.5265	-0.003
8	21	2020.9198	0.0211	-6.6249	-1.3066	0.0224
8	22	2020.9222	-0.0033	-19.1651	-3.7737	0.0272
8	23	2020.9198	0.2302	-6.6249	-1.3066	-0.0107
8	24	2020.9222	0.2059	-19.1651	-3.7737	-0.0059
8	25	2020.9185	-0.6731	-0.2929	-0.0595	0.0979
8	26	2020.921	-0.6974	-12.8331	-2.5266	0.1027
8	27	2020.9185	-0.4639	-0.2929	-0.0595	0.0647
8	28	2020.921	-0.4882	-12.8331	-2.5266	0.0695
8	29	2020.9198	-0.658	-6.625	-1.3066	0.0949
8	30	2020.9222	-0.6824	-19.1652	-3.7737	0.0997
8	31	2020.9198	-0.4488	-6.625	-1.3066	0.0618
8	32	2020.9222	-0.4732	-19.1652	-3.7737	0.0666
9	1	2026.7024	-72.9086	-1.309	-0.2548	13.9634
9	2	2026.7053	-72.9361	-16.2981	-3.1233	13.9686
9	3	2026.7024	-72.8393	-1.309	-0.2548	13.9576
9	4	2026.7053	-72.8668	-16.2981	-3.1233	13.9629
9	5	2026.7034	-72.8992	-6.3297	-1.2138	13.9616
9	6	2026.7062	-72.9267	-21.3189	-4.0823	13.9668
9	7	2026.7034	-72.8299	-6.3297	-1.2138	13.9558
9	8	2026.7062	-72.8573	-21.3189	-4.0823	13.9611
9	9	2026.7024	73.1508	-1.3091	-0.2548	-14.0172
9	10	2026.7053	73.1233	-16.2983	-3.1233	-14.0119
9	11	2026.7024	73.2201	-1.3091	-0.2548	-14.0229
9	12	2026.7053	73.1927	-16.2983	-3.1233	-14.0177
9	13	2026.7034	73.1602	-6.3298	-1.2138	-14.019
9	14	2026.7062	73.1328	-21.319	-4.0823	-14.0137
9	15	2026.7034	73.2295	-6.3298	-1.2138	-14.0247
9	16	2026.7062	73.2021	-21.319	-4.0823	-14.0195
9	17	2026.7024	-73.2021	-1.302	-0.2535	14.0195
9	18	2026.7053	-73.2296	-16.2912	-3.122	14.0247
9	19	2026.7024	-73.1328	-1.302	-0.2535	14.0137
9	20	2026.7053	-73.1602	-16.2912	-3.122	14.019
9	21	2026.7034	-73.1927	-6.3227	-1.2125	14.0177
9	22	2026.7062	-73.2201	-21.3119	-4.081	14.0229
9	23	2026.7034	-73.1233	-6.3227	-1.2125	14.0119
9	24	2026.7062	-73.1508	-21.3119	-4.081	14.0172
9	25	2026.7024	72.8573	-1.3021	-0.2535	-13.9611
9	26	2026.7053	72.8298	-16.2913	-3.122	-13.9558
9	27	2026.7024	72.9266	-1.3021	-0.2535	-13.9668
9	28	2026.7053	72.8992	-16.2913	-3.122	-13.9616
9	29	2026.7034	72.8667	-6.3228	-1.2125	-13.9629
9	30	2026.7062	72.8393	-21.312	-4.081	-13.9576
9	31	2026.7034	72.9361	-6.3228	-1.2125	-13.9686
9	32	2026.7062	72.9086	-21.312	-4.081	-13.9634
10	1	2026.6916	-145.0402	-2.3835	-0.4575	27.7947
10	2	2026.6951	-145.0809	-20.6767	-3.9534	27.8024
10	3	2026.6916	-145.1038	-2.3835	-0.4575	27.8146
10	4	2026.6951	-145.1445	-20.6767	-3.9534	27.8224
10	5	2026.6924	-145.0345	-6.4606	-1.2375	27.7936
10	6	2026.6959	-145.0752	-24.7538	-4.7334	27.8013
10	7	2026.6924	-145.0981	-6.4606	-1.2375	27.8135
10	8	2026.6959	-145.1388	-24.7538	-4.7334	27.8213
10	9	2026.6916	145.3177	-2.3836	-0.4575	-27.8555
10	10	2026.6951	145.277	-20.6768	-3.9534	-27.8477
10	11	2026.6916	145.2541	-2.3836	-0.4575	-27.8355
10	12	2026.6951	145.2134	-20.6768	-3.9534	-27.8278
10	13	2026.6924	145.3234	-6.4607	-1.2375	-27.8566
10	14	2026.6959	145.2827	-24.7539	-4.7334	-27.8488
10	15	2026.6924	145.2598	-6.4607	-1.2375	-27.8366
10	16	2026.6959	145.2191	-24.7539	-4.7334	-27.8289
10	17	2026.6916	-145.2191	-2.3779	-0.4564	27.8289
10	18	2026.6951	-145.2598	-20.671	-3.9523	27.8366
10	19	2026.6916	-145.2828	-2.3779	-0.4564	27.8488

10	20	2026.6951	-145.3235	-20.671	-3.9523	27.8566
10	21	2026.6924	-145.2134	-6.455	-1.2365	27.8278
10	22	2026.6959	-145.2541	-24.7481	-4.7323	27.8355
10	23	2026.6924	-145.277	-6.455	-1.2365	27.8477
10	24	2026.6959	-145.3177	-24.7481	-4.7323	27.8555
10	25	2026.6916	145.1388	-2.378	-0.4564	-27.8213
10	26	2026.6951	145.0981	-20.6711	-3.9523	-27.8135
10	27	2026.6916	145.0751	-2.378	-0.4564	-27.8013
10	28	2026.6951	145.0345	-20.6711	-3.9523	-27.7936
10	29	2026.6924	145.1445	-6.4551	-1.2365	-27.8224
10	30	2026.6959	145.1038	-24.7482	-4.7324	-27.8146
10	31	2026.6924	145.0809	-6.4551	-1.2365	-27.8024
10	32	2026.6959	145.0402	-24.7482	-4.7324	-27.7947
11	1	1999.7639	-192.1266	-4.2115	-0.935	42.6911
11	2	1999.7698	-192.1851	-30.7523	-6.7976	42.704
11	3	1999.7639	-192.3229	-4.2115	-0.935	42.743
11	4	1999.7698	-192.3814	-30.7523	-6.7976	42.7559
11	5	1999.7648	-192.1235	-8.102	-1.793	42.6904
11	6	1999.7706	-192.182	-34.6429	-7.6555	42.7033
11	7	1999.7648	-192.3198	-8.102	-1.793	42.7423
11	8	1999.7706	-192.3783	-34.6429	-7.6555	42.7552
11	9	1999.7639	192.4749	-4.2116	-0.935	-42.7765
11	10	1999.7698	192.4164	-30.7524	-6.7976	-42.7636
11	11	1999.7639	192.2786	-4.2116	-0.935	-42.7246
11	12	1999.7698	192.2201	-30.7524	-6.7976	-42.7117
11	13	1999.7648	192.4781	-8.1021	-1.793	-42.7772
11	14	1999.7706	192.4196	-34.643	-7.6555	-42.7643
11	15	1999.7648	192.2817	-8.1021	-1.793	-42.7253
11	16	1999.7706	192.2232	-34.643	-7.6555	-42.7124
11	17	1999.7639	-192.2232	-4.2061	-0.9338	42.7124
11	18	1999.7698	-192.2817	-30.7469	-6.7964	42.7253
11	19	1999.7639	-192.4196	-4.2061	-0.9338	42.7643
11	20	1999.7698	-192.4781	-30.7469	-6.7964	42.7772
11	21	1999.7648	-192.2201	-8.0967	-1.7918	42.7117
11	22	1999.7706	-192.2786	-34.6375	-7.6543	42.7246
11	23	1999.7648	-192.4164	-8.0967	-1.7918	42.7636
11	24	1999.7706	-192.475	-34.6375	-7.6543	42.7765
11	25	1999.7639	192.3783	-4.2062	-0.9338	-42.7552
11	26	1999.7698	192.3198	-30.747	-6.7964	-42.7423
11	27	1999.7639	192.182	-4.2062	-0.9338	-42.7033
11	28	1999.7698	192.1235	-30.747	-6.7964	-42.6904
11	29	1999.7648	192.3814	-8.0967	-1.7918	-42.7559
11	30	1999.7706	192.3229	-34.6376	-7.6543	-42.743
11	31	1999.7648	192.1851	-8.0967	-1.7918	-42.704
11	32	1999.7706	192.1266	-34.6376	-7.6543	-42.6911
12	1	2032.4647	-299.1632	-4.5825	-0.8534	55.7365
12	2	2032.4695	-299.274	-30.2722	-5.6259	55.7571
12	3	2032.4647	-299.6293	-4.5825	-0.8534	55.8308
12	4	2032.4695	-299.7401	-30.2722	-5.6259	55.8513
12	5	2032.4651	-299.161	-7.0055	-1.3041	55.7361
12	6	2032.4699	-299.2717	-32.6951	-6.0766	55.7567
12	7	2032.4651	-299.6271	-7.0055	-1.3041	55.8303
12	8	2032.4699	-299.7379	-32.6951	-6.0766	55.8509
12	9	2032.4647	299.8065	-4.5826	-0.8534	-55.8637
12	10	2032.4695	299.6958	-30.2722	-5.6259	-55.8431
12	11	2032.4647	299.3404	-4.5826	-0.8534	-55.7695
12	12	2032.4695	299.2296	-30.2722	-5.6259	-55.7489
12	13	2032.4651	299.8087	-7.0056	-1.3041	-55.8641
12	14	2032.4699	299.698	-32.6952	-6.0766	-55.8435
12	15	2032.4651	299.3426	-7.0056	-1.3041	-55.7699
12	16	2032.4699	299.2318	-32.6952	-6.0766	-55.7493
12	17	2032.4647	-299.2318	-4.5792	-0.8528	55.7493
12	18	2032.4695	-299.3426	-30.2688	-5.6253	55.7699
12	19	2032.4647	-299.698	-4.5792	-0.8528	55.8435
12	20	2032.4695	-299.8087	-30.2688	-5.6253	55.8641
12	21	2032.4651	-299.2296	-7.0022	-1.3035	55.7489
12	22	2032.4699	-299.3404	-32.6918	-6.076	55.7695
12	23	2032.4651	-299.6958	-7.0022	-1.3035	55.8431
12	24	2032.4699	-299.8065	-32.6918	-6.076	55.8637
12	25	2032.4647	299.7379	-4.5792	-0.8528	-55.8509

12	26	2032.4695	299.6271	-30.2689	-5.6253	-55.8303
12	27	2032.4647	299.2717	-4.5792	-0.8528	-55.7567
12	28	2032.4695	299.161	-30.2689	-5.6253	-55.7361
12	29	2032.4651	299.7401	-7.0022	-1.3035	-55.8513
12	30	2032.4699	299.6293	-32.6918	-6.076	-55.8308
12	31	2032.4651	299.274	-7.0022	-1.3035	-55.7571
12	32	2032.4699	299.1632	-32.6918	-6.076	-55.7365
13	1	2017.0823	-348.6699	-6.5113	-1.3125	70.5461
13	2	2017.0892	-348.8392	-40.4775	-8.1377	70.5801
13	3	2017.0823	-349.4379	-6.5113	-1.3125	70.7082
13	4	2017.0892	-349.6072	-40.4775	-8.1377	70.7422
13	5	2017.0827	-348.6686	-8.4829	-1.7078	70.5458
13	6	2017.0896	-348.8378	-42.449	-8.5329	70.5798
13	7	2017.0827	-349.4366	-8.4829	-1.7078	70.7079
13	8	2017.0896	-349.6058	-42.449	-8.5329	70.7419
13	9	2017.0823	349.6464	-6.5113	-1.3125	-70.75
13	10	2017.0892	349.4772	-40.4775	-8.1377	-70.7161
13	11	2017.0823	348.8784	-6.5113	-1.3125	-70.588
13	12	2017.0892	348.7092	-40.4775	-8.1377	-70.554
13	13	2017.0827	349.6477	-8.4829	-1.7078	-70.7503
13	14	2017.0896	349.4785	-42.4491	-8.533	-70.7163
13	15	2017.0827	348.8797	-8.4829	-1.7078	-70.5882
13	16	2017.0896	348.7105	-42.4491	-8.533	-70.5542
13	17	2017.0823	-348.7105	-6.5086	-1.312	70.5542
13	18	2017.0892	-348.8797	-40.4747	-8.1371	70.5882
13	19	2017.0823	-349.4785	-6.5086	-1.312	70.7163
13	20	2017.0892	-349.6477	-40.4747	-8.1371	70.7503
13	21	2017.0827	-348.7092	-8.4801	-1.7073	70.554
13	22	2017.0896	-348.8784	-42.4463	-8.5324	70.588
13	23	2017.0827	-349.4772	-8.4801	-1.7073	70.7161
13	24	2017.0896	-349.6464	-42.4463	-8.5324	70.75
13	25	2017.0823	349.6058	-6.5086	-1.312	-70.7419
13	26	2017.0892	349.4366	-40.4748	-8.1371	-70.7079
13	27	2017.0823	348.8378	-6.5086	-1.312	-70.5798
13	28	2017.0892	348.6686	-40.4748	-8.1371	-70.5458
13	29	2017.0827	349.6072	-8.4802	-1.7073	-70.7422
13	30	2017.0896	349.4379	-42.4464	-8.5324	-70.7082
13	31	2017.0827	348.8392	-8.4802	-1.7073	-70.5801
13	32	2017.0896	348.6699	-42.4464	-8.5324	-70.5461
14	1	2005.5266	-389.3583	-8.8463	-1.8919	83.8423
14	2	2005.5359	-389.6125	-52.7174	-11.2621	83.8967
14	3	2005.5266	-390.5678	-8.8463	-1.8919	84.1095
14	4	2005.5359	-390.822	-52.7174	-11.2621	84.1639
14	5	2005.5269	-389.3575	-10.2799	-2.1985	83.8421
14	6	2005.5362	-389.6117	-54.1509	-11.5687	83.8965
14	7	2005.5269	-390.567	-10.2799	-2.1985	84.1093
14	8	2005.5362	-390.8212	-54.1509	-11.5687	84.1637
14	9	2005.5266	390.8458	-8.8464	-1.8919	-84.169
14	10	2005.5359	390.5917	-52.7174	-11.2621	-84.1146
14	11	2005.5266	389.6364	-8.8464	-1.8919	-83.9018
14	12	2005.5359	389.3822	-52.7174	-11.2621	-83.8474
14	13	2005.5269	390.8466	-10.2799	-2.1985	-84.1691
14	14	2005.5362	390.5925	-54.1509	-11.5687	-84.1147
14	15	2005.5269	389.6372	-10.2799	-2.1985	-83.902
14	16	2005.5362	389.383	-54.1509	-11.5687	-83.8476
14	17	2005.5266	-389.383	-8.8444	-1.8915	83.8476
14	18	2005.5359	-389.6372	-52.7154	-11.2616	83.902
14	19	2005.5266	-390.5925	-8.8444	-1.8915	84.1147
14	20	2005.5359	-390.8466	-52.7154	-11.2616	84.1691
14	21	2005.5269	-389.3822	-10.2779	-2.1981	83.8474
14	22	2005.5362	-389.6364	-54.1489	-11.5683	83.9018
14	23	2005.5269	-390.5917	-10.2779	-2.1981	84.1146
14	24	2005.5362	-390.8458	-54.1489	-11.5683	84.169
14	25	2005.5266	390.8212	-8.8444	-1.8915	-84.1637
14	26	2005.5359	390.567	-52.7154	-11.2616	-84.1093
14	27	2005.5266	389.6117	-8.8444	-1.8915	-83.8965
14	28	2005.5359	389.3575	-52.7154	-11.2616	-83.8421
14	29	2005.5269	390.822	-10.2779	-2.1981	-84.1639
14	30	2005.5362	390.5678	-54.1489	-11.5683	-84.1095
14	31	2005.5269	389.6125	-10.2779	-2.1981	-83.8967

14	32	2005.5362	389.3583	-54.1489	-11.5683	-83.8423
15	1	1967.0552	-353.6474	-14.7243	-4.0084	96.8218
15	2	1967.0744	-353.7235	-85.4295	-23.2302	96.8794
15	3	1967.0552	-355.2415	-14.7243	-4.0084	97.2652
15	4	1967.0744	-355.3177	-85.4295	-23.2302	97.3228
15	5	1967.0555	-353.647	-15.7744	-4.293	96.8216
15	6	1967.0747	-353.7231	-86.4796	-23.5148	96.8792
15	7	1967.0555	-355.2411	-15.7744	-4.293	97.265
15	8	1967.0747	-355.3172	-86.4796	-23.5148	97.3226
15	9	1967.0552	355.3312	-14.7243	-4.0084	-97.3264
15	10	1967.0744	355.2551	-85.4295	-23.2302	-97.2688
15	11	1967.0552	353.7371	-14.7243	-4.0084	-96.883
15	12	1967.0744	353.661	-85.4295	-23.2302	-96.8254
15	13	1967.0555	355.3317	-15.7744	-4.293	-97.3266
15	14	1967.0747	355.2556	-86.4796	-23.5148	-97.269
15	15	1967.0555	353.7376	-15.7744	-4.293	-96.8832
15	16	1967.0747	353.6614	-86.4796	-23.5148	-96.8256
15	17	1967.0552	-353.6614	-14.7229	-4.008	96.8256
15	18	1967.0744	-353.7376	-85.428	-23.2298	96.8832
15	19	1967.0552	-355.2556	-14.7229	-4.008	97.269
15	20	1967.0744	-355.3317	-85.428	-23.2298	97.3266
15	21	1967.0555	-353.661	-15.7729	-4.2926	96.8254
15	22	1967.0747	-353.7371	-86.4781	-23.5144	96.883
15	23	1967.0555	-355.2551	-15.7729	-4.2926	97.2688
15	24	1967.0747	-355.3312	-86.4781	-23.5144	97.3264
15	25	1967.0552	355.3172	-14.7229	-4.008	-97.3226
15	26	1967.0744	355.2411	-85.428	-23.2298	-97.265
15	27	1967.0552	353.7231	-14.7229	-4.008	-96.8792
15	28	1967.0744	353.647	-85.428	-23.2298	-96.8216
15	29	1967.0555	355.3177	-15.773	-4.2926	-97.3228
15	30	1967.0747	355.2415	-86.4781	-23.5144	-97.2652
15	31	1967.0555	353.7235	-15.773	-4.2926	-96.8794
15	32	1967.0747	353.6474	-86.4781	-23.5144	-96.8218

- 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	1934.3238	36.8455	44.1253	15.5571	-15.3636
1	2	1934.3227	45.5841	47.1408	16.6243	-17.9434
1	3	1934.3238	36.9361	44.1252	15.557	-15.3803
1	4	1934.3227	45.6748	47.1406	16.6243	-17.9601
1	5	1934.3302	36.7144	25.8746	9.0974	-15.3176
1	6	1934.3292	45.453	28.89	10.1647	-17.8975
1	7	1934.3302	36.805	25.8744	9.0974	-15.3344
1	8	1934.3292	45.5436	28.8899	10.1647	-17.9142
1	9	1934.3238	-127.0892	44.1312	15.5591	42.9845
1	10	1934.3227	-118.3506	47.1466	16.6264	40.4046
1	11	1934.3238	-126.9986	44.131	15.5591	42.9677
1	12	1934.3227	-118.26	47.1465	16.6264	40.3879
1	13	1934.3302	-127.2203	25.8804	9.0995	43.0304
1	14	1934.3292	-118.4817	28.8959	10.1668	40.4506
1	15	1934.3302	-127.1297	25.8803	9.0995	43.0137
1	16	1934.3292	-118.3911	28.8957	10.1667	40.4338
1	17	1934.3239	118.3909	43.7314	15.4176	-40.4338
1	18	1934.3228	127.1296	46.7468	16.4849	-43.0136
1	19	1934.3239	118.4815	43.7313	15.4176	-40.4505
1	20	1934.3228	127.2202	46.7467	16.4849	-43.0304
1	21	1934.3304	118.2598	25.4807	8.958	-40.3878
1	22	1934.3293	126.9984	28.4961	10.0253	-42.9677
1	23	1934.3304	118.3504	25.4805	8.958	-40.4046
1	24	1934.3293	127.0891	28.4959	10.0252	-42.9844
1	25	1934.3239	-45.5438	43.7372	15.4197	17.9143
1	26	1934.3228	-36.8052	46.7527	16.487	15.3344
1	27	1934.3239	-45.4532	43.7371	15.4197	17.8975
1	28	1934.3228	-36.7145	46.7525	16.4869	15.3177

1	29	1934.3304	-45.6749	25.4865	8.9601	17.9602
1	30	1934.3293	-36.9363	28.5019	10.0274	15.3804
1	31	1934.3304	-45.5843	25.4864	8.96	17.9434
1	32	1934.3293	-36.8457	28.5018	10.0273	15.3636
2	1	1353.1396	-3953.853	78.4036	130.3384	777.5915
2	2	2657.9404	-3348.2582	-60.6805	-126.5467	785.2659
2	3	1353.1396	-3952.8793	78.4035	130.3384	777.3737
2	4	2657.9404	-3347.2845	-60.6806	-126.5467	785.0481
2	5	1352.9341	-3954.7055	59.7749	126.399	777.7698
2	6	2657.7349	-3349.1108	-79.3092	-130.4861	785.4441
2	7	1352.9341	-3953.7318	59.7747	126.399	777.5519
2	8	2657.7349	-3348.1371	-79.3094	-130.4862	785.2263
2	9	1353.1396	-4210.9231	78.4096	130.3397	832.9039
2	10	2657.9404	-3605.3283	-60.6745	-126.5454	840.5783
2	11	1353.1396	-4209.9494	78.4094	130.3397	832.686
2	12	2657.9404	-3604.3546	-60.6747	-126.5455	840.3604
2	13	1352.9341	-4211.7756	59.7808	126.4003	833.0821
2	14	2657.7349	-3606.1808	-79.3033	-130.4849	840.7565
2	15	1352.9341	-4210.8019	59.7807	126.4002	832.8643
2	16	2657.7349	-3605.2071	-79.3034	-130.4849	840.5387
2	17	1353.1388	3605.1908	78.0014	130.2527	-840.5352
2	18	2657.9396	4210.7855	-61.0827	-126.6324	-832.8608
2	19	1353.1388	3606.1645	78.0012	130.2527	-840.753
2	20	2657.9396	4211.7592	-61.0829	-126.6324	-833.0786
2	21	1352.9333	3604.3383	59.3726	126.3133	-840.3569
2	22	2657.7341	4209.933	-79.7115	-130.5718	-832.6825
2	23	1352.9333	3605.312	59.3725	126.3133	-840.5748
2	24	2657.7341	4210.9067	-79.7116	-130.5719	-832.9004
2	25	1353.1388	3348.1207	78.0073	130.254	-785.2228
2	26	2657.9396	3953.7155	-61.0768	-126.6311	-777.5484
2	27	1353.1388	3349.0944	78.0072	130.254	-785.4407
2	28	2657.9396	3954.6892	-61.0769	-126.6311	-777.7663
2	29	1352.9333	3347.2682	59.3786	126.3146	-785.0446
2	30	2657.7341	3952.863	-79.7055	-130.5706	-777.3702
2	31	1352.9333	3348.2419	59.3784	126.3145	-785.2624
2	32	2657.7341	3953.8367	-79.7057	-130.5706	-777.588
3	1	1829.9291	-230.2941	-9.74	-32.6291	26.7148
3	2	2180.9308	-13.9967	20.4778	34.8741	22.6128
3	3	1829.9291	-228.8157	-9.74	-32.6291	26.3996
3	4	2180.9308	-12.5183	20.4778	34.8741	22.2976
3	5	1830.0699	-229.6593	-27.0214	-36.2948	26.5801
3	6	2181.0716	-13.3618	3.1964	31.2084	22.478
3	7	1830.0699	-228.1809	-27.0214	-36.2948	26.2649
3	8	2181.0716	-11.8834	3.1964	31.2084	22.1629
3	9	1829.9291	-400.9126	-9.7401	-32.6291	63.4108
3	10	2180.9308	-184.6151	20.4777	34.8741	59.3088
3	11	1829.9291	-399.4342	-9.7401	-32.6291	63.0957
3	12	2180.9308	-183.1367	20.4777	34.8741	58.9936
3	13	1830.0699	-400.2777	-27.0215	-36.2948	63.2761
3	14	2181.0716	-183.9803	3.1963	31.2084	59.1741
3	15	1830.0699	-398.7993	-27.0215	-36.2948	62.961
3	16	2181.0716	-182.5019	3.1963	31.2084	58.8589
3	17	1829.9287	182.5184	-9.7328	-32.6276	-58.8625
3	18	2180.9304	398.8158	20.485	34.8756	-62.9645
3	19	1829.9287	183.9967	-9.7328	-32.6276	-59.1776
3	20	2180.9304	400.2942	20.485	34.8756	-63.2797
3	21	1830.0695	183.1532	-27.0143	-36.2933	-58.9972
3	22	2181.0712	399.4507	3.2036	31.2099	-63.0992
3	23	1830.0695	184.6316	-27.0143	-36.2933	-59.3123
3	24	2181.0712	400.929	3.2036	31.2099	-63.4144
3	25	1829.9287	11.8999	-9.7329	-32.6276	-22.1664
3	26	2180.9304	228.1974	20.4849	34.8756	-26.2685
3	27	1829.9287	13.3783	-9.7329	-32.6276	-22.4816
3	28	2180.9304	229.6757	20.4849	34.8756	-26.5836
3	29	1830.0695	12.5348	-27.0144	-36.2933	-22.3011
3	30	2181.0712	228.8322	3.2034	31.2099	-26.4032
3	31	1830.0695	14.0132	-27.0144	-36.2933	-22.6163
3	32	2181.0712	230.3106	3.2034	31.2099	-26.7183
4	1	2017.0682	76.8948	9.0306	1.8108	-15.6682
4	2	2017.0708	81.7732	-3.8116	-0.7653	-16.5504

4	3	2017.0682	78.5977	9.0306	1.8108	-16.0023
4	4	2017.0708	83.4761	-3.8116	-0.7653	-16.8844
4	5	2017.0709	77.0104	-4.3963	-0.8866	-15.6913
4	6	2017.0735	81.8888	-17.2385	-3.4627	-16.5735
4	7	2017.0709	78.7133	-4.3963	-0.8866	-16.0253
4	8	2017.0735	83.5917	-17.2385	-3.4627	-16.9075
4	9	2017.0682	-90.9933	9.0305	1.8107	18.2776
4	10	2017.0708	-86.1149	-3.8117	-0.7653	17.3955
4	11	2017.0682	-89.2904	9.0305	1.8107	17.9436
4	12	2017.0708	-84.412	-3.8117	-0.7653	17.0614
4	13	2017.0709	-90.8777	-4.3964	-0.8866	18.2545
4	14	2017.0735	-85.9993	-17.2386	-3.4627	17.3724
4	15	2017.0709	-89.1748	-4.3964	-0.8866	17.9205
4	16	2017.0735	-84.2964	-17.2386	-3.4627	17.0383
4	17	2017.0682	84.2966	9.0362	1.8119	-17.0384
4	18	2017.0708	89.175	-3.806	-0.7642	-17.9205
4	19	2017.0682	85.9995	9.0362	1.8119	-17.3724
4	20	2017.0708	90.8779	-3.806	-0.7642	-18.2546
4	21	2017.0709	84.4122	-4.3907	-0.8855	-17.0615
4	22	2017.0735	89.2906	-17.2329	-3.4615	-17.9436
4	23	2017.0709	86.1151	-4.3907	-0.8855	-17.3955
4	24	2017.0735	90.9935	-17.2329	-3.4615	-18.2777
4	25	2017.0682	-83.5915	9.0361	1.8119	16.9075
4	26	2017.0708	-78.7131	-3.8061	-0.7642	16.0253
4	27	2017.0682	-81.8886	9.0361	1.8119	16.5735
4	28	2017.0708	-77.0102	-3.8061	-0.7642	15.6913
4	29	2017.0709	-83.4759	-4.3908	-0.8855	16.8844
4	30	2017.0735	-78.5975	-17.233	-3.4616	16.0022
4	31	2017.0709	-81.773	-4.3908	-0.8855	16.5504
4	32	2017.0735	-76.8946	-17.233	-3.4616	15.6682
5	1	2032.4732	67.5081	8.8203	1.6366	-12.5825
5	2	2032.4764	67.3101	-8.1913	-1.5304	-12.5446
5	3	2032.4732	68.639	8.8203	1.6366	-12.7854
5	4	2032.4764	68.4409	-8.1913	-1.5304	-12.7475
5	5	2032.4751	67.5778	-1.3669	-0.2551	-12.5955
5	6	2032.4782	67.3797	-18.3784	-3.4221	-12.5576
5	7	2032.4751	68.7087	-1.3669	-0.2551	-12.7983
5	8	2032.4782	68.5106	-18.3784	-3.4221	-12.7604
5	9	2032.4732	-68.0609	8.8202	1.6366	12.6746
5	10	2032.4764	-68.259	-8.1913	-1.5304	12.7125
5	11	2032.4732	-66.93	8.8202	1.6366	12.4717
5	12	2032.4764	-67.1281	-8.1913	-1.5304	12.5096
5	13	2032.4751	-67.9913	-1.3669	-0.2551	12.6616
5	14	2032.4782	-68.1893	-18.3785	-3.4221	12.6995
5	15	2032.4751	-66.8604	-1.3669	-0.2551	12.4588
5	16	2032.4782	-67.0584	-18.3785	-3.4221	12.4967
5	17	2032.4732	67.0583	8.8245	1.6374	-12.4967
5	18	2032.4764	66.8603	-8.187	-1.5296	-12.4588
5	19	2032.4732	68.1892	8.8245	1.6374	-12.6995
5	20	2032.4764	67.9912	-8.187	-1.5296	-12.6616
5	21	2032.4751	67.128	-1.3626	-0.2543	-12.5096
5	22	2032.4782	66.93	-18.3742	-3.4213	-12.4717
5	23	2032.4751	68.2589	-1.3626	-0.2543	-12.7125
5	24	2032.4782	68.0608	-18.3742	-3.4213	-12.6746
5	25	2032.4732	-68.5107	8.8245	1.6373	12.7604
5	26	2032.4764	-68.7088	-8.1871	-1.5297	12.7983
5	27	2032.4732	-67.3798	8.8245	1.6373	12.5576
5	28	2032.4764	-67.5779	-8.1871	-1.5297	12.5955
5	29	2032.4751	-68.441	-1.3627	-0.2544	12.7475
5	30	2032.4782	-68.6391	-18.3742	-3.4214	12.7854
5	31	2032.4751	-67.3102	-1.3627	-0.2544	12.5446
5	32	2032.4782	-67.5082	-18.3742	-3.4214	12.5825
6	1	1999.7493	38.6194	12.324	2.717	-8.5733
6	2	1999.7557	38.462	-16.7088	-3.6878	-8.5385
6	3	1999.7493	39.2204	12.324	2.717	-8.6968
6	4	1999.7557	39.063	-16.7088	-3.6878	-8.6621
6	5	1999.7516	38.6559	1.7454	0.3808	-8.5813
6	6	1999.758	38.4985	-27.2875	-6.024	-8.5466
6	7	1999.7516	39.257	1.7454	0.3808	-8.7049
6	8	1999.758	39.0995	-27.2875	-6.024	-8.6701

