


PONTE SULLO STRETTO DI MESSINA



PROGETTO DEFINITIVO

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 SOCIETÀ ITALIANA PER CONDOTTE D'ACQUA S.p.A. (MANDANTE)
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<p align="center"><i>Unità Funzionale</i></p> <p align="center"><i>Tipo di sistema</i></p> <p align="center"><i>Raggruppamento di opere/attività</i></p> <p align="center"><i>Opera - tratto d'opera - parte d'opera</i></p> <p align="center"><i>Titolo del documento</i></p>	<p align="center">OPERA DI ATTRAVERSAMENTO</p> <p align="center">CANTIERI</p> <p align="center">ITINERARI</p> <p align="center">NUOVI ITINERARI – NI.83</p> <p align="center">P-SN1 – SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOG.</p>	<div style="border: 1px solid black; padding: 5px; text-align: center;"> CZ0477_F0 </div>
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CODICE	<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>C</td><td>G</td><td>0</td><td>0</td><td>0</td><td>0</td><td>P</td><td>C</td><td>L</td><td>D</td><td>P</td><td>C</td><td>Z</td><td>C</td><td>2</td><td>N</td><td>I</td><td>8</td><td>3</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>2</td><td>F0</td> </tr> </table>	C	G	0	0	0	0	P	C	L	D	P	C	Z	C	2	N	I	8	3	0	0	0	0	0	2	F0
C	G	0	0	0	0	P	C	L	D	P	C	Z	C	2	N	I	8	3	0	0	0	0	0	2	F0		

REV	DATA	DESCRIZIONE	REDATTO	VERIFICATO	APPROVATO
F0	20/06/2011	EMISSIONE FINALE	PUGLIESE	FARINA	PAGANI

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

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1. Tabulati di calcolo spalle

1.1 Tabulati di input verifica trave

CALCESTRUZZO TRAVE

Peso specifico	γ = [kN/mc]	29.45
Classe di resistenza	=	C45/55
Resistenza caratteristica cubica	Rck = [MPa]	55.00
Resistenza caratteristica cilindrica	fck = [MPa]	45.65
Resistenza media cilindrica a compressione	fc _m = [MPa]	53.65
Resistenza di progetto a compressione	fcd = [MPa]	25.87
Resistenza caratteristica a trazione	fctk = [MPa]	2.68
Resistenza di progetto a trazione	fctd = [MPa]	1.79
Valore medio resist. a trazione semplice	fctm = [MPa]	3.83
Valore medio resist. a trazione per flessione	fc _{fm} = [MPa]	4.60
Modulo di elasticità longitudinale (a 28 gg)	E _{cm} = [MPa]	36416.11
Coefficiente parziale di sicurezza	C _c =	1.5
Coefficiente di Poisson	ν =	0.2
Coefficiente di dilatazione termica	α = [1/°C]	1E-05
Resistenza massima	f ₂ = [MPa]	25.87
Resistenza massima	f ₃ = [MPa]	25.87
Deformazione di picco	ϵ_{c2} =	0.002
Deformazione di picco	ϵ_{c3} =	0.00175
Deformazione ultima	ϵ_{cu2} =	0.0035
Deformazione ultima	ϵ_{cu3} =	0.0035
Tensione tangenziale di aderenza acciaio/cls	f _{bd} = [MPa]	3.25
Parametro s (funzione del tipo di cemento)	s =	0.25
Umidità relativa	RH = [%]	70
Coefficiente di ritiro	α_{ds1} =	6
Coefficiente di ritiro	α_{ds2} =	0.11

Calcestruzzo trave reagente a trazione fino a fct

CALCESTRUZZO SOLETTA

Peso specifico	γ = [kN/mc]	25.25
Classe di resistenza	=	C32/40
Resistenza caratteristica cubica	Rck = [MPa]	40.00
Resistenza caratteristica cilindrica	fck = [MPa]	33.20
Resistenza media cilindrica a compressione	fc _m = [MPa]	41.20
Resistenza di progetto a compressione	fcd = [MPa]	18.81
Resistenza caratteristica a trazione	fctk = [MPa]	2.17
Resistenza di progetto a trazione	fctd = [MPa]	1.45
Valore medio resist. a trazione semplice	fctm = [MPa]	3.10
Valore medio resist. a trazione per flessione	fc _{fm} = [MPa]	3.72
Modulo di elasticità longitudinale (a 28 gg)	E _{cm} = [MPa]	33642.78
Coefficiente parziale di sicurezza	C _c =	1.5
Coefficiente di Poisson	ν =	0.2
Coefficiente di dilatazione termica	α = [1/°C]	1E-05
Resistenza massima	f ₂ = [MPa]	18.81
Resistenza massima	f ₃ = [MPa]	18.81
Deformazione di picco	ϵ_{c2} =	0.002
Deformazione di picco	ϵ_{c3} =	0.00175
Deformazione ultima	ϵ_{cu2} =	0.0035
Deformazione ultima	ϵ_{cu3} =	0.0035
Tensione tangenziale di aderenza acciaio/cls	f _{bd} = [MPa]	3.25
Parametro s (funzione del tipo di cemento)	s =	0.25
Umidità relativa	RH = [%]	70
Coefficiente di ritiro	α_{ds1} =	4
Coefficiente di ritiro	α_{ds2} =	0.12

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Calcestruzzo soletta reagente a trazione fino a fct

ACCIAIO PER ARMATURA ORDINARIA ACCIAIO B450C

Tipo di acciaio	=	B450C
Coefficiente parziale di sicurezza	=	1.15
Tensione caratteristica di snervamento	fsyk = [MPa]	450.00
Tensione di progetto di snervamento	fsyd = [MPa]	391.30
Tensione caratteristica di rottura	fstk = [MPa]	540.00
Tensione di progetto a rottura	fstd = [MPa]	469.57
Modulo di elasticità longitudinale	Es = [MPa]	206000
Massima deformazione di calcolo	εud =	0.0675
Deformazione alla tensione di rottura	εuk =	0.075

ACCIAIO PER ARMATURA DA PRECOMPRESSIONE

Nome materiale: TREFOLO :

Tipo di acciaio	=	Trefoli
Coefficiente parziale di sicurezza	=	1.15
Tensione caratteristica di snervamento	fpyk = [MPa]	0.00
Tensione di progetto di snervamento	fpyd = [MPa]	0.00
Tensione caratteristica di rottura	fptk = [MPa]	1860.00
Tensione di progetto a rottura	fptd = [MPa]	1617.39
Tensione caratt. allo 0.1% di def.residua	fp(0.1)k = [MPa]	0.00
Tensione di progetto allo 0.1% di def.residua	fp(0.1)d = [MPa]	0.00
Tensione caratt. all' 1% di def.residua	fp(1)k = [MPa]	1670.00
Tensione di progetto all' 1% di def.residua	fp(1)d = [MPa]	1452.17
Modulo di elasticità longitudinale	Ep = [MPa]	195000
Massima deformazione di calcolo	εud =	0.0315
Deformazione alla tensione di rottura	εuk =	0.035
Perdita di rilassamento a 1000 ore	ρ1000 = [%]	2.5
Coefficiente di rilassamento a	a =	0.66
Coefficiente di rilassamento b	b =	9.1

GEOMETRIA CASSERI

Simbologia adottata

Vertice	=	N° vertice della sezione trasversale
X	=	Ascissa del vertice nel sistema di riferimento locale della sezione
Y	=	Ordinata del vertice nel sistema di riferimento locale della sezione
Cass.	=	N° cassero
Ac	=	Area della sezione in cls
Sx	=	Momento statico rispetto all'asse x
Sy	=	Momento statico rispetto all'asse y
Ix	=	Momento di inerzia rispetto all'asse x
Iy	=	Momento di inerzia rispetto all'asse y
xG	=	Ascissa del baricentro
yG	=	Ordinata del baricentro
IxG	=	Momento di inerzia rispetto all'asse x baricentrico
IyG	=	Momento di inerzia rispetto all'asse y baricentrico
Iu	=	Momento di inerzia rispetto all'asse x
Iv	=	Momento di inerzia rispetto all'asse y
θ	=	Rotazione del sistema principale u-v rispetto al sistema globale x-y

**Cass. Ac [cm²] Sx [cm³] Sy [cm³] Ix [cm⁴] Iy [cm⁴] xG [cm] yG [cm] IxG [cm⁴] IyG [cm⁴]
Iu [cm⁴] Iv [cm⁴] θ [deg]**

**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
RELAZIONE DI CALCOLO TIPOLOGICA**

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1	12490.00	+8.3E+05	+1.8E-11	+7.4E+07	+1.1E+07	0.00	
66.15	+1.9E+07	+1.1E+07	+1.9E+07	+1.1E+07	0.0		
2	9005.00+5.4E+05		+1.8E-11	+4.7E+07	+1.3E+07	0.00	59.54
+1.5E+07	+1.3E+07		+1.5E+07	+1.3E+07	0.0		
3	5462.00+2.9E+05		+1.8E-11	+2.6E+07	+1.0E+07	0.00	52.85
+1.1E+07	+1.0E+07		+1.1E+07	+1.0E+07	0.0		
4	9005.00+5.4E+05		+1.8E-11	+4.7E+07	+1.3E+07	0.00	59.54
+1.5E+07	+1.3E+07		+1.5E+07	+1.3E+07	0.0		
5	12490.00	+8.3E+05	+1.8E-11	+7.4E+07	+1.1E+07	0.00	
66.15	+1.9E+07	+1.1E+07	+1.9E+07	+1.1E+07	0.0		

CASSERO N°1 - Sezione tipo n°5 (Cassoncino 156/H128T)

N° vertici sezione: 21

VerticeX[cm]	Y[cm]	
1	0	0
2	-70	0
3	-70	10
4	-43	12
5	-35	23
6	-55	106
7	-58	118
8	-60	128
9	-33	128
10	-10	128
11	0	128
12	10	128
13	33	128
14	60	128
15	58	118
16	55	106
17	35	23
18	43	12
19	70	10
20	70	0
21	0	0

CASSERO N°2 - Sezione tipo n°4 (Cassoncino 156/H128R)

N° vertici sezione: 21

VerticeX[cm]	Y[cm]	
1	0	0
2	-70	0
3	-70	10
4	-43	12
5	-35	23
6	-55	106
7	-78	118
8	-78	128
9	-33	128
10	-10	33
11	0	31
12	10	33
13	33	128
14	78	128
15	78	118
16	55	106

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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17	35	23
18	43	12
19	70	10
20	70	0
21	0	0

CASSERO N°3 - Sezione tipo n°3 (Cassoncino 156/H128C)

N° vertici sezione: 21

VerticeX[cm]	Y[cm]	
1	0	0
2	-70	0
3	-70	10
4	-43	12
5	-35	23
6	-55	106
7	-78	118
8	-78	128
9	-48	128
10	-22	20
11	0	16
12	22	20
13	48	128
14	78	128
15	78	118
16	55	106
17	35	23
18	43	12
19	70	10
20	70	0
21	0	0

CASSERO N°4 - Sezione tipo n°4 (Cassoncino 156/H128R)

N° vertici sezione: 21

VerticeX[cm]	Y[cm]	
1	0	0
2	-70	0
3	-70	10
4	-43	12
5	-35	23
6	-55	106
7	-78	118
8	-78	128
9	-33	128
10	-10	33
11	0	31
12	10	33
13	33	128
14	78	128
15	78	118
16	55	106
17	35	23
18	43	12
19	70	10
20	70	0
21	0	0

CASSERO N°5 - Sezione tipo n°5 (Cassoncino 156/H128T)

N° vertici sezione: 21

Vertice	X[cm]	Y[cm]
1	0	0
2	-70	0
3	-70	10
4	-43	12
5	-35	23
6	-55	106
7	-58	118
8	-60	128
9	-33	128
10	-10	128
11	0	128
12	10	128
13	33	128
14	60	128
15	58	118
16	55	106
17	35	23
18	43	12
19	70	10
20	70	0
21	0	0

MASCHERA CAVI DI PRECOMPRESSIONE

Simbologia adottata

- Cavo = N° cavo
- X = Ascissa nel riferimento locale della sezione
- Y = Ordinata nel riferimento locale della sezione
- A = Area della sezione trasversale del cavo
- T = Tensione iniziale di tesatura
- Gi = Lunghezza della guaina iniziale
- Gf = Lunghezza della guaina finale
- Tipo = Materiale cavo

Cavo	X[cm]	Y[cm]	A[cm ²]	T[MPa]	Gi[cm]	Gf[cm]	Tipo
1	-26	+5	1.39	1400	150	150	TREFOLO
2	-22	+5	1.39	1400	150	150	TREFOLO
3	-18	+5	1.39	1400	150	150	TREFOLO
4	-14	+5	1.39	1400	150	150	TREFOLO
5	-10	+5	1.39	1400	150	150	TREFOLO
6	-3	+5	1.39	1400	150	150	TREFOLO
7	+3	+5	1.39	1400	150	150	TREFOLO
8	+10	+5	1.39	1400	150	150	TREFOLO
9	+14	+5	1.39	1400	150	150	TREFOLO
10	+18	+5	1.39	1400	150	150	TREFOLO
11	+22	+5	1.39	1400	150	150	TREFOLO
12	+26	+5	1.39	1400	150	150	TREFOLO
13	-26	+10	1.39	1400	0	0	TREFOLO
14	-22	+10	1.39	1400	0	0	TREFOLO
15	-18	+10	1.39	1400	0	0	TREFOLO
16	-14	+10	1.39	1400	0	0	TREFOLO
17	-10	+10	1.39	1400	0	0	TREFOLO
18	-3	+10	1.39	1400	0	0	TREFOLO
19	+3	+10	1.39	1400	0	0	TREFOLO
20	+10	+10	1.39	1400	0	0	TREFOLO
21	+14	+10	1.39	1400	0	0	TREFOLO

**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
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22	+18	+10	1.39	1400	0	0	TREFOLO
23	+22	+10	1.39	1400	0	0	TREFOLO
24	+26	+10	1.39	1400	0	0	TREFOLO
25	-52	+123	1.39	1200	0	0	TREFOLO
26	+51	+118	1.39	1200	0	0	TREFOLO
27	+52	+123	1.39	1200	0	0	TREFOLO
28	-57	+123	1.39	1200	0	0	TREFOLO
29	+57	+123	1.39	1200	0	0	TREFOLO
30	-50	+118	1.39	1200	0	0	TREFOLO

ARMATURA ORDINARIA

Simbologia adottata

Barra = N° barra
X = Ascissa nel riferimento locale della sezione
Y = Ordinata nel riferimento locale della sezione
 Φ = Diametro della barra
A = Area della sezione trasversale della barra

CASSERO N°1 - Sezione tipo n°5 (Cassoncino 156/H128T)

Barra	X[cm]	Y[cm]	Φ [mm]	A[cm ²]
1	-62.4	+4.1	8	0.50
2	-55.5	+4.1	8	0.50
3	-46.2	+4.7	8	0.50
4	-64.4	+6.2	8	0.50
5	-55.5	+6.9	8	0.50
6	-41.6	+7.4	8	0.50
7	-34.3	+17.0	8	0.50
8	-18.4	+4.5	8	0.50
9	+0.0	+4.1	8	0.50
10	+18.4	+4.3	8	0.50
11	+0.0	+14.1	8	0.50
12	+33.6	+17.0	8	0.50
13	+40.8	+7.4	8	0.50
14	+46.5	+4.7	8	0.50
15	+55.5	+4.1	8	0.50
16	+64.4	+4.1	8	0.50
17	+64.4	+6.2	8	0.50
18	+55.5	+6.9	8	0.50
19	-32.2	+29.3	8	0.50
20	-28.5	+29.3	8	0.50
21	-36.9	+48.8	8	0.50
22	-33.2	+48.8	8	0.50
23	-41.6	+68.2	8	0.50
24	-37.9	+68.2	8	0.50
25	-46.3	+87.6	8	0.50
26	-54.4	+111.0	8	0.50
27	-49.1	+112.9	8	0.50
28	-69.4	+119.3	8	0.50
29	-72.5	+123.3	8	0.50
30	-42.5	+87.6	8	0.50
31	+28.5	+29.3	8	0.50
32	+32.2	+29.3	8	0.50
33	+33.2	+48.8	8	0.50
34	+36.9	+48.8	8	0.50
35	+37.9	+68.2	8	0.50
36	+41.6	+68.2	8	0.50
37	+42.5	+87.6	8	0.50

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38	+46.3	+87.6	8	0.50
39	+49.1	+112.9	8	0.50
40	+54.4	+111.0	8	0.50
41	+69.4	+119.3	8	0.50
42	+72.5	+123.3	8	0.50
43	-58.8	+122.5	20	3.14
44	-68.2	+122.5	20	3.14
45	+58.8	+122.5	20	3.14
46	+68.2	+122.5	20	3.14