6	9	1999.7493	-38.7634	12.3239	2.717	8.5959
6	10	1999.7557	-38.9208	-16.7089	-3.6878	8.6307
6	11	1999.7493	-38.1624	12.3239	2.717	8.4724
6	12	1999.7557	-38.3198	-16.7089	-3.6878	8.5071
6	13	1999.7516	-38.7268	1.7453	0.3808	8.5879
6	14	1999.758	-38.8843	-27.2875	-6.024	8.6226
6	15	1999.7516	-38.1258	1.7453	0.3808	8.4643
6	16	1999.758	-38.2833	-27.2875	-6.024	8.4991
6	17	1999.7493	38.2832	12.3284	2.718	-8.4991
6	18	1999.7557	38.1258	-16.7045	-3.6868	-8.4643
6	19	1999.7493	38.8842	12.3284	2.718	-8.6226
6	20	1999.7557	38.7268	-16.7045	-3.6868	-8.5878
6	21	1999.7516	38.3198	1.7498	0.3818	-8.5071
6	22	1999.758	38.1623	-27.2831	-6.023	-8.4724
6	23	1999.7516	38.9208	1.7498	0.3818	-8.6307
6	24	1999.758	38.7633	-27.2831	-6.023	-8.5959
6	25	1999.7493	-39.0996	12.3283	2.718	8.6701
6	26	1999.7557	-39.257	-16.7045	-3.6868	8.7049
6	27	1999.7493	-38.4986	12.3283	2.718	8.5466
6	28	1999.7557	-38.656	-16.7045	-3.6868	8.5813
6	29	1999.7516	-39.063	1.7497	0.3818	8.6621
6	30	1999.758	-39.2205	-27.2831	-6.023	8.6968
6	31	1999.7516	-38.462	1.7497	0.3818	8.5385
6	32	1999.758	-38.6195	-27.2831	-6.023	8.5733
7	1	2017.0785	20.9235	12.6246	2.5326	-4.2274
7	2	2017.0853	20.8151	-21.1552	-4.2573	-4.2057
7	3	2017.0785	21.3039	12.6246	2.5326	-4.2959
7	4	2017.0853	21.1956	-21.1552	-4.2573	-4.2742
7	5	2017.0801	20.9475	4.8047	0.9638	-4.2323
7	6	2017.0868	20.8392	-28.9751	-5.8261	-4.2105
7	7	2017.0801	21.3279	4.8047	0.9638	-4.3007
7	8	2017.0868	21.2196	-28.9751	-5.8261	-4.279
7	9	2017.0785	-20.9957	12.6246	2.5326	4.2341
7	10	2017.0853	-21.104	-21.1552	-4.2573	4.2558
7	11	2017.0785	-20.6153	12.6246	2.5326	4.1656
7	12	2017.0853	-20.7236	-21.1552	-4.2573	4.1873
7	13	2017.0801	-20.9716	4.8047	0.9638	4.2292
7	14	2017.0868	-21.08	-28.9751	-5.8261	4.251
7	15	2017.0801	-20.5912	4.8047	0.9638	4.1608
7	16	2017.0868	-20.6995	-28.9751	-5.8261	4.1825
7	17	2017.0785	20.6995	12.6278	2.5333	-4.1825
7	18	2017.0853	20.5912	-21.1519	-4.2566	-4.1608
7	19	2017.0785	21.0799	12.6278	2.5333	-4.251
7	20	2017.0853	20.9716	-21.1519	-4.2566	-4.2292
7	21	2017.0801	20.7235	4.808	0.9645	-4.1873
7	22	2017.0868	20.6152	-28.9718	-5.8255	-4.1656
7	23	2017.0801	21.104	4.808	0.9645	-4.2558
7	24	2017.0868	20.9956	-28.9718	-5.8255	-4.2341
7	25	2017.0785	-21.2196	12.6278	2.5333	4.279
7	26	2017.0853	-21.3279	-21.152	-4.2567	4.3008
7	27	2017.0785	-20.8392	12.6278	2.5333	4.2105
7	28	2017.0853	-20.9475	-21.152	-4.2567	4.2323
7	29	2017.0801	-21.1956	4.8079	0.9644	4.2742
7	30	2017.0868	-21.3039	-28.9719	-5.8255	4.2959
7	31	2017.0801	-20.8152	4.8079	0.9644	4.2057
7	32	2017.0868	-20.9235	-28.9719	-5.8255	4.2275
8	1	2020.9157	0.1004	14.3317	2.8176	-0.0146
8	2	2020.9239	0.0192	-27.4689	-5.4059	0.0014
8	3	2020.9157	0.3096	14.3317	2.8176	-0.0477
8	4	2020.9239	0.2284	-27.4689	-5.4059	-0.0318
8	5	2020.9169	0.1155	7.9996	1.5705	-0.0176
8	6	2020.9251	0.0343	-33.8011	-6.653	-0.0016
8	7	2020.9169	0.3246	7.9996	1.5705	-0.0507
8	8	2020.9251	0.2434	-33.8011	-6.653	-0.0347
8	9	2020.9157	-0.1033	14.3317	2.8176	0.0072
8	10	2020.9239	-0.1845	-27.469	-5.4059	0.0231
8	11	2020.9157	0.1059	14.3317	2.8176	-0.026
8	12	2020.9239	0.0247	-27.469	-5.4059	-0.01
8	13	2020.9169	-0.0883	7.9995	1.5705	0.0042
8	14	2020.9251	-0.1695	-33.8011	-6.653	0.0202

8	15	2020.9169	0.1209	7.9995	1.5705	-0.0289
8	16	2020.9251	0.0397	-33.8011	-6.653	-0.013
8	17	2020.9157	-0.0397	14.3344	2.8182	0.013
8	18	2020.9239	-0.1209	-27.4663	-5.4054	0.029
8	19	2020.9157	0.1695	14.3344	2.8182	-0.0202
8	20	2020.9239	0.0882	-27.4663	-5.4054	-0.0042
8	21	2020.9169	-0.0247	8.0022	1.571	0.01
8	22	2020.9251	-0.1059	-33.7984	-6.6525	0.026
8	23	2020.9169	0.1845	8.0022	1.571	-0.0231
8	24	2020.9251	0.1033	-33.7984	-6.6525	-0.0071
8	25	2020.9157	-0.2435	14.3343	2.8181	0.0347
8	26	2020.9239	-0.3247	-27.4663	-5.4054	0.0507
8	27	2020.9157	-0.0343	14.3343	2.8181	0.0016
8	28	2020.9239	-0.1155	-27.4663	-5.4054	0.0176
8	29	2020.9169	-0.2284	8.0022	1.571	0.0318
8	30	2020.9251	-0.3096	-33.7985	-6.6525	0.0478
8	31	2020.9169	-0.0192	8.0022	1.571	-0.0014
8	32	2020.9251	-0.1004	-33.7985	-6.6525	0.0146
9	1	2026.6991	-21.8585	16.1808	3.0922	4.1837
9	2	2026.7086	-21.95	-33.7831	-6.4694	4.2012
9	3	2026.6991	-21.7892	16.1808	3.0922	4.178
9	4	2026.7086	-21.8807	-33.7831	-6.4694	4.1954
9	5	2026.7	-21.8491	11.1601	2.1332	4.1819
9	6	2026.7096	-21.9406	-38.8039	-7.4284	4.1994
9	7	2026.7	-21.7798	11.1601	2.1332	4.1762
9	8	2026.7096	-21.8713	-38.8039	-7.4284	4.1936
9	9	2026.6991	21.9593	16.1808	3.0922	-4.2105
9	10	2026.7086	21.8678	-33.7832	-6.4694	-4.193
9	11	2026.6991	22.0286	16.1808	3.0922	-4.2162
9	12	2026.7086	21.9371	-33.7832	-6.4694	-4.1987
9	13	2026.7	21.9687	11.1601	2.1332	-4.2123
9	14	2026.7096	21.8772	-38.8039	-7.4284	-4.1948
9	15	2026.7	22.0381	11.1601	2.1332	-4.218
9	16	2026.7096	21.9466	-38.8039	-7.4284	-4.2005
9	17	2026.6991	-21.9466	16.1829	3.0926	4.2005
9	18	2026.7086	-22.0381	-33.7811	-6.469	4.218
9	19	2026.6991	-21.8772	16.1829	3.0926	4.1948
9	20	2026.7086	-21.9687	-33.7811	-6.469	4.2123
9	21	2026.7	-21.9371	11.1622	2.1336	4.1987
9	22	2026.7096	-22.0286	-38.8018	-7.428	4.2162
9	23	2026.7	-21.8678	11.1622	2.1336	4.193
9	24	2026.7096	-21.9593	-38.8018	-7.428	4.2105
9	25	2026.6991	21.8712	16.1829	3.0926	-4.1936
9	26	2026.7086	21.7797	-33.7811	-6.469	-4.1762
9	27	2026.6991	21.9406	16.1829	3.0926	-4.1994
9	28	2026.7086	21.8491	-33.7811	-6.469	-4.1819
9	29	2026.7	21.8807	11.1622	2.1336	-4.1954
9	30	2026.7096	21.7892	-38.8018	-7.428	-4.178
9	31	2026.7	21.95	11.1622	2.1336	-4.2012
9	32	2026.7096	21.8585	-38.8018	-7.428	-4.1837
10	1	2026.6875	-43.4301	18.9604	3.6214	8.32
10	2	2026.6992	-43.5657	-42.0168	-8.0315	8.3459
10	3	2026.6875	-43.4937	18.9604	3.6214	8.34
10	4	2026.6992	-43.6294	-42.0168	-8.0315	8.3659
10	5	2026.6883	-43.4243	14.8833	2.8414	8.3189
10	6	2026.7	-43.56	-46.0938	-8.8116	8.3448
10	7	2026.6883	-43.488	14.8833	2.8414	8.3389
10	8	2026.7	-43.6236	-46.0938	-8.8116	8.3648
10	9	2026.6875	43.6773	18.9604	3.6214	-8.3751
10	10	2026.6992	43.5416	-42.0168	-8.0316	-8.3491
10	11	2026.6875	43.6136	18.9604	3.6214	-8.3551
10	12	2026.6992	43.478	-42.0168	-8.0316	-8.3292
10	13	2026.6883	43.683	14.8833	2.8414	-8.3762
10	14	2026.7	43.5474	-46.0939	-8.8116	-8.3502
10	15	2026.6883	43.6194	14.8833	2.8414	-8.3562
10	16	2026.7	43.4838	-46.0939	-8.8116	-8.3303
10	17	2026.6875	-43.4838	18.9621	3.6217	8.3303
10	18	2026.6992	-43.6194	-42.0151	-8.0312	8.3562
10	19	2026.6875	-43.5474	18.9621	3.6217	8.3502
10	20	2026.6992	-43.683	-42.0151	-8.0312	8.3762

10	21	2026.6883	-43.478	14.885	2.8417	8.3292
10	22	2026.7	-43.6137	-46.0921	-8.8112	8.3551
10	23	2026.6883	-43.5416	14.885	2.8417	8.3491
10	24	2026.7	-43.6773	-46.0921	-8.8112	8.3751
10	25	2026.6875	43.6236	18.9621	3.6217	-8.3648
10	26	2026.6992	43.488	-42.0151	-8.0312	-8.3389
10	27	2026.6875	43.56	18.9621	3.6217	-8.3448
10	28	2026.6992	43.4243	-42.0151	-8.0312	-8.3189
10	29	2026.6883	43.6294	14.885	2.8417	-8.3659
10	30	2026.7	43.4937	-46.0922	-8.8113	-8.34
10	31	2026.6883	43.5657	14.885	2.8417	-8.3459
10	32	2026.7	43.4301	-46.0922	-8.8113	-8.32
11	1	1999.7571	-57.4816	26.7547	5.905	12.7698
11	2	1999.7766	-57.6766	-61.7148	-13.6368	12.8128
11	3	1999.7571	-57.678	26.7547	5.905	12.8218
11	4	1999.7766	-57.873	-61.7148	-13.6368	12.8648
11	5	1999.7579	-57.4785	22.8641	5.0471	12.7691
11	6	1999.7775	-57.6735	-65.6053	-14.4947	12.8121
11	7	1999.7579	-57.6748	22.8641	5.0471	12.8211
11	8	1999.7775	-57.8699	-65.6053	-14.4947	12.8641
11	9	1999.7571	57.8988	26.7547	5.905	-12.8705
11	10	1999.7766	57.7038	-61.7148	-13.6368	-12.8275
11	11	1999.7571	57.7025	26.7547	5.905	-12.8185
11	12	1999.7766	57.5075	-61.7148	-13.6368	-12.7755
11	13	1999.7579	57.902	22.8641	5.0471	-12.8712
11	14	1999.7775	57.7069	-65.6054	-14.4947	-12.8282
11	15	1999.7579	57.7056	22.8641	5.0471	-12.8192
11	16	1999.7775	57.5106	-65.6054	-14.4947	-12.7762
11	17	1999.7571	-57.5106	26.7563	5.9054	12.7762
11	18	1999.7766	-57.7056	-61.7132	-13.6364	12.8192
11	19	1999.7571	-57.707	26.7563	5.9054	12.8282
11	20	1999.7766	-57.902	-61.7132	-13.6364	12.8712
11	21	1999.7579	-57.5075	22.8657	5.0475	12.7755
11	22	1999.7775	-57.7025	-65.6037	-14.4944	12.8185
11	23	1999.7579	-57.7038	22.8657	5.0475	12.8275
11	24	1999.7775	-57.8989	-65.6037	-14.4944	12.8705
11	25	1999.7571	57.8699	26.7563	5.9054	-12.8641
11	26	1999.7766	57.6748	-61.7132	-13.6364	-12.8211
11	27	1999.7571	57.6735	26.7563	5.9054	-12.8121
11	28	1999.7766	57.4785	-61.7132	-13.6364	-12.7691
11	29	1999.7579	57.873	22.8657	5.0474	-12.8648
11	30	1999.7775	57.678	-65.6038	-14.4944	-12.8218
11	31	1999.7579	57.6766	22.8657	5.0474	-12.8128
11	32	1999.7775	57.4816	-65.6038	-14.4944	-12.7698
12	1	2032.4591	-89.4186	25.3898	4.7148	16.6569
12	2	2032.475	-89.7878	-60.2422	-11.1937	16.7255
12	3	2032.4591	-89.8847	25.3898	4.7148	16.7511
12	4	2032.475	-90.2539	-60.2422	-11.1937	16.8197
12	5	2032.4596	-89.4164	22.9669	4.2641	16.6565
12	6	2032.4755	-89.7856	-62.6652	-11.6444	16.7251
12	7	2032.4596	-89.8825	22.9669	4.2641	16.7507
12	8	2032.4755	-90.2517	-62.6652	-11.6444	16.8193
12	9	2032.4591	90.2723	25.3898	4.7148	-16.8232
12	10	2032.475	89.9031	-60.2422	-11.1937	-16.7545
12	11	2032.4591	89.8062	25.3898	4.7148	-16.7289
12	12	2032.475	89.437	-60.2422	-11.1937	-16.6603
12	13	2032.4596	90.2745	22.9669	4.2641	-16.8236
12	14	2032.4755	89.9053	-62.6652	-11.6444	-16.755
12	15	2032.4596	89.8084	22.9669	4.2641	-16.7294
12	16	2032.4755	89.4392	-62.6652	-11.6444	-16.6607
12	17	2032.4591	-89.4392	25.3909	4.715	16.6607
12	18	2032.475	-89.8084	-60.2412	-11.1935	16.7294
12	19	2032.4591	-89.9053	25.3909	4.715	16.755
12	20	2032.475	-90.2745	-60.2412	-11.1935	16.8236
12	21	2032.4596	-89.437	22.9679	4.2643	16.6603
12	22	2032.4755	-89.8062	-62.6642	-11.6442	16.7289
12	23	2032.4596	-89.9031	22.9679	4.2643	16.7545
12	24	2032.4755	-90.2723	-62.6642	-11.6442	16.8232
12	25	2032.4591	90.2517	25.3908	4.715	-16.8193
12	26	2032.475	89.8825	-60.2412	-11.1935	-16.7507

12	27	2032.4591	89.7856	25.3908	4.715	-16.7251
12	28	2032.475	89.4164	-60.2412	-11.1935	-16.6565
12	29	2032.4596	90.2539	22.9679	4.2643	-16.8197
12	30	2032.4755	89.8847	-62.6642	-11.6442	-16.7511
12	31	2032.4596	89.7878	22.9679	4.2643	-16.7255
12	32	2032.4755	89.4186	-62.6642	-11.6442	-16.6569
13	1	2017.0744	-104.076	33.1168	6.6503	21.0557
13	2	2017.0971	-104.6401	-80.1037	-16.1002	21.1689
13	3	2017.0744	-104.844	33.1168	6.6503	21.2177
13	4	2017.0971	-105.4081	-80.1037	-16.1002	21.331
13	5	2017.0748	-104.0747	31.1453	6.255	21.0554
13	6	2017.0975	-104.6388	-82.0753	-16.4954	21.1687
13	7	2017.0748	-104.8427	31.1453	6.255	21.2175
13	8	2017.0975	-105.4068	-82.0753	-16.4954	21.3307
13	9	2017.0744	105.4189	33.1168	6.6503	-21.3332
13	10	2017.0971	104.8548	-80.1037	-16.1002	-21.2199
13	11	2017.0744	104.6509	33.1168	6.6503	-21.1711
13	12	2017.0971	104.0868	-80.1037	-16.1002	-21.0578
13	13	2017.0748	105.4202	31.1452	6.255	-21.3334
13	14	2017.0975	104.8561	-82.0753	-16.4954	-21.2202
13	15	2017.0748	104.6522	31.1452	6.255	-21.1714
13	16	2017.0975	104.0881	-82.0753	-16.4954	-21.0581
13	17	2017.0744	-104.0881	33.1177	6.6505	21.0581
13	18	2017.0971	-104.6522	-80.1029	-16.1	21.1714
13	19	2017.0744	-104.8561	33.1177	6.6505	21.2202
13	20	2017.0971	-105.4202	-80.1029	-16.1	21.3334
13	21	2017.0748	-104.0868	31.1461	6.2552	21.0578
13	22	2017.0975	-104.6509	-82.0745	-16.4953	21.1711
13	23	2017.0748	-104.8548	31.1461	6.2552	21.2199
13	24	2017.0975	-105.4189	-82.0745	-16.4953	21.3332
13	25	2017.0744	105.4068	33.1177	6.6505	-21.3307
13	26	2017.0971	104.8427	-80.1029	-16.1	-21.2175
13	27	2017.0744	104.6388	33.1177	6.6505	-21.1687
13	28	2017.0971	104.0747	-80.1029	-16.1	-21.0554
13	29	2017.0748	105.4081	31.1461	6.2552	-21.331
13	30	2017.0975	104.844	-82.0745	-16.4953	-21.2177
13	31	2017.0748	104.6401	31.1461	6.2552	-21.1689
13	32	2017.0975	104.076	-82.0745	-16.4953	-21.0557
14	1	2005.5156	-115.999	42.3372	9.0402	24.9767
14	2	2005.5469	-116.8462	-103.8995	-22.1938	25.1581
14	3	2005.5156	-117.2084	42.3372	9.0402	25.2439
14	4	2005.5469	-118.0557	-103.8995	-22.1938	25.4252
14	5	2005.5159	-115.9982	40.9037	8.7335	24.9766
14	6	2005.5472	-116.8454	-105.333	-22.5005	25.1579
14	7	2005.5159	-117.2077	40.9037	8.7335	25.2437
14	8	2005.5472	-118.0549	-105.333	-22.5005	25.4251
14	9	2005.5156	118.0623	42.3372	9.0402	-25.4266
14	10	2005.5469	117.2151	-103.8995	-22.1938	-25.2453
14	11	2005.5156	116.8528	42.3372	9.0402	-25.1595
14	12	2005.5469	116.0056	-103.8995	-22.1938	-24.9781
14	13	2005.5159	118.0631	40.9037	8.7335	-25.4268
14	14	2005.5472	117.2159	-105.3331	-22.5005	-25.2455
14	15	2005.5159	116.8536	40.9037	8.7335	-25.1597
14	16	2005.5472	116.0064	-105.3331	-22.5005	-24.9783
14	17	2005.5156	-116.0064	42.3378	9.0403	24.9783
14	18	2005.5469	-116.8536	-103.8989	-22.1937	25.1597
14	19	2005.5156	-117.2159	42.3378	9.0403	25.2455
14	20	2005.5469	-118.0631	-103.8989	-22.1937	25.4268
14	21	2005.5159	-116.0056	40.9043	8.7336	24.9781
14	22	2005.5472	-116.8528	-105.3324	-22.5003	25.1595
14	23	2005.5159	-117.2151	40.9043	8.7336	25.2453
14	24	2005.5472	-118.0623	-105.3324	-22.5003	25.4266
14	25	2005.5156	118.0549	42.3378	9.0403	-25.4251
14	26	2005.5469	117.2077	-103.8989	-22.1937	-25.2437
14	27	2005.5156	116.8454	42.3378	9.0403	-25.1579
14	28	2005.5469	115.9982	-103.8989	-22.1937	-24.9766
14	29	2005.5159	118.0557	40.9043	8.7336	-25.4252
14	30	2005.5472	117.2084	-105.3325	-22.5003	-25.2439
14	31	2005.5159	116.8462	40.9043	8.7336	-25.1581
14	32	2005.5472	115.999	-105.3325	-22.5003	-24.9767

15	1	1967.0327	-105.421	67.7655	18.4171	28.804
15	2	1967.0968	-105.6747	-167.9183	-45.6555	28.996
15	3	1967.0327	-107.0151	67.7655	18.4171	29.2474
15	4	1967.0968	-107.2689	-167.9183	-45.6555	29.4394
15	5	1967.033	-105.4205	66.7155	18.1325	28.8039
15	6	1967.0971	-105.6743	-168.9684	-45.9401	28.9959
15	7	1967.033	-107.0147	66.7155	18.1325	29.2473
15	8	1967.0971	-107.2684	-168.9684	-45.9401	29.4393
15	9	1967.0327	107.2726	67.7655	18.4171	-29.4405
15	10	1967.0968	107.0189	-167.9183	-45.6555	-29.2484
15	11	1967.0327	105.6785	67.7655	18.4171	-28.997
15	12	1967.0968	105.4247	-167.9183	-45.6555	-28.805
15	13	1967.033	107.2731	66.7155	18.1325	-29.4406
15	14	1967.0971	107.0193	-168.9684	-45.9401	-29.2486
15	15	1967.033	105.6789	66.7155	18.1325	-28.9972
15	16	1967.0971	105.4252	-168.9684	-45.9401	-28.8052
15	17	1967.0327	-105.4252	67.766	18.4172	28.8052
15	18	1967.0968	-105.6789	-167.9179	-45.6553	28.9972
15	19	1967.0327	-107.0193	67.766	18.4172	29.2486
15	20	1967.0968	-107.2731	-167.9179	-45.6553	29.4406
15	21	1967.033	-105.4247	66.7159	18.1326	28.805
15	22	1967.0971	-105.6785	-168.968	-45.94	28.997
15	23	1967.033	-107.0189	66.7159	18.1326	29.2484
15	24	1967.0971	-107.2726	-168.968	-45.94	29.4405
15	25	1967.0327	107.2684	67.766	18.4172	-29.4393
15	26	1967.0968	107.0147	-167.9179	-45.6553	-29.2473
15	27	1967.0327	105.6743	67.766	18.4172	-28.9959
15	28	1967.0968	105.4205	-167.9179	-45.6553	-28.8039
15	29	1967.033	107.2689	66.7159	18.1326	-29.4394
15	30	1967.0971	107.0151	-168.968	-45.94	-29.2474
15	31	1967.033	105.6747	66.7159	18.1326	-28.996
15	32	1967.0971	105.421	-168.968	-45.94	-28.804

- 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	1934.3228	14.1027	46.96	16.5604	-5.7541
1	2	1934.3227	15.0282	47.2793	16.6734	-6.0273
1	3	1934.3228	-43.7662	46.9621	16.5611	14.8428
1	4	1934.3227	-42.8408	47.2814	16.6741	14.5696
1	5	1934.3228	42.8883	46.8209	16.5111	-14.6039
1	6	1934.3227	43.8137	47.1403	16.6242	-14.8771
1	7	1934.3228	-14.9807	46.823	16.5119	5.993
1	8	1934.3227	-14.0553	47.1423	16.6249	5.7198
1	9	1934.3228	14.2094	46.9598	16.5603	-5.7738
1	10	1934.3227	15.1348	47.2792	16.6733	-6.047
1	11	1934.3228	-43.6596	46.9619	16.561	14.8231
1	12	1934.3227	-42.7342	47.2812	16.6741	14.5499
1	13	1934.3228	42.9949	46.8208	16.5111	-14.6236
1	14	1934.3227	43.9203	47.1401	16.6241	-14.8968
1	15	1934.3228	-14.874	46.8228	16.5118	5.9733
1	16	1934.3227	-13.9486	47.1422	16.6248	5.7001
1	17	1934.3304	13.9485	25.4849	8.9595	-5.7
1	18	1934.3303	14.8739	25.8043	9.0726	-5.9732
1	19	1934.3304	-43.9205	25.487	8.9603	14.8968
1	20	1934.3303	-42.9951	25.8063	9.0733	14.6236
1	21	1934.3304	42.734	25.3459	8.9103	-14.5498
1	22	1934.3303	43.6594	25.6652	9.0233	-14.823
1	23	1934.3304	-15.135	25.348	8.9111	6.047
1	24	1934.3303	-14.2095	25.6673	9.0241	5.7738
1	25	1934.3304	14.0551	25.4848	8.9595	-5.7197
1	26	1934.3303	14.9805	25.8041	9.0725	-5.993
1	27	1934.3304	-43.8139	25.4868	8.9602	14.8771
1	28	1934.3303	-42.8884	25.8062	9.0732	14.6039
1	29	1934.3304	42.8406	25.3457	8.9103	-14.5695