----- **Armatura soletta** -----

Barra	X [cm]	Y [cm]	Φ [mm]	A [cm2]
1	-90.0	+150.0	12	1.13
2	-70.0	+150.0	12	1.13
3	-50.0	+150.0	12	1.13
4	-30.0	+150.0	12	1.13
5	-10.0	+150.0	12	1.13
6	+10.0	+150.0	12	1.13
7	+30.0	+150.0	12	1.13
8	+50.0	+150.0	12	1.13
9	+70.0	+150.0	12	1.13
10	+90.0	+150.0	12	1.13
11	-90.0	+131.0	12	1.13
12	-70.0	+131.0	12	1.13
13	-50.0	+131.0	12	1.13
14	-30.0	+131.0	12	1.13
15	-10.0	+131.0	12	1.13
16	+10.0	+131.0	12	1.13
17	+30.0	+131.0	12	1.13
18	+50.0	+131.0	12	1.13
19	+70.0	+131.0	12	1.13
20	+90.0	+131.0	12	1.13

CASSERO N°2 - Sezione tipo n°4 (Cassoncino 156/H128R)

----- **Armatura trave** -----

Barra	X [cm]	Y [cm]	Φ [mm]	A [cm2]
1	-62.4	+4.1	8	0.50
2	-55.5	+4.1	8	0.50
3	-46.2	+4.7	8	0.50
4	-64.4	+6.2	8	0.50
5	-55.5	+6.9	8	0.50
6	-41.6	+7.4	8	0.50
7	-34.3	+17.0	8	0.50
8	-18.4	+4.5	8	0.50
9	+0.0	+4.1	8	0.50
10	+18.4	+4.3	8	0.50
11	+0.0	+14.1	8	0.50
12	+33.6	+17.0	8	0.50
13	+40.8	+7.4	8	0.50
14	+46.5	+4.7	8	0.50
15	+55.5	+4.1	8	0.50
16	+64.4	+4.1	8	0.50
17	+64.4	+6.2	8	0.50
18	+55.5	+6.9	8	0.50
19	-32.2	+29.3	8	0.50
20	-28.5	+29.3	8	0.50
21	-36.9	+48.8	8	0.50

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22	-33.2	+48.8	8	0.50
23	-41.6	+68.2	8	0.50
24	-37.9	+68.2	8	0.50
25	-46.3	+87.6	8	0.50
26	-54.4	+111.0	8	0.50
27	-49.1	+112.9	8	0.50
28	-69.4	+119.3	8	0.50
29	-72.5	+123.3	8	0.50
30	-42.5	+87.6	8	0.50
31	+28.5	+29.3	8	0.50
32	+32.2	+29.3	8	0.50
33	+33.2	+48.8	8	0.50
34	+36.9	+48.8	8	0.50
35	+37.9	+68.2	8	0.50
36	+41.6	+68.2	8	0.50
37	+42.5	+87.6	8	0.50
38	+46.3	+87.6	8	0.50
39	+49.1	+112.9	8	0.50
40	+54.4	+111.0	8	0.50
41	+69.4	+119.3	8	0.50
42	+72.5	+123.3	8	0.50
43	-58.8	+122.5	20	3.14
44	-68.2	+122.5	20	3.14
45	+58.8	+122.5	20	3.14
46	+68.2	+122.5	20	3.14

----- **Armatura soletta** -----

Barra	X[cm]	Y[cm]	Φ [mm]	A [cm2]
1	-90.0	+150.0	12	1.13
2	-70.0	+150.0	12	1.13
3	-50.0	+150.0	12	1.13
4	-30.0	+150.0	12	1.13
5	-10.0	+150.0	12	1.13
6	+10.0	+150.0	12	1.13
7	+30.0	+150.0	12	1.13
8	+50.0	+150.0	12	1.13
9	+70.0	+150.0	12	1.13
10	+90.0	+150.0	12	1.13
11	-90.0	+131.0	12	1.13
12	-70.0	+131.0	12	1.13
13	-50.0	+131.0	12	1.13
14	-30.0	+131.0	12	1.13
15	-10.0	+131.0	12	1.13
16	+10.0	+131.0	12	1.13
17	+30.0	+131.0	12	1.13
18	+50.0	+131.0	12	1.13
19	+70.0	+131.0	12	1.13
20	+90.0	+131.0	12	1.13

CASSERO N°3 - Sezione tipo n°3 (Cassoncino 156/H128C)

----- **Armatura trave** -----

Barra	X[cm]	Y[cm]	Φ [mm]	A [cm2]
1	-62.4	+4.1	8	0.50
2	-55.5	+4.1	8	0.50
3	-46.2	+4.7	8	0.50
4	-64.4	+6.2	8	0.50
5	-55.5	+6.9	8	0.50
6	-41.6	+7.4	8	0.50
7	-34.3	+17.0	8	0.50
8	-18.4	+4.5	8	0.50

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9	+0.0	+4.1	8	0.50
10	+18.4	+4.3	8	0.50
11	+0.0	+14.1	8	0.50
12	+33.6	+17.0	8	0.50
13	+40.8	+7.4	8	0.50
14	+46.5	+4.7	8	0.50
15	+55.5	+4.1	8	0.50
16	+64.4	+4.1	8	0.50
17	+64.4	+6.2	8	0.50
18	+55.5	+6.9	8	0.50
19	-32.2	+29.3	8	0.50
20	-28.5	+29.3	8	0.50
21	-36.9	+48.8	8	0.50
22	-33.2	+48.8	8	0.50
23	-41.6	+68.2	8	0.50
24	-37.9	+68.2	8	0.50
25	-46.3	+87.6	8	0.50
26	-54.4	+111.0	8	0.50
27	-49.1	+112.9	8	0.50
28	-69.4	+119.3	8	0.50
29	-72.5	+123.3	8	0.50
30	-42.5	+87.6	8	0.50
31	+28.5	+29.3	8	0.50
32	+32.2	+29.3	8	0.50
33	+33.2	+48.8	8	0.50
34	+36.9	+48.8	8	0.50
35	+37.9	+68.2	8	0.50
36	+41.6	+68.2	8	0.50
37	+42.5	+87.6	8	0.50
38	+46.3	+87.6	8	0.50
39	+49.1	+112.9	8	0.50
40	+54.4	+111.0	8	0.50
41	+69.4	+119.3	8	0.50
42	+72.5	+123.3	8	0.50
43	-58.8	+122.5	20	3.14
44	-68.2	+122.5	20	3.14
45	+58.8	+122.5	20	3.14
46	+68.2	+122.5	20	3.14

----- **Armatura soletta** -----

Barra	X[cm]	Y[cm]	Φ [mm]	A [cm2]
1	-90.0	+150.0	12	1.13
2	-70.0	+150.0	12	1.13
3	-50.0	+150.0	12	1.13
4	-30.0	+150.0	12	1.13
5	-10.0	+150.0	12	1.13
6	+10.0	+150.0	12	1.13
7	+30.0	+150.0	12	1.13
8	+50.0	+150.0	12	1.13
9	+70.0	+150.0	12	1.13
10	+90.0	+150.0	12	1.13
11	-90.0	+131.0	12	1.13
12	-70.0	+131.0	12	1.13
13	-50.0	+131.0	12	1.13
14	-30.0	+131.0	12	1.13
15	-10.0	+131.0	12	1.13
16	+10.0	+131.0	12	1.13
17	+30.0	+131.0	12	1.13
18	+50.0	+131.0	12	1.13
19	+70.0	+131.0	12	1.13
20	+90.0	+131.0	12	1.13

CASSERO N°4 - Sezione tipo n°4 (Cassoncino 156/H128R)

----- Armatura trave -----				
Barra	X[cm]	Y[cm]	Φ[mm]	A[cm2]
1	-62.4	+4.1	8	0.50
2	-55.5	+4.1	8	0.50
3	-46.2	+4.7	8	0.50
4	-64.4	+6.2	8	0.50
5	-55.5	+6.9	8	0.50
6	-41.6	+7.4	8	0.50
7	-34.3	+17.0	8	0.50
8	-18.4	+4.5	8	0.50
9	+0.0	+4.1	8	0.50
10	+18.4	+4.3	8	0.50
11	+0.0	+14.1	8	0.50
12	+33.6	+17.0	8	0.50
13	+40.8	+7.4	8	0.50
14	+46.5	+4.7	8	0.50
15	+55.5	+4.1	8	0.50
16	+64.4	+4.1	8	0.50
17	+64.4	+6.2	8	0.50
18	+55.5	+6.9	8	0.50
19	-32.2	+29.3	8	0.50
20	-28.5	+29.3	8	0.50
21	-36.9	+48.8	8	0.50
22	-33.2	+48.8	8	0.50
23	-41.6	+68.2	8	0.50
24	-37.9	+68.2	8	0.50
25	-46.3	+87.6	8	0.50
26	-54.4	+111.0	8	0.50
27	-49.1	+112.9	8	0.50
28	-69.4	+119.3	8	0.50
29	-72.5	+123.3	8	0.50
30	-42.5	+87.6	8	0.50
31	+28.5	+29.3	8	0.50
32	+32.2	+29.3	8	0.50
33	+33.2	+48.8	8	0.50
34	+36.9	+48.8	8	0.50
35	+37.9	+68.2	8	0.50
36	+41.6	+68.2	8	0.50
37	+42.5	+87.6	8	0.50
38	+46.3	+87.6	8	0.50
39	+49.1	+112.9	8	0.50
40	+54.4	+111.0	8	0.50
41	+69.4	+119.3	8	0.50
42	+72.5	+123.3	8	0.50
43	-58.8	+122.5	20	3.14
44	-68.2	+122.5	20	3.14
45	+58.8	+122.5	20	3.14
46	+68.2	+122.5	20	3.14

----- Armatura soletta -----				
Barra	X[cm]	Y[cm]	Φ[mm]	A[cm2]
1	-90.0	+150.0	12	1.13
2	-70.0	+150.0	12	1.13
3	-50.0	+150.0	12	1.13
4	-30.0	+150.0	12	1.13
5	-10.0	+150.0	12	1.13
6	+10.0	+150.0	12	1.13
7	+30.0	+150.0	12	1.13
8	+50.0	+150.0	12	1.13

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9	+70.0	+150.0	12	1.13
10	+90.0	+150.0	12	1.13
11	-90.0	+131.0	12	1.13
12	-70.0	+131.0	12	1.13
13	-50.0	+131.0	12	1.13
14	-30.0	+131.0	12	1.13
15	-10.0	+131.0	12	1.13
16	+10.0	+131.0	12	1.13
17	+30.0	+131.0	12	1.13
18	+50.0	+131.0	12	1.13
19	+70.0	+131.0	12	1.13
20	+90.0	+131.0	12	1.13

CASSERO N°5 - Sezione tipo n°5 (Cassoncino 156/H128T)

----- Armatura trave -----				
Barra	X[cm]	Y[cm]	Φ[mm]	A[cm2]
1	-62.4	+4.1	8	0.50
2	-55.5	+4.1	8	0.50
3	-46.2	+4.7	8	0.50
4	-64.4	+6.2	8	0.50
5	-55.5	+6.9	8	0.50
6	-41.6	+7.4	8	0.50
7	-34.3	+17.0	8	0.50
8	-18.4	+4.5	8	0.50
9	+0.0	+4.1	8	0.50
10	+18.4	+4.3	8	0.50
11	+0.0	+14.1	8	0.50
12	+33.6	+17.0	8	0.50
13	+40.8	+7.4	8	0.50
14	+46.5	+4.7	8	0.50
15	+55.5	+4.1	8	0.50
16	+64.4	+4.1	8	0.50
17	+64.4	+6.2	8	0.50
18	+55.5	+6.9	8	0.50
19	-32.2	+29.3	8	0.50
20	-28.5	+29.3	8	0.50
21	-36.9	+48.8	8	0.50
22	-33.2	+48.8	8	0.50
23	-41.6	+68.2	8	0.50
24	-37.9	+68.2	8	0.50
25	-46.3	+87.6	8	0.50
26	-54.4	+111.0	8	0.50
27	-49.1	+112.9	8	0.50
28	-69.4	+119.3	8	0.50
29	-72.5	+123.3	8	0.50
30	-42.5	+87.6	8	0.50
31	+28.5	+29.3	8	0.50
32	+32.2	+29.3	8	0.50
33	+33.2	+48.8	8	0.50
34	+36.9	+48.8	8	0.50
35	+37.9	+68.2	8	0.50
36	+41.6	+68.2	8	0.50
37	+42.5	+87.6	8	0.50
38	+46.3	+87.6	8	0.50
39	+49.1	+112.9	8	0.50
40	+54.4	+111.0	8	0.50
41	+69.4	+119.3	8	0.50
42	+72.5	+123.3	8	0.50
43	-58.8	+122.5	20	3.14
44	-68.2	+122.5	20	3.14
45	+58.8	+122.5	20	3.14
46	+68.2	+122.5	20	3.14

----- **Armatura soletta** -----

Barra	X[cm]	Y[cm]	Φ [mm]	A [cm2]
1	-90.0	+150.0	12	1.13
2	-70.0	+150.0	12	1.13
3	-50.0	+150.0	12	1.13
4	-30.0	+150.0	12	1.13
5	-10.0	+150.0	12	1.13
6	+10.0	+150.0	12	1.13
7	+30.0	+150.0	12	1.13
8	+50.0	+150.0	12	1.13
9	+70.0	+150.0	12	1.13
10	+90.0	+150.0	12	1.13
11	-90.0	+131.0	12	1.13
12	-70.0	+131.0	12	1.13
13	-50.0	+131.0	12	1.13
14	-30.0	+131.0	12	1.13
15	-10.0	+131.0	12	1.13
16	+10.0	+131.0	12	1.13
17	+30.0	+131.0	12	1.13
18	+50.0	+131.0	12	1.13
19	+70.0	+131.0	12	1.13
20	+90.0	+131.0	12	1.13

1.2 Tabulati di output verifica trave

Comb.n°: 18 - Fase n°:10

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COORDINATE NODALI

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Numero nodi:89

Nodo	X [cm]	Y [cm]
1	+0.00E+0	+0.00E+0
2	+2.00E+1	+0.00E+0
3	+2.30E+1	+0.00E+0
4	+4.00E+1	+0.00E+0
5	+6.00E+1	+0.00E+0
6	+8.00E+1	+0.00E+0
7	+1.00E+2	+0.00E+0
8	+1.20E+2	+0.00E+0
9	+1.40E+2	+0.00E+0
10	+1.60E+2	+0.00E+0
11	+1.80E+2	+0.00E+0
12	+2.00E+2	+0.00E+0
13	+2.15E+2	+0.00E+0
14	+2.30E+2	+0.00E+0
15	+2.45E+2	+0.00E+0
16	+2.65E+2	+0.00E+0
17	+2.85E+2	+0.00E+0
18	+3.05E+2	+0.00E+0
19	+3.25E+2	+0.00E+0
20	+3.45E+2	+0.00E+0
21	+3.65E+2	+0.00E+0
22	+3.85E+2	+0.00E+0
23	+4.05E+2	+0.00E+0
24	+4.25E+2	+0.00E+0
25	+4.45E+2	+0.00E+0

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26	+4.65E+2	+0.00E+0
27	+4.85E+2	+0.00E+0
28	+5.05E+2	+0.00E+0
29	+5.25E+2	+0.00E+0
30	+5.45E+2	+0.00E+0
31	+5.65E+2	+0.00E+0
32	+5.85E+2	+0.00E+0
33	+6.05E+2	+0.00E+0
34	+6.25E+2	+0.00E+0
35	+6.45E+2	+0.00E+0
36	+6.65E+2	+0.00E+0
37	+6.85E+2	+0.00E+0
38	+7.05E+2	+0.00E+0
39	+7.25E+2	+0.00E+0
40	+7.45E+2	+0.00E+0
41	+7.65E+2	+0.00E+0
42	+7.85E+2	+0.00E+0
43	+8.05E+2	+0.00E+0
44	+8.25E+2	+0.00E+0
45	+8.45E+2	+0.00E+0
46	+8.65E+2	+0.00E+0
47	+8.85E+2	+0.00E+0
48	+9.05E+2	+0.00E+0
49	+9.25E+2	+0.00E+0
50	+9.45E+2	+0.00E+0
51	+9.65E+2	+0.00E+0
52	+9.85E+2	+0.00E+0
53	+1.01E+3	+0.00E+0
54	+1.03E+3	+0.00E+0
55	+1.05E+3	+0.00E+0
56	+1.07E+3	+0.00E+0
57	+1.09E+3	+0.00E+0
58	+1.11E+3	+0.00E+0
59	+1.13E+3	+0.00E+0
60	+1.15E+3	+0.00E+0
61	+1.17E+3	+0.00E+0
62	+1.19E+3	+0.00E+0
63	+1.21E+3	+0.00E+0
64	+1.23E+3	+0.00E+0
65	+1.25E+3	+0.00E+0
66	+1.27E+3	+0.00E+0
67	+1.29E+3	+0.00E+0
68	+1.31E+3	+0.00E+0
69	+1.33E+3	+0.00E+0
70	+1.35E+3	+0.00E+0
71	+1.37E+3	+0.00E+0
72	+1.39E+3	+0.00E+0
73	+1.41E+3	+0.00E+0
74	+1.43E+3	+0.00E+0
75	+1.45E+3	+0.00E+0
76	+1.46E+3	+0.00E+0
77	+1.48E+3	+0.00E+0
78	+1.49E+3	+0.00E+0
79	+1.51E+3	+0.00E+0
80	+1.53E+3	+0.00E+0
81	+1.55E+3	+0.00E+0
82	+1.57E+3	+0.00E+0
83	+1.59E+3	+0.00E+0
84	+1.61E+3	+0.00E+0
85	+1.63E+3	+0.00E+0
86	+1.65E+3	+0.00E+0
87	+1.67E+3	+0.00E+0
88	+1.67E+3	+0.00E+0
89	+1.69E+3	+0.00E+0