1	30	1934.3303	43.7661	25.6651	9.0233	-14.8427
1	31	1934.3304	-15.0283	25.3478	8.911	6.0273
1	32	1934.3303	-14.1029	25.6671	9.024	5.7541
2	1	1936.4687	-1320.9441	17.7434	15.8186	275.4554
2	2	2074.6471	-1256.8116	3.0144	-11.3855	276.2681
2	3	1936.4687	-1411.6898	17.7455	15.8191	294.9807
2	4	2074.6471	-1347.5573	3.0165	-11.3851	295.7934
2	5	1936.4684	1347.3984	17.6014	15.7884	-295.7433
2	6	2074.6468	1411.5309	2.8724	-11.4158	-294.9306
2	7	1936.4684	1256.6527	17.6035	15.7888	-276.218
2	8	2074.6468	1320.7851	2.8745	-11.4153	-275.4053
2	9	1936.4687	-1319.7983	17.7432	15.8186	275.1991
2	10	2074.6471	-1255.6659	3.0142	-11.3856	276.0118
2	11	1936.4687	-1410.5441	17.7454	15.819	294.7244
2	12	2074.6471	-1346.4116	3.0163	-11.3851	295.5371
2	13	1936.4684	1348.5441	17.6013	15.7883	-295.9996
2	14	2074.6468	1412.6766	2.8722	-11.4158	-295.1869
2	15	1936.4684	1257.7984	17.6034	15.7888	-276.4744
2	16	2074.6468	1321.9309	2.8744	-11.4154	-275.6617
2	17	1936.2269	-1321.9472	-4.1764	11.1832	275.6651
2	18	2074.4053	-1257.8147	-18.9054	-16.0209	276.4779
2	19	1936.2269	-1412.6929	-4.1743	11.1836	295.1904
2	20	2074.4053	-1348.5604	-18.9033	-16.0205	296.0031
2	21	1936.2266	1346.3953	-4.3184	11.1529	-295.5336
2	22	2074.405	1410.5277	-19.0474	-16.0512	-294.7209
2	23	1936.2266	1255.6495	-4.3163	11.1534	-276.0083
2	24	2074.405	1319.782	-19.0453	-16.0507	-275.1956
2	25	1936.2269	-1320.8015	-4.1766	11.1832	275.4088
2	26	2074.4053	-1256.669	-18.9056	-16.021	276.2215
2	27	1936.2269	-1411.5472	-4.1745	11.1836	294.9341
2	28	2074.4053	-1347.4147	-18.9035	-16.0205	295.7468
2	29	1936.2266	1347.541	-4.3186	11.1529	-295.7899
2	30	2074.405	1411.6735	-19.0476	-16.0512	-294.9772
2	31	1936.2266	1256.7952	-4.3165	11.1534	-276.2646
2	32	2074.405	1320.9277	-19.0455	-16.0508	-275.4519
3	1	1986.8318	-55.4352	5.2977	-2.1275	9.1076
3	2	2024.0029	-32.5293	8.4978	5.0211	8.6732
3	3	1986.8319	-115.6635	5.2977	-2.1275	22.0613
3	4	2024.0029	-92.7576	8.4977	5.0211	21.6269
3	5	1986.8317	90.2876	5.3002	-2.127	-21.1011
3	6	2024.0028	113.1935	8.5003	5.0216	-21.5355
3	7	1986.8317	30.0593	5.3002	-2.127	-8.1474
3	8	2024.0028	52.9652	8.5002	5.0216	-8.5818
3	9	1986.8318	-53.6957	5.2977	-2.1275	8.7368
3	10	2024.0029	-30.7898	8.4978	5.0211	8.3024
3	11	1986.8319	-113.924	5.2977	-2.1275	21.6905
3	12	2024.0029	-91.0181	8.4977	5.0211	21.2561
3	13	1986.8317	92.0271	5.3002	-2.127	-21.472
3	14	2024.0028	114.933	8.5003	5.0216	-21.9064
3	15	1986.8317	31.7988	5.3002	-2.127	-8.5182
3	16	2024.0028	54.7047	8.5003	5.0216	-8.9527
3	17	1986.9975	-54.6882	-15.0368	-6.4408	8.9491
3	18	2024.1686	-31.7823	-11.8367	0.7078	8.5147
3	19	1986.9975	-114.9165	-15.0368	-6.4408	21.9028
3	20	2024.1686	-92.0106	-11.8368	0.7078	21.4684
3	21	1986.9974	91.0346	-15.0343	-6.4403	-21.2597
3	22	2024.1685	113.9405	-11.8342	0.7083	-21.6941
3	23	1986.9974	30.8063	-15.0343	-6.4403	-8.306
3	24	2024.1685	53.7122	-11.8342	0.7083	-8.7404
3	25	1986.9975	-52.9487	-15.0368	-6.4408	8.5783
3	26	2024.1686	-30.0428	-11.8367	0.7078	8.1439
3	27	1986.9975	-113.177	-15.0368	-6.4408	21.532
3	28	2024.1686	-90.2711	-11.8368	0.7078	21.0976
3	29	1986.9974	92.7741	-15.0343	-6.4403	-21.6305
3	30	2024.1685	115.68	-11.8342	0.7083	-22.0649
3	31	1986.9974	32.5458	-15.0343	-6.4403	-8.6768
3	32	2024.1685	55.4517	-11.8342	0.7083	-9.1112
4	1	2017.0691	26.9977	4.4773	0.8978	-5.4928
4	2	2017.0694	27.5144	3.1173	0.625	-5.5862
4	3	2017.0691	-32.2668	4.4773	0.8978	6.4901

4	4	2017.0694	-31.7501	3.1173	0.625	6.3967
4	5	2017.0691	29.6106	4.4793	0.8982	-5.9765
4	6	2017.0694	30.1272	3.1193	0.6254	-6.0699
4	7	2017.0691	-29.6539	4.4792	0.8981	6.0064
4	8	2017.0694	-29.1373	3.1193	0.6253	5.913
4	9	2017.0691	29.0014	4.4773	0.8978	-5.8859
4	10	2017.0694	29.5181	3.1173	0.625	-5.9793
4	11	2017.0691	-30.2631	4.4773	0.8978	6.097
4	12	2017.0694	-29.7464	3.1173	0.625	6.0036
4	13	2017.0691	31.6143	4.4793	0.8982	-6.3695
4	14	2017.0694	32.1309	3.1193	0.6254	-6.4629
4	15	2017.0691	-27.6502	4.4792	0.8981	5.6134
4	16	2017.0694	-27.1336	3.1193	0.6253	5.5199
4	17	2017.0723	27.1338	-11.3216	-2.2761	-5.52
4	18	2017.0726	27.6504	-12.6816	-2.549	-5.6134
4	19	2017.0723	-32.1307	-11.3217	-2.2762	6.4629
4	20	2017.0726	-31.6141	-12.6817	-2.549	6.3695
4	21	2017.0723	29.7466	-11.3197	-2.2758	-6.0036
4	22	2017.0726	30.2632	-12.6797	-2.5486	-6.0971
4	23	2017.0723	-29.5179	-11.3197	-2.2758	5.9793
4	24	2017.0726	-29.0013	-12.6797	-2.5486	5.8858
4	25	2017.0723	29.1375	-11.3216	-2.2761	-5.913
4	26	2017.0726	29.6541	-12.6816	-2.549	-6.0064
4	27	2017.0723	-30.127	-11.3217	-2.2762	6.0699
4	28	2017.0726	-29.6104	-12.6817	-2.549	5.9764
4	29	2017.0723	31.7503	-11.3197	-2.2758	-6.3967
4	30	2017.0726	32.2669	-12.6797	-2.5486	-6.4901
4	31	2017.0723	-27.5142	-11.3197	-2.2758	5.5862
4	32	2017.0726	-26.9976	-12.6797	-2.5486	5.4928
5	1	2032.4744	23.3114	2.1165	0.3881	-4.3481
5	2	2032.4748	23.2905	0.315	0.0527	-4.3441
5	3	2032.4744	-24.5444	2.1165	0.3881	4.5677
5	4	2032.4748	-24.5654	0.3149	0.0527	4.5717
5	5	2032.4744	23.1527	2.118	0.3884	-4.3178
5	6	2032.4748	23.1317	0.3165	0.053	-4.3137
5	7	2032.4744	-24.7032	2.118	0.3884	4.598
5	8	2032.4748	-24.7242	0.3164	0.053	4.602
5	9	2032.4744	24.6421	2.1165	0.3881	-4.5868
5	10	2032.4748	24.6211	0.315	0.0527	-4.5827
5	11	2032.4744	-23.2138	2.1165	0.3881	4.329
5	12	2032.4748	-23.2347	0.3149	0.0527	4.333
5	13	2032.4744	24.4833	2.118	0.3884	-4.5565
5	14	2032.4748	24.4624	0.3165	0.053	-4.5524
5	15	2032.4744	-23.3725	2.118	0.3884	4.3593
5	16	2032.4748	-23.3935	0.3164	0.053	4.3633
5	17	2032.4767	23.3934	-9.8704	-1.8378	-4.3633
5	18	2032.477	23.3724	-11.6719	-2.1732	-4.3593
5	19	2032.4767	-24.4625	-9.8704	-1.8378	4.5525
5	20	2032.477	-24.4834	-11.6719	-2.1732	4.5565
5	21	2032.4767	23.2346	-9.8689	-1.8375	-4.333
5	22	2032.477	23.2137	-11.6704	-2.1729	-4.329
5	23	2032.4767	-24.6212	-9.8689	-1.8375	4.5828
5	24	2032.477	-24.6422	-11.6704	-2.1729	4.5868
5	25	2032.4767	24.7241	-9.8704	-1.8378	-4.602
5	26	2032.477	24.7031	-11.6719	-2.1732	-4.598
5	27	2032.4767	-23.1318	-9.8704	-1.8378	4.3138
5	28	2032.477	-23.1528	-11.6719	-2.1732	4.3178
5	29	2032.4767	24.5653	-9.8689	-1.8375	-4.5717
5	30	2032.477	24.5443	-11.6704	-2.1729	-4.5677
5	31	2032.4767	-23.2906	-9.8689	-1.8375	4.3441
5	32	2032.477	-23.3115	-11.6704	-2.1729	4.3481
6	1	1999.7519	13.3506	0.2807	0.0604	-2.9679
6	2	1999.7526	13.3339	-2.7939	-0.6178	-2.9642
6	3	1999.7519	-13.9655	0.2807	0.0604	3.0929
6	4	1999.7526	-13.9822	-2.7939	-0.6178	3.0965
6	5	1999.7519	13.2319	0.2823	0.0608	-2.9417
6	6	1999.7526	13.2153	-2.7923	-0.6175	-2.938
6	7	1999.7519	-14.0842	0.2822	0.0608	3.1191
6	8	1999.7526	-14.1009	-2.7923	-0.6175	3.1227
6	9	1999.7519	14.0578	0.2807	0.0604	-3.1132

6	10	1999.7526	14.0411	-2.7939	-0.6178	-3.1096
6	11	1999.7519	-13.2583	0.2807	0.0604	2.9475
6	12	1999.7526	-13.275	-2.7939	-0.6178	2.9512
6	13	1999.7519	13.9391	0.2823	0.0608	-3.087
6	14	1999.7526	13.9224	-2.7923	-0.6175	-3.0834
6	15	1999.7519	-13.377	0.2822	0.0608	2.9737
6	16	1999.7526	-13.3937	-2.7923	-0.6175	2.9774
6	17	1999.7547	13.3936	-12.1668	-2.6885	-2.9774
6	18	1999.7554	13.377	-15.2414	-3.3668	-2.9737
6	19	1999.7547	-13.9225	-12.1668	-2.6885	3.0834
6	20	1999.7554	-13.9392	-15.2414	-3.3668	3.0871
6	21	1999.7547	13.2749	-12.1652	-2.6882	-2.9512
6	22	1999.7554	13.2583	-15.2398	-3.3664	-2.9475
6	23	1999.7547	-14.0412	-12.1653	-2.6882	3.1096
6	24	1999.7554	-14.0579	-15.2399	-3.3664	3.1132
6	25	1999.7547	14.1008	-12.1668	-2.6885	-3.1227
6	26	1999.7554	14.0841	-15.2414	-3.3668	-3.119
6	27	1999.7547	-13.2153	-12.1668	-2.6885	2.938
6	28	1999.7554	-13.232	-15.2414	-3.3668	2.9417
6	29	1999.7547	13.9821	-12.1652	-2.6882	-3.0965
6	30	1999.7554	13.9655	-15.2398	-3.3664	-3.0928
6	31	1999.7547	-13.334	-12.1653	-2.6882	2.9642
6	32	1999.7554	-13.3507	-15.2398	-3.3664	2.9679
7	1	2017.0814	7.206	-1.7849	-0.364	-1.4594
7	2	2017.0821	7.1946	-5.3621	-1.0831	-1.4571
7	3	2017.0814	-7.5914	-1.7849	-0.364	1.5275
7	4	2017.0821	-7.6029	-5.3622	-1.0831	1.5298
7	5	2017.0814	7.127	-1.7837	-0.3638	-1.4435
7	6	2017.0821	7.1155	-5.361	-1.0828	-1.4412
7	7	2017.0814	-7.6705	-1.7837	-0.3638	1.5434
7	8	2017.0821	-7.682	-5.361	-1.0828	1.5457
7	9	2017.0814	7.6536	-1.7849	-0.364	-1.54
7	10	2017.0821	7.6422	-5.3621	-1.0831	-1.5377
7	11	2017.0814	-7.1438	-1.7849	-0.364	1.4469
7	12	2017.0821	-7.1553	-5.3622	-1.0831	1.4492
7	13	2017.0814	7.5746	-1.7837	-0.3638	-1.5241
7	14	2017.0821	7.5631	-5.361	-1.0828	-1.5218
7	15	2017.0814	-7.2229	-1.7837	-0.3638	1.4628
7	16	2017.0821	-7.2343	-5.361	-1.0828	1.4651
7	17	2017.0832	7.2343	-10.9862	-2.21	-1.4651
7	18	2017.0839	7.2228	-14.5635	-2.9291	-1.4628
7	19	2017.0832	-7.5632	-10.9863	-2.21	1.5218
7	20	2017.0839	-7.5746	-14.5635	-2.9291	1.5241
7	21	2017.0832	7.1552	-10.9851	-2.2098	-1.4492
7	22	2017.0839	7.1438	-14.5624	-2.9288	-1.4469
7	23	2017.0832	-7.6422	-10.9851	-2.2098	1.5377
7	24	2017.0839	-7.6537	-14.5624	-2.9288	1.54
7	25	2017.0832	7.6819	-10.9862	-2.21	-1.5457
7	26	2017.0839	7.6705	-14.5635	-2.9291	-1.5434
7	27	2017.0832	-7.1155	-10.9863	-2.21	1.4413
7	28	2017.0839	-7.127	-14.5635	-2.9291	1.4436
7	29	2017.0832	7.6029	-10.9851	-2.2098	-1.5298
7	30	2017.0839	7.5914	-14.5624	-2.9288	-1.5275
7	31	2017.0832	-7.1946	-10.9851	-2.2098	1.4571
7	32	2017.0839	-7.2061	-14.5624	-2.9288	1.4594
8	1	2020.9192	-0.0669	-3.7951	-0.7484	0.0117
8	2	2020.9201	-0.0755	-8.2218	-1.6193	0.0134
8	3	2020.9192	-0.1388	-3.7951	-0.7484	0.0194
8	4	2020.9201	-0.1474	-8.2218	-1.6193	0.0211
8	5	2020.9192	-0.1164	-3.7941	-0.7482	0.0214
8	6	2020.9201	-0.125	-8.2208	-1.6191	0.0231
8	7	2020.9192	-0.1883	-3.7942	-0.7482	0.0291
8	8	2020.9201	-0.1969	-8.2209	-1.6191	0.0308
8	9	2020.9192	0.1792	-3.7951	-0.7484	-0.0273
8	10	2020.9201	0.1706	-8.2218	-1.6193	-0.0256
8	11	2020.9192	0.1073	-3.7951	-0.7484	-0.0196
8	12	2020.9201	0.0987	-8.2218	-1.6193	-0.0179
8	13	2020.9192	0.1297	-3.7941	-0.7482	-0.0176
8	14	2020.9201	0.1211	-8.2208	-1.6191	-0.0159
8	15	2020.9192	0.0578	-3.7942	-0.7482	-0.0099

8	16	2020.9201	0.0492	-8.2208	-1.6191	-0.0082
8	17	2020.9207	-0.0492	-11.2459	-2.2158	0.0082
8	18	2020.9216	-0.0578	-15.6726	-3.0867	0.0099
8	19	2020.9207	-0.1212	-11.2459	-2.2158	0.0159
8	20	2020.9216	-0.1298	-15.6726	-3.0867	0.0176
8	21	2020.9207	-0.0987	-11.245	-2.2156	0.0179
8	22	2020.9216	-0.1073	-15.6717	-3.0865	0.0196
8	23	2020.9207	-0.1706	-11.245	-2.2156	0.0256
8	24	2020.9216	-0.1792	-15.6717	-3.0865	0.0273
8	25	2020.9207	0.1969	-11.2459	-2.2158	-0.0308
8	26	2020.9216	0.1883	-15.6726	-3.0867	-0.0291
8	27	2020.9207	0.125	-11.2459	-2.2158	-0.0231
8	28	2020.9216	0.1164	-15.6726	-3.0867	-0.0214
8	29	2020.9207	0.1474	-11.245	-2.2156	-0.0211
8	30	2020.9216	0.1388	-15.6717	-3.0865	-0.0194
8	31	2020.9207	0.0755	-11.245	-2.2156	-0.0134
8	32	2020.9216	0.0669	-15.6717	-3.0865	-0.0117
9	1	2026.7032	-7.7598	-5.7114	-1.0975	1.4821
9	2	2026.7043	-7.7695	-11.0026	-2.1101	1.484
9	3	2026.7032	7.7079	-5.7114	-1.0975	-1.481
9	4	2026.7043	7.6982	-11.0026	-2.1101	-1.4792
9	5	2026.7032	-7.7909	-5.7107	-1.0973	1.4881
9	6	2026.7043	-7.8006	-11.0019	-2.1099	1.4899
9	7	2026.7032	7.6768	-5.7107	-1.0974	-1.4751
9	8	2026.7043	7.6671	-11.0019	-2.1099	-1.4732
9	9	2026.7032	-7.6782	-5.7114	-1.0975	1.4754
9	10	2026.7043	-7.6879	-11.0026	-2.1101	1.4772
9	11	2026.7032	7.7895	-5.7114	-1.0975	-1.4878
9	12	2026.7043	7.7798	-11.0026	-2.1101	-1.4859
9	13	2026.7032	-7.7093	-5.7107	-1.0973	1.4813
9	14	2026.7043	-7.719	-11.0019	-2.1099	1.4831
9	15	2026.7032	7.7584	-5.7107	-1.0974	-1.4818
9	16	2026.7043	7.7487	-11.0019	-2.1099	-1.48
9	17	2026.7044	-7.7487	-11.6191	-2.2259	1.48
9	18	2026.7054	-7.7584	-16.9103	-3.2385	1.4818
9	19	2026.7044	7.719	-11.6191	-2.2259	-1.4831
9	20	2026.7054	7.7093	-16.9103	-3.2385	-1.4813
9	21	2026.7044	-7.7798	-11.6184	-2.2258	1.4859
9	22	2026.7054	-7.7895	-16.9096	-3.2383	1.4878
9	23	2026.7044	7.6879	-11.6184	-2.2258	-1.4772
9	24	2026.7054	7.6782	-16.9096	-3.2383	-1.4754
9	25	2026.7044	-7.6671	-11.6191	-2.2259	1.4732
9	26	2026.7054	-7.6768	-16.9103	-3.2385	1.4751
9	27	2026.7044	7.8006	-11.6191	-2.2259	-1.4899
9	28	2026.7054	7.7909	-16.9103	-3.2385	-1.4881
9	29	2026.7044	-7.6982	-11.6184	-2.2258	1.4792
9	30	2026.7054	-7.7079	-16.9096	-3.2383	1.481
9	31	2026.7044	7.7695	-11.6184	-2.2258	-1.484
9	32	2026.7054	7.7598	-16.9096	-3.2383	-1.4821
10	1	2026.6927	-15.3238	-7.9387	-1.519	2.9324
10	2	2026.6939	-15.3381	-14.3962	-2.7531	2.9351
10	3	2026.6927	15.4251	-7.9388	-1.519	-2.961
10	4	2026.6939	15.4108	-14.3962	-2.7531	-2.9582
10	5	2026.6927	-15.3427	-7.9381	-1.5189	2.936
10	6	2026.6939	-15.3571	-14.3956	-2.753	2.9388
10	7	2026.6927	15.4062	-7.9382	-1.5189	-2.9573
10	8	2026.6939	15.3918	-14.3956	-2.753	-2.9546
10	9	2026.6927	-15.3986	-7.9387	-1.519	2.9559
10	10	2026.6939	-15.413	-14.3962	-2.7531	2.9586
10	11	2026.6927	15.3503	-7.9388	-1.519	-2.9375
10	12	2026.6939	15.3359	-14.3962	-2.7531	-2.9347
10	13	2026.6927	-15.4176	-7.9381	-1.5189	2.9595
10	14	2026.6939	-15.4319	-14.3956	-2.753	2.9623
10	15	2026.6927	15.3313	-7.9382	-1.5189	-2.9338
10	16	2026.6939	15.317	-14.3956	-2.753	-2.9311
10	17	2026.6936	-15.317	-12.7361	-2.4369	2.9311
10	18	2026.6948	-15.3313	-19.1936	-3.6709	2.9338
10	19	2026.6936	15.4319	-12.7361	-2.4369	-2.9623
10	20	2026.6948	15.4176	-19.1936	-3.6709	-2.9595
10	21	2026.6936	-15.3359	-12.7355	-2.4368	2.9347

10	22	2026.6948	-15.3503	-19.193	-3.6708	2.9375
10	23	2026.6936	15.413	-12.7355	-2.4368	-2.9586
10	24	2026.6948	15.3986	-19.193	-3.6708	-2.9559
10	25	2026.6936	-15.3918	-12.7361	-2.4369	2.9546
10	26	2026.6948	-15.4062	-19.1936	-3.6709	2.9573
10	27	2026.6936	15.3571	-12.7361	-2.4369	-2.9388
10	28	2026.6948	15.3427	-19.1936	-3.6709	-2.936
10	29	2026.6936	-15.4108	-12.7355	-2.4368	2.9582
10	30	2026.6948	-15.4252	-19.193	-3.6708	2.961
10	31	2026.6936	15.3381	-12.7355	-2.4368	-2.9351
10	32	2026.6948	15.3237	-19.193	-3.6708	-2.9324
11	1	1999.7657	-20.2355	-12.4514	-2.7552	4.4919
11	2	1999.7678	-20.2562	-21.8203	-4.8247	4.4965
11	3	1999.7657	20.4938	-12.4514	-2.7552	-4.5591
11	4	1999.7678	20.4731	-21.8203	-4.8247	-4.5545
11	5	1999.7657	-20.2458	-12.4508	-2.7551	4.4942
11	6	1999.7678	-20.2664	-21.8198	-4.8246	4.4987
11	7	1999.7657	20.4835	-12.4509	-2.7551	-4.5568
11	8	1999.7678	20.4629	-21.8198	-4.8246	-4.5523
11	9	1999.7657	-20.4666	-12.4514	-2.7552	4.5531
11	10	1999.7678	-20.4872	-21.8203	-4.8247	4.5576
11	11	1999.7657	20.2627	-12.4514	-2.7552	-4.4979
11	12	1999.7678	20.2421	-21.8203	-4.8247	-4.4934
11	13	1999.7657	-20.4768	-12.4508	-2.7551	4.5553
11	14	1999.7678	-20.4974	-21.8198	-4.8246	4.5599
11	15	1999.7657	20.2525	-12.4509	-2.7551	-4.4957
11	16	1999.7678	20.2319	-21.8198	-4.8246	-4.4911
11	17	1999.7668	-20.2319	-17.0293	-3.7648	4.4911
11	18	1999.7688	-20.2525	-26.3982	-5.8342	4.4957
11	19	1999.7668	20.4974	-17.0293	-3.7648	-4.5599
11	20	1999.7688	20.4768	-26.3982	-5.8342	-4.5553
11	21	1999.7668	-20.2421	-17.0287	-3.7646	4.4934
11	22	1999.7688	-20.2627	-26.3976	-5.8341	4.4979
11	23	1999.7668	20.4872	-17.0287	-3.7646	-4.5576
11	24	1999.7688	20.4666	-26.3977	-5.8341	-4.5531
11	25	1999.7668	-20.4629	-17.0293	-3.7648	4.5523
11	26	1999.7688	-20.4836	-26.3982	-5.8342	4.5568
11	27	1999.7668	20.2664	-17.0293	-3.7648	-4.4987
11	28	1999.7688	20.2457	-26.3982	-5.8342	-4.4942
11	29	1999.7668	-20.4731	-17.0287	-3.7646	4.5545
11	30	1999.7688	-20.4938	-26.3976	-5.8341	4.5591
11	31	1999.7668	20.2562	-17.0287	-3.7646	-4.4965
11	32	1999.7688	20.2355	-26.3977	-5.8341	-4.4919
12	1	2032.4662	-31.4193	-12.6776	-2.3572	5.8497
12	2	2032.4679	-31.4584	-21.7461	-4.0419	5.857
12	3	2032.4662	32.0116	-12.6776	-2.3572	-5.9687
12	4	2032.4679	31.9725	-21.7461	-4.0419	-5.9615
12	5	2032.4662	-31.4266	-12.6773	-2.3571	5.8511
12	6	2032.4679	-31.4657	-21.7457	-4.0418	5.8584
12	7	2032.4662	32.0043	-12.6773	-2.3571	-5.9674
12	8	2032.4679	31.9652	-21.7457	-4.0418	-5.9601
12	9	2032.4662	-31.9678	-12.6776	-2.3572	5.9606
12	10	2032.4679	-32.0069	-21.7461	-4.0419	5.9679
12	11	2032.4662	31.4631	-12.6776	-2.3572	-5.8579
12	12	2032.4679	31.424	-21.7461	-4.0419	-5.8506
12	13	2032.4662	-31.9751	-12.6773	-2.3571	5.9619
12	14	2032.4679	-32.0142	-21.7457	-4.0418	5.9692
12	15	2032.4662	31.4558	-12.6773	-2.3571	-5.8565
12	16	2032.4679	31.4167	-21.7457	-4.0418	-5.8493
12	17	2032.4667	-31.4167	-15.5287	-2.8876	5.8493
12	18	2032.4684	-31.4558	-24.5971	-4.5723	5.8565
12	19	2032.4667	32.0142	-15.5287	-2.8876	-5.9692
12	20	2032.4684	31.9751	-24.5971	-4.5723	-5.9619
12	21	2032.4667	-31.424	-15.5283	-2.8875	5.8506
12	22	2032.4684	-31.4631	-24.5967	-4.5722	5.8579
12	23	2032.4667	32.0069	-15.5283	-2.8875	-5.9679
12	24	2032.4684	31.9678	-24.5967	-4.5722	-5.9606
12	25	2032.4667	-31.9652	-15.5287	-2.8876	5.9601
12	26	2032.4684	-32.0043	-24.5971	-4.5723	5.9674
12	27	2032.4667	31.4657	-15.5287	-2.8876	-5.8584

12	28	2032.4684	31.4266	-24.5971	-4.5723	-5.8511
12	29	2032.4667	-31.9725	-15.5283	-2.8875	5.9615
12	30	2032.4684	-32.0116	-24.5967	-4.5722	5.9687
12	31	2032.4667	31.4584	-15.5283	-2.8875	-5.857
12	32	2032.4684	31.4193	-24.5967	-4.5722	-5.8497
13	1	2017.0845	-36.4928	-17.324	-3.4853	7.38
13	2	2017.0869	-36.5525	-29.314	-5.8946	7.392
13	3	2017.0845	37.4589	-17.324	-3.4853	-7.5833
13	4	2017.0869	37.3992	-29.314	-5.8946	-7.5713
13	5	2017.0845	-36.4971	-17.3237	-3.4853	7.3809
13	6	2017.0869	-36.5568	-29.3138	-5.8945	7.3929
13	7	2017.0845	37.4546	-17.3237	-3.4853	-7.5824
13	8	2017.0869	37.3949	-29.3138	-5.8945	-7.5704
13	9	2017.0845	-37.3964	-17.324	-3.4853	7.5707
13	10	2017.0869	-37.4562	-29.314	-5.8946	7.5827
13	11	2017.0845	36.5553	-17.324	-3.4853	-7.3925
13	12	2017.0869	36.4955	-29.314	-5.8946	-7.3806
13	13	2017.0845	-37.4007	-17.3237	-3.4853	7.5716
13	14	2017.0869	-37.4605	-29.3138	-5.8945	7.5836
13	15	2017.0845	36.551	-17.3237	-3.4853	-7.3917
13	16	2017.0869	36.4912	-29.3138	-5.8945	-7.3797
13	17	2017.085	-36.4912	-19.6439	-3.9504	7.3797
13	18	2017.0874	-36.551	-31.6339	-6.3597	7.3917
13	19	2017.085	37.4605	-19.6439	-3.9504	-7.5836
13	20	2017.0874	37.4007	-31.6339	-6.3597	-7.5716
13	21	2017.085	-36.4955	-19.6436	-3.9504	7.3806
13	22	2017.0874	-36.5553	-31.6337	-6.3596	7.3925
13	23	2017.085	37.4562	-19.6436	-3.9504	-7.5827
13	24	2017.0874	37.3964	-31.6337	-6.3596	-7.5707
13	25	2017.085	-37.3949	-19.6439	-3.9504	7.5704
13	26	2017.0874	-37.4546	-31.6339	-6.3597	7.5824
13	27	2017.085	36.5568	-19.6439	-3.9504	-7.3929
13	28	2017.0874	36.4971	-31.6339	-6.3597	-7.3809
13	29	2017.085	-37.3992	-19.6436	-3.9504	7.5713
13	30	2017.0874	-37.4589	-31.6337	-6.3596	7.5833
13	31	2017.085	36.5525	-19.6436	-3.9504	-7.392
13	32	2017.0874	36.4928	-31.6337	-6.3596	-7.38
14	1	2005.5296	-40.5545	-22.9111	-4.8959	8.7292
14	2	2005.5329	-40.6443	-38.3976	-8.2035	8.7484
14	3	2005.5296	42.0691	-22.9111	-4.8959	-9.0632
14	4	2005.5329	41.9794	-38.3976	-8.2035	-9.044
14	5	2005.5296	-40.5572	-22.9109	-4.8958	8.7298
14	6	2005.5329	-40.6469	-38.3974	-8.2035	8.749
14	7	2005.5296	42.0665	-22.9109	-4.8958	-9.0626
14	8	2005.5329	41.9767	-38.3974	-8.2035	-9.0434
14	9	2005.5296	-41.9777	-22.9111	-4.8959	9.0436
14	10	2005.5329	-42.0674	-38.3976	-8.2035	9.0628
14	11	2005.5296	40.6459	-22.9111	-4.8959	-8.7488
14	12	2005.5329	40.5562	-38.3976	-8.2035	-8.7296
14	13	2005.5296	-41.9803	-22.9109	-4.8958	9.0442
14	14	2005.5329	-42.07	-38.3974	-8.2035	9.0634
14	15	2005.5296	40.6433	-22.9109	-4.8958	-8.7482
14	16	2005.5329	40.5536	-38.3974	-8.2035	-8.729
14	17	2005.5299	-40.5536	-24.5979	-5.2567	8.729
14	18	2005.5332	-40.6433	-40.0844	-8.5644	8.7482
14	19	2005.5299	42.07	-24.5979	-5.2567	-9.0634
14	20	2005.5332	41.9803	-40.0844	-8.5644	-9.0442
14	21	2005.5299	-40.5562	-24.5977	-5.2566	8.7296
14	22	2005.5332	-40.6459	-40.0841	-8.5643	8.7488
14	23	2005.5299	42.0674	-24.5977	-5.2566	-9.0628
14	24	2005.5332	41.9777	-40.0842	-8.5643	-9.0436
14	25	2005.5299	-41.9767	-24.5979	-5.2567	9.0434
14	26	2005.5332	-42.0665	-40.0844	-8.5644	9.0626
14	27	2005.5299	40.6469	-24.5979	-5.2567	-8.749
14	28	2005.5332	40.5572	-40.0844	-8.5644	-8.7298
14	29	2005.5299	-41.9794	-24.5977	-5.2566	9.044
14	30	2005.5332	-42.0691	-40.0841	-8.5643	9.0632
14	31	2005.5299	40.6443	-24.5977	-5.2566	-8.7484
14	32	2005.5332	40.5545	-40.0842	-8.5643	-8.7292
15	1	1967.0614	-36.5886	-37.504	-10.2013	10.009

15	2	1967.0681	-36.6155	-62.463	-16.9866	10.0293
15	3	1967.0614	38.4922	-37.504	-10.2013	-10.5513
15	4	1967.0681	38.4653	-62.463	-16.9866	-10.531
15	5	1967.0614	-36.5901	-37.5039	-10.2013	10.0094
15	6	1967.0681	-36.617	-62.4628	-16.9866	10.0297
15	7	1967.0614	38.4907	-37.5039	-10.2013	-10.5509
15	8	1967.0681	38.4639	-62.4628	-16.9866	-10.5306
15	9	1967.0614	-38.4644	-37.504	-10.2013	10.5307
15	10	1967.0681	-38.4913	-62.463	-16.9866	10.5511
15	11	1967.0614	36.6165	-37.504	-10.2013	-10.0296
15	12	1967.0681	36.5896	-62.463	-16.9866	-10.0092
15	13	1967.0614	-38.4659	-37.5039	-10.2013	10.5311
15	14	1967.0681	-38.4927	-62.4628	-16.9866	10.5515
15	15	1967.0614	36.615	-37.5039	-10.2013	-10.0292
15	16	1967.0681	36.5881	-62.4628	-16.9866	-10.0088
15	17	1967.0617	-36.5881	-38.7396	-10.5362	10.0088
15	18	1967.0685	-36.615	-63.6986	-17.3215	10.0292
15	19	1967.0617	38.4927	-38.7396	-10.5362	-10.5515
15	20	1967.0685	38.4659	-63.6986	-17.3215	-10.5311
15	21	1967.0617	-36.5896	-38.7395	-10.5362	10.0092
15	22	1967.0685	-36.6165	-63.6984	-17.3215	10.0296
15	23	1967.0617	38.4913	-38.7395	-10.5362	-10.5511
15	24	1967.0685	38.4644	-63.6984	-17.3215	-10.5307
15	25	1967.0617	-38.4639	-38.7396	-10.5362	10.5306
15	26	1967.0685	-38.4907	-63.6986	-17.3215	10.5509
15	27	1967.0617	36.617	-38.7396	-10.5362	-10.0297
15	28	1967.0685	36.5901	-63.6986	-17.3215	-10.0094
15	29	1967.0617	-38.4653	-38.7395	-10.5362	10.531
15	30	1967.0685	-38.4922	-63.6984	-17.3215	10.5513
15	31	1967.0617	36.6155	-38.7395	-10.5362	-10.0293
15	32	1967.0685	36.5886	-63.6984	-17.3215	-10.009

- Caso 7 :

Nome : Caso 10

Descr. : SLD con SISMA PRINC

Tipo : SLD

punto maglia	sestetto	N [kN]	Mx [kN*m]	My [kN*m]	Tx [kN]	Ty [kN]
1	1	1934.3254	48.0167	39.6035	13.9566	-19.447
1	2	1934.3253	48.9422	39.9228	14.0696	-19.7202
1	3	1934.3254	48.0487	39.6034	13.9566	-19.4529
1	4	1934.3253	48.9741	39.9228	14.0696	-19.7261
1	5	1934.3276	47.9704	33.161	11.6764	-19.4308
1	6	1934.3275	48.8959	33.4803	11.7894	-19.704
1	7	1934.3276	48.0024	33.1609	11.6764	-19.4367
1	8	1934.3275	48.9279	33.4803	11.7894	-19.7099
1	9	1934.3254	-144.8798	39.6104	13.9591	49.2092
1	10	1934.3253	-143.9544	39.9297	14.0721	48.936
1	11	1934.3254	-144.8478	39.6103	13.959	49.2033
1	12	1934.3253	-143.9224	39.9296	14.0721	48.9301
1	13	1934.3276	-144.9261	33.1678	11.6788	49.2254
1	14	1934.3275	-144.0007	33.4872	11.7918	48.9522
1	15	1934.3276	-144.8941	33.1678	11.6788	49.2195
1	16	1934.3275	-143.9687	33.4871	11.7918	48.9463
1	17	1934.3255	143.9685	39.14	13.7926	-48.9463
1	18	1934.3254	144.8939	39.4593	13.9056	-49.2195
1	19	1934.3255	144.0005	39.1399	13.7925	-48.9522
1	20	1934.3254	144.9259	39.4593	13.9056	-49.2254
1	21	1934.3278	143.9222	32.6975	11.5123	-48.9301
1	22	1934.3277	144.8476	33.0168	11.6253	-49.2033
1	23	1934.3278	143.9542	32.6974	11.5123	-48.936
1	24	1934.3277	144.8796	33.0167	11.6253	-49.2092
1	25	1934.3255	-48.928	39.1469	13.795	19.7099
1	26	1934.3254	-48.0026	39.4662	13.908	19.4367
1	27	1934.3255	-48.896	39.1468	13.795	19.704
1	28	1934.3254	-47.9706	39.4661	13.908	19.4308
1	29	1934.3278	-48.9743	32.7043	11.5148	19.7261
1	30	1934.3277	-48.0489	33.0237	11.6278	19.4529

1	31	1934.3278	-48.9423	32.7043	11.5147	19.7202
1	32	1934.3277	-48.0169	33.0236	11.6278	19.447
2	1	1936.3844	-4328.0903	10.2346	14.231	919.0581
2	2	2074.5628	-4263.9578	-4.4944	-12.9732	919.8709
2	3	1936.3844	-4327.7466	10.2346	14.231	918.9812
2	4	2074.5628	-4263.6141	-4.4944	-12.9732	919.794
2	5	1936.3118	-4328.3913	3.6587	12.8403	919.1211
2	6	2074.4902	-4264.2588	-11.0703	-14.3638	919.9338
2	7	1936.3118	-4328.0476	3.6586	12.8403	919.0442
2	8	2074.4902	-4263.9151	-11.0704	-14.3638	919.8569
2	9	1936.3844	-4630.5761	10.2417	14.2325	984.1424
2	10	2074.5628	-4566.4436	-4.4874	-12.9717	984.9551
2	11	1936.3844	-4630.2324	10.2416	14.2325	984.0655
2	12	2074.5628	-4566.0999	-4.4874	-12.9717	984.8782
2	13	1936.3119	-4630.877	3.6657	12.8418	984.2053
2	14	2074.4903	-4566.7446	-11.0633	-14.3623	985.018
2	15	1936.3119	-4630.5333	3.6657	12.8418	984.1284
2	16	2074.4903	-4566.4008	-11.0633	-14.3623	984.9411
2	17	1936.3834	4566.3845	9.7613	14.1301	-984.9376
2	18	2074.5618	4630.517	-4.9677	-13.074	-984.1249
2	19	1936.3834	4566.7282	9.7613	14.1301	-985.0145
2	20	2074.5618	4630.8607	-4.9677	-13.074	-984.2018
2	21	1936.3109	4566.0836	3.1854	12.7395	-984.8747
2	22	2074.4893	4630.216	-11.5436	-14.4646	-984.062
2	23	1936.3109	4566.4273	3.1853	12.7395	-984.9516
2	24	2074.4893	4630.5598	-11.5437	-14.4646	-984.1389
2	25	1936.3834	4263.8987	9.7683	14.1316	-919.8534
2	26	2074.5618	4328.0312	-4.9607	-13.0725	-919.0407
2	27	1936.3834	4264.2425	9.7683	14.1316	-919.9303
2	28	2074.5618	4328.3749	-4.9607	-13.0725	-919.1176
2	29	1936.3109	4263.5978	3.1924	12.741	-919.7905
2	30	2074.4893	4327.7303	-11.5366	-14.4631	-918.9777
2	31	1936.3109	4263.9415	3.1923	12.741	-919.8674
2	32	2074.4893	4328.074	-11.5367	-14.4631	-919.0546
3	1	1986.89	-154.3085	-1.8223	-3.6377	29.0533
3	2	2024.0611	-131.4026	1.3778	3.5108	28.6189
3	3	1986.89	-153.7867	-1.8223	-3.6377	28.942
3	4	2024.0611	-130.8808	1.3778	3.5108	28.5076
3	5	1986.9397	-154.0844	-7.9226	-4.9317	29.0057
3	6	2024.1108	-131.1785	-4.7225	2.2168	28.5713
3	7	1986.9397	-153.5626	-7.9226	-4.9317	28.8945
3	8	2024.1108	-130.6567	-4.7225	2.2168	28.4601
3	9	1986.89	-355.0696	-1.8224	-3.6378	72.2323
3	10	2024.0611	-332.1637	1.3777	3.5108	71.7979
3	11	1986.89	-354.5477	-1.8224	-3.6378	72.121
3	12	2024.0611	-331.6418	1.3777	3.5108	71.6866
3	13	1986.9397	-354.8455	-7.9227	-4.9318	72.1847
3	14	2024.1108	-331.9396	-4.7227	2.2168	71.7503
3	15	1986.9397	-354.3236	-7.9227	-4.9318	72.0735
3	16	2024.1108	-331.4177	-4.7227	2.2168	71.6391
3	17	1986.8895	331.4342	-1.8139	-3.636	-71.6426
3	18	2024.0606	354.3401	1.3862	3.5126	-72.077
3	19	1986.8895	331.956	-1.8139	-3.636	-71.7539
3	20	2024.0606	354.8619	1.3862	3.5126	-72.1883
3	21	1986.9392	331.6583	-7.9142	-4.93	-71.6902
3	22	2024.1103	354.5642	-4.7141	2.2186	-72.1246
3	23	1986.9392	332.1801	-7.9142	-4.93	-71.8014
3	24	2024.1103	355.086	-4.7141	2.2186	-72.2358
3	25	1986.8896	130.6731	-1.814	-3.6361	-28.4636
3	26	2024.0606	153.579	1.3861	3.5125	-28.898
3	27	1986.8896	131.195	-1.814	-3.6361	-28.5749
3	28	2024.0606	154.1009	1.3861	3.5125	-29.0093
3	29	1986.9393	130.8972	-7.9143	-4.9301	-28.5112
3	30	2024.1103	153.8031	-4.7143	2.2185	-28.9456
3	31	1986.9393	131.4191	-7.9143	-4.9301	-28.6224
3	32	2024.1103	154.325	-4.7143	2.2185	-29.0568
4	1	2017.0702	93.8403	-1.0546	-0.2136	-19.0557
4	2	2017.0705	94.3569	-2.4146	-0.4864	-19.1491
4	3	2017.0702	94.4414	-1.0546	-0.2136	-19.1736
4	4	2017.0705	94.958	-2.4146	-0.4864	-19.267

4	5	2017.0712	93.8811	-5.7943	-1.1657	-19.0638
4	6	2017.0715	94.3977	-7.1543	-1.4385	-19.1572
4	7	2017.0712	94.4822	-5.7943	-1.1657	-19.1817
4	8	2017.0715	94.9988	-7.1543	-1.4385	-19.2751
4	9	2017.0702	-103.7081	-1.0547	-0.2136	20.8873
4	10	2017.0705	-103.1915	-2.4147	-0.4864	20.7939
4	11	2017.0702	-103.107	-1.0547	-0.2136	20.7694
4	12	2017.0705	-102.5904	-2.4147	-0.4864	20.676
4	13	2017.0712	-103.6673	-5.7944	-1.1658	20.8792
4	14	2017.0715	-103.1507	-7.1544	-1.4386	20.7857
4	15	2017.0712	-103.0662	-5.7944	-1.1658	20.7612
4	16	2017.0715	-102.5495	-7.1544	-1.4386	20.6678
4	17	2017.0702	102.5497	-1.048	-0.2122	-20.6679
4	18	2017.0705	103.0663	-2.408	-0.485	-20.7613
4	19	2017.0702	103.1508	-1.048	-0.2122	-20.7858
4	20	2017.0705	103.6674	-2.408	-0.485	-20.8792
4	21	2017.0712	102.5905	-5.7877	-1.1644	-20.676
4	22	2017.0715	103.1071	-7.1477	-1.4372	-20.7694
4	23	2017.0712	103.1916	-5.7877	-1.1644	-20.7939
4	24	2017.0715	103.7083	-7.1477	-1.4372	-20.8873
4	25	2017.0702	-94.9986	-1.0481	-0.2123	19.2751
4	26	2017.0705	-94.482	-2.4081	-0.4851	19.1817
4	27	2017.0702	-94.3975	-1.0481	-0.2123	19.1572
4	28	2017.0705	-93.8809	-2.4081	-0.4851	19.0638
4	29	2017.0712	-94.9578	-5.7878	-1.1644	19.267
4	30	2017.0715	-94.4412	-7.1478	-1.4372	19.1735
4	31	2017.0712	-94.3567	-5.7878	-1.1644	19.149
4	32	2017.0715	-93.8401	-7.1478	-1.4372	19.0556
5	1	2032.4752	79.823	-2.0806	-0.3913	-14.874
5	2	2032.4756	79.802	-3.8822	-0.7267	-14.87
5	3	2032.4752	80.2222	-2.0806	-0.3913	-14.9456
5	4	2032.4756	80.2012	-3.8822	-0.7267	-14.9416
5	5	2032.4759	79.8475	-5.6767	-1.059	-14.8786
5	6	2032.4762	79.8266	-7.4782	-1.3944	-14.8746
5	7	2032.4759	80.2467	-5.6767	-1.059	-14.9502
5	8	2032.4762	80.2258	-7.4782	-1.3944	-14.9462
5	9	2032.4752	-79.6966	-2.0807	-0.3913	14.8452
5	10	2032.4756	-79.7176	-3.8822	-0.7267	14.8492
5	11	2032.4752	-79.2974	-2.0807	-0.3913	14.7736
5	12	2032.4756	-79.3184	-3.8822	-0.7267	14.7776
5	13	2032.4759	-79.672	-5.6768	-1.0591	14.8406
5	14	2032.4762	-79.693	-7.4783	-1.3944	14.8446
5	15	2032.4759	-79.2728	-5.6768	-1.0591	14.769
5	16	2032.4762	-79.2938	-7.4783	-1.3944	14.773
5	17	2032.4752	79.2937	-2.0757	-0.3903	-14.773
5	18	2032.4755	79.2727	-3.8772	-0.7257	-14.769
5	19	2032.4752	79.6929	-2.0757	-0.3903	-14.8446
5	20	2032.4755	79.6719	-3.8772	-0.7257	-14.8406
5	21	2032.4759	79.3183	-5.6717	-1.0581	-14.7776
5	22	2032.4762	79.2973	-7.4732	-1.3935	-14.7735
5	23	2032.4759	79.7175	-5.6717	-1.0581	-14.8492
5	24	2032.4762	79.6965	-7.4732	-1.3935	-14.8452
5	25	2032.4752	-80.2259	-2.0757	-0.3904	14.9462
5	26	2032.4755	-80.2468	-3.8773	-0.7257	14.9502
5	27	2032.4752	-79.8267	-2.0757	-0.3904	14.8746
5	28	2032.4755	-79.8476	-3.8773	-0.7257	14.8786
5	29	2032.4759	-80.2013	-5.6718	-1.0581	14.9416
5	30	2032.4762	-80.2223	-7.4733	-1.3935	14.9456
5	31	2032.4759	-79.8021	-5.6718	-1.0581	14.87
5	32	2032.4762	-79.8231	-7.4733	-1.3935	14.874
6	1	1999.7529	45.6204	-4.0777	-0.9021	-10.1235
6	2	1999.7536	45.6038	-7.1523	-1.5804	-10.1198
6	3	1999.7529	45.8326	-4.0777	-0.9021	-10.1671
6	4	1999.7536	45.8159	-7.1523	-1.5804	-10.1634
6	5	1999.7537	45.6334	-7.812	-1.7268	-10.1263
6	6	1999.7544	45.6167	-10.8865	-2.405	-10.1226
6	7	1999.7537	45.8455	-7.812	-1.7268	-10.1699
6	8	1999.7544	45.8288	-10.8865	-2.405	-10.1663
6	9	1999.7529	-45.4333	-4.0778	-0.9021	10.0789
6	10	1999.7536	-45.45	-7.1524	-1.5804	10.0826

6	11	1999.7529	-45.2211	-4.0778	-0.9021	10.0353
6	12	1999.7536	-45.2378	-7.1524	-1.5804	10.039
6	13	1999.7537	-45.4204	-7.812	-1.7268	10.0761
6	14	1999.7544	-45.4371	-10.8866	-2.4051	10.0798
6	15	1999.7537	-45.2082	-7.812	-1.7268	10.0325
6	16	1999.7544	-45.2249	-10.8866	-2.4051	10.0362
6	17	1999.7529	45.2249	-4.0725	-0.9009	-10.0362
6	18	1999.7536	45.2082	-7.1471	-1.5792	-10.0325
6	19	1999.7529	45.437	-4.0725	-0.9009	-10.0798
6	20	1999.7536	45.4203	-7.1471	-1.5792	-10.0761
6	21	1999.7537	45.2378	-7.8068	-1.7256	-10.039
6	22	1999.7544	45.2211	-10.8814	-2.4039	-10.0353
6	23	1999.7537	45.4499	-7.8068	-1.7256	-10.0826
6	24	1999.7544	45.4332	-10.8814	-2.4039	-10.0789
6	25	1999.7529	-45.8289	-4.0726	-0.901	10.1663
6	26	1999.7536	-45.8456	-7.1472	-1.5792	10.1699
6	27	1999.7529	-45.6167	-4.0726	-0.901	10.1227
6	28	1999.7536	-45.6334	-7.1472	-1.5792	10.1263
6	29	1999.7537	-45.816	-7.8069	-1.7256	10.1634
6	30	1999.7544	-45.8327	-10.8814	-2.4039	10.1671
6	31	1999.7537	-45.6038	-7.8069	-1.7256	10.1198
6	32	1999.7544	-45.6205	-10.8814	-2.4039	10.1235
7	1	2017.082	24.7285	-5.0067	-1.0104	-4.9928
7	2	2017.0827	24.717	-8.5839	-1.7294	-4.9905
7	3	2017.082	24.8628	-5.0067	-1.0104	-5.017
7	4	2017.0827	24.8513	-8.5839	-1.7294	-5.0147
7	5	2017.0826	24.737	-7.7671	-1.5642	-4.9945
7	6	2017.0833	24.7255	-11.3444	-2.2832	-4.9922
7	7	2017.0826	24.8713	-7.7671	-1.5642	-5.0187
7	8	2017.0833	24.8598	-11.3444	-2.2832	-5.0164
7	9	2017.082	-24.5963	-5.0067	-1.0104	4.9635
7	10	2017.0827	-24.6078	-8.584	-1.7294	4.9658
7	11	2017.082	-24.462	-5.0067	-1.0104	4.9394
7	12	2017.0827	-24.4735	-8.584	-1.7294	4.9417
7	13	2017.0826	-24.5878	-7.7671	-1.5642	4.9618
7	14	2017.0833	-24.5993	-11.3444	-2.2832	4.9641
7	15	2017.0826	-24.4536	-7.7671	-1.5642	4.9377
7	16	2017.0833	-24.465	-11.3444	-2.2832	4.94
7	17	2017.082	24.465	-5.0028	-1.0096	-4.94
7	18	2017.0827	24.4535	-8.5801	-1.7287	-4.9377
7	19	2017.082	24.5993	-5.0028	-1.0096	-4.9641
7	20	2017.0827	24.5878	-8.5801	-1.7287	-4.9618
7	21	2017.0826	24.4735	-7.7633	-1.5634	-4.9417
7	22	2017.0833	24.462	-11.3405	-2.2825	-4.9394
7	23	2017.0826	24.6078	-7.7633	-1.5634	-4.9658
7	24	2017.0833	24.5963	-11.3405	-2.2825	-4.9635
7	25	2017.082	-24.8599	-5.0029	-1.0096	5.0164
7	26	2017.0827	-24.8713	-8.5802	-1.7287	5.0187
7	27	2017.082	-24.7256	-5.0029	-1.0096	4.9923
7	28	2017.0827	-24.737	-8.5802	-1.7287	4.9946
7	29	2017.0826	-24.8514	-7.7633	-1.5634	5.0147
7	30	2017.0833	-24.8628	-11.3406	-2.2825	5.017
7	31	2017.0826	-24.7171	-7.7633	-1.5634	4.9905
7	32	2017.0833	-24.7286	-11.3406	-2.2825	4.9929
8	1	2020.9197	0.167	-6.4039	-1.2622	-0.0235
8	2	2020.9206	0.1584	-10.8306	-2.1331	-0.0218
8	3	2020.9197	0.2409	-6.4039	-1.2622	-0.0352
8	4	2020.9206	0.2323	-10.8306	-2.1331	-0.0335
8	5	2020.9202	0.1723	-8.6392	-1.7024	-0.0245
8	6	2020.921	0.1637	-13.0659	-2.5733	-0.0229
8	7	2020.9202	0.2462	-8.6392	-1.7024	-0.0362
8	8	2020.921	0.2376	-13.0659	-2.5733	-0.0346
8	9	2020.9197	-0.0727	-6.404	-1.2622	0.0021
8	10	2020.9206	-0.0813	-10.8307	-2.1331	0.0038
8	11	2020.9197	0.0011	-6.404	-1.2622	-0.0096
8	12	2020.9206	-0.0075	-10.8307	-2.1331	-0.0079
8	13	2020.9202	-0.0674	-8.6392	-1.7024	0.0011
8	14	2020.921	-0.076	-13.0659	-2.5733	0.0027
8	15	2020.9202	0.0065	-8.6392	-1.7024	-0.0106
8	16	2020.921	-0.0021	-13.0659	-2.5733	-0.0089

8	17	2020.9197	0.0021	-6.4008	-1.2616	0.009
8	18	2020.9206	-0.0065	-10.8275	-2.1325	0.0106
8	19	2020.9197	0.076	-6.4008	-1.2616	-0.0027
8	20	2020.9206	0.0674	-10.8275	-2.1325	-0.0011
8	21	2020.9202	0.0074	-8.6361	-1.7018	0.0079
8	22	2020.921	-0.0012	-13.0628	-2.5727	0.0096
8	23	2020.9202	0.0813	-8.6361	-1.7018	-0.0038
8	24	2020.921	0.0727	-13.0628	-2.5727	-0.0021
8	25	2020.9197	-0.2376	-6.4009	-1.2616	0.0346
8	26	2020.9206	-0.2462	-10.8276	-2.1325	0.0362
8	27	2020.9197	-0.1638	-6.4009	-1.2616	0.0229
8	28	2020.9206	-0.1724	-10.8276	-2.1325	0.0245
8	29	2020.9202	-0.2323	-8.6361	-1.7018	0.0335
8	30	2020.921	-0.2409	-13.0628	-2.5727	0.0352
8	31	2020.9202	-0.1585	-8.6361	-1.7018	0.0218
8	32	2020.921	-0.167	-13.0628	-2.5727	0.0235
9	1	2026.7036	-25.7368	-7.78	-1.4926	4.9291
9	2	2026.7047	-25.7464	-13.0711	-2.5052	4.9309
9	3	2026.7036	-25.7123	-7.78	-1.4926	4.9271
9	4	2026.7047	-25.722	-13.0711	-2.5052	4.9289
9	5	2026.704	-25.7334	-9.5523	-1.8311	4.9284
9	6	2026.705	-25.7431	-14.8434	-2.8437	4.9303
9	7	2026.704	-25.7089	-9.5523	-1.8311	4.9264
9	8	2026.705	-25.7186	-14.8434	-2.8437	4.9283
9	9	2026.7036	25.8222	-7.78	-1.4926	-4.9481
9	10	2026.7047	25.8125	-13.0712	-2.5052	-4.9462
9	11	2026.7036	25.8467	-7.78	-1.4926	-4.9501
9	12	2026.7047	25.837	-13.0712	-2.5052	-4.9482
9	13	2026.704	25.8255	-9.5523	-1.8311	-4.9487
9	14	2026.705	25.8159	-14.8435	-2.8437	-4.9468
9	15	2026.704	25.85	-9.5523	-1.8311	-4.9507
9	16	2026.705	25.8403	-14.8435	-2.8437	-4.9489
9	17	2026.7036	-25.8404	-7.7775	-1.4921	4.9489
9	18	2026.7047	-25.85	-13.0687	-2.5047	4.9507
9	19	2026.7036	-25.8159	-7.7775	-1.4921	4.9468
9	20	2026.7047	-25.8256	-13.0687	-2.5047	4.9487
9	21	2026.704	-25.837	-9.5498	-1.8307	4.9482
9	22	2026.705	-25.8467	-14.841	-2.8432	4.9501
9	23	2026.704	-25.8125	-9.5498	-1.8307	4.9462
9	24	2026.705	-25.8222	-14.841	-2.8432	4.9481
9	25	2026.7036	25.7186	-7.7775	-1.4921	-4.9283
9	26	2026.7047	25.7089	-13.0687	-2.5047	-4.9264
9	27	2026.7036	25.7431	-7.7775	-1.4921	-4.9303
9	28	2026.7047	25.7334	-13.0687	-2.5047	-4.9284
9	29	2026.704	25.722	-9.5498	-1.8307	-4.9289
9	30	2026.705	25.7123	-14.841	-2.8432	-4.927
9	31	2026.704	25.7464	-9.5498	-1.8307	-4.9309
9	32	2026.705	25.7367	-14.841	-2.8432	-4.9291
10	1	2026.693	-51.1992	-9.6185	-1.8404	9.8115
10	2	2026.6942	-51.2136	-16.076	-3.0745	9.8143
10	3	2026.693	-51.2217	-9.6185	-1.8404	9.8186
10	4	2026.6942	-51.236	-16.076	-3.0745	9.8213
10	5	2026.6933	-51.1972	-11.0577	-2.1158	9.8111
10	6	2026.6945	-51.2115	-17.5152	-3.3498	9.8139
10	7	2026.6933	-51.2196	-11.0577	-2.1158	9.8182
10	8	2026.6945	-51.234	-17.5152	-3.3498	9.8209
10	9	2026.693	51.2971	-9.6185	-1.8404	-9.833
10	10	2026.6942	51.2828	-16.076	-3.0745	-9.8302
10	11	2026.693	51.2747	-9.6185	-1.8404	-9.8259
10	12	2026.6942	51.2603	-16.076	-3.0745	-9.8232
10	13	2026.6933	51.2992	-11.0577	-2.1158	-9.8334
10	14	2026.6945	51.2848	-17.5152	-3.3498	-9.8306
10	15	2026.6933	51.2767	-11.0577	-2.1158	-9.8263
10	16	2026.6945	51.2623	-17.5152	-3.3498	-9.8236
10	17	2026.693	-51.2624	-9.6165	-1.84	9.8236
10	18	2026.6942	-51.2767	-16.074	-3.0741	9.8263
10	19	2026.693	-51.2848	-9.6165	-1.84	9.8306
10	20	2026.6942	-51.2992	-16.074	-3.0741	9.8334
10	21	2026.6933	-51.2603	-11.0557	-2.1154	9.8232
10	22	2026.6945	-51.2747	-17.5132	-3.3494	9.8259