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PROPRIETA' ELEMENTI		1:I-I 2:I-C 3:C-I 4:C-C		
ELEM.	L [cm]	A [cmq]	I _x [cm ⁴] TIPO	E [KN/cm ^q]
1-2	2.00E+11.71E+44.47E+71		3.92E+3	
2-3	3.00E+01.71E+44.47E+71		3.92E+3	
3-4	1.70E+11.71E+44.47E+71		3.92E+3	
4-5	2.00E+11.71E+44.47E+71		3.92E+3	
5-6	2.00E+11.71E+44.47E+71		3.92E+3	
6-7	2.00E+11.71E+44.47E+71		3.92E+3	
7-8	2.00E+11.71E+44.47E+71		3.92E+3	
8-9	2.00E+11.71E+44.47E+71		3.92E+3	
9-10	2.00E+11.71E+44.47E+71		3.92E+3	
10-11	2.00E+11.71E+44.47E+71		3.92E+3	
11-12	2.00E+11.54E+44.53E+71		3.92E+3	
12-13	1.50E+11.36E+44.59E+71		3.92E+3	
13-14	1.50E+11.36E+44.59E+71		3.92E+3	
14-15	1.50E+11.19E+44.63E+71		3.92E+3	
15-16	2.00E+11.01E+44.67E+71		3.92E+3	
16-17	2.00E+11.01E+44.67E+71		3.92E+3	
17-18	2.00E+11.01E+44.67E+71		3.92E+3	
18-19	2.00E+11.01E+44.67E+71		3.92E+3	
19-20	2.00E+11.01E+44.67E+71		3.92E+3	
20-21	2.00E+11.01E+44.67E+71		3.92E+3	
21-22	2.00E+11.01E+44.67E+71		3.92E+3	
22-23	2.00E+11.01E+44.67E+71		3.92E+3	
23-24	2.00E+11.01E+44.67E+71		3.92E+3	
24-25	2.00E+11.01E+44.67E+71		3.92E+3	
25-26	2.00E+11.01E+44.67E+71		3.92E+3	
26-27	2.00E+11.01E+44.67E+71		3.92E+3	
27-28	2.00E+11.01E+44.67E+71		3.92E+3	
28-29	2.00E+11.01E+44.67E+71		3.92E+3	
29-30	2.00E+11.01E+44.67E+71		3.92E+3	
30-31	2.00E+11.01E+44.67E+71		3.92E+3	
31-32	2.00E+11.01E+44.67E+71		3.92E+3	

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32-33	2.00E+11.01E+44.67E+71	3.92E+3
33-34	2.00E+11.01E+44.67E+71	3.92E+3
34-35	2.00E+11.01E+44.67E+71	3.92E+3
35-36	2.00E+11.01E+44.67E+71	3.92E+3
36-37	2.00E+11.01E+44.67E+71	3.92E+3
37-38	2.00E+11.01E+44.67E+71	3.92E+3
38-39	2.00E+11.01E+44.67E+71	3.92E+3
39-40	2.00E+11.01E+44.67E+71	3.92E+3
40-41	2.00E+11.01E+44.67E+71	3.92E+3
41-42	2.00E+11.01E+44.67E+71	3.92E+3
42-43	2.00E+11.01E+44.67E+71	3.92E+3
43-44	2.00E+11.01E+44.67E+71	3.92E+3
44-45	2.00E+11.01E+44.67E+71	3.92E+3
45-46	2.00E+11.01E+44.67E+71	3.92E+3
46-47	2.00E+11.01E+44.67E+71	3.92E+3
47-48	2.00E+11.01E+44.67E+71	3.92E+3
48-49	2.00E+11.01E+44.67E+71	3.92E+3
49-50	2.00E+11.01E+44.67E+71	3.92E+3
50-51	2.00E+11.01E+44.67E+71	3.92E+3
51-52	2.00E+11.01E+44.67E+71	3.92E+3
52-53	2.00E+11.01E+44.67E+71	3.92E+3
53-54	2.00E+11.01E+44.67E+71	3.92E+3
54-55	2.00E+11.01E+44.67E+71	3.92E+3
55-56	2.00E+11.01E+44.67E+71	3.92E+3
56-57	2.00E+11.01E+44.67E+71	3.92E+3
57-58	2.00E+11.01E+44.67E+71	3.92E+3
58-59	2.00E+11.01E+44.67E+71	3.92E+3
59-60	2.00E+11.01E+44.67E+71	3.92E+3
60-61	2.00E+11.01E+44.67E+71	3.92E+3
61-62	2.00E+11.01E+44.67E+71	3.92E+3
62-63	2.00E+11.01E+44.67E+71	3.92E+3
63-64	2.00E+11.01E+44.67E+71	3.92E+3
64-65	2.00E+11.01E+44.67E+71	3.92E+3

**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
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65-66	2.00E+11.01E+44.67E+71	3.92E+3
66-67	2.00E+11.01E+44.67E+71	3.92E+3
67-68	2.00E+11.01E+44.67E+71	3.92E+3
68-69	2.00E+11.01E+44.67E+71	3.92E+3
69-70	2.00E+11.01E+44.67E+71	3.92E+3
70-71	2.00E+11.01E+44.67E+71	3.92E+3
71-72	2.00E+11.01E+44.67E+71	3.92E+3
72-73	2.00E+11.01E+44.67E+71	3.92E+3
73-74	2.00E+11.01E+44.67E+71	3.92E+3
74-75	2.00E+11.01E+44.67E+71	3.92E+3
75-76	1.50E+11.19E+44.63E+71	3.92E+3
76-77	1.50E+11.36E+44.59E+71	3.92E+3
77-78	1.50E+11.36E+44.59E+71	3.92E+3
78-79	2.00E+11.54E+44.53E+71	3.92E+3
79-80	2.00E+11.71E+44.47E+71	3.92E+3
80-81	2.00E+11.71E+44.47E+71	3.92E+3
81-82	2.00E+11.71E+44.47E+71	3.92E+3
82-83	2.00E+11.71E+44.47E+71	3.92E+3
83-84	2.00E+11.71E+44.47E+71	3.92E+3
84-85	2.00E+11.71E+44.47E+71	3.92E+3
85-86	2.00E+11.71E+44.47E+71	3.92E+3
86-87	1.70E+11.71E+44.47E+71	3.92E+3
87-88	3.00E+01.71E+44.47E+71	3.92E+3
88-89	2.00E+11.71E+44.47E+71	3.92E+3

=====

VINCOLI

=====

Numero nodi vincolati:2

NODO DIREZIONE

3	12
87	2

=====

CARICHI NODALI

=====

Numero carichi:178

NODO DIREZIONE VALORE [kN]

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1	1	255.149642944336
2	1	290.662780761719
3	1	241.724304199219
4	1	440.686279296875
5	1	462.95068359375
6	1	379.398315429688
7	1	151.77978515625
8	1	-10.555419921875
9	1	43.650146484375
10	1	185.83251953125
11	1	117.364501953125
12	1	56.955810546875
13	1	146.470703125
14	1	-176.444580078125
15	1	-238.430419921875
16	1	15.72412109375
17	1	3.14697265625
18	1	3.034912109375
19	1	2.922119140625
20	1	2.81005859375
21	1	2.697509765625
22	1	2.585205078125
23	1	2.47265625
24	1	2.3603515625
25	1	2.248046875
26	1	2.135498046875
27	1	2.023193359375
28	1	1.91064453125
29	1	1.79833984375
30	1	1.68603515625
31	1	1.573486328125
32	1	1.461181640625
33	1	1.348876953125
34	1	1.236328125
35	1	1.1240234375
36	1	1.011474609375
37	1	0.899169921875
38	1	0.786865234375
39	1	0.67431640625
40	1	0.56201171875
41	1	0.44970703125
42	1	0.337158203125
43	1	0.224853515625
44	1	0.1123046875
45	1	0
46	1	-0.1123046875
47	1	-0.224853515625
48	1	-0.337158203125
49	1	-0.44970703125
50	1	-0.56201171875
51	1	-0.67431640625
52	1	-0.786865234375
53	1	-0.899169921875
54	1	-1.011474609375
55	1	-1.1240234375
56	1	-1.236328125
57	1	-1.348876953125
58	1	-1.461181640625
59	1	-1.573486328125
60	1	-1.68603515625
61	1	-1.79833984375
62	1	-1.91064453125
63	1	-2.023193359375
64	1	-2.135498046875
65	1	-2.248046875

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66	1	-2.3603515625
67	1	-2.47265625
68	1	-2.585205078125
69	1	-2.697509765625
70	1	-2.81005859375
71	1	-2.922119140625
72	1	-3.034912109375
73	1	-3.14697265625
74	1	-15.72412109375
75	1	238.430419921875
76	1	176.444580078125
77	1	-146.470703125
78	1	-56.955810546875
79	1	-117.364501953125
80	1	-185.83251953125
81	1	-43.650146484375
82	1	10.555419921875
83	1	-151.77978515625
84	1	-379.398315429688
85	1	-462.95068359375
86	1	-440.686279296875
87	1	-241.724304199219
88	1	-290.662780761719
89	1	-255.149642944336
1	3	5830.50270080566
2	3	6642.02575683594
3	3	5523.71673583984
4	3	10070.2560424805
5	3	10579.0283203125
6	3	8669.7509765625
7	3	3468.36242675781
8	3	-241.201782226563
9	3	18781.8572998047
10	3	24961.5234375
11	3	-3918.06030273438
12	3	-6627.34985351563
13	3	4689.36767578125
14	3	-14306.0729980469
15	3	-14693.994140625
16	3	398.126220703125
17	3	79.6875
18	3	76.837158203125
19	3	73.992919921875
20	3	71.142578125
21	3	68.29833984375
22	3	65.4541015625
23	3	62.60986328125
24	3	59.765625
25	3	56.915283203125
26	3	54.071044921875
27	3	51.226806640625
28	3	48.37646484375
29	3	45.5322265625
30	3	42.68798828125
31	3	39.84375
32	3	36.993408203125
33	3	34.1552734375
34	3	31.298828125
35	3	28.460693359375
36	3	25.6103515625
37	3	22.772216796875
38	3	19.915771484375
39	3	17.07763671875
40	3	14.227294921875
41	3	11.383056640625
42	3	8.538818359375

43	3	5.694580078125
44	3	2.84423828125
45	3	0
46	3	-2.84423828125
47	3	-5.694580078125
48	3	-8.538818359375
49	3	-11.383056640625
50	3	-14.227294921875
51	3	-17.07763671875
52	3	-19.915771484375
53	3	-22.772216796875
54	3	-25.6103515625
55	3	-28.460693359375
56	3	-31.298828125
57	3	-34.1552734375
58	3	-36.993408203125
59	3	-39.84375
60	3	-42.68798828125
61	3	-45.5322265625
62	3	-48.37646484375
63	3	-51.226806640625
64	3	-54.071044921875
65	3	-56.915283203125
66	3	-59.765625
67	3	-62.60986328125
68	3	-65.4541015625
69	3	-68.29833984375
70	3	-71.142578125
71	3	-73.992919921875
72	3	-76.837158203125
73	3	-79.6875
74	3	-398.126220703125
75	3	14693.994140625
76	3	14306.0729980469
77	3	-4689.36767578125
78	3	6627.34985351563
79	3	3918.06030273438
80	3	-24961.5234375
81	3	-18781.8572998047
82	3	241.201782226563
83	3	-3468.36242675781
84	3	-8669.7509765625
85	3	-10579.0283203125
86	3	-10070.2560424805
87	3	-5523.71673583984
88	3	-6642.02575683594
89	3	-5830.50270080566

Comb.n°: 19 - Fase n°:10

SPOSTAMENTI

NODO	Sx [cm]	SY [cm]	Rot [rad]
1	+1.01E-04	+9.38E-03	-4.07E-04
2	+2.44E-05	+1.22E-03	-4.08E-04
3	+0.00E+00	+0.00E+00	-4.08E-04
4	-2.00E-04	-6.95E-03	-4.10E-04
5	-5.66E-04	-1.52E-02	-4.11E-04
6	-1.07E-03	-2.34E-02	-4.13E-04
7	-1.69E-03	-3.17E-02	-4.15E-04
8	-2.35E-03	-4.00E-02	-4.16E-04
9	-3.01E-03	-4.83E-02	-4.16E-04
10	-3.69E-03	-5.67E-02	-4.17E-04

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11	-4.41E-03	-6.50E-02	-4.20E-04
12	-5.27E-03	-7.34E-02	-4.22E-04
13	-6.00E-03	-7.98E-02	-4.22E-04
14	-6.78E-03	-8.61E-02	-4.22E-04
15	-7.61E-03	-9.24E-02	-4.20E-04
16	-8.80E-03	-1.01E-01	-4.15E-04
17	-1.00E-02	-1.09E-01	-4.10E-04
18	-1.12E-02	-1.17E-01	-4.04E-04
19	-1.24E-02	-1.25E-01	-3.97E-04
20	-1.36E-02	-1.33E-01	-3.89E-04
21	-1.48E-02	-1.41E-01	-3.80E-04
22	-1.60E-02	-1.48E-01	-3.71E-04
23	-1.72E-02	-1.56E-01	-3.61E-04
24	-1.84E-02	-1.63E-01	-3.50E-04
25	-1.96E-02	-1.70E-01	-3.39E-04
26	-2.08E-02	-1.76E-01	-3.27E-04
27	-2.20E-02	-1.83E-01	-3.14E-04
28	-2.33E-02	-1.89E-01	-3.00E-04
29	-2.45E-02	-1.95E-01	-2.86E-04
30	-2.57E-02	-2.00E-01	-2.72E-04
31	-2.69E-02	-2.05E-01	-2.56E-04
32	-2.81E-02	-2.10E-01	-2.40E-04
33	-2.93E-02	-2.15E-01	-2.24E-04
34	-3.05E-02	-2.19E-01	-2.07E-04
35	-3.18E-02	-2.23E-01	-1.89E-04
36	-3.30E-02	-2.27E-01	-1.72E-04
37	-3.42E-02	-2.30E-01	-1.54E-04
38	-3.54E-02	-2.33E-01	-1.35E-04
39	-3.66E-02	-2.36E-01	-1.16E-04
40	-3.79E-02	-2.38E-01	-9.73E-05
41	-3.91E-02	-2.39E-01	-7.80E-05
42	-4.03E-02	-2.41E-01	-5.86E-05
43	-4.15E-02	-2.42E-01	-3.91E-05
44	-4.27E-02	-2.42E-01	-1.95E-05
45	-4.40E-02	-2.43E-01	+3.29E-15
46	-4.52E-02	-2.42E-01	+1.95E-05
47	-4.64E-02	-2.42E-01	+3.91E-05
48	-4.76E-02	-2.41E-01	+5.86E-05
49	-4.88E-02	-2.39E-01	+7.80E-05
50	-5.01E-02	-2.38E-01	+9.73E-05
51	-5.13E-02	-2.36E-01	+1.16E-04
52	-5.25E-02	-2.33E-01	+1.35E-04
53	-5.37E-02	-2.30E-01	+1.54E-04
54	-5.49E-02	-2.27E-01	+1.72E-04
55	-5.61E-02	-2.23E-01	+1.89E-04
56	-5.74E-02	-2.19E-01	+2.07E-04
57	-5.86E-02	-2.15E-01	+2.24E-04
58	-5.98E-02	-2.10E-01	+2.40E-04
59	-6.10E-02	-2.05E-01	+2.56E-04
60	-6.22E-02	-2.00E-01	+2.72E-04
61	-6.34E-02	-1.95E-01	+2.86E-04
62	-6.46E-02	-1.89E-01	+3.00E-04
63	-6.59E-02	-1.83E-01	+3.14E-04
64	-6.71E-02	-1.76E-01	+3.27E-04
65	-6.83E-02	-1.70E-01	+3.39E-04
66	-6.95E-02	-1.63E-01	+3.50E-04
67	-7.07E-02	-1.56E-01	+3.61E-04
68	-7.19E-02	-1.48E-01	+3.71E-04
69	-7.31E-02	-1.41E-01	+3.80E-04
70	-7.43E-02	-1.33E-01	+3.89E-04
71	-7.55E-02	-1.25E-01	+3.97E-04
72	-7.67E-02	-1.17E-01	+4.04E-04
73	-7.79E-02	-1.09E-01	+4.10E-04
74	-7.91E-02	-1.01E-01	+4.15E-04
75	-8.03E-02	-9.24E-02	+4.20E-04
76	-8.11E-02	-8.61E-02	+4.22E-04