10	23	2026.6933	-51.2828	-11.0557	-2.1154	9.8302
10	24	2026.6945	-51.2971	-17.5132	-3.3494	9.833
10	25	2026.693	51.234	-9.6165	-1.84	-9.8209
10	26	2026.6942	51.2196	-16.074	-3.0741	-9.8182
10	27	2026.693	51.2115	-9.6165	-1.84	-9.8139
10	28	2026.6942	51.1972	-16.074	-3.0741	-9.8111
10	29	2026.6933	51.236	-11.0558	-2.1154	-9.8213
10	30	2026.6945	51.2217	-17.5132	-3.3494	-9.8186
10	31	2026.6933	51.2136	-11.0558	-2.1154	-9.8143
10	32	2026.6945	51.1992	-17.5132	-3.3494	-9.8115
11	1	1999.7661	-67.8207	-14.0543	-3.1087	15.0699
11	2	1999.7682	-67.8413	-23.4232	-5.1782	15.0745
11	3	1999.7661	-67.89	-14.0543	-3.1087	15.0883
11	4	1999.7682	-67.9106	-23.4232	-5.1782	15.0928
11	5	1999.7664	-67.8196	-15.4277	-3.4116	15.0697
11	6	1999.7685	-67.8402	-24.7966	-5.481	15.0743
11	7	1999.7664	-67.8889	-15.4277	-3.4116	15.088
11	8	1999.7685	-67.9095	-24.7966	-5.481	15.0926
11	9	1999.7661	67.9437	-14.0544	-3.1087	-15.1001
11	10	1999.7682	67.923	-23.4233	-5.1782	-15.0956
11	11	1999.7661	67.8743	-14.0544	-3.1087	-15.0818
11	12	1999.7682	67.8537	-23.4233	-5.1782	-15.0772
11	13	1999.7664	67.9448	-15.4277	-3.4116	-15.1004
11	14	1999.7685	67.9241	-24.7966	-5.4811	-15.0958
11	15	1999.7664	67.8754	-15.4277	-3.4116	-15.082
11	16	1999.7685	67.8548	-24.7966	-5.4811	-15.0775
11	17	1999.7661	-67.8548	-14.0524	-3.1083	15.0775
11	18	1999.7682	-67.8754	-23.4213	-5.1778	15.082
11	19	1999.7661	-67.9241	-14.0524	-3.1083	15.0958
11	20	1999.7682	-67.9448	-23.4213	-5.1778	15.1004
11	21	1999.7664	-67.8537	-15.4258	-3.4111	15.0772
11	22	1999.7685	-67.8743	-24.7947	-5.4806	15.0818
11	23	1999.7664	-67.923	-15.4258	-3.4111	15.0956
11	24	1999.7685	-67.9437	-24.7947	-5.4806	15.1001
11	25	1999.7661	67.9095	-14.0525	-3.1083	-15.0926
11	26	1999.7682	67.8889	-23.4214	-5.1778	-15.088
11	27	1999.7661	67.8402	-14.0525	-3.1083	-15.0743
11	28	1999.7682	67.8196	-23.4214	-5.1778	-15.0697
11	29	1999.7664	67.9106	-15.4258	-3.4112	-15.0928
11	30	1999.7685	67.89	-24.7947	-5.4806	-15.0883
11	31	1999.7664	67.8413	-15.4258	-3.4112	-15.0745
11	32	1999.7685	67.8207	-24.7947	-5.4806	-15.0699
12	1	2032.4664	-105.6046	-13.6759	-2.5429	19.675
12	2	2032.4681	-105.6437	-22.7443	-4.2276	19.6823
12	3	2032.4664	-105.7691	-13.6759	-2.5429	19.7083
12	4	2032.4681	-105.8082	-22.7443	-4.2276	19.7155
12	5	2032.4665	-105.6038	-14.5312	-2.702	19.6749
12	6	2032.4682	-105.6429	-23.5996	-4.3867	19.6821
12	7	2032.4665	-105.7684	-14.5312	-2.702	19.7081
12	8	2032.4682	-105.8075	-23.5996	-4.3867	19.7154
12	9	2032.4664	105.8317	-13.6759	-2.5429	-19.7199
12	10	2032.4681	105.7926	-22.7443	-4.2276	-19.7126
12	11	2032.4664	105.6672	-13.6759	-2.5429	-19.6866
12	12	2032.4681	105.6281	-22.7443	-4.2276	-19.6794
12	13	2032.4665	105.8325	-14.5312	-2.702	-19.72
12	14	2032.4682	105.7934	-23.5997	-4.3867	-19.7128
12	15	2032.4665	105.6679	-14.5312	-2.702	-19.6868
12	16	2032.4682	105.6288	-23.5997	-4.3867	-19.6795
12	17	2032.4664	-105.6288	-13.6747	-2.5427	19.6795
12	18	2032.4681	-105.6679	-22.7431	-4.2274	19.6868
12	19	2032.4664	-105.7934	-13.6747	-2.5427	19.7128
12	20	2032.4681	-105.8325	-22.7431	-4.2274	19.72
12	21	2032.4665	-105.6281	-14.53	-2.7018	19.6794
12	22	2032.4682	-105.6672	-23.5985	-4.3865	19.6866
12	23	2032.4665	-105.7926	-14.53	-2.7018	19.7126
12	24	2032.4682	-105.8317	-23.5985	-4.3865	19.7199
12	25	2032.4664	105.8075	-13.6747	-2.5427	-19.7154
12	26	2032.4681	105.7684	-22.7432	-4.2274	-19.7081
12	27	2032.4664	105.6429	-13.6747	-2.5427	-19.6821
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12	29	2032.4665	105.8082	-14.53	-2.7018	-19.7155
12	30	2032.4682	105.7691	-23.5985	-4.3865	-19.7083
12	31	2032.4665	105.6437	-14.53	-2.7018	-19.6823
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13	1	2017.0847	-123.0805	-18.1363	-3.6482	24.9028
13	2	2017.0871	-123.1402	-30.1263	-6.0574	24.9148
13	3	2017.0847	-123.3516	-18.1363	-3.6482	24.96
13	4	2017.0871	-123.4113	-30.1263	-6.0574	24.972
13	5	2017.0848	-123.08	-18.8323	-3.7877	24.9027
13	6	2017.0872	-123.1398	-30.8223	-6.197	24.9147
13	7	2017.0848	-123.3511	-18.8323	-3.7877	24.9599
13	8	2017.0872	-123.4109	-30.8223	-6.197	24.9719
13	9	2017.0847	123.4252	-18.1363	-3.6482	-24.9748
13	10	2017.0871	123.3654	-30.1264	-6.0574	-24.9628
13	11	2017.0847	123.1541	-18.1363	-3.6482	-24.9175
13	12	2017.0871	123.0943	-30.1264	-6.0574	-24.9056
13	13	2017.0848	123.4256	-18.8323	-3.7877	-24.9749
13	14	2017.0872	123.3659	-30.8223	-6.197	-24.9629
13	15	2017.0848	123.1545	-18.8323	-3.7877	-24.9176
13	16	2017.0872	123.0948	-30.8223	-6.197	-24.9056
13	17	2017.0847	-123.0948	-18.1353	-3.648	24.9056
13	18	2017.0871	-123.1545	-30.1254	-6.0572	24.9176
13	19	2017.0847	-123.3659	-18.1353	-3.648	24.9629
13	20	2017.0871	-123.4256	-30.1254	-6.0572	24.9749
13	21	2017.0848	-123.0943	-18.8313	-3.7875	24.9056
13	22	2017.0872	-123.1541	-30.8213	-6.1968	24.9175
13	23	2017.0848	-123.3654	-18.8313	-3.7875	24.9628
13	24	2017.0872	-123.4252	-30.8213	-6.1968	24.9748
13	25	2017.0847	123.4109	-18.1353	-3.648	-24.9719
13	26	2017.0871	123.3511	-30.1254	-6.0573	-24.9599
13	27	2017.0847	123.1398	-18.1353	-3.648	-24.9147
13	28	2017.0871	123.08	-30.1254	-6.0573	-24.9027
13	29	2017.0848	123.4113	-18.8313	-3.7875	-24.972
13	30	2017.0872	123.3516	-30.8214	-6.1968	-24.96
13	31	2017.0848	123.1402	-18.8313	-3.7875	-24.9148
13	32	2017.0872	123.0805	-30.8214	-6.1968	-24.9028
14	1	2005.5297	-137.4435	-23.5017	-5.0222	29.5963
14	2	2005.533	-137.5332	-38.9882	-8.3299	29.6155
14	3	2005.5297	-137.8704	-23.5017	-5.0222	29.6906
14	4	2005.533	-137.9602	-38.9882	-8.3299	29.7098
14	5	2005.5298	-137.4432	-24.0078	-5.1304	29.5963
14	6	2005.5331	-137.5329	-39.4942	-8.4381	29.6155
14	7	2005.5298	-137.8702	-24.0078	-5.1304	29.6906
14	8	2005.5331	-137.9599	-39.4942	-8.4381	29.7098
14	9	2005.5297	137.9686	-23.5017	-5.0222	-29.7116
14	10	2005.533	137.8789	-38.9882	-8.3299	-29.6924
14	11	2005.5297	137.5416	-23.5017	-5.0222	-29.6173
14	12	2005.533	137.4519	-38.9882	-8.3299	-29.5981
14	13	2005.5298	137.9689	-24.0078	-5.1305	-29.7117
14	14	2005.5331	137.8791	-39.4942	-8.4381	-29.6925
14	15	2005.5298	137.5419	-24.0078	-5.1305	-29.6174
14	16	2005.5331	137.4522	-39.4942	-8.4381	-29.5982
14	17	2005.5297	-137.4522	-23.501	-5.0221	29.5982
14	18	2005.533	-137.5419	-38.9875	-8.3297	29.6174
14	19	2005.5297	-137.8791	-23.501	-5.0221	29.6925
14	20	2005.533	-137.9689	-38.9875	-8.3297	29.7117
14	21	2005.5298	-137.4519	-24.0071	-5.1303	29.5981
14	22	2005.5331	-137.5416	-39.4935	-8.438	29.6173
14	23	2005.5298	-137.8789	-24.0071	-5.1303	29.6924
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14	25	2005.5297	137.9599	-23.501	-5.0221	-29.7098
14	26	2005.533	137.8702	-38.9875	-8.3297	-29.6906
14	27	2005.5297	137.5329	-23.501	-5.0221	-29.6155
14	28	2005.533	137.4432	-38.9875	-8.3297	-29.5963
14	29	2005.5298	137.9602	-24.0071	-5.1303	-29.7098
14	30	2005.5331	137.8704	-39.4935	-8.438	-29.6906
14	31	2005.5298	137.5332	-24.0071	-5.1303	-29.6155
14	32	2005.5331	137.4435	-39.4935	-8.438	-29.5963
15	1	1967.0615	-124.8375	-37.9367	-10.3186	34.1781
15	2	1967.0683	-124.8644	-62.8956	-17.1039	34.1984

15	3	1967.0615	-125.4003	-37.9367	-10.3186	34.3346
15	4	1967.0683	-125.4271	-62.8956	-17.1039	34.3549
15	5	1967.0616	-124.8374	-38.3074	-10.4191	34.178
15	6	1967.0684	-124.8642	-63.2663	-17.2044	34.1984
15	7	1967.0616	-125.4001	-38.3074	-10.4191	34.3346
15	8	1967.0684	-125.427	-63.2663	-17.2044	34.3549
15	9	1967.0615	125.4319	-37.9367	-10.3186	-34.3562
15	10	1967.0683	125.4051	-62.8956	-17.1039	-34.3359
15	11	1967.0615	124.8692	-37.9367	-10.3186	-34.1997
15	12	1967.0683	124.8423	-62.8956	-17.1039	-34.1794
15	13	1967.0616	125.4321	-38.3074	-10.4191	-34.3563
15	14	1967.0684	125.4052	-63.2663	-17.2044	-34.3359
15	15	1967.0616	124.8694	-38.3074	-10.4191	-34.1998
15	16	1967.0684	124.8425	-63.2663	-17.2044	-34.1794
15	17	1967.0615	-124.8425	-37.9362	-10.3185	34.1794
15	18	1967.0683	-124.8694	-62.8951	-17.1038	34.1998
15	19	1967.0615	-125.4052	-37.9362	-10.3185	34.3359
15	20	1967.0683	-125.4321	-62.8951	-17.1038	34.3563
15	21	1967.0616	-124.8423	-38.3068	-10.4189	34.1794
15	22	1967.0684	-124.8692	-63.2658	-17.2042	34.1997
15	23	1967.0616	-125.4051	-38.3068	-10.4189	34.3359
15	24	1967.0684	-125.4319	-63.2658	-17.2042	34.3562
15	25	1967.0615	125.427	-37.9362	-10.3185	-34.3549
15	26	1967.0683	125.4001	-62.8951	-17.1038	-34.3346
15	27	1967.0615	124.8642	-37.9362	-10.3185	-34.1984
15	28	1967.0683	124.8374	-62.8951	-17.1038	-34.178
15	29	1967.0616	125.4271	-38.3068	-10.4189	-34.3549
15	30	1967.0684	125.4003	-63.2658	-17.2042	-34.3346
15	31	1967.0616	124.8644	-38.3068	-10.4189	-34.1984
15	32	1967.0684	124.8375	-63.2658	-17.2042	-34.1781

- 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	1934.3148	43.9464	69.4894	24.5344	-17.9306
1	2	1934.3144	46.8301	70.4845	24.8866	-18.7819
1	3	1934.3148	-136.3818	69.4958	24.5366	46.2523
1	4	1934.3144	-133.4981	70.4909	24.8888	45.4009
1	5	1934.3149	133.6463	69.0561	24.381	-45.5078
1	6	1934.3146	136.5301	70.0512	24.7332	-46.3592
1	7	1934.3149	-46.6819	69.0625	24.3833	18.675
1	8	1934.3146	-43.7981	70.0576	24.7355	17.8237
1	9	1934.3148	44.2787	69.4889	24.5342	-17.992
1	10	1934.3144	47.1624	70.484	24.8864	-18.8433
1	11	1934.3148	-136.0495	69.4953	24.5365	46.1908
1	12	1934.3144	-133.1658	70.4904	24.8887	45.3395
1	13	1934.3149	133.9786	69.0556	24.3808	-45.5692
1	14	1934.3146	136.8624	70.0507	24.733	-46.4206
1	15	1934.3149	-46.3496	69.062	24.3831	18.6136
1	16	1934.3146	-43.4658	70.0571	24.7353	17.7623
1	17	1934.3385	43.4656	2.57	0.8491	-17.7622
1	18	1934.3381	46.3494	3.5651	1.2013	-18.6136
1	19	1934.3385	-136.8626	2.5764	0.8514	46.4206
1	20	1934.3381	-133.9788	3.5715	1.2036	45.5693
1	21	1934.3386	133.1656	2.1367	0.6957	-45.3394
1	22	1934.3383	136.0494	3.1318	1.0479	-46.1908
1	23	1934.3386	-47.1626	2.1431	0.698	18.8434
1	24	1934.3383	-44.2788	3.1382	1.0502	17.992
1	25	1934.3385	43.7979	2.5695	0.8489	-17.8236
1	26	1934.3381	46.6817	3.5646	1.2011	-18.675
1	27	1934.3385	-136.5303	2.5759	0.8512	46.3592
1	28	1934.3381	-133.6465	3.571	1.2034	45.5079
1	29	1934.3386	133.4979	2.1362	0.6955	-45.4009
1	30	1934.3383	136.3817	3.1313	1.0477	-46.2522
1	31	1934.3386	-46.8303	2.1426	0.6978	18.782

1	32	1934.3383	-43.9465	3.1377	1.05	17.9306
2	1	1790.5219	-4116.239	56.6688	49.5388	858.356
2	2	2221.1062	-3916.3927	10.771	-35.2333	860.8885
2	3	1790.5219	-4399.0161	56.6753	49.5402	919.1996
2	4	2221.1062	-4199.1698	10.7776	-35.2319	921.7321
2	5	1790.521	4198.7091	56.2263	49.4445	-921.5834
2	6	2221.1053	4398.5554	10.3285	-35.3276	-919.0508
2	7	1790.521	3915.9321	56.2329	49.4459	-860.7398
2	8	2221.1053	4115.7783	10.3351	-35.3262	-858.2072
2	9	1790.5219	-4112.6688	56.6682	49.5387	857.5572
2	10	2221.1062	-3912.8225	10.7705	-35.2334	860.0897
2	11	1790.5219	-4395.4458	56.6748	49.5401	918.4008
2	12	2221.1062	-4195.5996	10.777	-35.232	920.9333
2	13	1790.521	4202.2794	56.2258	49.4444	-922.3822
2	14	2221.1053	4402.1256	10.328	-35.3277	-919.8496
2	15	1790.521	3919.5023	56.2323	49.4458	-861.5386
2	16	2221.1053	4119.3486	10.3346	-35.3263	-859.006
2	17	1789.7684	-4119.3649	-11.6366	35.0941	859.0095
2	18	2220.3527	-3919.5186	-57.5344	-49.678	861.5421
2	19	1789.7684	-4402.142	-11.63	35.0955	919.8531
2	20	2220.3527	-4202.2957	-57.5278	-49.6766	922.3857
2	21	1789.7675	4195.5832	-12.0791	34.9999	-920.9299
2	22	2220.3518	4395.4295	-57.9768	-49.7722	-918.3973
2	23	1789.7675	3912.8062	-12.0725	35.0013	-860.0862
2	24	2220.3518	4112.6524	-57.9703	-49.7708	-857.5537
2	25	1789.7684	-4115.7947	-11.6371	35.094	858.2107
2	26	2220.3527	-3915.9484	-57.5349	-49.6781	860.7433
2	27	1789.7684	-4398.5717	-11.6306	35.0954	919.0543
2	28	2220.3527	-4198.7255	-57.5283	-49.6767	921.5869
2	29	1789.7675	4199.1535	-12.0796	34.9998	-921.7286
2	30	2220.3518	4398.9997	-57.9774	-49.7723	-919.1961
2	31	1789.7675	3916.3764	-12.0731	35.0012	-860.885
2	32	2220.3518	4116.2227	-57.9708	-49.7709	-858.3525
3	1	1947.327	-172.7618	23.4245	-5.1279	28.3845
3	2	2063.1575	-101.3836	33.3964	17.1481	27.0308
3	3	1947.327	-360.4421	23.4244	-5.128	68.7502
3	4	2063.1575	-289.0639	33.3963	17.1481	67.3965
3	5	1947.3265	281.3319	23.4324	-5.1263	-65.7505
3	6	2063.1571	352.7101	33.4043	17.1497	-67.1041
3	7	1947.3265	93.6517	23.4323	-5.1264	-25.3848
3	8	2063.1571	165.0298	33.4042	17.1497	-26.7385
3	9	1947.327	-167.3411	23.4246	-5.1279	27.229
3	10	2063.1575	-95.963	33.3964	17.1481	25.8753
3	11	1947.327	-355.0214	23.4244	-5.128	67.5946
3	12	2063.1575	-283.6432	33.3963	17.1481	66.2409
3	13	1947.3265	286.7526	23.4324	-5.1263	-66.906
3	14	2063.1571	358.1308	33.4043	17.1497	-68.2597
3	15	1947.3265	99.0723	23.4323	-5.1264	-26.5404
3	16	2063.1571	170.4505	33.4042	17.1497	-27.894
3	17	1947.8432	-170.434	-39.9407	-18.5689	27.8905
3	18	2063.6738	-99.0558	-29.9688	3.7072	26.5368
3	19	1947.8432	-358.1143	-39.9408	-18.5689	68.2562
3	20	2063.6738	-286.7361	-29.9689	3.7071	66.9025
3	21	1947.8428	283.6597	-39.9329	-18.5673	-66.2445
3	22	2063.6734	355.0379	-29.961	3.7088	-67.5981
3	23	1947.8428	95.9794	-39.933	-18.5673	-25.8788
3	24	2063.6734	167.3576	-29.9611	3.7087	-27.2325
3	25	1947.8432	-165.0133	-39.9407	-18.5689	26.735
3	26	2063.6738	-93.6352	-29.9688	3.7072	25.3813
3	27	1947.8432	-352.6936	-39.9408	-18.5689	67.1006
3	28	2063.6738	-281.3155	-29.9689	3.7071	65.7469
3	29	1947.8428	289.0804	-39.9328	-18.5673	-67.4
3	30	2063.6734	360.4586	-29.961	3.7088	-68.7537
3	31	1947.8428	101.4001	-39.933	-18.5673	-27.0344
3	32	2063.6734	172.7783	-29.9611	3.7087	-28.3881
4	1	2017.0655	84.1287	22.6307	4.5442	-17.1164
4	2	2017.0663	85.7386	18.3927	3.6941	-17.4075
4	3	2017.0655	-100.5482	22.6306	4.5442	20.2241
4	4	2017.0663	-98.9383	18.3927	3.6941	19.9329
4	5	2017.0655	92.2707	22.6368	4.5455	-18.6235

4	6	2017.0663	93.8806	18.3989	3.6954	-18.9147
4	7	2017.0655	-92.4062	22.6367	4.5454	18.7169
4	8	2017.0663	-90.7963	18.3988	3.6953	18.4258
4	9	2017.0655	90.3726	22.6307	4.5442	-18.3412
4	10	2017.0663	91.9825	18.3928	3.6941	-18.6323
4	11	2017.0655	-94.3043	22.6306	4.5442	18.9993
4	12	2017.0663	-92.6945	18.3927	3.6941	18.7081
4	13	2017.0655	98.5146	22.6368	4.5455	-19.8483
4	14	2017.0663	100.1244	18.3989	3.6954	-20.1394
4	15	2017.0655	-86.1624	22.6367	4.5454	17.4921
4	16	2017.0663	-84.5525	18.3988	3.6953	17.201
4	17	2017.0754	84.5527	-26.6012	-5.3461	-17.201
4	18	2017.0762	86.1625	-30.8391	-6.1962	-17.4921
4	19	2017.0754	-100.1243	-26.6013	-5.3462	20.1394
4	20	2017.0762	-98.5144	-30.8392	-6.1963	19.8483
4	21	2017.0754	92.6946	-26.5951	-5.3449	-18.7082
4	22	2017.0762	94.3045	-30.833	-6.195	-18.9993
4	23	2017.0754	-91.9823	-26.5951	-5.3449	18.6323
4	24	2017.0762	-90.3724	-30.8331	-6.195	18.3411
4	25	2017.0754	90.7965	-26.6012	-5.3461	-18.4258
4	26	2017.0762	92.4064	-30.8391	-6.1962	-18.7169
4	27	2017.0754	-93.8804	-26.6013	-5.3462	18.9146
4	28	2017.0762	-92.2705	-30.8392	-6.1963	18.6235
4	29	2017.0754	98.9385	-26.595	-5.3449	-19.933
4	30	2017.0762	100.5484	-30.833	-6.195	-20.2241
4	31	2017.0754	-85.7384	-26.5951	-5.3449	17.4075
4	32	2017.0762	-84.1286	-30.8331	-6.195	17.1164
5	1	2032.4717	72.642	16.7041	3.0979	-13.5492
5	2	2032.4728	72.5766	11.0903	2.0527	-13.5367
5	3	2032.4717	-76.4839	16.704	3.0978	14.2336
5	4	2032.4728	-76.5493	11.0902	2.0527	14.2461
5	5	2032.4717	72.1472	16.7087	3.0987	-13.4548
5	6	2032.4728	72.0819	11.0949	2.0536	-13.4423
5	7	2032.4717	-76.9787	16.7087	3.0987	14.328
5	8	2032.4728	-77.0441	11.0949	2.0536	14.3405
5	9	2032.4717	76.7885	16.7041	3.0979	-14.293
5	10	2032.4728	76.7232	11.0903	2.0527	-14.2805
5	11	2032.4717	-72.3374	16.704	3.0978	13.4898
5	12	2032.4728	-72.4028	11.0902	2.0527	13.5023
5	13	2032.4717	76.2938	16.7087	3.0987	-14.1986
5	14	2032.4728	76.2284	11.0949	2.0536	-14.1861
5	15	2032.4717	-72.8322	16.7087	3.0987	13.5842
5	16	2032.4728	-72.8976	11.0949	2.0536	13.5967
5	17	2032.4787	72.8975	-20.6488	-3.8384	-13.5967
5	18	2032.4797	72.8321	-26.2626	-4.8835	-13.5842
5	19	2032.4787	-76.2285	-20.6489	-3.8384	14.1861
5	20	2032.4797	-76.2939	-26.2627	-4.8835	14.1986
5	21	2032.4787	72.4027	-20.6442	-3.8375	-13.5023
5	22	2032.4797	72.3373	-26.258	-4.8826	-13.4897
5	23	2032.4787	-76.7233	-20.6442	-3.8375	14.2806
5	24	2032.4797	-76.7886	-26.258	-4.8827	14.2931
5	25	2032.4787	77.044	-20.6488	-3.8384	-14.3405
5	26	2032.4797	76.9786	-26.2626	-4.8835	-14.328
5	27	2032.4787	-72.082	-20.6489	-3.8384	13.4423
5	28	2032.4797	-72.1473	-26.2627	-4.8835	13.4548
5	29	2032.4787	76.5492	-20.6442	-3.8375	-14.2461
5	30	2032.4797	76.4838	-26.258	-4.8826	-14.2336
5	31	2032.4787	-72.5767	-20.6442	-3.8375	13.5367
5	32	2032.4797	-72.6421	-26.258	-4.8826	13.5492
6	1	1999.7483	41.6025	16.7026	3.6863	-9.2483
6	2	1999.7504	41.5506	7.1218	1.5727	-9.2369
6	3	1999.7483	-43.5185	16.7025	3.6863	9.6378
6	4	1999.7504	-43.5705	7.1217	1.5727	9.6493
6	5	1999.7483	41.2327	16.7074	3.6874	-9.1667
6	6	1999.7504	41.1808	7.1266	1.5738	-9.1552
6	7	1999.7483	-43.8884	16.7074	3.6874	9.7194
6	8	1999.7504	-43.9403	7.1265	1.5738	9.7309
6	9	1999.7483	43.8062	16.7026	3.6863	-9.7013
6	10	1999.7504	43.7543	7.1218	1.5727	-9.6899
6	11	1999.7483	-41.3148	16.7025	3.6863	9.1848