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

77	-8.19E-02	-7.98E-02	+4.22E-04
78	-8.26E-02	-7.34E-02	+4.22E-04
79	-8.35E-02	-6.50E-02	+4.20E-04
80	-8.42E-02	-5.67E-02	+4.17E-04
81	-8.49E-02	-4.83E-02	+4.16E-04
82	-8.56E-02	-4.00E-02	+4.16E-04
83	-8.62E-02	-3.17E-02	+4.15E-04
84	-8.68E-02	-2.34E-02	+4.13E-04
85	-8.73E-02	-1.52E-02	+4.11E-04
86	-8.77E-02	-6.95E-03	+4.10E-04
87	-8.79E-02	+0.00E+00	+4.08E-04
88	-8.79E-02	+1.22E-03	+4.08E-04
89	-8.80E-02	+9.38E-03	+4.07E-04

CARATTERISTICHE DELLA SOLLECITAZIONE

- **Combinazione:** 19 - F12.SLE 1
- **Fase costruttiva:** 10 - Permanenti + accidentali di III fase

Simbologia adottata

ELEM = Nodi iniziale e finale dell'elemento
 Ni = Sforzo normale nodo iniziale
 Nj = Sforzo normale nodo finale
 Ti = Taglio nodo iniziale
 Tj = Taglio nodo finale
 Mi = Momento flettente nodo iniziale
 Mj = Momento flettente nodo finale

ELEM	Ni [kN]	Nj [kN]	Ti [kN]	Tj [kN]	Mi [kNcm]	Mj [kNcm]
1-2	-2.55E+02	-2.55E+02	-1.47E-11	+1.12E+01	-5.83E+03	-5.94E+03
2-3	-5.46E+02	-5.46E+02	+1.12E+01	+1.29E+01	-1.26E+04	-1.26E+04
3-4	-7.88E+02	-7.88E+02	-5.04E+02	-4.95E+02	-1.81E+04	-9.65E+03
4-5	-1.23E+03	-1.23E+03	-4.95E+02	-4.83E+02	-1.97E+04	-9.94E+03
5-6	-1.69E+03	-1.69E+03	-4.83E+02	-4.72E+02	-2.05E+04	-1.10E+04
6-7	-2.07E+03	-2.07E+03	-4.72E+02	-4.61E+02	-1.96E+04	-1.03E+04
7-8	-2.22E+03	-2.22E+03	-4.61E+02	-4.50E+02	-1.38E+04	-4.66E+03
8-9	-2.21E+03	-2.21E+03	-4.50E+02	-4.39E+02	-4.42E+03	+4.47E+03
9-10	-2.26E+03	-2.26E+03	-4.39E+02	-4.28E+02	-1.43E+04	-5.65E+03
10-11	-2.44E+03	-2.44E+03	-4.28E+02	-4.16E+02	-3.06E+04	-2.22E+04
11-12	-2.56E+03	-2.56E+03	-4.16E+02	-4.05E+02	-1.83E+04	-1.00E+04
12-13	-2.62E+03	-2.62E+03	-4.05E+02	-3.98E+02	-3.41E+03	+2.62E+03
13-14	-2.76E+03	-2.76E+03	-3.98E+02	-3.92E+02	-2.07E+03	+3.85E+03
14-15	-2.59E+03	-2.59E+03	-3.92E+02	-3.85E+02	+1.82E+04	+2.40E+04
15-16	-2.35E+03	-2.35E+03	-3.85E+02	-3.78E+02	+3.87E+04	+4.63E+04
16-17	-2.36E+03	-2.36E+03	-3.78E+02	-3.71E+02	+4.59E+04	+5.34E+04
17-18	-2.37E+03	-2.37E+03	-3.71E+02	-3.64E+02	+5.33E+04	+6.06E+04
18-19	-2.37E+03	-2.37E+03	-3.64E+02	-3.56E+02	+6.06E+04	+6.78E+04
19-20	-2.37E+03	-2.37E+03	-3.56E+02	-3.49E+02	+6.77E+04	+7.48E+04
20-21	-2.37E+03	-2.37E+03	-3.49E+02	-3.42E+02	+7.47E+04	+8.16E+04
21-22	-2.38E+03	-2.38E+03	-3.42E+02	-3.35E+02	+8.15E+04	+8.83E+04
22-23	-2.38E+03	-2.38E+03	-3.35E+02	-3.28E+02	+8.82E+04	+9.49E+04
23-24	-2.38E+03	-2.38E+03	-3.28E+02	-3.21E+02	+9.48E+04	+1.01E+05
24-25	-2.38E+03	-2.38E+03	-3.21E+02	-3.14E+02	+1.01E+05	+1.08E+05
25-26	-2.39E+03	-2.39E+03	-3.14E+02	-3.07E+02	+1.08E+05	+1.14E+05
26-27	-2.39E+03	-2.39E+03	-3.07E+02	-3.00E+02	+1.14E+05	+1.20E+05
27-28	-2.39E+03	-2.39E+03	-3.00E+02	-2.93E+02	+1.20E+05	+1.26E+05
28-29	-2.39E+03	-2.39E+03	-2.93E+02	-2.86E+02	+1.26E+05	+1.31E+05
29-30	-2.40E+03	-2.40E+03	-2.86E+02	-2.79E+02	+1.31E+05	+1.37E+05
30-31	-2.40E+03	-2.40E+03	-2.79E+02	-2.72E+02	+1.37E+05	+1.42E+05
31-32	-2.40E+03	-2.40E+03	-2.72E+02	-2.65E+02	+1.42E+05	+1.48E+05
32-33	-2.40E+03	-2.40E+03	-2.65E+02	-2.58E+02	+1.48E+05	+1.53E+05
33-34	-2.40E+03	-2.40E+03	-2.58E+02	-2.51E+02	+1.53E+05	+1.58E+05
34-35	-2.40E+03	-2.40E+03	-1.64E+02	-1.57E+02	+1.58E+05	+1.61E+05
35-36	-2.40E+03	-2.40E+03	-1.57E+02	-1.50E+02	+1.61E+05	+1.64E+05
36-37	-2.40E+03	-2.40E+03	-1.50E+02	-1.43E+02	+1.64E+05	+1.67E+05
37-38	-2.41E+03	-2.41E+03	-1.43E+02	-1.36E+02	+1.67E+05	+1.70E+05
38-39	-2.41E+03	-2.41E+03	-1.36E+02	-1.29E+02	+1.70E+05	+1.73E+05
39-40	-2.41E+03	-2.41E+03	-1.29E+02	-1.22E+02	+1.72E+05	+1.75E+05
40-41	-2.41E+03	-2.41E+03	-1.22E+02	-1.15E+02	+1.75E+05	+1.77E+05
41-42	-2.41E+03	-2.41E+03	-2.82E+01	-2.11E+01	+1.77E+05	+1.78E+05
42-43	-2.41E+03	-2.41E+03	-2.11E+01	-1.41E+01	+1.78E+05	+1.78E+05
43-44	-2.41E+03	-2.41E+03	-1.41E+01	-7.04E+00	+1.78E+05	+1.78E+05
44-45	-2.41E+03	-2.41E+03	-7.04E+00	+1.58E-11	+1.78E+05	+1.79E+05
45-46	-2.41E+03	-2.41E+03	+4.88E-09	+7.04E+00	+1.79E+05	+1.78E+05
46-47	-2.41E+03	-2.41E+03	+7.04E+00	+1.41E+01	+1.78E+05	+1.78E+05
47-48	-2.41E+03	-2.41E+03	+1.41E+01	+2.11E+01	+1.78E+05	+1.78E+05
48-49	-2.41E+03	-2.41E+03	+2.11E+01	+2.82E+01	+1.78E+05	+1.77E+05

49-50	-2.41E+03	-2.41E+03	+1.15E+02	+1.22E+02	+1.77E+05	+1.75E+05
50-51	-2.41E+03	-2.41E+03	+1.22E+02	+1.29E+02	+1.75E+05	+1.73E+05
51-52	-2.41E+03	-2.41E+03	+1.29E+02	+1.36E+02	+1.73E+05	+1.70E+05
52-53	-2.41E+03	-2.41E+03	+1.36E+02	+1.43E+02	+1.70E+05	+1.67E+05
53-54	-2.40E+03	-2.40E+03	+1.43E+02	+1.50E+02	+1.67E+05	+1.64E+05
54-55	-2.40E+03	-2.40E+03	+1.50E+02	+1.57E+02	+1.64E+05	+1.61E+05
55-56	-2.40E+03	-2.40E+03	+1.57E+02	+1.64E+02	+1.61E+05	+1.58E+05
56-57	-2.40E+03	-2.40E+03	+2.51E+02	+2.58E+02	+1.58E+05	+1.53E+05
57-58	-2.40E+03	-2.40E+03	+2.58E+02	+2.65E+02	+1.53E+05	+1.48E+05
58-59	-2.40E+03	-2.40E+03	+2.65E+02	+2.72E+02	+1.48E+05	+1.42E+05
59-60	-2.40E+03	-2.40E+03	+2.72E+02	+2.79E+02	+1.42E+05	+1.37E+05
60-61	-2.40E+03	-2.40E+03	+2.79E+02	+2.86E+02	+1.37E+05	+1.31E+05
61-62	-2.39E+03	-2.39E+03	+2.86E+02	+2.93E+02	+1.31E+05	+1.26E+05
62-63	-2.39E+03	-2.39E+03	+2.93E+02	+3.00E+02	+1.26E+05	+1.20E+05
63-64	-2.39E+03	-2.39E+03	+3.00E+02	+3.07E+02	+1.20E+05	+1.14E+05
64-65	-2.39E+03	-2.39E+03	+3.07E+02	+3.14E+02	+1.14E+05	+1.08E+05
65-66	-2.38E+03	-2.38E+03	+3.14E+02	+3.21E+02	+1.08E+05	+1.01E+05
66-67	-2.38E+03	-2.38E+03	+3.21E+02	+3.28E+02	+1.01E+05	+9.48E+04
67-68	-2.38E+03	-2.38E+03	+3.28E+02	+3.35E+02	+9.49E+04	+8.82E+04
68-69	-2.38E+03	-2.38E+03	+3.35E+02	+3.42E+02	+8.83E+04	+8.15E+04
69-70	-2.37E+03	-2.37E+03	+3.42E+02	+3.49E+02	+8.16E+04	+7.47E+04
70-71	-2.37E+03	-2.37E+03	+3.49E+02	+3.56E+02	+7.48E+04	+6.77E+04
71-72	-2.37E+03	-2.37E+03	+3.56E+02	+3.64E+02	+6.78E+04	+6.06E+04
72-73	-2.37E+03	-2.37E+03	+3.64E+02	+3.71E+02	+6.06E+04	+5.33E+04
73-74	-2.36E+03	-2.36E+03	+3.71E+02	+3.78E+02	+5.34E+04	+4.59E+04
74-75	-2.35E+03	-2.35E+03	+3.78E+02	+3.85E+02	+4.63E+04	+3.87E+04
75-76	-2.59E+03	-2.59E+03	+3.85E+02	+3.92E+02	+2.40E+04	+1.82E+04
76-77	-2.76E+03	-2.76E+03	+3.92E+02	+3.98E+02	+3.85E+03	-2.07E+03
77-78	-2.62E+03	-2.62E+03	+3.98E+02	+4.05E+02	+2.62E+03	-3.41E+03
78-79	-2.56E+03	-2.56E+03	+4.05E+02	+4.16E+02	-1.00E+04	-1.83E+04
79-80	-2.44E+03	-2.44E+03	+4.16E+02	+4.28E+02	-2.22E+04	-3.06E+04
80-81	-2.26E+03	-2.26E+03	+4.28E+02	+4.39E+02	-5.65E+03	-1.43E+04
81-82	-2.21E+03	-2.21E+03	+4.39E+02	+4.50E+02	+4.47E+03	-4.42E+03
82-83	-2.22E+03	-2.22E+03	+4.50E+02	+4.61E+02	-4.66E+03	-1.38E+04
83-84	-2.07E+03	-2.07E+03	+4.61E+02	+4.72E+02	-1.03E+04	-1.96E+04
84-85	-1.69E+03	-1.69E+03	+4.72E+02	+4.83E+02	-1.10E+04	-2.05E+04
85-86	-1.23E+03	-1.23E+03	+4.83E+02	+4.95E+02	-9.94E+03	-1.97E+04
86-87	-7.88E+02	-7.88E+02	+4.95E+02	+5.04E+02	-9.65E+03	-1.81E+04
87-88	-5.46E+02	-5.46E+02	-1.29E+01	-1.12E+01	-1.26E+04	-1.26E+04
88-89	-2.55E+02	-2.55E+02	-1.12E+01	-2.18E-10	-5.94E+03	-5.83E+03

REAZIONI VINCOLARI

- **Combinazione:** 19 - F12.SLE 1
- **Fase costruttiva:** 10 - Permanenti + accidentali di III fase

Simbologia adottata

NODO = Numero nodo vincolato
Rx = Reazione lungo l'asse x globale
Ry = Reazione lungo l'asse y globale
Rm = Momento attorno all'asse z globale

NODO	Rx [kN]	Ry [kN]	Rm [kNcm]
3	-5.35E-11	+5.17E+02	+2.25E-08
87	+2.07E-10	+5.17E+02	-2.54E-08

PROPRIETA' CLS(t) - RITIRO

Simbologia adottata

Css = Cassero n°
 Ac = Area della sezione in CLS
 u = Perimetro della sezione in CLS esposto all'aria
 t = Età del CLS al momento di valutazione del fenomeno
 ts = Età del CLS all'inizio del fenomeno
 βRH = Coefficiente di umidità relativa
 Ecd0 = Deformazione nominale da ritiro
 h0 = Dimensione fittizia pari al rapporto 2Ac / u
 Kh = Valore tabellare interpolato
 Ecdi = Valore medio a t_infinity della deformazione per ritiro da essiccamento
 βds(t) = Funzione sviluppo del ritiro nel tempo
 Ecd(t) = Deformazione per ritiro da essiccamento
 Ecai = Valore medio a t_infinity della deformazione per ritiro autogeno
 βas(t) = Funzione evoluzione del ritiro nel tempo
 Eca(t) = Deformazione per ritiro autogeno
 EPs = Deformazione totale da ritiro

Fase costruttiva: 1 - Maturazione cls trave

Css N°	Ac [mq]	u [m]	t [gg]	s [gg]	βRH [%]	Ecd0 [%]	h0 [mm]	Kh	Ecdi [%]	βds(t)	Ecd(t) [%]	Ecai [%]	βas(t)	Eca(t) [%]	EPs [%]
1	1.25	5.772	4	1	-1.018	-0.515	433	0.707	-0.364	0.008	-0.003	-0.044	0.330	-0.014	-0.017
2	0.90	7.899	4	1	-1.018	-0.515	228	0.830	-0.428	0.021	-0.009	-0.044	0.330	-0.014	-0.024
3	0.55	8.109	4	1	-1.018	-0.515	135	0.931	-0.480	0.046	-0.022	-0.044	0.330	-0.014	-0.036
4	0.90	7.899	4	1	-1.018	-0.515	228	0.830	-0.428	0.021	-0.009	-0.044	0.330	-0.014	-0.024
5	1.25	5.772	4	1	-1.018	-0.515	433	0.707	-0.364	0.008	-0.003	-0.044	0.330	-0.014	-0.017

Fase costruttiva: 2 - Rilascio armature di precompressione

Css N°	Ac [mq]	u [m]	t [gg]	s [gg]	βRH [%]	Ecd0 [%]	h0 [mm]	Kh	Ecdi [%]	βds(t)	Ecd(t) [%]	Ecai [%]	βas(t)	Eca(t) [%]	EPs [%]
1	1.25	5.772	5	1	-1.018	-0.501	433	0.707	-0.354	0.011	-0.004	-0.050	0.361	-0.018	-0.022
2	0.90	7.899	5	1	-1.018	-0.501	228	0.830	-0.416	0.028	-0.012	-0.050	0.361	-0.018	-0.030
3	0.55	8.109	5	1	-1.018	-0.501	135	0.931	-0.466	0.060	-0.028	-0.050	0.361	-0.018	-0.046
4	0.90	7.899	5	1	-1.018	-0.501	228	0.830	-0.416	0.028	-0.012	-0.050	0.361	-0.018	-0.030
5	1.25	5.772	5	1	-1.018	-0.501	433	0.707	-0.354	0.011	-0.004	-0.050	0.361	-0.018	-0.022

Fase costruttiva: 3 - Sollevamento della trave

Css N°	Ac [mq]	u [m]	t [gg]	s [gg]	βRH [%]	Ecd0 [%]	h0 [mm]	Kh	Ecdi [%]	βds(t)	Ecd(t) [%]	Ecai [%]	βas(t)	Eca(t) [%]	EPs [%]
1	1.25	5.772	6	1	-1.018	-0.490	433	0.707	-0.346	0.014	-0.005	-0.055	0.387	-0.021	-0.026
2	0.90	7.899	6	1	-1.018	-0.490	228	0.830	-0.407	0.035	-0.014	-0.055	0.387	-0.021	-0.036
3	0.55	8.109	6	1	-1.018	-0.490	135	0.931	-0.456	0.074	-0.034	-0.055	0.387	-0.021	-0.055
4	0.90	7.899	6	1	-1.018	-0.490	228	0.830	-0.407	0.035	-0.014	-0.055	0.387	-0.021	-0.036
5	1.25	5.772	6	1	-1.018	-0.490	433	0.707	-0.346	0.014	-0.005	-0.055	0.387	-0.021	-0.026

Fase costruttiva: 4 - Stoccaggio della trave

Css N°	Ac [mq]	u [m]	t [gg]	s [gg]	βRH [%]	Ecd0 [%]	h0 [mm]	Kh	Ecdi [%]	βds(t)	Ecd(t) [%]	Ecai [%]	βas(t)	Eca(t) [%]	EPs [%]
1	1.25	5.772	15	1	-1.018	-0.445	433	0.707	-0.314	0.037	-0.012	-0.077	0.539	-0.042	-0.053
2	0.90	7.899	15	1	-1.018	-0.445	228	0.830	-0.369	0.092	-0.034	-0.077	0.539	-0.042	-0.076
3	0.55	8.109	15	1	-1.018	-0.445	135	0.931	-0.414	0.183	-0.076	-0.077	0.539	-0.042	-0.117
4	0.90	7.899	15	1	-1.018	-0.445	228	0.830	-0.369	0.092	-0.034	-0.077	0.539	-0.042	-0.076
5	1.25	5.772	15	1	-1.018	-0.445	433	0.707	-0.314	0.037	-0.012	-0.077	0.539	-0.042	-0.053

**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
RELAZIONE DI CALCOLO TIPOLOGICA**

Codice documento

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Rev

F0

Data

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Fase costruttiva: 5 - Trasporto della trave

Css N°	Ac [mq]	u [m]	t [gg]	s [gg]	SRH [%]	Ecd0 [%]	h0 [mm]	Kh	Ecdi [%]	Sds (t)	Ecd (t) [%]	Ecai [%]	Sas (t)	Eca (t) [%]	EPs [%]
1	1.25	5.772	30	1	-1.018	-0.420	433	0.707	-0.297	0.075	-0.022	-0.090	0.666	-0.060	-0.082
2	0.90	7.899	30	1	-1.018	-0.420	228	0.830	-0.349	0.174	-0.061	-0.090	0.666	-0.060	-0.121
3	0.55	8.109	30	1	-1.018	-0.420	135	0.931	-0.391	0.317	-0.124	-0.090	0.666	-0.060	-0.184
4	0.90	7.899	30	1	-1.018	-0.420	228	0.830	-0.349	0.174	-0.061	-0.090	0.666	-0.060	-0.121
5	1.25	5.772	30	1	-1.018	-0.420	433	0.707	-0.297	0.075	-0.022	-0.090	0.666	-0.060	-0.082

Fase costruttiva: 6 - Messa in opera della trave

Css N°	Ac [mq]	u [m]	t [gg]	s [gg]	SRH [%]	Ecd0 [%]	h0 [mm]	Kh	Ecdi [%]	Sds (t)	Ecd (t) [%]	Ecai [%]	Sas (t)	Eca (t) [%]	EPs [%]
1	1.25	5.772	36	1	-1.018	-0.415	433	0.707	-0.293	0.089	-0.026	-0.093	0.699	-0.065	-0.091
2	0.90	7.899	36	1	-1.018	-0.415	228	0.830	-0.344	0.203	-0.070	-0.093	0.699	-0.065	-0.135
3	0.55	8.109	36	1	-1.018	-0.415	135	0.931	-0.386	0.359	-0.139	-0.093	0.699	-0.065	-0.204
4	0.90	7.899	36	1	-1.018	-0.415	228	0.830	-0.344	0.203	-0.070	-0.093	0.699	-0.065	-0.135
5	1.25	5.772	36	1	-1.018	-0.415	433	0.707	-0.293	0.089	-0.026	-0.093	0.699	-0.065	-0.091

Fase costruttiva: 7 - Permanenti di I fase

Css N°	Ac [mq]	u [m]	t [gg]	s [gg]	SRH [%]	Ecd0 [%]	h0 [mm]	Kh	Ecdi [%]	Sds (t)	Ecd (t) [%]	Ecai [%]	Sas (t)	Eca (t) [%]	EPs [%]
1	1.25	5.772	40	1	-1.018	-0.412	433	0.707	-0.291	0.098	-0.028	-0.095	0.718	-0.068	-0.096
2	0.90	7.899	40	1	-1.018	-0.412	228	0.830	-0.342	0.221	-0.075	-0.095	0.718	-0.068	-0.143
3	0.55	8.109	40	1	-1.018	-0.412	135	0.931	-0.384	0.384	-0.147	-0.095	0.718	-0.068	-0.215
4	0.90	7.899	40	1	-1.018	-0.412	228	0.830	-0.342	0.221	-0.075	-0.095	0.718	-0.068	-0.143
5	1.25	5.772	40	1	-1.018	-0.412	433	0.707	-0.291	0.098	-0.028	-0.095	0.718	-0.068	-0.096

Fase costruttiva: 8 - Maturazione soletta

Css N°	Ac [mq]	u [m]	t [gg]	s [gg]	SRH [%]	Ecd0 [%]	h0 [mm]	Kh	Ecdi [%]	Sds (t)	Ecd (t) [%]	Ecai [%]	Sas (t)	Eca (t) [%]	EPs [%]
1	1.25	4.572	46	1	-1.018	-0.408	546	0.662	-0.270	0.081	-0.022	-0.097	0.742	-0.072	-0.094
2	0.90	6.339	46	1	-1.018	-0.408	284	0.788	-0.322	0.190	-0.061	-0.097	0.742	-0.072	-0.133
3	0.55	6.549	46	1	-1.018	-0.408	167	0.890	-0.364	0.343	-0.125	-0.097	0.742	-0.072	-0.197
4	0.90	6.339	46	1	-1.018	-0.408	284	0.788	-0.322	0.190	-0.061	-0.097	0.742	-0.072	-0.133
5	1.25	4.572	46	1	-1.018	-0.408	546	0.662	-0.270	0.081	-0.022	-0.097	0.742	-0.072	-0.094

Fase costruttiva: 9 - Permanenti di II fase

Css N°	Ac [mq]	u [m]	t [gg]	s [gg]	SRH [%]	Ecd0 [%]	h0 [mm]	Kh	Ecdi [%]	Sds (t)	Ecd (t) [%]	Ecai [%]	Sas (t)	Eca (t) [%]	EPs [%]
1	1.25	4.572	60	1	-1.018	-0.402	546	0.662	-0.266	0.104	-0.028	-0.100	0.788	-0.079	-0.106
2	0.90	6.339	60	1	-1.018	-0.402	284	0.788	-0.317	0.235	-0.075	-0.100	0.788	-0.079	-0.154
3	0.55	6.549	60	1	-1.018	-0.402	167	0.890	-0.358	0.406	-0.145	-0.100	0.788	-0.079	-0.224
4	0.90	6.339	60	1	-1.018	-0.402	284	0.788	-0.317	0.235	-0.075	-0.100	0.788	-0.079	-0.154
5	1.25	4.572	60	1	-1.018	-0.402	546	0.662	-0.266	0.104	-0.028	-0.100	0.788	-0.079	-0.106

Fase costruttiva: 10 - Permanenti + accidentali di III fase

Css N°	Ac [mq]	u [m]	t [gg]	s [gg]	SRH [%]	Ecd0 [%]	h0 [mm]	Kh	Ecdi [%]	Sds (t)	Ecd (t) [%]	Ecai [%]	Sas (t)	Eca (t) [%]	EPs [%]
1	1.25	4.572	30000	1	-1.018	-0.359	546	0.662	-0.238	0.983	-0.234	-0.126	1.000	-0.126	-0.360
2	0.90	6.339	30000	1	-1.018	-0.359	284	0.788	-0.283	0.994	-0.281	-0.126	1.000	-0.126	-0.407
3	0.55	6.549	30000	1	-1.018	-0.359	167	0.890	-0.320	0.997	-0.319	-0.126	1.000	-0.126	-0.445
4	0.90	6.339	30000	1	-1.018	-0.359	284	0.788	-0.283	0.994	-0.281	-0.126	1.000	-0.126	-0.407
5	1.25	4.572	30000	1	-1.018	-0.359	546	0.662	-0.238	0.983	-0.234	-0.126	1.000	-0.126	-0.360

PROPRIETA' CLS (t) = VISCOSITA'

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Simbologia adottata

Ac = Area della sezione in CLS
u = Perimetro della sezione in CLS esposto all'aria
t = Età del CLS al momento di valutazione del fenomeno
to = Età del CLS all'inizio del fenomeno
h0 = Dimensione fittizia pari al rapporto $2Ac / u$
a1 = Coefficiente di resistenza del cls
a2 = Coefficiente di resistenza del cls
a3 = Coefficiente di resistenza del cls
 \varnothing_{RH} = Fattore di umidità relativa
 β_H = Coefficiente funzione dell'umidità relativa e di h0
 \varnothing_o = Coefficiente di viscosità finale
 $\beta_c(t)$ = Funzione evoluzione della viscosità nel tempo
 $\varnothing(t)$ = Coefficiente di viscosità

Fase costruttiva: 1 - Maturazione cls trave

Css	Ac	u	t	to	h0	a1	a2	a3	\varnothing_{RH}	β_H	\varnothing_o	$\beta_c(t)$
N°	$\varnothing(t)$	[m]	[gg]	[gg]	[mm]							
	[mq]											
1	1.25	5.772	4	4	433	0.989	1	0.992	1.07	921.97	2.131	0.000
0.000												
2	0.90	7.899	4	4	228	0.989	1	0.992	0.86	604.06	1.700	0.000
0.000												
3	0.55	8.109	4	4	135	0.989	1	0.992	0.64	459.19	1.270	0.000
0.000												
4	0.90	7.899	4	4	228	0.989	1	0.992	0.86	604.06	1.700	0.000
0.000												
5	1.25	5.772	4	4	433	0.989	1	0.992	1.07	921.97	2.131	0.000
0.000												

Fase costruttiva: 2 - Rilascio armature di precompressione

Css	Ac	u	t	to	h0	a1	a2	a3	\varnothing_{RH}	β_H	\varnothing_o	$\beta_c(t)$
N°	$\varnothing(t)$	[m]	[gg]	[gg]	[mm]							
	[mq]											
1	1.25	5.772	5	4	433	0.942	1	0.958	1.07	898.92	1.966	0.130
0.255												
2	0.90	7.899	5	4	228	0.942	1	0.958	0.86	591.91	1.591	0.147
0.234												
3	0.55	8.109	5	4	135	0.942	1	0.958	0.66	452.01	1.216	0.160
0.194												
4	0.90	7.899	5	4	228	0.942	1	0.958	0.86	591.91	1.591	0.147
0.234												
5	1.25	5.772	5	4	433	0.942	1	0.958	1.07	898.92	1.966	0.130
0.255												

Fase costruttiva: 3 - Sollevamento della trave

Css	Ac	u	t	to	h0	a1	a2	a3	\varnothing_{RH}	β_H	\varnothing_o	$\beta_c(t)$
N°	$\varnothing(t)$	[m]	[gg]	[gg]	[mm]							
	[mq]											
1	1.25	5.772	6	4	433	0.909	1	0.934	1.07	882.41	1.846	0.161
0.297												
2	0.90	7.899	6	4	228	0.909	1	0.934	0.87	583.21	1.509	0.182
0.275												
3	0.55	8.109	6	4	135	0.909	1	0.934	0.68	446.87	1.172	0.197
0.231												

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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4	0.90	7.899	6	4	228	0.909	1	0.934	0.87	583.21	1.509	0.182
0.275												
5	1.25	5.772	6	4	433	0.909	1	0.934	1.07	882.41	1.846	0.161
0.297												

Fase costruttiva: 4 - Stoccaggio della trave

Css	Ac	u	t	to	h0	a1	a2	a3	ØRH	βH	Øo	βc(t)
N°	Ø(t) [mq]	[m]	[gg]	[gg]	[mm]							
1	1.25	5.772	15	4	433	0.791	1	0.846	1.06	822.66	1.393	0.273
0.380												
2	0.90	7.899	15	4	228	0.791	1	0.846	0.89	551.73	1.178	0.307
0.362												
3	0.55	8.109	15	4	135	0.791	1	0.846	0.73	428.27	0.963	0.331
0.319												
4	0.90	7.899	15	4	228	0.791	1	0.846	0.89	551.73	1.178	0.307
0.362												
5	1.25	5.772	15	4	433	0.791	1	0.846	1.06	822.66	1.393	0.273
0.380												

Fase costruttiva: 5 - Trasporto della trave

Css	Ac	u	t	to	h0	a1	a2	a3	ØRH	βH	Øo	βc(t)
N°	Ø(t) [mq]	[m]	[gg]	[gg]	[mm]							
1	1.25	5.772	30	4	433	0.737	1	0.804	1.05	794.72	1.156	0.355
0.411												
2	0.90	7.899	30	4	228	0.737	1	0.804	0.90	537.00	0.993	0.398
0.395												
3	0.55	8.109	30	4	135	0.737	1	0.804	0.75	419.57	0.829	0.426
0.354												
4	0.90	7.899	30	4	228	0.737	1	0.804	0.90	537.00	0.993	0.398
0.395												
5	1.25	5.772	30	4	433	0.737	1	0.804	1.05	794.72	1.156	0.355
0.411												

Fase costruttiva: 6 - Messa in opera della trave

Css	Ac	u	t	to	h0	a1	a2	a3	ØRH	βH	Øo	βc(t)
N°	Ø(t) [mq]	[m]	[gg]	[gg]	[mm]							
1	1.25	5.772	36	4	433	0.726	1	0.796	1.05	789.01	1.104	0.378
0.417												
2	0.90	7.899	36	4	228	0.726	1	0.796	0.90	534.00	0.951	0.422
0.402												
3	0.55	8.109	36	4	135	0.726	1	0.796	0.76	417.80	0.797	0.453
0.361												
4	0.90	7.899	36	4	228	0.726	1	0.796	0.90	534.00	0.951	0.422
0.402												
5	1.25	5.772	36	4	433	0.726	1	0.796	1.05	789.01	1.104	0.378
0.417												

Fase costruttiva: 7 - Permanenti di I fase

Css	Ac	u	t	to	h0	a1	a2	a3	ØRH	βH	Øo	βc(t)
N°	Ø(t) [mq]	[m]	[gg]	[gg]	[mm]							

**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
RELAZIONE DI CALCOLO TIPOLOGICA**

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20/06/2011

1 0.421	1.25	5.772	40	4	433	0.721	1	0.791	1.05	785.97	1.076	0.391
2 0.405	0.90	7.899	40	4	228	0.721	1	0.791	0.90	532.40	0.927	0.437
3 0.365	0.55	8.109	40	4	135	0.721	1	0.791	0.76	416.85	0.780	0.468
4 0.405	0.90	7.899	40	4	228	0.721	1	0.791	0.90	532.40	0.927	0.437
5 0.421	1.25	5.772	40	4	433	0.721	1	0.791	1.05	785.97	1.076	0.391

Fase costruttiva: 8 - Maturazione soletta

Css N°	Ac Ø(t) [mq]	u [m]	t [gg]	to [gg]	h0 [mm]	a1	a2	a3	ØRH	BH	Øo	Bc(t)
1 0.423	1.25	4.572	46	4	546	0.714	1	0.786	1.09	921.88	1.084	0.391
2 0.419	0.90	6.339	46	4	284	0.714	1	0.786	0.96	599.42	0.950	0.441
3 0.389	0.55	6.549	46	4	167	0.714	1	0.786	0.82	455.14	0.817	0.476
4 0.419	0.90	6.339	46	4	284	0.714	1	0.786	0.96	599.42	0.950	0.441
5 0.423	1.25	4.572	46	4	546	0.714	1	0.786	1.09	921.88	1.084	0.391

Fase costruttiva: 9 - Permanenti di II fase

Css N°	Ac Ø(t) [mq]	u [m]	t [gg]	to [gg]	h0 [mm]	a1	a2	a3	ØRH	BH	Øo	Bc(t)
1 0.432	1.25	4.572	60	4	546	0.702	1	0.776	1.09	913.78	1.016	0.425
2 0.428	0.90	6.339	60	4	284	0.702	1	0.776	0.96	595.21	0.893	0.479
3 0.398	0.55	6.549	60	4	167	0.702	1	0.776	0.83	452.67	0.771	0.516
4 0.428	0.90	6.339	60	4	284	0.702	1	0.776	0.96	595.21	0.893	0.479
5 0.432	1.25	4.572	60	4	546	0.702	1	0.776	1.09	913.78	1.016	0.425

Fase costruttiva: 10 - Permanenti + accidentali di III fase

Css N°	Ac Ø(t) [mq]	u [m]	t [gg]	to [gg]	h0 [mm]	a1	a2	a3	ØRH	BH	Øo	Bc(t)
1 0.273	1.25	4.572	30000	4	546	0.626	1	0.716	1.08	861.78	0.275	0.992
2 0.245	0.90	6.339	30000	4	284	0.626	1	0.716	0.96	568.17	0.246	0.994
3 0.216	0.55	6.549	30000	4	167	0.626	1	0.716	0.85	436.79	0.217	0.996
4 0.245	0.90	6.339	30000	4	284	0.626	1	0.716	0.96	568.17	0.246	0.994
5 0.273	1.25	4.572	30000	4	546	0.626	1	0.716	1.08	861.78	0.275	0.992