6	12	1999.7504	-41.3668	7.1217	1.5727	9.1963
6	13	1999.7483	43.4364	16.7074	3.6874	-9.6197
6	14	1999.7504	43.3845	7.1266	1.5738	-9.6082
6	15	1999.7483	-41.6847	16.7074	3.6874	9.2664
6	16	1999.7504	-41.7366	7.1265	1.5738	9.2779
6	17	1999.7569	41.7366	-22.0857	-4.8798	-9.2779
6	18	1999.759	41.6846	-31.6665	-6.9934	-9.2664
6	19	1999.7569	-43.3845	-22.0857	-4.8798	9.6082
6	20	1999.759	-43.4365	-31.6666	-6.9934	9.6197
6	21	1999.7569	41.3667	-22.0808	-4.8787	-9.1963
6	22	1999.759	41.3148	-31.6617	-6.9923	-9.1848
6	23	1999.7569	-43.7543	-22.0809	-4.8787	9.6899
6	24	1999.759	-43.8063	-31.6617	-6.9923	9.7013
6	25	1999.7569	43.9403	-22.0857	-4.8798	-9.7309
6	26	1999.759	43.8883	-31.6665	-6.9934	-9.7194
6	27	1999.7569	-41.1808	-22.0857	-4.8798	9.1552
6	28	1999.759	-41.2328	-31.6666	-6.9934	9.1667
6	29	1999.7569	43.5704	-22.0808	-4.8787	-9.6492
6	30	1999.759	43.5185	-31.6617	-6.9923	-9.6378
6	31	1999.7569	-41.5506	-22.0809	-4.8787	9.2369
6	32	1999.759	-41.6026	-31.6617	-6.9923	9.2483
7	1	2017.0787	22.4551	11.7347	2.3498	-4.5478
7	2	2017.0809	22.4193	0.5874	0.1091	-4.5406
7	3	2017.0787	-23.656	11.7346	2.3497	4.7599
7	4	2017.0809	-23.6917	0.5873	0.1091	4.7671
7	5	2017.0787	22.2087	11.7383	2.3505	-4.4983
7	6	2017.0809	22.173	0.5909	0.1098	-4.4911
7	7	2017.0787	-23.9023	11.7382	2.3505	4.8093
7	8	2017.0809	-23.9381	0.5909	0.1098	4.8165
7	9	2017.0787	23.8499	11.7347	2.3498	-4.7988
7	10	2017.0809	23.8142	0.5874	0.1091	-4.7917
7	11	2017.0787	-22.2611	11.7347	2.3498	4.5088
7	12	2017.0809	-22.2969	0.5873	0.1091	4.516
7	13	2017.0787	23.6036	11.7383	2.3505	-4.7494
7	14	2017.0809	23.5678	0.5909	0.1098	-4.7422
7	15	2017.0787	-22.5075	11.7382	2.3505	4.5583
7	16	2017.0809	-22.5432	0.5909	0.1098	4.5655
7	17	2017.0844	22.5432	-16.9381	-3.4026	-4.5654
7	18	2017.0867	22.5074	-28.0855	-5.6433	-4.5583
7	19	2017.0844	-23.5679	-16.9382	-3.4026	4.7422
7	20	2017.0867	-23.6036	-28.0855	-5.6433	4.7494
7	21	2017.0844	22.2968	-16.9346	-3.4019	-4.516
7	22	2017.0867	22.2611	-28.0819	-5.6426	-4.5088
7	23	2017.0844	-23.8142	-16.9346	-3.4019	4.7917
7	24	2017.0867	-23.8499	-28.082	-5.6426	4.7988
7	25	2017.0844	23.938	-16.9381	-3.4026	-4.8165
7	26	2017.0867	23.9023	-28.0855	-5.6433	-4.8093
7	27	2017.0844	-22.173	-16.9382	-3.4026	4.4911
7	28	2017.0867	-22.2087	-28.0855	-5.6433	4.4983
7	29	2017.0844	23.6917	-16.9346	-3.4019	-4.7671
7	30	2017.0867	23.6559	-28.0819	-5.6426	-4.7599
7	31	2017.0844	-22.4194	-16.9346	-3.4019	4.5406
7	32	2017.0867	-22.4551	-28.082	-5.6426	4.5478
8	1	2020.9167	-0.2085	8.7713	1.7255	0.0364
8	2	2020.9195	-0.2353	-5.023	-0.9882	0.0417
8	3	2020.9167	-0.4326	8.7712	1.7255	0.0603
8	4	2020.9195	-0.4594	-5.023	-0.9883	0.0656
8	5	2020.9167	-0.3627	8.7741	1.7261	0.0668
8	6	2020.9195	-0.3895	-5.0201	-0.9877	0.072
8	7	2020.9167	-0.5868	8.7741	1.7261	0.0907
8	8	2020.9195	-0.6136	-5.0201	-0.9877	0.096
8	9	2020.9167	0.5584	8.7713	1.7255	-0.0851
8	10	2020.9195	0.5316	-5.023	-0.9882	-0.0798
8	11	2020.9167	0.3343	8.7712	1.7255	-0.0612
8	12	2020.9195	0.3075	-5.023	-0.9883	-0.0559
8	13	2020.9167	0.4043	8.7741	1.7261	-0.0548
8	14	2020.9195	0.3775	-5.0201	-0.9877	-0.0495
8	15	2020.9167	0.1802	8.7741	1.7261	-0.0308
8	16	2020.9195	0.1534	-5.0201	-0.9877	-0.0256
8	17	2020.9213	-0.1534	-14.4467	-2.8472	0.0256

8	18	2020.924	-0.1802	-28.2409	-5.561	0.0308
8	19	2020.9213	-0.3775	-14.4467	-2.8472	0.0495
8	20	2020.924	-0.4043	-28.2409	-5.561	0.0548
8	21	2020.9213	-0.3076	-14.4438	-2.8466	0.0559
8	22	2020.924	-0.3344	-28.238	-5.5604	0.0612
8	23	2020.9213	-0.5317	-14.4438	-2.8466	0.0798
8	24	2020.924	-0.5585	-28.238	-5.5604	0.0851
8	25	2020.9213	0.6136	-14.4467	-2.8472	-0.096
8	26	2020.924	0.5868	-28.2409	-5.561	-0.0907
8	27	2020.9213	0.3895	-14.4467	-2.8472	-0.072
8	28	2020.924	0.3627	-28.2409	-5.561	-0.0667
8	29	2020.9213	0.4594	-14.4438	-2.8466	-0.0656
8	30	2020.924	0.4326	-28.238	-5.5604	-0.0603
8	31	2020.9213	0.2353	-14.4438	-2.8466	-0.0417
8	32	2020.924	0.2085	-28.238	-5.5604	-0.0364
9	1	2026.701	-24.1807	6.1371	1.1677	4.6185
9	2	2026.7041	-24.2109	-10.351	-1.9876	4.6243
9	3	2026.701	24.0189	6.137	1.1677	-4.6151
9	4	2026.7041	23.9887	-10.3511	-1.9877	-4.6093
9	5	2026.701	-24.2776	6.1394	1.1681	4.637
9	6	2026.7041	-24.3078	-10.3487	-1.9872	4.6428
9	7	2026.701	23.922	6.1393	1.1681	-4.5966
9	8	2026.7041	23.8918	-10.3488	-1.9872	-4.5908
9	9	2026.701	-23.9265	6.1371	1.1677	4.5974
9	10	2026.7041	-23.9567	-10.351	-1.9876	4.6032
9	11	2026.701	24.2731	6.137	1.1677	-4.6361
9	12	2026.7041	24.2429	-10.3511	-1.9877	-4.6304
9	13	2026.701	-24.0233	6.1394	1.1681	4.6159
9	14	2026.7041	-24.0535	-10.3487	-1.9872	4.6217
9	15	2026.701	24.1763	6.1393	1.1681	-4.6176
9	16	2026.7041	24.1461	-10.3488	-1.9872	-4.6119
9	17	2026.7045	-24.1461	-12.2722	-2.3486	4.6119
9	18	2026.7077	-24.1763	-28.7603	-5.504	4.6176
9	19	2026.7045	24.0535	-12.2723	-2.3486	-4.6217
9	20	2026.7077	24.0233	-28.7604	-5.504	-4.6159
9	21	2026.7045	-24.243	-12.2699	-2.3482	4.6304
9	22	2026.7077	-24.2731	-28.758	-5.5035	4.6362
9	23	2026.7045	23.9567	-12.27	-2.3482	-4.6032
9	24	2026.7077	23.9265	-28.7581	-5.5035	-4.5974
9	25	2026.7045	-23.8918	-12.2722	-2.3486	4.5908
9	26	2026.7077	-23.922	-28.7603	-5.504	4.5966
9	27	2026.7045	24.3078	-12.2722	-2.3486	-4.6428
9	28	2026.7077	24.2776	-28.7604	-5.504	-4.637
9	29	2026.7045	-23.9887	-12.2699	-2.3482	4.6093
9	30	2026.7077	-24.0189	-28.758	-5.5035	4.6151
9	31	2026.7045	24.2109	-12.27	-2.3482	-4.6243
9	32	2026.7077	24.1807	-28.7581	-5.5035	-4.6185
10	1	2026.6904	-47.7511	3.9691	0.7577	9.1378
10	2	2026.6942	-47.7958	-16.1534	-3.0878	9.1463
10	3	2026.6904	48.067	3.9691	0.7577	-9.2268
10	4	2026.6942	48.0223	-16.1534	-3.0878	-9.2182
10	5	2026.6904	-47.8101	3.971	0.758	9.1491
10	6	2026.6942	-47.8549	-16.1515	-3.0874	9.1576
10	7	2026.6904	48.008	3.9709	0.758	-9.2155
10	8	2026.6942	47.9632	-16.1515	-3.0874	-9.2069
10	9	2026.6904	-47.9844	3.9691	0.7577	9.211
10	10	2026.6942	-48.0291	-16.1534	-3.0878	9.2195
10	11	2026.6904	47.8337	3.9691	0.7577	-9.1536
10	12	2026.6942	47.789	-16.1534	-3.0878	-9.145
10	13	2026.6904	-48.0434	3.971	0.758	9.2223
10	14	2026.6942	-48.0882	-16.1515	-3.0874	9.2308
10	15	2026.6904	47.7747	3.9709	0.758	-9.1423
10	16	2026.6942	47.7299	-16.1515	-3.0874	-9.1337
10	17	2026.6933	-47.7299	-10.9802	-2.1024	9.1337
10	18	2026.6971	-47.7747	-31.1027	-5.9479	9.1423
10	19	2026.6933	48.0882	-10.9802	-2.1024	-9.2308
10	20	2026.6971	48.0434	-31.1027	-5.9479	-9.2223
10	21	2026.6933	-47.789	-10.9784	-2.1021	9.145
10	22	2026.6971	-47.8337	-31.1008	-5.9475	9.1536
10	23	2026.6933	48.0291	-10.9784	-2.1021	-9.2195

10	24	2026.6971	47.9844	-31.1009	-5.9475	-9.211
10	25	2026.6933	-47.9633	-10.9802	-2.1024	9.2069
10	26	2026.6971	-48.008	-31.1027	-5.9479	9.2155
10	27	2026.6933	47.8549	-10.9802	-2.1024	-9.1576
10	28	2026.6971	47.8101	-31.1027	-5.9479	-9.1491
10	29	2026.6933	-48.0223	-10.9784	-2.1021	9.2182
10	30	2026.6971	-48.0671	-31.1008	-5.9475	9.2268
10	31	2026.6933	47.7958	-10.9784	-2.1021	-9.1463
10	32	2026.6971	47.7511	-31.1008	-5.9475	-9.1378
11	1	1999.7625	-63.0569	2.3047	0.5024	13.9975
11	2	1999.7689	-63.1212	-26.8902	-5.9464	14.0117
11	3	1999.7625	63.8616	2.3047	0.5024	-14.2068
11	4	1999.7689	63.7973	-26.8902	-5.9464	-14.1926
11	5	1999.7625	-63.0887	2.3065	0.5028	14.0046
11	6	1999.7689	-63.1531	-26.8884	-5.946	14.0188
11	7	1999.7625	63.8298	2.3065	0.5028	-14.1997
11	8	1999.7689	63.7654	-26.8884	-5.946	-14.1855
11	9	1999.7625	-63.7768	2.3047	0.5024	14.1881
11	10	1999.7689	-63.8412	-26.8902	-5.9464	14.2023
11	11	1999.7625	63.1417	2.3047	0.5024	-14.0162
11	12	1999.7689	63.0773	-26.8902	-5.9464	-14.002
11	13	1999.7625	-63.8087	2.3065	0.5028	14.1951
11	14	1999.7689	-63.8731	-26.8884	-5.946	14.2093
11	15	1999.7625	63.1098	2.3065	0.5028	-14.0092
11	16	1999.7689	63.0454	-26.8884	-5.946	-13.995
11	17	1999.7656	-63.0454	-11.9606	-2.6434	13.995
11	18	1999.7721	-63.1098	-41.1556	-9.0922	14.0092
11	19	1999.7656	63.8731	-11.9607	-2.6434	-14.2093
11	20	1999.7721	63.8087	-41.1556	-9.0922	-14.1951
11	21	1999.7656	-63.0773	-11.9589	-2.643	14.002
11	22	1999.7721	-63.1417	-41.1538	-9.0918	14.0162
11	23	1999.7656	63.8412	-11.9589	-2.643	-14.2023
11	24	1999.7721	63.7768	-41.1538	-9.0918	-14.1881
11	25	1999.7656	-63.7654	-11.9606	-2.6434	14.1856
11	26	1999.7721	-63.8298	-41.1556	-9.0922	14.1997
11	27	1999.7656	63.1531	-11.9607	-2.6434	-14.0188
11	28	1999.7721	63.0887	-41.1556	-9.0922	-14.0046
11	29	1999.7656	-63.7973	-11.9589	-2.643	14.1926
11	30	1999.7721	-63.8617	-41.1538	-9.0918	14.2068
11	31	1999.7656	63.1212	-11.9589	-2.643	-14.0117
11	32	1999.7721	63.0568	-41.1538	-9.0918	-13.9975
12	1	2032.4638	-97.9073	-0.0663	-0.0136	18.2286
12	2	2032.4691	-98.0291	-28.3249	-5.2634	18.2513
12	3	2032.4638	99.7528	-0.0663	-0.0136	-18.5994
12	4	2032.4691	99.6309	-28.3249	-5.2634	-18.5768
12	5	2032.4638	-97.9299	-0.0652	-0.0134	18.2329
12	6	2032.4691	-98.0517	-28.3238	-5.2632	18.2555
12	7	2032.4638	99.7301	-0.0652	-0.0134	-18.5952
12	8	2032.4691	99.6083	-28.3238	-5.2632	-18.5726
12	9	2032.4638	-99.6164	-0.0663	-0.0136	18.5741
12	10	2032.4691	-99.7382	-28.3249	-5.2634	18.5967
12	11	2032.4638	98.0436	-0.0663	-0.0136	-18.254
12	12	2032.4691	97.9218	-28.3249	-5.2634	-18.2313
12	13	2032.4638	-99.639	-0.0652	-0.0134	18.5783
12	14	2032.4691	-99.7609	-28.3238	-5.2632	18.6009
12	15	2032.4638	98.021	-0.0652	-0.0134	-18.2498
12	16	2032.4691	97.8991	-28.3238	-5.2632	-18.2271
12	17	2032.4655	-97.8991	-8.9506	-1.6662	18.2271
12	18	2032.4707	-98.021	-37.2091	-6.916	18.2498
12	19	2032.4655	99.7609	-8.9506	-1.6662	-18.6009
12	20	2032.4707	99.639	-37.2092	-6.916	-18.5783
12	21	2032.4655	-97.9218	-8.9495	-1.666	18.2313
12	22	2032.4707	-98.0436	-37.208	-6.9158	18.254
12	23	2032.4655	99.7382	-8.9495	-1.666	-18.5967
12	24	2032.4707	99.6164	-37.208	-6.9158	-18.5741
12	25	2032.4655	-99.6083	-8.9506	-1.6662	18.5726
12	26	2032.4707	-99.7301	-37.2091	-6.916	18.5952
12	27	2032.4655	98.0517	-8.9506	-1.6662	-18.2555
12	28	2032.4707	97.9299	-37.2092	-6.916	-18.2329
12	29	2032.4655	-99.6309	-8.9494	-1.666	18.5768

12	30	2032.4707	-99.7528	-37.208	-6.9158	18.5994
12	31	2032.4655	98.0291	-8.9495	-1.666	-18.2513
12	32	2032.4707	97.9072	-37.208	-6.9158	-18.2286
13	1	2017.0815	-113.7168	-2.1833	-0.4441	22.9972
13	2	2017.089	-113.903	-39.5461	-7.9517	23.0345
13	3	2017.0815	116.7276	-2.1833	-0.4441	-23.6306
13	4	2017.089	116.5414	-39.5461	-7.9517	-23.5932
13	5	2017.0815	-113.7302	-2.1824	-0.4439	22.9998
13	6	2017.089	-113.9164	-39.5452	-7.9516	23.0372
13	7	2017.0815	116.7142	-2.1824	-0.4439	-23.6279
13	8	2017.089	116.528	-39.5452	-7.9516	-23.5905
13	9	2017.0815	-116.5328	-2.1833	-0.4441	23.5915
13	10	2017.089	-116.719	-39.5461	-7.9517	23.6288
13	11	2017.0815	113.9116	-2.1833	-0.4441	-23.0363
13	12	2017.089	113.7254	-39.5461	-7.9517	-22.9989
13	13	2017.0815	-116.5462	-2.1824	-0.4439	23.5941
13	14	2017.089	-116.7324	-39.5452	-7.9516	23.6315
13	15	2017.0815	113.8982	-2.1824	-0.4439	-23.0336
13	16	2017.089	113.712	-39.5452	-7.9516	-22.9962
13	17	2017.0829	-113.712	-9.4124	-1.8934	22.9962
13	18	2017.0904	-113.8982	-46.7752	-9.401	23.0336
13	19	2017.0829	116.7324	-9.4125	-1.8934	-23.6315
13	20	2017.0904	116.5462	-46.7752	-9.4011	-23.5941
13	21	2017.0829	-113.7254	-9.4115	-1.8932	22.9989
13	22	2017.0904	-113.9116	-46.7743	-9.4009	23.0363
13	23	2017.0829	116.719	-9.4116	-1.8932	-23.6288
13	24	2017.0904	116.5328	-46.7743	-9.4009	-23.5915
13	25	2017.0829	-116.528	-9.4124	-1.8934	23.5905
13	26	2017.0904	-116.7142	-46.7752	-9.401	23.6279
13	27	2017.0829	113.9164	-9.4125	-1.8934	-23.0372
13	28	2017.0904	113.7302	-46.7752	-9.4011	-22.9998
13	29	2017.0829	-116.5414	-9.4115	-1.8932	23.5932
13	30	2017.0904	-116.7276	-46.7743	-9.4009	23.6306
13	31	2017.0829	113.903	-9.4116	-1.8932	-23.0345
13	32	2017.0904	113.7168	-46.7743	-9.4009	-22.9972
14	1	2005.5257	-126.3739	-4.7408	-1.0144	27.2016
14	2	2005.536	-126.6535	-52.9989	-11.3216	27.2614
14	3	2005.5257	131.0935	-4.7408	-1.0144	-28.2421
14	4	2005.536	130.8139	-52.9989	-11.3216	-28.1823
14	5	2005.5257	-126.3821	-4.7401	-1.0142	27.2033
14	6	2005.536	-126.6616	-52.9982	-11.3214	27.2632
14	7	2005.5257	131.0853	-4.7401	-1.0142	-28.2404
14	8	2005.536	130.8057	-52.9982	-11.3214	-28.1806
14	9	2005.5257	-130.8087	-4.7408	-1.0144	28.1812
14	10	2005.536	-131.0882	-52.9989	-11.3216	28.241
14	11	2005.5257	126.6587	-4.7408	-1.0144	-27.2625
14	12	2005.536	126.3791	-52.9989	-11.3216	-27.2027
14	13	2005.5257	-130.8168	-4.7401	-1.0142	28.1829
14	14	2005.536	-131.0964	-52.9982	-11.3214	28.2428
14	15	2005.5257	126.6506	-4.7401	-1.0142	-27.2608
14	16	2005.536	126.371	-52.9982	-11.3214	-27.201
14	17	2005.5268	-126.371	-9.997	-2.1387	27.201
14	18	2005.5371	-126.6506	-58.2551	-12.446	27.2608
14	19	2005.5268	131.0964	-9.997	-2.1388	-28.2428
14	20	2005.5371	130.8168	-58.2552	-12.446	-28.1829
14	21	2005.5268	-126.3791	-9.9964	-2.1386	27.2027
14	22	2005.5371	-126.6587	-58.2545	-12.4458	27.2625
14	23	2005.5268	131.0882	-9.9964	-2.1386	-28.241
14	24	2005.5371	130.8087	-58.2545	-12.4458	-28.1812
14	25	2005.5268	-130.8057	-9.997	-2.1387	28.1806
14	26	2005.5371	-131.0853	-58.2551	-12.446	28.2404
14	27	2005.5268	126.6616	-9.997	-2.1388	-27.2632
14	28	2005.5371	126.3821	-58.2552	-12.446	-27.2033
14	29	2005.5268	-130.8139	-9.9964	-2.1386	28.1823
14	30	2005.5371	-131.0935	-58.2545	-12.4458	28.2421
14	31	2005.5268	126.6535	-9.9964	-2.1386	-27.2614
14	32	2005.5371	126.3739	-58.2545	-12.4458	-27.2016
15	1	1967.0538	-114.0155	-9.7885	-2.6677	31.1895
15	2	1967.075	-114.0993	-87.5641	-23.8117	31.2528
15	3	1967.0538	119.9474	-9.7885	-2.6677	-32.8794

15	4	1967.075	119.8637	-87.5641	-23.8117	-32.8161
15	5	1967.0538	-114.0202	-9.788	-2.6676	31.1907
15	6	1967.075	-114.1039	-87.5637	-23.8115	31.2541
15	7	1967.0538	119.9428	-9.788	-2.6676	-32.8782
15	8	1967.075	119.859	-87.5637	-23.8115	-32.8148
15	9	1967.0538	-119.8607	-9.7885	-2.6677	32.8153
15	10	1967.075	-119.9444	-87.5641	-23.8117	32.8786
15	11	1967.0538	114.1023	-9.7885	-2.6677	-31.2536
15	12	1967.075	114.0185	-87.5641	-23.8117	-31.1903
15	13	1967.0538	-119.8653	-9.788	-2.6676	32.8165
15	14	1967.075	-119.9491	-87.5637	-23.8115	32.8799
15	15	1967.0538	114.0976	-9.788	-2.6676	-31.2524
15	16	1967.075	114.0139	-87.5637	-23.8115	-31.189
15	17	1967.0549	-114.0139	-13.6388	-3.7113	31.189
15	18	1967.076	-114.0976	-91.4145	-24.8553	31.2524
15	19	1967.0549	119.9491	-13.6388	-3.7113	-32.8799
15	20	1967.076	119.8653	-91.4145	-24.8553	-32.8165
15	21	1967.0549	-114.0185	-13.6383	-3.7112	31.1903
15	22	1967.076	-114.1023	-91.414	-24.8551	31.2536
15	23	1967.0549	119.9444	-13.6383	-3.7112	-32.8786
15	24	1967.076	119.8607	-91.414	-24.8551	-32.8153
15	25	1967.0549	-119.859	-13.6388	-3.7113	32.8148
15	26	1967.076	-119.9428	-91.4145	-24.8553	32.8782
15	27	1967.0549	114.1039	-13.6388	-3.7113	-31.2541
15	28	1967.076	114.0202	-91.4145	-24.8553	-31.1907
15	29	1967.0549	-119.8637	-13.6383	-3.7112	32.8161
15	30	1967.076	-119.9474	-91.414	-24.8551	32.8794
15	31	1967.0549	114.0993	-13.6383	-3.7112	-31.2528
15	32	1967.076	114.0155	-91.414	-24.8551	-31.1895

- 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	1934.3229	149.6274	46.5655	16.4207	-60.5997
1	2	1934.3226	152.5111	47.5606	16.7729	-61.451
1	3	1934.3229	149.7271	46.5653	16.4207	-60.6181
1	4	1934.3226	152.6108	47.5604	16.7729	-61.4695
1	5	1934.33	149.4832	26.4896	9.3151	-60.5492
1	6	1934.3297	152.3669	27.4847	9.6673	-61.4005
1	7	1934.33	149.5828	26.4895	9.3151	-60.5676
1	8	1934.3297	152.4666	27.4846	9.6673	-61.4189
1	9	1934.3229	-451.4666	46.5869	16.4283	153.3431
1	10	1934.3225	-448.5829	47.582	16.7805	152.4918
1	11	1934.3229	-451.3669	46.5867	16.4283	153.3247
1	12	1934.3225	-448.4832	47.5818	16.7805	152.4733
1	13	1934.33	-451.6108	26.5111	9.3227	153.3936
1	14	1934.3297	-448.7271	27.5062	9.6749	152.5423
1	15	1934.33	-451.5112	26.5109	9.3227	153.3752
1	16	1934.3297	-448.6274	27.506	9.6749	152.5239
1	17	1934.3234	448.6273	45.1211	15.9095	-152.5238
1	18	1934.3231	451.511	46.1162	16.2617	-153.3752
1	19	1934.3234	448.7269	45.1209	15.9095	-152.5422
1	20	1934.3231	451.6107	46.116	16.2617	-153.3936
1	21	1934.3305	448.483	25.0453	8.8039	-152.4733
1	22	1934.3302	451.3668	26.0404	9.1561	-153.3246
1	23	1934.3305	448.5827	25.0451	8.8039	-152.4917
1	24	1934.3302	451.4665	26.0402	9.1561	-153.3431
1	25	1934.3234	-152.4668	45.1425	15.9171	61.419
1	26	1934.3231	-149.583	46.1376	16.2693	60.5676
1	27	1934.3234	-152.3671	45.1424	15.917	61.4006
1	28	1934.3231	-149.4833	46.1375	16.2692	60.5492
1	29	1934.3305	-152.611	25.0667	8.8115	61.4695
1	30	1934.3302	-149.7272	26.0618	9.1637	60.6182
1	31	1934.3305	-152.5113	25.0666	8.8115	61.4511
1	32	1934.3302	-149.6275	26.0616	9.1637	60.5997

2	1	1790.2592	-13486.9498	33.2703	44.5915	2863.9169
2	2	2220.8435	-13287.1035	-12.6275	-40.1806	2866.4494
2	3	1790.2592	-13485.8787	33.2701	44.5914	2863.6772
2	4	2220.8435	-13286.0324	-12.6276	-40.1807	2866.2098
2	5	1790.0332	-13487.8875	12.7787	40.2581	2864.1129
2	6	2220.6174	-13288.0413	-33.1191	-44.514	2866.6455
2	7	1790.0332	-13486.8165	12.7785	40.258	2863.8733
2	8	2220.6174	-13286.9702	-33.1193	-44.5141	2866.4058
2	9	1790.2593	-14429.54	33.2922	44.5961	3066.7289
2	10	2220.8435	-14229.6937	-12.6056	-40.176	3069.2614
2	11	1790.2593	-14428.4689	33.292	44.5961	3066.4893
2	12	2220.8435	-14228.6226	-12.6058	-40.176	3069.0218
2	13	1790.0332	-14430.4777	12.8005	40.2627	3066.9249
2	14	2220.6175	-14230.6315	-33.0972	-44.5094	3069.4575
2	15	1790.0332	-14429.4067	12.8004	40.2627	3066.6853
2	16	2220.6175	-14229.5604	-33.0974	-44.5094	3069.2179
2	17	1790.2562	14229.5441	31.7953	44.2772	-3069.2144
2	18	2220.8405	14429.3903	-14.1024	-40.4949	-3066.6818
2	19	1790.2562	14230.6151	31.7952	44.2772	-3069.454
2	20	2220.8405	14430.4614	-14.1026	-40.4949	-3066.9215
2	21	1790.0301	14228.6063	11.3037	39.9438	-3069.0183
2	22	2220.6144	14428.4526	-34.594	-44.8282	-3066.4858
2	23	1790.0301	14229.6774	11.3036	39.9438	-3069.2579
2	24	2220.6144	14429.5236	-34.5942	-44.8283	-3066.7254
2	25	1790.2562	13286.9539	31.8172	44.2819	-2866.4023
2	26	2220.8405	13486.8001	-14.0805	-40.4902	-2863.8698
2	27	1790.2562	13288.0249	31.8171	44.2819	-2866.642
2	28	2220.8405	13487.8712	-14.0807	-40.4902	-2864.1094
2	29	1790.0302	13286.0161	11.3256	39.9485	-2866.2063
2	30	2220.6145	13485.8624	-34.5721	-44.8236	-2863.6737
2	31	1790.0302	13287.0872	11.3254	39.9485	-2866.4459
2	32	2220.6145	13486.9334	-34.5723	-44.8236	-2863.9134
3	1	1947.5081	-480.8655	1.2377	-9.8341	90.538
3	2	2063.3387	-409.4874	11.2096	12.4419	89.1844
3	3	1947.5081	-479.2393	1.2377	-9.8341	90.1914
3	4	2063.3387	-407.8612	11.2096	12.4419	88.8377
3	5	1947.663	-480.1672	-17.7719	-13.8664	90.3898
3	6	2063.4936	-408.789	-7.8	8.4096	89.0362
3	7	1947.663	-478.541	-17.7719	-13.8664	90.0432
3	8	2063.4936	-407.1628	-7.8	8.4096	88.6895
3	9	1947.5081	-1106.4665	1.2373	-9.8342	225.0902
3	10	2063.3387	-1035.0883	11.2092	12.4418	223.7365
3	11	1947.5081	-1104.8403	1.2373	-9.8342	224.7435
3	12	2063.3387	-1033.4621	11.2092	12.4419	223.3899
3	13	1947.663	-1105.7682	-17.7723	-13.8665	224.942
3	14	2063.4936	-1034.39	-7.8004	8.4096	223.5883
3	15	1947.663	-1104.1419	-17.7723	-13.8665	224.5953
3	16	2063.4936	-1032.7638	-7.8004	8.4096	223.2417
3	17	1947.5067	1032.7803	1.2639	-9.8288	-223.2452
3	18	2063.3373	1104.1584	11.2357	12.4473	-224.5989
3	19	1947.5067	1034.4065	1.2639	-9.8288	-223.5919
3	20	2063.3373	1105.7846	11.2357	12.4473	-224.9456
3	21	1947.6616	1033.4786	-17.7457	-13.8611	-223.3934
3	22	2063.4922	1104.8568	-7.7738	8.415	-224.7471
3	23	1947.6616	1035.1048	-17.7457	-13.8611	-223.7401
3	24	2063.4922	1106.483	-7.7738	8.415	-225.0938
3	25	1947.5068	407.1793	1.2635	-9.8289	-88.693
3	26	2063.3373	478.5575	11.2354	12.4472	-90.0467
3	27	1947.5068	408.8055	1.2635	-9.8289	-89.0397
3	28	2063.3373	480.1837	11.2354	12.4472	-90.3934
3	29	1947.6616	407.8776	-17.7461	-13.8611	-88.8412
3	30	2063.4922	479.2558	-7.7742	8.4149	-90.1949
3	31	1947.6616	409.5038	-17.7461	-13.8611	-89.1879
3	32	2063.4922	480.882	-7.7742	8.4149	-90.5416
4	1	2017.0689	292.4199	5.3925	1.0812	-59.3802
4	2	2017.0698	294.0298	1.1545	0.2311	-59.6713
4	3	2017.0689	294.293	5.3925	1.0812	-59.7476
4	4	2017.0698	295.9029	1.1546	0.2311	-60.0388
4	5	2017.0719	292.5471	-9.3771	-1.8859	-59.4056
4	6	2017.0728	294.1569	-13.615	-2.736	-59.6967