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

PROPRIETA' CLS(t) - RESISTENZA

Simbologia adottata

t	=	Tempo di misura
Δt	=	Età del calcestruzzo al tempo di misura
$\beta_{cc}(\Delta t)$	=	Coefficiente di riduzione
$E_{cm}(\Delta t)$	=	Modulo elastico
$f_{cm}(\Delta t)$	=	Resistenza media cilindrica a compressione
$f_{ck}(\Delta t)$	=	Resistenza caratteristica cilindrica a compressione
f_{ckj}	=	Resistenza caratteristica cilindrica a compressione
f_{cdj}	=	Resistenza di progetto a compressione
α	=	Esponente per il calcolo di $f_{ctm}(\Delta t)$
$f_{ct}(\Delta t)$	=	Resistenza media cilindrica a trazione
f_{ctj}	=	Resistenza caratteristica cilindrica a trazione
f_{ctdj}	=	Resistenza di progetto a trazione semplice
f_{cfdj}	=	Resistenza di progetto a trazione per flessione

Calcestruzzo TRAVE: CLS TRAVE

FASE fcfdj N°	t [gg] [MPa]	Δt [gg] [MPa]	$\beta_{cc}(t)$	$E_{cm}(t)$ [MPa]	$f_{cm}(t)$ [MPa]	$f_{ck}(t)$ [MPa]	f_{ckj} [MPa]	f_{cdj} [MPa]	α	$f_{ct}(t)$ [MPa]	f_{cmj} [MPa]	f_{ctdj}
1	4	4	0.66	32188	35.55	27.55	27.55	15.61	1.00	2.54	2.54	1.69
	2.03											
2	5	5	0.71	32869	38.13	30.13	30.13	17.07	1.00	2.72	2.72	1.82
	2.18											
3	6	6	0.75	33381	40.14	32.14	32.14	18.21	1.00	2.87	2.87	1.91
	2.29											
4	15	15	0.91	35429	48.96	40.96	40.96	23.21	1.00	3.50	3.50	2.33
	2.80											
5	30	30	1.01	36509	54.11	46.11	45.65	25.87	0.67	3.85	3.83	2.55
	3.07											
6	36	36	1.03	36740	55.26	47.26	45.65	25.87	0.67	3.91	3.83	2.55
	3.07											
7	40	40	1.04	36865	55.89	47.89	45.65	25.87	0.67	3.94	3.83	2.55
	3.07											
8	46	46	1.06	37021	56.68	48.68	45.65	25.87	0.67	3.97	3.83	2.55
	3.07											
9	60	60	1.08	37292	58.07	50.07	45.65	25.87	0.67	4.04	3.83	2.55
	3.07											
10	30000	30000	1.27	39163	68.36	60.36	45.65	25.87	0.67	4.50	3.83	2.55
	3.07											

Calcestruzzo SOLETTA: CLS SOLETTA

FASE fcfdj N°	t [gg] [MPa]	Δt [gg]	$\beta_{cc}(t)$	$E_{cm}(t)$ [MPa]	$f_{cm}(t)$ [MPa]	$f_{ck}(t)$ [MPa]	f_{ckj} [MPa]	f_{cdj} [MPa]	α	$f_{ct}(t)$ [MPa]	f_{cmj} [MPa]	f_{ctdj} [MPa]
8	46	1	0.34	24384	14.09	6.09	6.09	3.45	1.00	1.06	1.06	0.71
	0.85											
9	60	15	0.91	32731	37.60	29.60	29.60	16.77	1.00	2.83	2.83	1.89
	2.26											
10	30000	29955	1.27	36180	52.50	44.50	33.20	18.81	0.67	3.64	3.10	2.07
	2.48											

SFORZI DI PRECOMPRESSIONE

- Fase costruttiva: 10 - Permanenti + accidentali di III fase

Simbologia adottata

SEZ = Sezione
 X = Ascissa della sezione
 Ycr = Ordinata del cavo risultante
 Npi = Sforzo normale iniziale di precompressione
 ΔNr = Perdita per effetto del ritiro
 ΔNv = Perdita per effetto della viscosità
 ΔNl = Perdita per effetto del rilassamento
 ΔNe = Perdita istantanea elastica
 ΔNf = Perdita totale di fase
 Npi = Sforzo normale di precompressione di fase

SEZ [N°]	X [m]	Ycr [cm]	Npi [KN]	ΔNr [KN]	ΔNv [KN]	ΔNl [KN]	ΔNe [KN]	ΔNf [KN]	Npi [KN]
1	0.00	43.30	0	0	0	0	0	0	0
2	0.20	43.30	716	-38	-1	-34	0	-72	510
3	0.23	43.30	824	-43	-1	-39	0	-83	581
4	0.40	43.30	1433	-75	-3	-67	0	-146	994
5	0.60	43.30	2149	-113	-6	-101	0	-220	1463
6	0.80	43.30	2866	-151	-10	-135	0	-296	1920
7	1.00	43.30	3336	-176	-13	-157	0	-345	2221
8	1.20	43.30	3336	-176	-13	-157	0	-345	2223
9	1.40	43.30	3336	-176	-14	-157	0	-346	2200
10	1.60	27.53	3587	-188	-18	-170	0	-377	2311
11	1.80	27.53	4088	-213	-24	-197	0	-434	2572
12	2.00	27.53	4590	-270	-33	-223	0	-526	2545
13	2.15	27.53	4966	-291	-39	-243	0	-573	2686
14	2.30	27.53	5342	-312	-45	-263	0	-620	2838
15	2.45	27.53	5671	-362	-63	-280	0	-705	2333
16	2.65	27.53	5671	-362	-62	-280	0	-704	2361
17	2.85	27.53	5671	-362	-62	-280	0	-703	2365
18	3.05	27.53	5671	-362	-62	-280	0	-703	2368
19	3.25	27.53	5671	-362	-61	-280	0	-703	2371
20	3.45	27.53	5671	-362	-61	-280	0	-703	2373
21	3.65	27.53	5671	-362	-61	-280	0	-703	2376
22	3.85	27.53	5671	-362	-61	-280	0	-703	2379
23	4.05	27.53	5671	-362	-61	-280	0	-702	2381
24	4.25	27.53	5671	-362	-61	-280	0	-702	2384
25	4.45	27.53	5671	-362	-60	-280	0	-702	2386
26	4.65	27.53	5671	-362	-60	-280	0	-702	2388
27	4.85	27.53	5671	-362	-60	-280	0	-702	2390
28	5.05	27.53	5671	-362	-60	-280	0	-702	2392
29	5.25	27.53	5671	-362	-60	-280	0	-702	2394
30	5.45	27.53	5671	-362	-60	-280	0	-702	2396
31	5.65	27.53	5671	-362	-60	-280	0	-701	2398
32	5.85	27.53	5671	-362	-60	-280	0	-701	2399
33	6.05	27.53	5671	-362	-60	-280	0	-701	2400
34	6.25	27.53	5671	-362	-60	-280	0	-701	2402
35	6.45	27.53	5671	-362	-60	-280	0	-701	2403
36	6.65	27.53	5671	-362	-59	-280	0	-701	2404
37	6.85	27.53	5671	-362	-59	-280	0	-701	2405
38	7.05	27.53	5671	-362	-59	-280	0	-701	2406
39	7.25	27.53	5671	-362	-59	-280	0	-701	2407
40	7.45	27.53	5671	-362	-59	-280	0	-701	2407
41	7.65	27.53	5671	-362	-59	-280	0	-701	2408
42	7.85	27.53	5671	-362	-59	-280	0	-701	2408
43	8.05	27.53	5671	-362	-59	-280	0	-701	2408
44	8.25	27.53	5671	-362	-59	-280	0	-701	2409
45	8.45	27.53	5671	-362	-59	-280	0	-701	2409
46	8.65	27.53	5671	-362	-59	-280	0	-701	2409
47	8.85	27.53	5671	-362	-59	-280	0	-701	2408
48	9.05	27.53	5671	-362	-59	-280	0	-701	2408

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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49	9.25	27.53	5671	-362	-59	-280	0	-701	2408
50	9.45	27.53	5671	-362	-59	-280	0	-701	2407
51	9.65	27.53	5671	-362	-59	-280	0	-701	2407
52	9.85	27.53	5671	-362	-59	-280	0	-701	2406
53	10.05	27.53	5671	-362	-59	-280	0	-701	2405
54	10.25	27.53	5671	-362	-59	-280	0	-701	2404
55	10.45	27.53	5671	-362	-60	-280	0	-701	2403
56	10.65	27.53	5671	-362	-60	-280	0	-701	2402
57	10.85	27.53	5671	-362	-60	-280	0	-701	2400
58	11.05	27.53	5671	-362	-60	-280	0	-701	2399
59	11.25	27.53	5671	-362	-60	-280	0	-701	2398
60	11.45	27.53	5671	-362	-60	-280	0	-702	2396
61	11.65	27.53	5671	-362	-60	-280	0	-702	2394
62	11.85	27.53	5671	-362	-60	-280	0	-702	2392
63	12.05	27.53	5671	-362	-60	-280	0	-702	2390
64	12.25	27.53	5671	-362	-60	-280	0	-702	2388
65	12.45	27.53	5671	-362	-60	-280	0	-702	2386
66	12.65	27.53	5671	-362	-61	-280	0	-702	2384
67	12.85	27.53	5671	-362	-61	-280	0	-702	2381
68	13.05	27.53	5671	-362	-61	-280	0	-703	2379
69	13.25	27.53	5671	-362	-61	-280	0	-703	2376
70	13.45	27.53	5671	-362	-61	-280	0	-703	2373
71	13.65	27.53	5671	-362	-61	-280	0	-703	2371
72	13.85	27.53	5671	-362	-62	-280	0	-703	2368
73	14.05	27.53	5671	-362	-62	-280	0	-703	2365
74	14.25	27.53	5671	-362	-62	-280	0	-704	2361
75	14.45	27.53	5671	-362	-63	-280	0	-705	2333
76	14.60	27.53	5342	-312	-45	-263	0	-620	2838
77	14.75	27.53	4966	-291	-39	-243	0	-573	2686
78	14.90	27.53	4590	-270	-33	-223	0	-526	2545
79	15.10	27.53	4088	-213	-24	-197	0	-434	2572
80	15.30	27.53	3587	-188	-18	-170	0	-377	2311
81	15.50	43.30	3336	-176	-14	-157	0	-346	2200
82	15.70	43.30	3336	-176	-13	-157	0	-345	2223
83	15.90	43.30	3336	-176	-13	-157	0	-345	2221
84	16.10	43.30	2866	-151	-10	-135	0	-296	1920
85	16.30	43.30	2149	-113	-6	-101	0	-220	1463
86	16.50	43.30	1433	-75	-3	-67	0	-146	994
87	16.67	43.30	824	-43	-1	-39	0	-83	581
88	16.70	43.30	716	-38	-1	-34	0	-72	510
89	16.90	43.30	0	0	0	0	0	0	0

1.3 Tabulati di input modello spalla

SISTEMI DI RIFERIMENTO

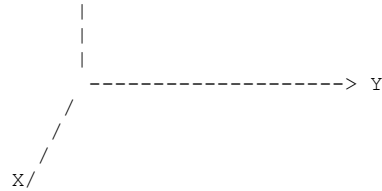
1) Sistema globale della struttura spaziale.

Il sistema di riferimento globale è costituito da una terna destra di assi cartesiani ortogonali (XYZ), dove l'asse Z rappresenta l'asse verticale rivolto verso l'alto.

Le rotazioni sono considerate positive se concordi con gli assi vettori.

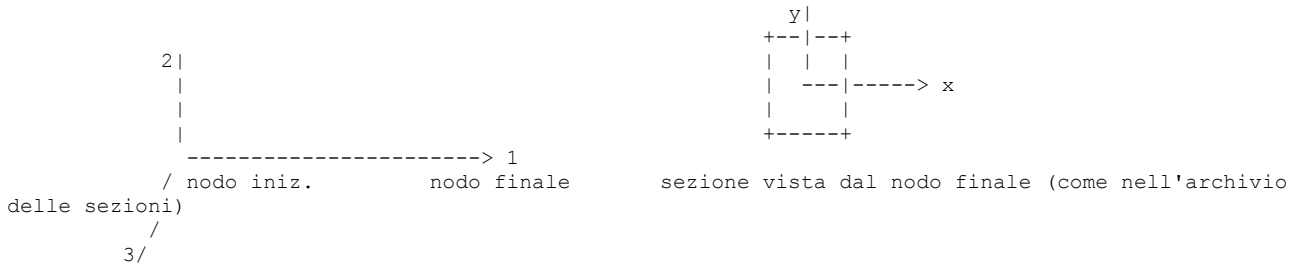
Z|
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		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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2) Sistema locale delle aste.

Il sistema di riferimento locale delle aste, inclinate o meno, è costituito da una terna destra di assi cartesiani ortogonali, che ha: l'asse 1 coincidente con l'asse longitudinale dell'asta, e orientamento dal nodo iniziale al nodo finale, gli assi 3 e 2 coincidono, rispettivamente, con gli assi -x e y della sezione, definita nell'archivio delle sezioni.



METODI DI CALCOLO

L'analisi strutturale è stata effettuata utilizzando come solutore agli elementi finiti:
SAP2000 - Finite Element Analysis of Structures - (C) Computers & Structures, Inc. - Berkeley
(CA)

----- Dati opzioni di calcolo. -----

Unita' di misura: Sistema Internazionale (Newton, KN, MPa, cm).
Metodo di calcolo: stati limite.
Numero di sezioni delle aste in cui eseguire le verifiche: 5
Distanza minima tra i nodi (metri): 0.10
Lunghezza minima valida delle aste (metri): 0.10
Coefficiente moltiplicatore delle azioni di calcolo: 1.00

----- Dati sismici -----

Normativa sismica adottata: D.M. 14/1/2008 Normativa Tecnica sulle Costruzioni.
Tipo di costruzione (Art. 2.4.1.): Tipo 1 (Vita nominale <=10 anni)
Vita nominale: 10.00
Classe D'uso (Art. 2.4.2.): Classe II
Periodo di riferimento per l'azione sismica (>=35 anni): VR= Vn*Cu= 10.00*1.00= 35.00 anni

PVR (Probabilità di superamento nel periodo Vn) e Periodo di ritorno Tr

	PVR %	Tr(anni)
SLO	81.00	30.00
SLD	63.00	35.20
SLV	10.00	332.19
SLC	5.00	682.35

Posizione del sito
Longitudine: 15.6266

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Latitudine :38.2650

Parametri di pericolosità sismica

	ag (g/10)	F0 (adim)	TC*(sec)
SLO	0.6090	2.3628	0.2800
SLD	0.6680	2.3486	0.2839
SLV	2.1106	2.3892	0.3483
SLC	2.9009	2.4276	0.3711

Tipo di analisi: sismica dinamica modale lineare.

Direzioni del sisma considerate: Y1;

Angolo di ingresso del sisma (tra l'asse X1 e l'asse globale X): 0.000000 gradi;

Categoria di sottosuolo (Art. 3.2.2): B

Categoria topografica (Art. 3.2.2): T1

Rapporto h/H altezza pendio: 1.00

Coeff. amplif. topografica St: 1.00

Coeff. smorzamento (%) CSI=5.00 => ETA=1.000

Parametri spettri orizzontali e Fv

	S	TB	TC	TD	Fv
SLO	1.200	0.132	0.397	1.844	0.787
SLD	1.200	0.134	0.402	1.867	0.819
SLV	1.198	0.158	0.473	2.444	1.482
SLC	1.118	0.166	0.498	2.760	1.765

Parametri spettri verticali

Ss	TB	TC	TD
1.000	0.050	0.150	1.000

Fattore di struttura spettro orizz. direz X1 qX1: 1.00

Fattore di struttura spettro orizz. direz Y1 qY1: 1.00

Fattore di struttura spettro verticale q: 1.00

Spostamento limite di danno: 0.00500 h

Classe di duttilità: Bassa (CD'B')

Elementi in c.a: percentuale rigidezza risp. a elementi non fessuratri. (%): 50.00

Numero dei modi di vibrare del sisma orizzontale: 6

Metodo di combinazione modale orizzontale: CQC (Combinazione quadratica completa)

Spettri di risposta

Spettro di risposta di progetto SLO orizzontale

ag= 0.0609 g; F0= 2.3628; TC*= 0.2800 s;

TB= 0.1320 s; TC= 0.3970 s; TD= 1.8440 s; S= 1.2000 ; csi= 5.0000

n	T(sec)	S(T) g	S(T) cm/sec ²
1	0.000000	0.0731	71.6670
2	0.013200	0.0830	81.4338
3	0.026400	0.0930	91.2006
4	0.039600	0.1030	100.9673
5	0.052800	0.1129	110.7341
6	0.066000	0.1229	120.5009
7	0.079200	0.1328	130.2677
8	0.092400	0.1428	140.0344

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9	0.105600	0.1528	149.8012
10	0.118800	0.1627	159.5680
11	0.132000	0.1727	169.3348
12	0.397000	0.1727	169.3348
13	0.541690	0.1266	124.1040
14	0.686380	0.0999	97.9427
15	0.831070	0.0825	80.8908
16	0.975760	0.0703	68.8959
17	1.120450	0.0612	59.9990
18	1.265140	0.0542	53.1371
19	1.409830	0.0486	47.6837
20	1.554520	0.0441	43.2454
21	1.699210	0.0403	39.5630
22	1.843900	0.0372	36.4585
23	1.844000	0.0372	36.4566
24	2.059600	0.0298	29.2235
25	2.275200	0.0244	23.9474
26	2.490800	0.0204	19.9811
27	2.706400	0.0173	16.9244
28	2.922000	0.0148	14.5190
29	3.137600	0.0128	12.5922
30	3.353200	0.0112	11.0250
31	3.568800	0.0099	9.7331
32	3.784400	0.0088	8.6557
33	4.000000	0.0079	7.7478

Spettro di risposta di progetto SLD orizzontale

ag= 0.0668 g; F0= 2.3486; TC*= 0.2839 s;

TB= 0.1340 s; TC= 0.4020 s; TD= 1.8670 s; S= 1.2000 ; csi= 5.0000

n	T(sec)	S(T) g	S(T) cm/sec ²
1	0.000000	0.0802	78.6101
2	0.013400	0.0910	89.2115
3	0.026800	0.1018	99.8128
4	0.040200	0.1126	110.4142
5	0.053600	0.1234	121.0155
6	0.067000	0.1342	131.6169
7	0.080400	0.1450	142.2183
8	0.093800	0.1558	152.8196
9	0.107200	0.1666	163.4210
10	0.120600	0.1775	174.0223
11	0.134000	0.1883	184.6237
12	0.402000	0.1883	184.6237
13	0.548490	0.1380	135.3146
14	0.694980	0.1089	106.7926
15	0.841470	0.0899	88.2013
16	0.987960	0.0766	75.1232
17	1.134450	0.0667	65.4226
18	1.280940	0.0591	57.9408
19	1.427430	0.0530	51.9947
20	1.573920	0.0481	47.1553
21	1.720410	0.0440	43.1401
22	1.866900	0.0405	39.7572
23	1.867000	0.0405	39.7529
24	2.080300	0.0327	32.0189
25	2.293600	0.0269	26.3404
26	2.506900	0.0225	22.0487
27	2.720200	0.0191	18.7265
28	2.933500	0.0164	16.1022
29	3.146800	0.0143	13.9933
30	3.360100	0.0125	12.2731
31	3.573400	0.0111	10.8516
32	3.786700	0.0099	9.6635
33	4.000000	0.0088	8.6604

Spettro di risposta di progetto SLV orizzontale

ag= 0.2111 g; F0= 2.3892; TC*= 0.3483 s;

TB= 0.1580 s; TC= 0.4730 s; TD= 2.4440 s; S= 1.1980 ; q= 1.0000

n	T(sec)	S(T) g	S(T) cm/sec ²
1	0.000000	0.2528	247.9610
2	0.015800	0.2880	282.4078

3	0.031600	0.3231	316.8545
4	0.047400	0.3582	351.3013
5	0.063200	0.3934	385.7480
6	0.079000	0.4285	420.1947
7	0.094800	0.4636	454.6415
8	0.110600	0.4987	489.0882
9	0.126400	0.5339	523.5350
10	0.142200	0.5690	557.9817
11	0.158000	0.6041	592.4285
12	0.473000	0.6041	592.4285
13	0.670090	0.4264	418.1806
14	0.867180	0.3295	323.1378
15	1.064270	0.2685	263.2966
16	1.261360	0.2265	222.1560
17	1.458450	0.1959	192.1346
18	1.655540	0.1726	169.2612
19	1.852630	0.1542	151.2545
20	2.049720	0.1394	136.7107
21	2.246810	0.1272	124.7185
22	2.443900	0.1169	114.6651
23	2.444000	0.1169	114.6558
24	2.599600	0.1033	101.3410
25	2.755200	0.0920	90.2178
26	2.910800	0.0824	80.8302
27	3.066400	0.0743	72.8351
28	3.222000	0.0673	65.9701
29	3.377600	0.0612	60.0319
30	3.533200	0.0559	54.8608
31	3.688800	0.0513	50.3301
32	3.844400	0.0473	46.3384
33	4.000000	0.0436	42.8034

Spettro di risposta di progetto SLC orizzontale

ag= 0.2901 g; F0= 2.4276; TC*= 0.3711 s;

TB= 0.1660 s; TC= 0.4980 s; TD= 2.7600 s; S= 1.1180 ; q= 1.0000

n	T(sec)	S(T) g	S(T) cm/sec ²
1	0.000000	0.3243	318.0499
2	0.016600	0.3706	363.4547
3	0.033200	0.4169	408.8595
4	0.049800	0.4632	454.2643
5	0.066400	0.5095	499.6691
6	0.083000	0.5558	545.0739
7	0.099600	0.6021	590.4787
8	0.116200	0.6484	635.8835
9	0.132800	0.6947	681.2883
10	0.149400	0.7410	726.6931
11	0.166000	0.7873	772.0979
12	0.498000	0.7873	772.0979
13	0.724190	0.5414	530.9446
14	0.950380	0.4126	404.5800
15	1.176570	0.3332	326.8014
16	1.402760	0.2795	274.1059
17	1.628950	0.2407	236.0445
18	1.855140	0.2114	207.2645
19	2.081330	0.1884	184.7399
20	2.307520	0.1699	166.6312
21	2.533710	0.1547	151.7556
22	2.759900	0.1421	139.3184
23	2.760000	0.1421	139.3133
24	2.884000	0.1301	127.5911
25	3.008000	0.1196	117.2884
26	3.132000	0.1103	108.1851
27	3.256000	0.1021	100.1018
28	3.380000	0.0947	92.8918
29	3.504000	0.0881	86.4336
30	3.628000	0.0822	80.6262
31	3.752000	0.0769	75.3850
32	3.876000	0.0720	70.6388
33	4.000000	0.0676	66.3271

Tipologie di carico e coefficienti																
Gamma	Nome				Psi				Descrizione		Tipologia	Tipologia	sfav	fav	sfav	fav
fav sfav	fav	0i	1i	2i	2i	2i	2i	2i	2i	2i						
EQU	GEO	GEO										variab	STR	STR	EQU	
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+																
	G1	Pesi propri elementi strutturali					PP	--								
1.00	1.00	1.00	1.00	1.00	1.00	1.00	--	--	--	--						
	Perm da imp	Scarichi da impalcato per pesi permanenti					Var									
Altro	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00						
	G2	Pesi propri elementi non strutturali					Perm	--								
1.00	1.00	1.00	1.00	1.00	1.00	1.00	--	--	--	--						
	Variabile	Scarichi da impalcato per carichi variabili					Var									
Altro	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00						
	vento da imp	Scarichi da impalcato per effetto del vento					Var									
Altro	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00						
	Sisma imp	Scarichi da impalcato per effetto del sisma					Var									
Altro	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00						
	Mezzi cant	Sovraspinta su paramento per effetto mezzi di cant					Var									
Altro	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00						
	Sovr spint	Sovraspinta sismica terrapieno					Var									
Altro	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00						
	Spinta perm	Spinta permanente terrapieno					Var									
Altro	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00						
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+																

Condizioni di carico indipendenti statiche (Casi di carico statici) e sismiche.

Att - E' attiva nel calcolo delle combinazioni in automatico.

F/S - Utilizza i valori dei coeff. gamma favorevoli e sfavorevoli nel calcolo delle combinazioni in automatico.

+/- - Utilizza i valori positivi e negativi nel calcolo delle combinazioni in automatico.

N.ro	Nome	Tipologia	Descrizione	Att	F/S	+/-
1	PProp	G1	Pesi propri	-	-	-
2	CPerm	G2	Carichi permanenti	-	-	-
3	perm da imp	Perm da imp	perm da imp	-	-	-
4	var da imp	Variabile	var da imp	-	-	-
5	vent da imp	vento da imp	vento da imp	-	-	-
6	sx da imp	Sisma imp	sisma da imp	-	-	-
7	mezz cant	Mezzi cant	mezzi cantiere	-	-	-
8	sp sism terr	Sovr spint	spinta sismica terrapieno	-	-	-
9	st stat terr	Spinta perm	spinta statica terrapieno	-	-	-
10	SismaY1	Ey	Sisma orizzontale direzione Y1	X	-	X

Combinazioni di carico per gli elementi (coefficienti).

Combinaz. ->	1	2	3	4
PProp	1.35	1.35	1.35	1.00
CPerm	1.35	1.35	1.35	1.00
perm da imp	1.35	1.35	1.35	1.00
var da imp	0.00	1.35	0.00	0.00
vent da imp	0.00	0.00	0.00	0.00
sx da imp	0.00	0.00	0.00	1.00