4	7	2017.0719	294.4202	-9.3771	-1.8859	-59.773
4	8	2017.0728	296.0301	-13.615	-2.736	-60.0641
4	9	2017.0689	-323.1699	5.3922	1.0811	65.088
4	10	2017.0698	-321.56	1.1542	0.231	64.7968
4	11	2017.0689	-321.2967	5.3922	1.0811	64.7205
4	12	2017.0698	-319.6868	1.1542	0.231	64.4294
4	13	2017.0719	-323.0427	-9.3774	-1.886	65.0626
4	14	2017.0728	-321.4328	-13.6153	-2.7361	64.7714
4	15	2017.0719	-321.1695	-9.3774	-1.886	64.6951
4	16	2017.0728	-319.5597	-13.6153	-2.7361	64.404
4	17	2017.0689	319.5598	5.4129	1.0853	-64.404
4	18	2017.0698	321.1697	1.175	0.2352	-64.6952
4	19	2017.0689	321.433	5.4129	1.0853	-64.7715
4	20	2017.0698	323.0429	1.175	0.2352	-65.0626
4	21	2017.0719	319.687	-9.3566	-1.8818	-64.4294
4	22	2017.0728	321.2969	-13.5946	-2.7319	-64.7205
4	23	2017.0719	321.5602	-9.3566	-1.8818	-64.7969
4	24	2017.0728	323.17	-13.5946	-2.7319	-65.088
4	25	2017.0689	-296.0299	5.4126	1.0852	60.0641
4	26	2017.0698	-294.42	1.1747	0.2351	59.773
4	27	2017.0689	-294.1568	5.4126	1.0852	59.6967
4	28	2017.0698	-292.5469	1.1747	0.2351	59.4056
4	29	2017.0719	-295.9027	-9.3569	-1.8819	60.0387
4	30	2017.0728	-294.2929	-13.5949	-2.732	59.7476
4	31	2017.0719	-294.0296	-9.3569	-1.8819	59.6713
4	32	2017.0728	-292.4197	-13.5949	-2.732	59.3802
5	1	2032.4742	248.7402	3.6252	0.6692	-46.3496
5	2	2032.4752	248.6748	-1.9886	-0.3759	-46.3371
5	3	2032.4742	249.9841	3.6252	0.6692	-46.5728
5	4	2032.4752	249.9188	-1.9886	-0.3759	-46.5603
5	5	2032.4762	248.8168	-7.5806	-1.4117	-46.3638
5	6	2032.4773	248.7515	-13.1945	-2.4568	-46.3513
5	7	2032.4762	250.0608	-7.5806	-1.4117	-46.587
5	8	2032.4773	249.9954	-13.1945	-2.4568	-46.5745
5	9	2032.4742	-248.3463	3.625	0.6691	46.2597
5	10	2032.4752	-248.4117	-1.9888	-0.376	46.2722
5	11	2032.4742	-247.1024	3.625	0.6691	46.0366
5	12	2032.4752	-247.1677	-1.9888	-0.376	46.0491
5	13	2032.4762	-248.2697	-7.5809	-1.4117	46.2455
5	14	2032.4773	-248.335	-13.1947	-2.4568	46.258
5	15	2032.4762	-247.0257	-7.5809	-1.4117	46.0223
5	16	2032.4773	-247.0911	-13.1947	-2.4568	46.0348
5	17	2032.4742	247.091	3.6407	0.6721	-46.0348
5	18	2032.4752	247.0256	-1.9731	-0.3731	-46.0223
5	19	2032.4742	248.3349	3.6407	0.6721	-46.258
5	20	2032.4752	248.2696	-1.9731	-0.3731	-46.2455
5	21	2032.4762	247.1676	-7.5651	-1.4088	-46.0491
5	22	2032.4773	247.1023	-13.1789	-2.4539	-46.0366
5	23	2032.4762	248.4116	-7.5651	-1.4088	-46.2722
5	24	2032.4773	248.3462	-13.1789	-2.4539	-46.2597
5	25	2032.4742	-249.9955	3.6405	0.672	46.5745
5	26	2032.4752	-250.0609	-1.9733	-0.3731	46.587
5	27	2032.4742	-248.7516	3.6405	0.672	46.3514
5	28	2032.4752	-248.8169	-1.9733	-0.3731	46.3639
5	29	2032.4762	-249.9189	-7.5654	-1.4089	46.5603
5	30	2032.4773	-249.9842	-13.1792	-2.454	46.5728
5	31	2032.4762	-248.6749	-7.5654	-1.4089	46.3371
5	32	2032.4773	-248.7403	-13.1792	-2.454	46.3496
6	1	1999.7513	142.1601	3.1212	0.687	-31.5463
6	2	1999.7534	142.1081	-6.4597	-1.4266	-31.5348
6	3	1999.7513	142.8212	3.1212	0.687	-31.6822
6	4	1999.7534	142.7693	-6.4597	-1.4266	-31.6707
6	5	1999.7539	142.2003	-8.5153	-1.8829	-31.5551
6	6	1999.756	142.1484	-18.0962	-3.9965	-31.5437
6	7	1999.7539	142.8614	-8.5153	-1.8829	-31.691
6	8	1999.756	142.8095	-18.0962	-3.9965	-31.6796
6	9	1999.7513	-141.5768	3.1209	0.6869	31.4075
6	10	1999.7534	-141.6287	-6.4599	-1.4267	31.4189
6	11	1999.7513	-140.9157	3.1209	0.6869	31.2716
6	12	1999.7534	-140.9676	-6.4599	-1.4267	31.283

6	13	1999.7539	-141.5366	-8.5156	-1.8829	31.3986
6	14	1999.756	-141.5885	-18.0964	-3.9965	31.4101
6	15	1999.7539	-140.8755	-8.5156	-1.8829	31.2627
6	16	1999.756	-140.9274	-18.0964	-3.9965	31.2742
6	17	1999.7513	140.9274	3.1373	0.6905	-31.2741
6	18	1999.7534	140.8754	-6.4436	-1.4231	-31.2627
6	19	1999.7513	141.5885	3.1373	0.6905	-31.41
6	20	1999.7534	141.5365	-6.4436	-1.4231	-31.3986
6	21	1999.7539	140.9676	-8.4992	-1.8793	-31.283
6	22	1999.756	140.9156	-18.0801	-3.9929	-31.2715
6	23	1999.7539	141.6287	-8.4992	-1.8793	-31.4189
6	24	1999.756	141.5767	-18.0801	-3.9929	-31.4074
6	25	1999.7513	-142.8095	3.137	0.6905	31.6796
6	26	1999.7534	-142.8615	-6.4438	-1.4231	31.691
6	27	1999.7513	-142.1484	3.137	0.6905	31.5437
6	28	1999.7534	-142.2004	-6.4438	-1.4231	31.5551
6	29	1999.7539	-142.7693	-8.4995	-1.8794	31.6707
6	30	1999.756	-142.8213	-18.0803	-3.9929	31.6822
6	31	1999.7539	-142.1082	-8.4995	-1.8794	31.5348
6	32	1999.756	-142.1602	-18.0803	-3.9929	31.5463
7	1	2017.0807	77.0577	1.6951	0.3356	-15.5584
7	2	2017.0829	77.022	-9.4522	-1.9051	-15.5513
7	3	2017.0807	77.4762	1.6951	0.3356	-15.6338
7	4	2017.0829	77.4405	-9.4522	-1.9051	-15.6266
7	5	2017.0824	77.0842	-6.9068	-1.3901	-15.5638
7	6	2017.0847	77.0484	-18.0541	-3.6308	-15.5566
7	7	2017.0824	77.5026	-6.9068	-1.3901	-15.6391
7	8	2017.0847	77.4669	-18.0541	-3.6308	-15.6319
7	9	2017.0807	-76.6458	1.6949	0.3356	15.4671
7	10	2017.0829	-76.6815	-9.4524	-1.9051	15.4743
7	11	2017.0807	-76.2273	1.6949	0.3356	15.3918
7	12	2017.0829	-76.263	-9.4524	-1.9051	15.3989
7	13	2017.0824	-76.6193	-6.9069	-1.3902	15.4618
7	14	2017.0847	-76.6551	-18.0543	-3.6308	15.469
7	15	2017.0824	-76.2009	-6.9069	-1.3902	15.3865
7	16	2017.0847	-76.2366	-18.0543	-3.6308	15.3936
7	17	2017.0807	76.2366	1.707	0.338	-15.3936
7	18	2017.0829	76.2008	-9.4403	-1.9027	-15.3865
7	19	2017.0807	76.655	1.707	0.338	-15.4689
7	20	2017.0829	76.6193	-9.4403	-1.9027	-15.4618
7	21	2017.0824	76.263	-6.8948	-1.3877	-15.3989
7	22	2017.0846	76.2273	-18.0422	-3.6284	-15.3918
7	23	2017.0824	76.6815	-6.8948	-1.3877	-15.4743
7	24	2017.0846	76.6457	-18.0422	-3.6284	-15.4671
7	25	2017.0807	-77.4669	1.7068	0.338	15.6319
7	26	2017.0829	-77.5027	-9.4405	-1.9027	15.6391
7	27	2017.0807	-77.0485	1.7068	0.338	15.5566
7	28	2017.0829	-77.0842	-9.4405	-1.9027	15.5638
7	29	2017.0824	-77.4405	-6.895	-1.3878	15.6266
7	30	2017.0846	-77.4762	-18.0424	-3.6284	15.6338
7	31	2017.0824	-77.022	-6.895	-1.3878	15.5513
7	32	2017.0846	-77.0578	-18.0424	-3.6284	15.5585
8	1	2020.9184	0.5205	0.6417	0.1244	-0.0732
8	2	2020.9211	0.4937	-13.1525	-2.5894	-0.068
8	3	2020.9184	0.7506	0.6417	0.1244	-0.1097
8	4	2020.9211	0.7238	-13.1525	-2.5894	-0.1044
8	5	2020.9197	0.537	-6.3237	-1.2474	-0.0765
8	6	2020.9224	0.5102	-20.1179	-3.9612	-0.0712
8	7	2020.9197	0.7671	-6.3237	-1.2474	-0.1129
8	8	2020.9224	0.7403	-20.1179	-3.9612	-0.1077
8	9	2020.9184	-0.2265	0.6415	0.1244	0.0065
8	10	2020.9211	-0.2533	-13.1527	-2.5894	0.0118
8	11	2020.9184	0.0036	0.6415	0.1244	-0.0299
8	12	2020.9211	-0.0232	-13.1527	-2.5894	-0.0246
8	13	2020.9197	-0.21	-6.3239	-1.2474	0.0033
8	14	2020.9224	-0.2368	-20.1181	-3.9612	0.0086
8	15	2020.9197	0.0201	-6.3239	-1.2474	-0.0332
8	16	2020.9224	-0.0067	-20.1181	-3.9612	-0.0279
8	17	2020.9183	0.0066	0.6513	0.1263	0.0279
8	18	2020.9211	-0.0202	-13.1429	-2.5875	0.0332

8	19	2020.9183	0.2367	0.6513	0.1263	-0.0086
8	20	2020.9211	0.2099	-13.1429	-2.5875	-0.0033
8	21	2020.9197	0.0232	-6.3141	-1.2455	0.0246
8	22	2020.9224	-0.0036	-20.1083	-3.9593	0.0299
8	23	2020.9197	0.2533	-6.3141	-1.2455	-0.0118
8	24	2020.9224	0.2265	-20.1083	-3.9593	-0.0065
8	25	2020.9183	-0.7404	0.6512	0.1263	0.1077
8	26	2020.9211	-0.7672	-13.1431	-2.5875	0.113
8	27	2020.9183	-0.5103	0.6512	0.1263	0.0712
8	28	2020.9211	-0.5371	-13.1431	-2.5875	0.0765
8	29	2020.9197	-0.7238	-6.3142	-1.2455	0.1044
8	30	2020.9224	-0.7506	-20.1084	-3.9593	0.1097
8	31	2020.9197	-0.4937	-6.3142	-1.2455	0.068
8	32	2020.9224	-0.5205	-20.1084	-3.9593	0.0732
9	1	2026.7022	-80.1995	-0.3088	-0.0635	15.3597
9	2	2026.7054	-80.2297	-16.7969	-3.2189	15.3655
9	3	2026.7022	-80.1232	-0.3088	-0.0635	15.3534
9	4	2026.7054	-80.1534	-16.7969	-3.2189	15.3592
9	5	2026.7033	-80.1891	-5.8316	-1.1184	15.3577
9	6	2026.7064	-80.2193	-22.3197	-4.2738	15.3635
9	7	2026.7033	-80.1128	-5.8316	-1.1184	15.3514
9	8	2026.7064	-80.143	-22.3197	-4.2738	15.3572
9	9	2026.7022	80.4658	-0.3089	-0.0635	-15.4189
9	10	2026.7054	80.4356	-16.797	-3.2189	-15.4131
9	11	2026.7022	80.5421	-0.3089	-0.0635	-15.4252
9	12	2026.7054	80.5119	-16.797	-3.2189	-15.4194
9	13	2026.7033	80.4762	-5.8317	-1.1184	-15.4209
9	14	2026.7064	80.446	-22.3198	-4.2738	-15.4151
9	15	2026.7033	80.5525	-5.8317	-1.1184	-15.4272
9	16	2026.7064	80.5223	-22.3198	-4.2738	-15.4214
9	17	2026.7022	-80.5223	-0.3012	-0.0621	15.4214
9	18	2026.7054	-80.5525	-16.7893	-3.2174	15.4272
9	19	2026.7022	-80.446	-0.3012	-0.0621	15.4151
9	20	2026.7054	-80.4762	-16.7893	-3.2174	15.4209
9	21	2026.7033	-80.5119	-5.824	-1.117	15.4194
9	22	2026.7064	-80.5421	-22.3121	-4.2723	15.4252
9	23	2026.7033	-80.4357	-5.824	-1.117	15.4131
9	24	2026.7064	-80.4658	-22.3121	-4.2723	15.4189
9	25	2026.7022	80.143	-0.3013	-0.0621	-15.3572
9	26	2026.7054	80.1128	-16.7894	-3.2174	-15.3514
9	27	2026.7022	80.2193	-0.3013	-0.0621	-15.3635
9	28	2026.7054	80.1891	-16.7894	-3.2174	-15.3577
9	29	2026.7033	80.1534	-5.8241	-1.117	-15.3592
9	30	2026.7064	80.1232	-22.3122	-4.2723	-15.3534
9	31	2026.7033	80.2297	-5.8241	-1.117	-15.3655
9	32	2026.7064	80.1995	-22.3122	-4.2723	-15.3597
10	1	2026.6914	-159.5442	-1.2653	-0.2438	30.5741
10	2	2026.6952	-159.589	-21.3878	-4.0892	30.5827
10	3	2026.6914	-159.6142	-1.2653	-0.2438	30.5961
10	4	2026.6952	-159.659	-21.3878	-4.0892	30.6046
10	5	2026.6923	-159.5379	-5.7501	-1.1018	30.5729
10	6	2026.6961	-159.5827	-25.8726	-4.9473	30.5815
10	7	2026.6923	-159.6079	-5.7501	-1.1018	30.5949
10	8	2026.6961	-159.6527	-25.8726	-4.9473	30.6034
10	9	2026.6914	159.8495	-1.2654	-0.2438	-30.6411
10	10	2026.6952	159.8047	-21.3879	-4.0893	-30.6325
10	11	2026.6914	159.7795	-1.2654	-0.2438	-30.6191
10	12	2026.6952	159.7347	-21.3879	-4.0893	-30.6105
10	13	2026.6923	159.8558	-5.7502	-1.1018	-30.6423
10	14	2026.6961	159.811	-25.8727	-4.9473	-30.6337
10	15	2026.6923	159.7858	-5.7502	-1.1018	-30.6203
10	16	2026.6961	159.741	-25.8727	-4.9473	-30.6117
10	17	2026.6914	-159.741	-1.2591	-0.2426	30.6118
10	18	2026.6952	-159.7858	-21.3816	-4.088	30.6203
10	19	2026.6914	-159.811	-1.2591	-0.2426	30.6337
10	20	2026.6952	-159.8558	-21.3816	-4.088	30.6423
10	21	2026.6923	-159.7347	-5.7439	-1.1006	30.6105
10	22	2026.6961	-159.7795	-25.8664	-4.9461	30.6191
10	23	2026.6923	-159.8047	-5.7439	-1.1006	30.6325
10	24	2026.6961	-159.8495	-25.8664	-4.9461	30.6411

10	25	2026.6914	159.6527	-1.2592	-0.2426	-30.6034
10	26	2026.6952	159.6079	-21.3817	-4.0881	-30.5949
10	27	2026.6914	159.5827	-1.2592	-0.2426	-30.5815
10	28	2026.6952	159.5379	-21.3817	-4.0881	-30.5729
10	29	2026.6923	159.659	-5.744	-1.1006	-30.6046
10	30	2026.6961	159.6142	-25.8664	-4.9461	-30.5961
10	31	2026.6923	159.589	-5.744	-1.1006	-30.5827
10	32	2026.6961	159.5442	-25.8664	-4.9461	-30.5741
11	1	1999.7636	-211.3392	-2.6902	-0.599	46.9602
11	2	1999.77	-211.4036	-31.8851	-7.0478	46.9744
11	3	1999.7636	-211.5552	-2.6902	-0.599	47.0173
11	4	1999.77	-211.6196	-31.8851	-7.0478	47.0315
11	5	1999.7645	-211.3358	-6.9698	-1.5428	46.9594
11	6	1999.771	-211.4002	-36.1647	-7.9916	46.9736
11	7	1999.7645	-211.5518	-6.9698	-1.5428	47.0166
11	8	1999.771	-211.6161	-36.1647	-7.9916	47.0308
11	9	1999.7636	211.7224	-2.6903	-0.5991	-47.0542
11	10	1999.77	211.6581	-31.8852	-7.0479	-47.04
11	11	1999.7636	211.5065	-2.6903	-0.5991	-46.997
11	12	1999.77	211.4421	-31.8852	-7.0479	-46.9828
11	13	1999.7645	211.7259	-6.9699	-1.5428	-47.0549
11	14	1999.771	211.6615	-36.1648	-7.9916	-47.0407
11	15	1999.7645	211.5099	-6.9699	-1.5428	-46.9978
11	16	1999.771	211.4455	-36.1648	-7.9916	-46.9836
11	17	1999.7636	-211.4455	-2.6843	-0.5977	46.9836
11	18	1999.77	-211.5099	-31.8792	-7.0465	46.9978
11	19	1999.7636	-211.6615	-2.6843	-0.5977	47.0407
11	20	1999.77	-211.7259	-31.8792	-7.0465	47.0549
11	21	1999.7645	-211.4421	-6.9639	-1.5415	46.9828
11	22	1999.771	-211.5065	-36.1588	-7.9903	46.997
11	23	1999.7645	-211.6581	-6.9639	-1.5415	47.04
11	24	1999.771	-211.7224	-36.1588	-7.9903	47.0542
11	25	1999.7636	211.6161	-2.6844	-0.5978	-47.0308
11	26	1999.77	211.5518	-31.8793	-7.0466	-47.0166
11	27	1999.7636	211.4001	-2.6844	-0.5978	-46.9736
11	28	1999.77	211.3358	-31.8793	-7.0466	-46.9594
11	29	1999.7645	211.6196	-6.964	-1.5415	-47.0315
11	30	1999.771	211.5552	-36.1589	-7.9903	-47.0173
11	31	1999.7645	211.4036	-6.964	-1.5415	-46.9743
11	32	1999.771	211.3392	-36.1589	-7.9903	-46.9602
12	1	2032.4644	-329.0795	-3.1771	-0.5922	61.3102
12	2	2032.4697	-329.2013	-31.4357	-5.842	61.3328
12	3	2032.4644	-329.5922	-3.1771	-0.5922	61.4138
12	4	2032.4697	-329.7141	-31.4357	-5.842	61.4365
12	5	2032.4649	-329.0771	-5.8423	-1.088	61.3097
12	6	2032.4702	-329.1989	-34.1009	-6.3378	61.3324
12	7	2032.4649	-329.5898	-5.8423	-1.088	61.4134
12	8	2032.4702	-329.7117	-34.1009	-6.3378	61.436
12	9	2032.4644	329.7872	-3.1771	-0.5923	-61.4501
12	10	2032.4697	329.6653	-31.4357	-5.842	-61.4274
12	11	2032.4644	329.2744	-3.1771	-0.5923	-61.3464
12	12	2032.4697	329.1526	-31.4357	-5.842	-61.3238
12	13	2032.4649	329.7896	-5.8424	-1.088	-61.4505
12	14	2032.4702	329.6678	-34.101	-6.3378	-61.4279
12	15	2032.4649	329.2769	-5.8424	-1.088	-61.3469
12	16	2032.4702	329.155	-34.101	-6.3378	-61.3242
12	17	2032.4644	-329.155	-3.1734	-0.5916	61.3242
12	18	2032.4697	-329.2769	-31.432	-5.8413	61.3469
12	19	2032.4644	-329.6678	-3.1734	-0.5916	61.4279
12	20	2032.4697	-329.7896	-31.432	-5.8413	61.4505
12	21	2032.4649	-329.1526	-5.8387	-1.0874	61.3238
12	22	2032.4702	-329.2744	-34.0972	-6.3371	61.3464
12	23	2032.4649	-329.6653	-5.8387	-1.0874	61.4274
12	24	2032.4702	-329.7872	-34.0972	-6.3371	61.4501
12	25	2032.4644	329.7116	-3.1734	-0.5916	-61.436
12	26	2032.4697	329.5898	-31.432	-5.8414	-61.4134
12	27	2032.4644	329.1989	-3.1734	-0.5916	-61.3324
12	28	2032.4697	329.0771	-31.432	-5.8414	-61.3097
12	29	2032.4649	329.7141	-5.8387	-1.0874	-61.4365
12	30	2032.4702	329.5922	-34.0973	-6.3371	-61.4138

12	31	2032.4649	329.2013	-5.8387	-1.0874	-61.3328
12	32	2032.4702	329.0795	-34.0973	-6.3371	-61.3102
13	1	2017.082	-383.5369	-4.7145	-0.9515	77.6007
13	2	2017.0895	-383.7231	-42.0773	-8.4592	77.6381
13	3	2017.082	-384.3817	-4.7145	-0.9515	77.779
13	4	2017.0895	-384.5679	-42.0773	-8.4592	77.8164
13	5	2017.0824	-383.5355	-6.8833	-1.3863	77.6004
13	6	2017.0899	-383.7216	-44.2461	-8.894	77.6378
13	7	2017.0824	-384.3803	-6.8833	-1.3863	77.7787
13	8	2017.0899	-384.5664	-44.2461	-8.894	77.8161
13	9	2017.082	384.6111	-4.7146	-0.9516	-77.825
13	10	2017.0895	384.4249	-42.0774	-8.4592	-77.7877
13	11	2017.082	383.7663	-4.7146	-0.9516	-77.6468
13	12	2017.0895	383.5801	-42.0774	-8.4592	-77.6094
13	13	2017.0824	384.6125	-6.8833	-1.3863	-77.8253
13	14	2017.0899	384.4263	-44.2461	-8.894	-77.788
13	15	2017.0824	383.7677	-6.8833	-1.3863	-77.647
13	16	2017.0899	383.5815	-44.2461	-8.894	-77.6097
13	17	2017.082	-383.5815	-4.7115	-0.9509	77.6097
13	18	2017.0895	-383.7677	-42.0743	-8.4586	77.647
13	19	2017.082	-384.4263	-4.7115	-0.9509	77.788
13	20	2017.0895	-384.6125	-42.0743	-8.4586	77.8253
13	21	2017.0824	-383.5801	-6.8803	-1.3857	77.6094
13	22	2017.0899	-383.7663	-44.2431	-8.8934	77.6468
13	23	2017.0824	-384.4249	-6.8803	-1.3857	77.7877
13	24	2017.0899	-384.6111	-44.2431	-8.8934	77.825
13	25	2017.082	384.5664	-4.7116	-0.951	-77.8161
13	26	2017.0895	384.3803	-42.0744	-8.4586	-77.7787
13	27	2017.082	383.7216	-4.7116	-0.951	-77.6378
13	28	2017.0895	383.5355	-42.0744	-8.4586	-77.6004
13	29	2017.0824	384.5679	-6.8803	-1.3857	-77.8164
13	30	2017.0899	384.3817	-44.2431	-8.8934	-77.779
13	31	2017.0824	383.7231	-6.8803	-1.3857	-77.6381
13	32	2017.0899	383.5369	-44.2431	-8.8934	-77.6007
14	1	2005.5261	-428.2942	-6.5812	-1.4081	92.2265
14	2	2005.5364	-428.5737	-54.8393	-11.7153	92.2864
14	3	2005.5261	-429.6246	-6.5812	-1.4081	92.5204
14	4	2005.5364	-429.9042	-54.8393	-11.7153	92.5803
14	5	2005.5264	-428.2933	-8.1581	-1.7454	92.2263
14	6	2005.5367	-428.5729	-56.4162	-12.0526	92.2862
14	7	2005.5264	-429.6237	-8.1581	-1.7454	92.5202
14	8	2005.5367	-429.9033	-56.4162	-12.0526	92.5801
14	9	2005.5261	429.9304	-6.5812	-1.4081	-92.5859
14	10	2005.5364	429.6508	-54.8394	-11.7153	-92.526
14	11	2005.5261	428.6	-6.5812	-1.4081	-92.292
14	12	2005.5364	428.3204	-54.8394	-11.7153	-92.2321
14	13	2005.5264	429.9313	-8.1581	-1.7454	-92.5861
14	14	2005.5367	429.6517	-56.4162	-12.0526	-92.5262
14	15	2005.5264	428.6009	-8.1581	-1.7454	-92.2922
14	16	2005.5367	428.3213	-56.4162	-12.0526	-92.2323
14	17	2005.5261	-428.3213	-6.579	-1.4076	92.2323
14	18	2005.5364	-428.6009	-54.8371	-11.7148	92.2922
14	19	2005.5261	-429.6517	-6.579	-1.4076	92.5262
14	20	2005.5364	-429.9313	-54.8371	-11.7148	92.5861
14	21	2005.5264	-428.3204	-8.1559	-1.7449	92.2321
14	22	2005.5367	-428.6	-56.414	-12.0521	92.292
14	23	2005.5264	-429.6508	-8.1559	-1.7449	92.526
14	24	2005.5367	-429.9304	-56.414	-12.0521	92.5859
14	25	2005.5261	429.9033	-6.5791	-1.4076	-92.5801
14	26	2005.5364	429.6237	-54.8372	-11.7148	-92.5202
14	27	2005.5261	428.5729	-6.5791	-1.4076	-92.2862
14	28	2005.5364	428.2933	-54.8372	-11.7148	-92.2263
14	29	2005.5264	429.9042	-8.1559	-1.7449	-92.5803
14	30	2005.5367	429.6246	-56.4141	-12.0521	-92.5204
14	31	2005.5264	428.5737	-8.1559	-1.7449	-92.2864
14	32	2005.5367	428.2942	-56.4141	-12.0521	-92.2265
15	1	1967.0542	-389.0121	-11.1366	-3.0331	106.5039
15	2	1967.0753	-389.0959	-88.9123	-24.1771	106.5673
15	3	1967.0542	-390.7657	-11.1366	-3.0331	106.9917
15	4	1967.0753	-390.8494	-88.9123	-24.1771	107.055

15	5	1967.0545	-389.0117	-12.2917	-3.3462	106.5038
15	6	1967.0756	-389.0954	-90.0674	-24.4901	106.5672
15	7	1967.0545	-390.7652	-12.2917	-3.3462	106.9915
15	8	1967.0756	-390.8489	-90.0674	-24.4901	107.0549
15	9	1967.0542	390.8644	-11.1366	-3.0331	-107.0591
15	10	1967.0753	390.7806	-88.9123	-24.1771	-106.9957
15	11	1967.0542	389.1108	-11.1366	-3.0331	-106.5714
15	12	1967.0753	389.0271	-88.9123	-24.1771	-106.508
15	13	1967.0545	390.8649	-12.2917	-3.3462	-107.0592
15	14	1967.0756	390.7811	-90.0674	-24.4902	-106.9959
15	15	1967.0545	389.1113	-12.2917	-3.3462	-106.5715
15	16	1967.0756	389.0276	-90.0674	-24.4902	-106.5081
15	17	1967.0542	-389.0276	-11.135	-3.0327	106.5081
15	18	1967.0753	-389.1113	-88.9107	-24.1766	106.5715
15	19	1967.0542	-390.7811	-11.135	-3.0327	106.9959
15	20	1967.0753	-390.8649	-88.9107	-24.1766	107.0592
15	21	1967.0545	-389.0271	-12.2901	-3.3458	106.508
15	22	1967.0756	-389.1108	-90.0658	-24.4897	106.5714
15	23	1967.0545	-390.7806	-12.2901	-3.3458	106.9957
15	24	1967.0756	-390.8644	-90.0658	-24.4897	107.0591
15	25	1967.0542	390.8489	-11.135	-3.0327	-107.0549
15	26	1967.0753	390.7652	-88.9107	-24.1766	-106.9915
15	27	1967.0542	389.0954	-11.135	-3.0327	-106.5672
15	28	1967.0753	389.0116	-88.9107	-24.1766	-106.5038
15	29	1967.0545	390.8494	-12.2901	-3.3458	-107.055
15	30	1967.0756	390.7657	-90.0658	-24.4897	-106.9917
15	31	1967.0545	389.0959	-12.2901	-3.3458	-106.5673
15	32	1967.0756	389.0121	-90.0658	-24.4897	-106.5039

- 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	1709.7117	-0.0001	30.0011	10.5672	0
2	1	1802.191	-0.0145	-0.4725	-0.0839	0.0031
3	1	1802.2483	0.0144	-2.6389	-0.574	-0.0031
4	1	1817.2729	0.0001	-3.3373	-0.6734	0
5	1	1837.2992	0	-3.9015	-0.7296	0
6	1	1794.7601	0	-6.1296	-1.3566	0
7	1	1817.2879	0	-6.7075	-1.3519	0
8	1	1822.2768	0	-7.9984	-1.5774	0
9	1	1829.7958	0	-9.3003	-1.7834	0
10	1	1829.7818	0	-11.163	-2.137	0
11	1	1794.7766	0	-15.9908	-3.5364	0
12	1	1837.287	0	-15.3469	-2.8547	0
13	1	1817.2906	0	-20.1612	-4.0551	0
14	1	1802.2688	0	-25.9487	-5.5463	0
15	1	1752.259	0	-41.6931	-11.3399	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	2118.4193	0	40.2579	14.182	0
2	1	2189.5212	-0.0078	-0.7315	-0.1303	0.0017
3	1	2189.5904	0.0079	-3.6013	-0.7818	-0.0017
4	1	2201.1651	0	-4.4809	-0.9015	0
5	1	2216.57	0	-5.194	-0.9702	0
6	1	2183.848	0	-8.1076	-1.7914	0
7	1	2213.1792	0	-10.2148	-4.0204	0
8	1	2229.0148	0	-10.7954	-2.1261	0

9	1	2222.7966	0	-11.3251	-0.3014	0
10	1	2210.7882	0	-15.2204	-2.911	0
11	1	2183.862	0	-21.7095	-4.7996	0
12	1	2216.5619	0	-20.7731	-3.8614	0
13	1	2201.1807	0	-27.2319	-5.4759	0
14	1	2189.6263	0	-34.9919	-7.4763	0
15	1	2151.1606	0	-56.1602	-15.2729	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	2118.4193	-326.3515	40.2696	14.1861	115.2578
1	2	2118.4193	326.3513	40.2462	14.1779	-115.2577
2	1	2189.5212	-600.2894	-0.7181	-0.1274	128.3475
2	2	2189.5212	600.2738	-0.745	-0.1332	-128.3442
3	1	2189.5904	-458.591	-3.6024	-0.782	97.8703
3	2	2189.5903	458.6068	-3.6002	-0.7815	-97.8737
4	1	2201.1651	-568.7824	-4.4816	-0.9016	114.231
4	2	2201.1651	568.7826	-4.4802	-0.9013	-114.231
5	1	2216.57	-607.8246	-5.1944	-0.9703	113.0232
5	2	2216.57	607.8245	-5.1935	-0.9701	-113.0232
6	1	2183.848	-523.8549	-8.1079	-1.7915	115.5746
6	2	2183.848	523.8549	-8.1073	-1.7914	-115.5746
7	1	2213.1792	-567.2872	-10.2149	-4.0204	113.9162
7	2	2213.1792	567.2872	-10.2148	-4.0204	-113.9162
8	1	2229.0148	-580.7174	-10.7952	-2.1261	114.3126
8	2	2229.0148	580.7174	-10.7956	-2.1262	-114.3126
9	1	2222.7966	-596.7315	-11.3247	-0.3013	114.0951
9	2	2222.7966	596.7315	-11.3255	-0.3015	-114.0951
10	1	2210.7882	-593.7363	-15.2197	-2.9109	113.5553
10	2	2210.7882	593.7363	-15.2211	-2.9112	-113.5553
11	1	2183.862	-525.0916	-21.7084	-4.7993	115.8219
11	2	2183.862	525.0916	-21.7105	-4.7998	-115.8219
12	1	2216.5619	-607.5583	-20.7719	-3.8612	112.9834
12	2	2216.5619	607.5583	-20.7742	-3.8616	-112.9834
13	1	2201.1807	-569.9051	-27.2303	-5.4755	114.4247
13	2	2201.1807	569.9051	-27.2335	-5.4762	-114.4247
14	1	2189.6263	-532.2238	-34.9897	-7.4758	113.7546
14	2	2189.6263	532.2238	-34.994	-7.4768	-113.7546
15	1	2151.1606	-418.8987	-56.1566	-15.272	113.8988
15	2	2151.1606	418.8987	-56.1637	-15.2739	-113.8988

- 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	2013.683	0	38.0129	13.3909	0
2	1	2084.7898	-0.008	-0.6867	-0.1224	0.0017
3	1	2084.8556	0.0081	-3.4265	-0.7439	-0.0017
4	1	2096.428	0	-4.2975	-0.8647	0
5	1	2111.8328	0	-5.0044	-0.9348	0
6	1	2079.1108	0	-7.8338	-1.7311	0
7	1	2096.4398	0	-8.56	-1.7242	0
8	1	2100.2776	0	-10.1925	-2.0077	0
9	1	2106.0615	0	-11.8435	-2.27	0
10	1	2106.0509	0	-14.2045	-2.7169	0
11	1	2079.1246	0	-20.3383	-4.4966	0
12	1	2111.8245	0	-19.5135	-3.6275	0
13	1	2096.4433	0	-25.6295	-5.1538	0
14	1	2084.8888	0	-32.9776	-7.0461	0
15	1	2046.4226	0	-52.9783	-14.4078	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	2013.683	-65.2704	38.0152	13.3918	23.0516
1	2	2013.683	65.2702	38.0105	13.3901	-23.0515
2	1	2084.7898	-120.0643	-0.684	-0.1219	25.6709
2	2	2084.7898	120.0483	-0.6894	-0.123	-25.6675
3	1	2084.8556	-91.7117	-3.4267	-0.7439	19.5727
3	2	2084.8556	91.7279	-3.4263	-0.7438	-19.5761
4	1	2096.428	-113.7564	-4.2977	-0.8648	22.8462
4	2	2096.428	113.7566	-4.2974	-0.8647	-22.8462
5	1	2111.8328	-121.565	-5.0045	-0.9348	22.6046
5	2	2111.8328	121.5649	-5.0043	-0.9348	-22.6046
6	1	2079.1108	-104.771	-7.8339	-1.7311	23.1149
6	2	2079.1108	104.771	-7.8338	-1.7311	-23.1149
7	1	2096.4398	-113.4575	-8.56	-1.7242	22.7833
7	2	2096.4398	113.4574	-8.56	-1.7242	-22.7832
8	1	2100.2776	-116.1435	-10.1925	-2.0077	22.8625
8	2	2100.2776	116.1435	-10.1926	-2.0077	-22.8625
9	1	2106.0615	-119.3463	-11.8434	-2.27	22.819
9	2	2106.0615	119.3463	-11.8436	-2.27	-22.819
10	1	2106.0509	-118.7473	-14.2043	-2.7169	22.7111
10	2	2106.0509	118.7472	-14.2046	-2.7169	-22.7111
11	1	2079.1246	-105.0183	-20.3381	-4.4966	23.1644
11	2	2079.1246	105.0183	-20.3385	-4.4967	-23.1644
12	1	2111.8245	-121.5117	-19.5133	-3.6274	22.5967
12	2	2111.8245	121.5116	-19.5138	-3.6275	-22.5967
13	1	2096.4433	-113.981	-25.6292	-5.1537	22.8849
13	2	2096.4433	113.981	-25.6298	-5.1538	-22.8849
14	1	2084.8888	-106.4448	-32.9772	-7.046	22.7509
14	2	2084.8888	106.4448	-32.9781	-7.0462	-22.7509
15	1	2046.4226	-83.7797	-52.9776	-14.4076	22.7798
15	2	2046.4226	83.7797	-52.979	-14.408	-22.7798

- 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	1934.3265	0	36.3136	12.7922	0
2	1	2005.4368	-0.0082	-0.651	-0.1161	0.0017
3	1	2005.5002	0.0082	-3.2683	-0.7096	-0.0018
4	1	2017.0708	0	-4.1012	-0.8254	0
5	1	2032.4757	0	-4.777	-0.8924	0
6	1	1999.7536	0	-7.4796	-1.653	0
7	1	2017.0827	0	-8.1736	-1.6464	0
8	1	2020.9204	0	-9.7334	-1.9174	0
9	1	2026.7043	0	-11.3105	-2.1679	0
10	1	2026.6937	0	-13.5659	-2.5949	0
11	1	1999.7673	0	-19.4245	-4.2947	0
12	1	2032.4673	0	-18.6372	-3.4647	0
13	1	2017.0859	0	-24.4788	-4.9225	0
14	1	2005.5314	0	-31.4976	-6.7301	0
15	1	1967.0649	0	-50.6012	-13.7614	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/m³]
- 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	2-1	3.96 × 4.64 = 18.4	0.235
2	1	5-9	0.89 × 3.78 = 3.4	0.816
3	1	2-2	4.00 × 4.61 = 18.4	0.262
4	1	2-1	4.00 × 4.53 = 18.1	0.271
5	1	2-1	4.00 × 4.52 = 18.1	0.277
6	1	2-1	3.99 × 4.55 = 18.2	0.262
7	1	2-1	3.99 × 4.53 = 18.1	0.271
8	1	2-2	3.99 × 4.53 = 18.1	0.273
9	1	2-2	3.99 × 4.52 = 18.1	0.275
10	1	2-2	3.99 × 4.52 = 18.0	0.274
11	1	2-2	3.98 × 4.54 = 18.1	0.262
12	1	2-2	3.98 × 4.52 = 18.0	0.276
13	1	2-2	3.98 × 4.53 = 18.0	0.269
14	1	2-2	3.97 × 4.54 = 18.0	0.264
15	1	2-2	3.95 × 4.59 = 18.1	0.247

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	2-1	200000	183512.24	0.235	4.314	0.331	1.41	9-24	153.6162	1014.0497	6.60
2	1	4-1	200000	179991.87	0.269	4.726	0.376	1.40	2-1	171.8079	1236.2343	7.20
3	1	2-2	200000	184317.73	0.262	4.713	0.376	1.44	9-9	225.3049	1022.1867	4.54
4	1	2-1	200000	181168.95	0.271	4.773	0.381	1.41	2-2	171.3511	1217.2948	7.10
5	1	2-1	200000	180668.57	0.277	4.843	0.389	1.40	2-2	169.5402	1232.8304	7.27
6	1	2-1	200000	181551.68	0.262	4.675	0.37	1.41	2-2	173.3799	1202.5088	6.94
7	1	2-1	200000	180923.96	0.271	4.755	0.379	1.40	2-2	170.9743	1236.6392	7.23
8	1	2-2	200000	180815.02	0.273	4.771	0.381	1.39	2-1	171.4948	1224.9896	7.14
9	1	2-2	200000	180584.27	0.275	4.797	0.384	1.40	2-1	171.1428	1215.477	7.10
10	1	2-2	200000	180362.21	0.274	4.79	0.383	1.40	2-1	170.3817	1233.8647	7.24
11	1	2-2	200000	180889.73	0.262	4.647	0.367	1.40	2-1	173.8626	1215.2203	6.99
12	1	2-2	200000	179991.87	0.276	4.808	0.385	1.40	2-1	169.5611	1244.2281	7.34
13	1	2-2	200000	180126.19	0.269	4.726	0.376	1.40	2-1	171.8079	1236.2343	7.20
14	1	2-2	200000	180421.84	0.264	4.659	0.368	1.40	2-1	170.9521	1235.8318	7.23
15	1	2-2	200000	181181.67	0.247	4.432	0.344	1.39	2-1	172.1786	1236.8598	7.18

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	6.9
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	4.7
11	400.0 × 500.0	4.6	6.9
12	400.0 × 500.0	3.1	4.7
13	400.0 × 500.0	4.6	7.0
14	400.0 × 500.0	4.6	7.0
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	-0.231	2 - 1
1	2713 ; -200	-0.258	2 - 1
1	2713 ; 200	-0.432	2 - 1
1	2413 ; 200	-0.406	2 - 1
2	33169 ; -200	-0.517	2 - 2
2	33469 ; -200	-0.502	2 - 2
2	33469 ; 200	-0.236	2 - 2
2	33169 ; 200	-0.252	2 - 2
3	7539 ; -200	-0.484	2 - 2
3	7839 ; -200	-0.482	2 - 2
3	7839 ; 200	-0.266	2 - 2
3	7539 ; 200	-0.268	2 - 2
4	10102 ; -200	-0.25	2 - 1
4	10402 ; -200	-0.248	2 - 1
4	10402 ; 200	-0.513	2 - 1
4	10102 ; 200	-0.515	2 - 1
5	12665 ; -200	-0.253	2 - 1
5	12965 ; -200	-0.25	2 - 1
5	12965 ; 200	-0.528	2 - 1
5	12665 ; 200	-0.531	2 - 1
6	15228 ; -200	-0.248	2 - 1
6	15528 ; -200	-0.243	2 - 1
6	15528 ; 200	-0.492	2 - 1
6	15228 ; 200	-0.496	2 - 1
7	17791 ; -200	-0.253	2 - 1
7	18091 ; -200	-0.246	2 - 1
7	18091 ; 200	-0.51	2 - 1
7	17791 ; 200	-0.517	2 - 1
8	20354 ; -200	-0.523	2 - 2
8	20654 ; -200	-0.516	2 - 2
8	20654 ; 200	-0.247	2 - 2
8	20354 ; 200	-0.253	2 - 2
9	22917 ; -200	-0.527	2 - 2
9	23217 ; -200	-0.521	2 - 2
9	23217 ; 200	-0.246	2 - 2
9	22917 ; 200	-0.252	2 - 2
10	25480 ; -200	-0.526	2 - 2
10	25780 ; -200	-0.517	2 - 2
10	25780 ; 200	-0.243	2 - 2
10	25480 ; 200	-0.252	2 - 2
11	28043 ; -200	-0.498	2 - 2

11	28343 ; -200	-0.485	2 - 2
11	28343 ; 200	-0.236	2 - 2
11	28043 ; 200	-0.249	2 - 2
12	30606 ; -200	-0.532	2 - 2
12	30906 ; -200	-0.52	2 - 2
12	30906 ; 200	-0.242	2 - 2
12	30606 ; 200	-0.254	2 - 2
13	33169 ; -200	-0.517	2 - 2
13	33469 ; -200	-0.502	2 - 2
13	33469 ; 200	-0.236	2 - 2
13	33169 ; 200	-0.252	2 - 2
14	35732 ; -200	-0.505	2 - 2
14	36032 ; -200	-0.484	2 - 2
14	36032 ; 200	-0.234	2 - 2
14	35732 ; 200	-0.254	2 - 2
15	38295 ; -200	-0.467	2 - 2
15	38595 ; -200	-0.432	2 - 2
15	38595 ; 200	-0.224	2 - 2
15	38295 ; 200	-0.258	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/mm ²]	caso- sest	tipo caso
1	2 363 ; -250	-0.162	2 - 1	SLU
1	2 763 ; -250	-0.175	2 - 1	SLU
1	2 763 ; 250	-0.269	2 - 1	SLU
1	2 363 ; 250	-0.256	2 - 1	SLU
2	33 119 ; -250	-0.315	2 - 2	SLU
2	33 519 ; -250	-0.307	2 - 2	SLU
2	33 519 ; 250	-0.17	2 - 2	SLU
2	33 119 ; 250	-0.177	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	-0.185	2 - 2	SLU
4	10 052 ; -250	-0.177	2 - 1	SLU
4	10 452 ; -250	-0.176	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	-0.322	2 - 1	SLU
5	12 615 ; 250	-0.323	2 - 1	SLU
6	15 178 ; -250	-0.174	2 - 1	SLU
6	15 578 ; -250	-0.172	2 - 1	SLU
6	15 578 ; 250	-0.302	2 - 1	SLU
6	15 178 ; 250	-0.304	2 - 1	SLU
7	17 741 ; -250	-0.178	2 - 1	SLU
7	18 141 ; -250	-0.175	2 - 1	SLU
7	18 141 ; 250	-0.312	2 - 1	SLU
7	17 741 ; 250	-0.315	2 - 1	SLU
8	20 304 ; -250	-0.318	2 - 2	SLU
8	20 704 ; -250	-0.315	2 - 2	SLU
8	20 704 ; 250	-0.176	2 - 2	SLU
8	20 304 ; 250	-0.179	2 - 2	SLU
9	22 867 ; -250	-0.32	2 - 2	SLU
9	23 267 ; -250	-0.318	2 - 2	SLU
9	23 267 ; 250	-0.176	2 - 2	SLU
9	22 867 ; 250	-0.178	2 - 2	SLU
10	25 430 ; -250	-0.32	2 - 2	SLU
10	25 830 ; -250	-0.316	2 - 2	SLU
10	25 830 ; 250	-0.174	2 - 2	SLU

10	25 430 ; 250	-0.178	2 - 2	SLU
11	27 993 ; -250	-0.305	2 - 2	SLU
11	28 393 ; -250	-0.298	2 - 2	SLU
11	28 393 ; 250	-0.169	2 - 2	SLU
11	27 993 ; 250	-0.175	2 - 2	SLU
12	30 556 ; -250	-0.323	2 - 2	SLU
12	30 956 ; -250	-0.318	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	-0.315	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	-0.177	2 - 2	SLU
14	35 682 ; -250	-0.308	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	-0.178	2 - 2	SLU
15	38 245 ; -250	-0.287	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	-0.177	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	2-2	621.3293	2035.6107	-1076.6866	400*120	28.15	53.22	3.3	-35
1-dx-tozzo	2-1	673.9122	2035.6107	-1076.6866	400*120	28.15	53.22	3	35
2-sx-tozzo	2-2	668.3995	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
2-dx-tozzo	2-1	667.5858	2035.6107	-1076.6866	400*120	28.15	53.22	3	35
3-sx-tozzo	2-1	670.0897	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
3-dx-tozzo	2-2	665.9225	2035.6107	-1076.6866	400*120	28.15	53.22	3.1	35
4-sx-tozzo	2-1	673.8747	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
4-dx-tozzo	2-2	668.7721	2035.6107	-1076.6866	400*120	28.15	53.22	3	35
5-sx-tozzo	2-1	678.6524	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
5-dx-tozzo	2-2	672.8224	2035.6107	-1076.6866	400*120	28.15	53.22	3	35
6-sx-tozzo	2-1	671.0621	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
6-dx-tozzo	2-2	661.66	2035.6107	-1076.6866	400*120	28.15	53.22	3.1	35
7-sx-tozzo	2-1	682.3244	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
7-dx-tozzo	2-2	668.2649	2035.6107	-1076.6866	400*120	28.15	53.22	3	35
8-sx-tozzo	2-2	686.4882	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
8-dx-tozzo	2-1	674.2343	2035.6107	-1076.6866	400*120	28.15	53.22	3	35
9-sx-tozzo	2-2	683.2911	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
9-dx-tozzo	2-1	672.8099	2035.6107	-1076.6866	400*120	28.15	53.22	3	35
10-sx-tozzo	2-2	682.6784	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
10-dx-tozzo	2-1	665.4833	2035.6107	-1076.6866	400*120	28.15	53.22	3.1	35
11-sx-tozzo	2-2	678.9819	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
11-dx-tozzo	2-1	653.7494	2035.6107	-1076.6866	400*120	28.15	53.22	3.1	35
12-sx-tozzo	2-2	687.4023	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
12-dx-tozzo	2-1	664.0688	2035.6107	-1076.6866	400*120	28.15	53.22	3.1	35
13-sx-tozzo	2-2	686.8486	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
13-dx-tozzo	2-1	655.8084	2035.6107	-1076.6866	400*120	28.15	53.22	3.1	35
14-sx-tozzo	2-2	688.2009	2035.6107	-1076.6866	400*120	28.15	53.22	3	-35
14-dx-tozzo	2-1	647.8353	2035.6107	-1076.6866	400*120	28.15	53.22	3.1	35
15-sx-tozzo	2-2	691.1905	2035.6107	-1076.6866	400*120	28.15	53.22	2.9	-35
15-dx-tozzo	2-1	622.8039	2035.6107	-1076.6866	400*120	28.15	53.22	3.3	35

Taglio:

punto maglia	caso-sest	Vsd [kN]	Vrd [kN]	Vsd non rid [kN]	Vrd non rid. [kN]	Sez [cm]	Af sup [cm ²]	Af inf [cm ²]	FS	X sez [cm]
1-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
1-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
2-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185

2-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
3-sx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
3-dx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
4-sx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
4-dx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
5-sx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
5-dx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
6-sx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
6-dx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
7-sx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
7-dx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
8-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
8-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
9-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
9-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
10-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
10-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
11-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
11-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
12-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
12-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
13-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
13-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
14-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
14-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	185
15-sx	2-2	0	1400.9667	-	-	400*120	28.15	53.22	>100	-185
15-dx	2-1	0	1400.9667	-	-	400*120	28.15	53.22	>100	185

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 [cm ²]	Af inf [cm ²]	FS	Y sez [cm]
1-sx-tozzo	2-1	1257.8313	1744.8091	-845.9681	300*120	22.12	45.62	1.4	-35
1-dx-tozzo	2-2	1257.8312	1744.8091	-845.9681	300*120	22.12	45.62	1.4	35
2-sx-tozzo	8-19	4097.2145	1744.8091	-845.9681	300*120	22.12	45.62	1.4	-35
2-dx-tozzo	8-14	3946.226	1744.8091	-845.9681	300*120	22.12	45.62	1.4	35
3-sx-tozzo	2-1	1351.1447	1744.8091	-845.9681	300*120	22.12	45.62	1.3	-35
3-dx-tozzo	2-2	1351.1561	1744.8091	-845.9681	300*120	22.12	45.62	1.3	35
4-sx-tozzo	2-1	1428.3369	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-35
4-dx-tozzo	2-2	1428.337	1744.8091	-845.9681	300*120	22.12	45.62	1.2	35
5-sx-tozzo	2-1	1456.0212	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-35
5-dx-tozzo	2-2	1456.0211	1744.8091	-845.9681	300*120	22.12	45.62	1.2	35
6-sx-tozzo	2-1	1396.6299	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-35
6-dx-tozzo	2-2	1396.6299	1744.8091	-845.9681	300*120	22.12	45.62	1.2	35
7-sx-tozzo	2-1	1433.4292	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-35
7-dx-tozzo	2-2	1433.4292	1744.8091	-845.9681	300*120	22.12	45.62	1.2	35
8-sx-tozzo	2-1	1448.9712	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-35
8-dx-tozzo	2-2	1448.9712	1744.8091	-845.9681	300*120	22.12	45.62	1.2	35
9-sx-tozzo	2-1	1454.1485	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-35
9-dx-tozzo	2-2	1454.1485	1744.8091	-845.9681	300*120	22.12	45.62	1.2	35
10-sx-tozzo	2-1	1445.9969	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-35
10-dx-tozzo	2-2	1445.9969	1744.8091	-845.9681	300*120	22.12	45.62	1.2	35
11-sx-tozzo	2-1	1397.4875	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-35
11-dx-tozzo	2-2	1397.4875	1744.8091	-845.9681	300*120	22.12	45.62	1.2	35
12-sx-tozzo	2-1	1455.8433	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-35
12-dx-tozzo	2-2	1455.8433	1744.8091	-845.9681	300*120	22.12	45.62	1.2	35
13-sx-tozzo	2-1	1429.0962	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-35
13-dx-tozzo	2-2	1429.0962	1744.8091	-845.9681	300*120	22.12	45.62	1.2	35
14-sx-tozzo	2-1	1402.62	1744.8091	-845.9681	300*120	22.12	45.62	1.2	-35
14-dx-tozzo	2-2	1402.62	1744.8091	-845.9681	300*120	22.12	45.62	1.2	35
15-sx-tozzo	2-1	1322.7881	1744.8091	-845.9681	300*120	22.12	45.62	1.3	-35
15-dx-tozzo	2-2	1322.7881	1744.8091	-845.9681	300*120	22.12	45.62	1.3	35

Taglio:

punto maglia	caso-sest	Vsd [kN]	Vrd [kN]	Vsd no rid [kN]	Vrd no rid [kN]	Sez [cm]	Af sup [cm ²]	Af inf [cm ²]	FS	Y sez [cm]
1-sx	2-1	147.9154	1016.377	-	-	300*120	22.12	45.62	6.9	-185
1-dx	2-2	147.9153	1016.377	-	-	300*120	22.12	45.62	6.9	185
2-sx	8-19	2443.9425	1016.377	-	-	300*120	22.12	45.62	5.8	-185

2-dx	8-14	1385.1614	1016.377	-	-	300*120	22.12	45.62	5.8	185
3-sx	2-1	160.4297	1016.377	-	-	300*120	22.12	45.62	6.3	-185
3-dx	2-2	160.4313	1016.377	-	-	300*120	22.12	45.62	6.3	185
4-sx	2-1	171.5373	1016.377	-	-	300*120	22.12	45.62	5.9	-185
4-dx	2-2	171.5373	1016.377	-	-	300*120	22.12	45.62	5.9	185
5-sx	2-1	175.3412	1016.377	-	-	300*120	22.12	45.62	5.8	-185
5-dx	2-2	175.3412	1016.377	-	-	300*120	22.12	45.62	5.8	185
6-sx	2-1	167.1754	1016.377	-	-	300*120	22.12	45.62	6.1	-185
6-dx	2-2	167.1754	1016.377	-	-	300*120	22.12	45.62	6.1	185
7-sx	2-1	172.0609	1016.377	-	-	300*120	22.12	45.62	5.9	-185
7-dx	2-2	172.0609	1016.377	-	-	300*120	22.12	45.62	5.9	185
8-sx	2-1	174.0521	1016.377	-	-	300*120	22.12	45.62	5.8	-185
8-dx	2-2	174.0521	1016.377	-	-	300*120	22.12	45.62	5.8	185
9-sx	2-1	174.9383	1016.377	-	-	300*120	22.12	45.62	5.8	-185
9-dx	2-2	174.9383	1016.377	-	-	300*120	22.12	45.62	5.8	185
10-sx	2-1	173.9671	1016.377	-	-	300*120	22.12	45.62	5.8	-185
10-dx	2-2	173.9671	1016.377	-	-	300*120	22.12	45.62	5.8	185
11-sx	2-1	167.3006	1016.377	-	-	300*120	22.12	45.62	6.1	-185
11-dx	2-2	167.3006	1016.377	-	-	300*120	22.12	45.62	6.1	185
12-sx	2-1	175.3153	1016.377	-	-	300*120	22.12	45.62	5.8	-185
12-dx	2-2	175.3153	1016.377	-	-	300*120	22.12	45.62	5.8	185
13-sx	2-1	171.6481	1016.377	-	-	300*120	22.12	45.62	5.9	-185
13-dx	2-2	171.6481	1016.377	-	-	300*120	22.12	45.62	5.9	185
14-sx	2-1	167.9594	1016.377	-	-	300*120	22.12	45.62	6.1	-185
14-dx	2-2	167.9594	1016.377	-	-	300*120	22.12	45.62	6.1	185
15-sx	2-1	156.895	1016.377	-	-	300*120	22.12	45.62	6.5	-185
15-dx	2-2	156.895	1016.377	-	-	300*120	22.12	45.62	6.5	185

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 - 2	230	1.15	115793.8	0	102.9862	6286.9508	53.1
2	2 - 1	230	1.15	115793.8	0	106.2258	6286.9508	51.5
3	2 - 1	230	1.15	115793.8	0	106.2292	6286.9508	51.5
4	2 - 1	230	1.15	115793.8	0	106.7567	6286.9508	51.2
5	2 - 1	230	1.15	115793.8	0	107.4587	6286.9508	50.9
6	2 - 1	230	1.15	115793.8	0	105.9677	6286.9508	51.6
7	2 - 1	230	1.15	115793.8	0	107.3883	6286.9508	50.9
8	2 - 2	230	1.15	115793.8	0	108.194	6286.9508	50.5
9	2 - 2	230	1.15	115793.8	0	107.8265	6286.9508	50.7
10	2 - 2	230	1.15	115793.8	0	107.1953	6286.9508	51
11	2 - 2	230	1.15	115793.8	0	105.9683	6286.9508	51.6
12	2 - 2	230	1.15	115793.8	0	107.4583	6286.9508	50.9
13	2 - 2	230	1.15	115793.8	0	106.7575	6286.9508	51.2
14	2 - 2	230	1.15	115793.8	0	106.231	6286.9508	51.5
15	2 - 2	230	1.15	115793.8	0	104.4782	6286.9508	52.3

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