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```
|mezz cant | 0.00| 0.00| 1.35| 0.00
|
|sp sism terr | 0.00| 0.00| 0.00| 1.00
|
|st stat terr | 1.35| 1.35| 1.35| 1.00
|
|SismaY1 | 0.00| 0.00| 0.00| 1.00
|
```

-----+
-----+
Archivio Materiali.
-----+

Numero: 1; Nome: c35_45 pref
 Tipo materiale: cemento armato.
 Conglomerato cementizio: Rck=45.00; Rcm= 45.00 (in MPa); gammaC=: 1.5000
 fck=37.35; fcm=45.35; fcd=21.17; fctk=2.35; fctd=1.56; fctm=3.35; fcfm=4.02; (in MPa)
 Grafico tensioni/deformazioni cls: f2=21.17 MPa; epsCu2=0.00350; epsC2=0.00200
 Acciaio barre: B450C; gammaS=1.1500
 fyk=450.00; fyd=391.30; fbd=3.52; Es=206010.00; (in MPa);
 Grafico tensioni/deformazioni acciaio: epsSu=0.0675; k=1.15
 Acciaio staffe: fyks=431.64, fyds=375.34 (in MPa)
 Percent. torsione limite (TorSoll/TorRes)*100=20.00 %
 Modulo elastico cls: Ec= 34625.49 MPa; coeff. Poisson: v=0.200; coeff. termico=1e-05 1/C;
 peso spec.=24525.000 N/m³.
 Il modulo di elasticita' trasversale (dipendente da Ec e dal coeff. di Poisson): $G = E/2*(1+v) = 14427.29$ MPa

Numero: 2; Nome: c25_30 opera
 Tipo materiale: cemento armato.
 Conglomerato cementizio: Rck=30.00; Rcm= 30.00 (in MPa); gammaC=: 1.5000
 fck=24.90; fcm=32.90; fcd=14.11; fctk=1.79; fctd=1.19; fctm=2.56; fcfm=3.07; (in MPa)
 Grafico tensioni/deformazioni cls: f2=14.11 MPa; epsCu2=0.00350; epsC2=0.00200
 Acciaio barre: B450C; gammaS=1.1500
 fyk=450.00; fyd=391.30; fbd=2.69; Es=206010.00; (in MPa);
 Grafico tensioni/deformazioni acciaio: epsSu=0.0675; k=1.15
 Acciaio staffe: fyks=431.64, fyds=375.34 (in MPa)
 Percent. torsione limite (TorSoll/TorRes)*100=20.00 %
 Modulo elastico cls: Ec= 31447.16 MPa; coeff. Poisson: v=0.200; coeff. termico=1e-05 1/C;
 peso spec.=46415.500 N/m³.
 Il modulo di elasticita' trasversale (dipendente da Ec e dal coeff. di Poisson): $G = E/2*(1+v) = 13102.98$ MPa

Numero: 3; Nome: shell_ca
 Descrizione: materiale per shell in ca.
 Tipo materiale: cemento armato.
 Conglomerato cementizio: Rck=30.00; Rcm= 30.00 (in MPa); gammaC=: 1.5000
 fck=24.90; fcm=32.90; fcd=14.11; fctk=1.79; fctd=1.19; fctm=2.56; fcfm=3.07; (in MPa)
 Grafico tensioni/deformazioni cls: f2=14.11 MPa; epsCu2=0.00350; epsC2=0.00200
 Acciaio barre: B450C; gammaS=1.1500
 fyk=450.00; fyd=391.30; fbd=2.69; Es=206010.00; (in MPa);
 Grafico tensioni/deformazioni acciaio: epsSu=0.0675; k=1.15
 Acciaio staffe: fyks=431.64, fyds=375.34 (in MPa)
 Percent. torsione limite (TorSoll/TorRes)*100=20.00 %
 Modulo elastico cls: Ec= 31447.16 MPa; coeff. Poisson: v=0.200; coeff. termico=1e-05 1/C;
 peso spec.=24525.000 N/m³.
 Il modulo di elasticita' trasversale (dipendente da Ec e dal coeff. di Poisson): $G = E/2*(1+v) = 13102.98$ MPa

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Terreni di fondazione
-----+

Numero: 1; Nome: terr1

Costante Winkler: wk= 79.0000 N/cm³.

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Tensione ammissibile del terreno: $\sigma_t = 0.8600$ MPa.
 Coeff. d'attrito tra terreno e cls: $f = \tan(\theta) = 0.5300$.
 Peso specifico del terreno: $\gamma_t = 19367.992$ N/m³.
 Blocca le componenti Tx e Ty per vincoli alla Winkler.

+----- Archivio Sezioni aste -----+

Il baricentro della sezione è calcolato rispetto agli assi locali x e y.
 Per rotazione si intende quella attorno all'origine degli assi x e y, della sezione originaria (rettangolare, ad L ecc.).
 Il piano xy è normale all'asse della trave ed ha origine sull'asse.
 Gli assi x e y, della sezione al nodo iniziale dell'asta, coincidono con gli assi locali -3 e 2 dell'asta.

Numero: 1; Nome: paramento
 Forma: a T.
 Anima: 23.00 cm; altezza totale: 90.00 cm; spessore soletta: 15.00 cm; larghezza soletta: 125.00 cm.
 Rotazione: rot=0.00 gradi sessadec..
 Area Acls= 3600.00 cm²; Mom. statici (cm³): Sx= -0.00, Sx= 0.00; Baricentro (cm): Xg=0.00; Yg=0.00
 Momenti d'inerzia (cm⁴): Jx= 2663085.94; Jy= 2517450.00; Jxy= 0.00; Jcsi= 2663085.94; Jeta= 2517450.00;
 Raggi d'inerzia (cm): ix= 27.20; iy= 26.44; ixy= 0.00; icsi= 27.20; ieta= 26.44;
 Angolo tra l'asse principale d'inerzia csi e l'asse x: Theta = -0.00 rad;

Numero: 2; Nome: paramento_b
 Forma: a T.
 Anima: 23.00 cm; altezza totale: 135.00 cm; spessore soletta: 15.00 cm; larghezza soletta: 125.00 cm.
 Rotazione: rot=0.00 gradi sessadec..
 Area Acls= 4635.00 cm²; Mom. statici (cm³): Sx= -0.00, Sx= -0.00; Baricentro (cm): Xg=-0.00; Yg=0.00
 Momenti d'inerzia (cm⁴): Jx= 8434231.49; Jy= 2563076.25; Jxy= 0.00; Jcsi= 8434231.49; Jeta= 2563076.25;
 Raggi d'inerzia (cm): ix= 42.66; iy= 23.52; ixy= 0.00; icsi= 42.66; ieta= 23.52;
 Angolo tra l'asse principale d'inerzia csi e l'asse x: Theta = -0.00 rad;

Numero: 3; Nome: pulvino
 Forma: rettangolare.
 Base: 118.00 cm; altezza: 60.00 cm.
 Rotazione: rot=0.00 gradi sessadec..
 Area Acls= 7080.00 cm²; Mom. statici (cm³): Sx= -0.00, Sx= 0.00; Baricentro (cm): Xg=0.00; Yg=0.00
 Momenti d'inerzia (cm⁴): Jx= 2124000.00; Jy= 8215160.00; Jxy= 0.00; Jcsi= 8215160.00; Jeta= 2124000.00;
 Raggi d'inerzia (cm): ix= 17.32; iy= 34.06; ixy= 0.00; icsi= 34.06; ieta= 17.32;
 Angolo tra l'asse principale d'inerzia csi e l'asse x: Theta = -1.57 rad;

+----- Coordinate nodi -----+

-----+				-----+				-----+			
-----+				-----+				-----+			
X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo
metri	metri	metri	n.ro	metri	metri	metri	n.ro	metri	metri	metri	n.ro
-----+				-----+				-----+			
1.250	0.000	5.400	1	0.000	0.000	3.250	2	0.000	0.000	5.400	3
2.500	0.000	3.250	4	2.500	0.000	5.400	5	2.500	0.000	3.250	6
5.000	0.000	5.400	7	3.750	0.000	3.250	8	3.750	0.000	5.400	9
6.250	0.000	3.250	10	5.000	0.000	5.400	11	6.250	0.000	3.250	12
8.750	0.000	5.400	13	7.500	0.000	3.250	14	7.500	0.000	5.400	15

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10.000	16	8.750	0.000	3.250	17	10.000	0.000	5.400	18
		0.000	3.250						
	19	11.250	0.000	5.400	20	11.250	0.000	3.250	21
12.500		0.000	5.400						
	22	12.500	0.000	3.250	23	13.750	0.000	5.400	24
13.750		0.000	3.250						
	25	0.000	0.000	0.600	26	1.250	0.000	0.600	27
2.500		0.000	0.600						
	28	3.750	0.000	0.600	29	5.000	0.000	0.600	30
6.250		0.000	0.600						
	31	7.500	0.000	0.600	32	8.750	0.000	0.600	33
10.000		0.000	0.600						
	34	11.250	0.000	0.600	35	12.500	0.000	0.600	36
13.750		0.000	0.600						
	37	-0.625	0.000	0.600	38	-0.625	0.625	0.600	39
0.000		0.625	0.600						
	40	0.625	0.625	0.600	41	0.625	0.000	0.600	42
1.250		0.625	0.600						
	43	1.875	0.625	0.600	44	1.875	0.000	0.600	45
2.500		0.625	0.600						
	46	3.125	0.625	0.600	47	3.125	0.000	0.600	48
3.750		0.625	0.600						
	49	4.375	0.625	0.600	50	4.375	0.000	0.600	51
5.000		0.625	0.600						
	52	5.625	0.625	0.600	53	5.625	0.000	0.600	54
6.250		0.625	0.600						
	55	6.875	0.625	0.600	56	6.875	0.000	0.600	57
7.500		0.625	0.600						
	58	8.125	0.625	0.600	59	8.125	0.000	0.600	60
8.750		0.625	0.600						
	61	9.375	0.625	0.600	62	9.375	0.000	0.600	63
10.000		0.625	0.600						
	64	10.625	0.625	0.600	65	10.625	0.000	0.600	66
11.250		0.625	0.600						
	67	11.875	0.625	0.600	68	11.875	0.000	0.600	69
12.500		0.625	0.600						
	70	13.125	0.625	0.600	71	13.125	0.000	0.600	72
13.750		0.625	0.600						
	73	14.375	0.625	0.600	74	14.375	0.000	0.600	75
-0.625		-0.625	0.600						
	76	0.000	-0.625	0.600	77	0.625	-0.625	0.600	78
1.250		-0.625	0.600						
	79	1.875	-0.625	0.600	80	2.500	-0.625	0.600	81
3.125		-0.625	0.600						
	82	3.750	-0.625	0.600	83	4.375	-0.625	0.600	84
5.000		-0.625	0.600						
	85	5.625	-0.625	0.600	86	6.250	-0.625	0.600	87
6.875		-0.625	0.600						
	88	7.500	-0.625	0.600	89	8.125	-0.625	0.600	90
8.750		-0.625	0.600						
	91	9.375	-0.625	0.600	92	10.000	-0.625	0.600	93
10.625		-0.625	0.600						
	94	11.250	-0.625	0.600	95	11.875	-0.625	0.600	96
12.500		-0.625	0.600						
	97	13.125	-0.625	0.600	98	13.750	-0.625	0.600	99
14.375		-0.625	0.600						
	100	-0.625	-1.250	0.600	101	0.000	-1.250	0.600	102
0.625		-1.250	0.600						
	103	1.250	-1.250	0.600	104	1.875	-1.250	0.600	105
2.500		-1.250	0.600						
	106	3.125	-1.250	0.600	107	3.750	-1.250	0.600	108
4.375		-1.250	0.600						
	109	5.000	-1.250	0.600	110	5.625	-1.250	0.600	111
6.250		-1.250	0.600						
	112	6.875	-1.250	0.600	113	7.500	-1.250	0.600	114
8.125		-1.250	0.600						
	115	8.750	-1.250	0.600	116	9.375	-1.250	0.600	117
10.000		-1.250	0.600						
	118	10.625	-1.250	0.600	119	11.250	-1.250	0.600	120
11.875		-1.250	0.600						

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13.750	121	12.500	-1.250	0.600	122	13.125	-1.250	0.600	123
		-1.250	0.600						
0.000	124	14.375	-1.250	0.600	125	-0.625	1.250	0.600	126
		1.250	0.600						
1.875	127	0.625	1.250	0.600	128	1.250	1.250	0.600	129
		1.250	0.600						
3.750	130	2.500	1.250	0.600	131	3.125	1.250	0.600	132
		1.250	0.600						
5.625	133	4.375	1.250	0.600	134	5.000	1.250	0.600	135
		1.250	0.600						
7.500	136	6.250	1.250	0.600	137	6.875	1.250	0.600	138
		1.250	0.600						
9.375	139	8.125	1.250	0.600	140	8.750	1.250	0.600	141
		1.250	0.600						
11.250	142	10.000	1.250	0.600	143	10.625	1.250	0.600	144
		1.250	0.600						
13.125	145	11.875	1.250	0.600	146	12.500	1.250	0.600	147
		1.250	0.600						
-0.625	148	13.750	1.250	0.600	149	14.375	1.250	0.600	150
		1.875	0.600						
1.250	151	0.000	1.875	0.600	152	0.625	1.875	0.600	153
		1.875	0.600						
3.125	154	1.875	1.875	0.600	155	2.500	1.875	0.600	156
		1.875	0.600						
5.000	157	3.750	1.875	0.600	158	4.375	1.875	0.600	159
		1.875	0.600						
6.875	160	5.625	1.875	0.600	161	6.250	1.875	0.600	162
		1.875	0.600						
8.750	163	7.500	1.875	0.600	164	8.125	1.875	0.600	165
		1.875	0.600						
10.625	166	9.375	1.875	0.600	167	10.000	1.875	0.600	168
		1.875	0.600						
12.500	169	11.250	1.875	0.600	170	11.875	1.875	0.600	171
		1.875	0.600						
14.375	172	13.125	1.875	0.600	173	13.750	1.875	0.600	174
		1.875	0.600						
0.625	175	-0.625	2.750	0.600	176	0.000	2.750	0.600	177
		2.750	0.600						
2.500	178	1.250	2.750	0.600	179	1.875	2.750	0.600	180
		2.750	0.600						
4.375	181	3.125	2.750	0.600	182	3.750	2.750	0.600	183
		2.750	0.600						
6.250	184	5.000	2.750	0.600	185	5.625	2.750	0.600	186
		2.750	0.600						
8.125	187	6.875	2.750	0.600	188	7.500	2.750	0.600	189
		2.750	0.600						
10.000	190	8.750	2.750	0.600	191	9.375	2.750	0.600	192
		2.750	0.600						
11.875	193	10.625	2.750	0.600	194	11.250	2.750	0.600	195
		2.750	0.600						
13.750	196	12.500	2.750	0.600	197	13.125	2.750	0.600	198
		2.750	0.600						
	199	14.375	2.750	0.600					

+-----+ +-----+ +-----+

+-----+ Archivio Carichi per nodi. +-----+

Fx, Fy, Fz (N): componenti della forza dirette come gli X, Y, Z positivi;

Mx, My, Mz (Nm): momenti di rotazione attorno agli assi globali X, Y, Z positivi con la reg.

mano destra;

Coeff. rid. sism. : Coefficiente di riduzione sismica

Numero: 1; Nome: Mom_tra_siam

Descrizione: Momento di trasporto sisma paragliaia;

Fx = 0.00, Fy = 0.00, Fz = 0.00

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Mx = 800.00, My = 0.00, Mz = 0.00
Coef. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

Numero: 2; Nome: Mom_tra_st
Descrizione: Momento di trasporto statico paraghiaia;
Fx = 0.00, Fy = 0.00, Fz = 0.00
Mx = 13340.00, My = 0.00, Mz = 0.00
Coef. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

Numero: 3; Nome: cop tra mezz
Descrizione: coppia trasporto spinta mezzo cant paraghiaia;
Fx = 0.00, Fy = 0.00, Fz = 0.00
Mx = 58110.00, My = 0.00, Mz = 0.00
Coef. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

+----- Carichi applicati ai nodi -----+

car. : numero del carico in Archivio Carichi per Nodi;
con. : condizione indipendente di carico;

+-----+																	
-----+																	
car.	Nodo	car.	con.	car.	con.	car.	con.	car.	con.	car.	con.	car.	con.	car.	con.	car.	con.
+-----+																	
0	1	0	0	1	8	2	9	0	0	0	0	0	0	0	0	0	0
0	3	0	0	1	8	2	9	0	0	0	0	0	0	0	0	0	0
0	5	0	0	1	8	2	9	0	0	0	0	0	0	0	0	0	0
0	7	3	7	1	8	2	9	0	0	0	0	0	0	0	0	0	0
0	9	0	0	1	8	2	9	0	0	0	0	0	0	0	0	0	0
0	11	3	7	1	8	2	9	0	0	0	0	0	0	0	0	0	0
0	13	0	0	1	8	2	9	0	0	0	0	0	0	0	0	0	0
0	15	3	7	1	8	2	9	0	0	0	0	0	0	0	0	0	0
0	17	0	0	1	8	2	9	0	0	0	0	0	0	0	0	0	0
0	19	0	0	1	8	2	9	0	0	0	0	0	0	0	0	0	0
0	21	0	0	1	8	2	9	0	0	0	0	0	0	0	0	0	0
0	23	0	0	1	8	2	9	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+-----+																	

+----- Dati aste -----+

E: elemento costruttivo (T=trave, P=pilastro, F=Trave di Fondazione);
Sez: numero della sezione nell'archivio;
Offs: OFFSET=tratto rigido all'estremo dell'asta;
Dy: scostamento della sezione dal nodo, lungo l'asse locale y (999=il nodo è all'estradosso, -999=il nodo è all'intradosso)
Dx: scostamento della sezione dal nodo, lungo l'asse locale x (999=il nodo è sul lato destro della sezione, -999=il nodo è sul lato sx della sezione)
Svincoli interni: codici degli svincoli interni agli estremi dell'asta (0=non svincolato, 1=svincolato);
posizione e tipo svincolo: 1) N nodo ini.; 2) T22 n. ini.; 3) T33 n. ini.; 4) Tor n. ini.; 5) M22 n. ini.; 6) M33 n. ini.;

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1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	1	1	0.0	0.0	0.0 000000,000000	90.00	1
	13 P	25	2	0.0	18.6	0.0	2	1	0.0	0.0	0.0 000000,000000	90.00	1	
1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	1	1	0.0	0.0	0.0 000000,000000	90.00	1

-----+
|Telaio 1 | Pilastrata 2 |
|

1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	3	1	0.0	0.0	0.0 000000,000000	90.00	1
	14 P	26	2	0.0	18.6	0.0	4	1	0.0	0.0	0.0 000000,000000	90.00	1	
1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	3	1	0.0	0.0	0.0 000000,000000	90.00	1

-----+
|Telaio 1 | Pilastrata 3 |
|

1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	5	1	0.0	0.0	0.0 000000,000000	90.00	1
	15 P	27	2	0.0	18.6	0.0	6	1	0.0	0.0	0.0 000000,000000	90.00	1	
1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	5	1	0.0	0.0	0.0 000000,000000	90.00	1

-----+
|Telaio 1 | Pilastrata 4 |
|

1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	7	1	0.0	0.0	0.0 000000,000000	90.00	1
	16 P	28	2	0.0	18.6	0.0	8	1	0.0	0.0	0.0 000000,000000	90.00	1	
1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	7	1	0.0	0.0	0.0 000000,000000	90.00	1

-----+
|Telaio 1 | Pilastrata 5 |
|

1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	9	1	0.0	0.0	0.0 000000,000000	90.00	1
	17 P	29	2	0.0	18.6	0.0	10	1	0.0	0.0	0.0 000000,000000	90.00	1	
1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	9	1	0.0	0.0	0.0 000000,000000	90.00	1

-----+
|Telaio 1 | Pilastrata 6 |
|

1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	11	1	0.0	0.0	0.0 000000,000000	90.00	1
	18 P	30	2	0.0	18.6	0.0	12	1	0.0	0.0	0.0 000000,000000	90.00	1	
1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	11	1	0.0	0.0	0.0 000000,000000	90.00	1

-----+
|Telaio 1 | Pilastrata 7 |
|

1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	13	1	0.0	0.0	0.0 000000,000000	90.00	1
	19 P	31	2	0.0	18.6	0.0	14	1	0.0	0.0	0.0 000000,000000	90.00	1	
1 0.7 0.7 0.7 0 0.0	-	-	-	1 Y	0.0	0.0	0.0	13	1	0.0	0.0	0.0 000000,000000	90.00	1

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|Telaio 1 | Pilastrata 8 |
|

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      |      8|P|   16|   1| 0.0|   0.0|   0.0|  15|   1| 0.0|   0.0|   0.0|000000,000000|  90.00| 1|
1|0.7|0.7| 0|0.0|   -| -| -| 1|Y|
      |      20|P|   32|   2| 0.0|  18.6|   0.0|  16|   1| 0.0|   0.0|   0.0|000000,000000|  90.00| 1|
1|0.7|0.7| 0|0.0|   -| -| -| 1|Y|

```

-----+
| Telaio 1 | Pilastrata 9 |
|

```

      |      9|P|   18|   1| 0.0|   0.0|   0.0|  17|   1| 0.0|   0.0|   0.0|000000,000000|  90.00| 1|
1|0.7|0.7| 0|0.0|   -| -| -| 1|Y|
      |      21|P|   33|   2| 0.0|  18.6|   0.0|  18|   1| 0.0|   0.0|   0.0|000000,000000|  90.00| 1|
1|0.7|0.7| 0|0.0|   -| -| -| 1|Y|

```

-----+
| Telaio 1 | Pilastrata 10 |
|

```

      |     10|P|   20|   1| 0.0|   0.0|   0.0|  19|   1| 0.0|   0.0|   0.0|000000,000000|  90.00| 1|
1|0.7|0.7| 0|0.0|   -| -| -| 1|Y|
      |     22|P|   34|   2| 0.0|  18.6|   0.0|  20|   1| 0.0|   0.0|   0.0|000000,000000|  90.00| 1|
1|0.7|0.7| 0|0.0|   -| -| -| 1|Y|

```

-----+
| Dati al nodo iniziale | Dati al nodo finale |

```

| Asta|E| Nodo|Sez|Offs| Dy | Dx | Nodo|Sez|Offs| Dy | Dx | Svincoli | Ang. |Mt|Cr|
b2| b3| Au|ROf| Lfd|Tr| Smg|PP|G|
| n.ro| | n.ro| n.| cm | cm | cm | n.ro| n.| cm | cm | cm | interni | gradi |n.|n.|
| % | | cm |n.| cm |n.| |

```

-----+
| Telaio 1 | Pilastrata 11 |
|

```

      |     11|P|   22|   1| 0.0|   0.0|   0.0|  21|   1| 0.0|   0.0|   0.0|000000,000000|  90.00| 1|
1|0.7|0.7| 0|0.0|   -| -| -| 1|Y|
      |     23|P|   35|   2| 0.0|  18.6|   0.0|  22|   1| 0.0|   0.0|   0.0|000000,000000|  90.00| 1|
1|0.7|0.7| 0|0.0|   -| -| -| 1|Y|

```

-----+
| Telaio 1 | Pilastrata 12 |
|

```

      |     12|P|   24|   1| 0.0|   0.0|   0.0|  23|   1| 0.0|   0.0|   0.0|000000,000000|  90.00| 1|
1|0.7|0.7| 0|0.0|   -| -| -| 1|Y|
      |     24|P|   36|   2| 0.0|  18.6|   0.0|  24|   1| 0.0|   0.0|   0.0|000000,000000|  90.00| 1|
1|0.7|0.7| 0|0.0|   -| -| -| 1|Y|

```

-----+
Archivio Carichi per aste

```

Qz (N/ml): carico uniformemente distribuito diretto come -Z globale;
wx, wy, wz (N/ml): componenti (unif. distrib.) proiettate sugli assi globali X, Y, Z;
w1, w2, w3 (N/ml): componente (unif. distrib.) assiale e lungo gli assi locali 2 e 3;
d (metri), p, f (N): distanza nal nodo iniziale, e componenti lungo gli assi locali 2 e 3 di un
carico concentrato;
u1, u2 (N/ml): valori ai nodi iniziale e finale di un carico trapezoidale diretto come l'asse
locale 2;
v1, v2 (N/ml): valori ai nodi iniziale e finale di un carico trapezoidale diretto come l'asse
locale 3;
t (C): variazione di temperatura in tutta l'asta (positiva se in aumento);
t2 (C/cm): variazione di temperatura lungo l'asse locale 2 (asse y della sezione);

```


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t3 (C/cm): variazione di temperatura lungo l'asse locale 3 (asse -x della sezione);
Coeff. rid. sism. : Coefficiente di riduzione sismica

Numero 1; Nome: Sp_sism_tr_a
Descrizione: Spinta sismica trave alta;
u1 = 780.00, v1 = 0.00, u2 = 0.00 v2 = 0.00;
Coeff. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

Numero 2; Nome: Sp_terr_tr_a
Descrizione: Spinta del terreno sulla trave alta;
u1 = 16090.00, v1 = 0.00, u2 = 0.00 v2 = 0.00;
Coeff. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

Numero 3; Nome: sp tr a me c
Descrizione: spinta sulla parte alta della trave per mezzo cant;
u1 = 49700.00, v1 = 0.00, u2 = 0.00 v2 = 0.00;
Coeff. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

Numero 4; Nome: Sp_sim_tr_b
Descrizione: Sovraspinta in presenza di sisma trave bassa;
u1 = 1610.00, v1 = 0.00, u2 = 0.00 v2 = 0.00;
Coeff. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

Numero 5; Nome: Sp_terr_tr_b
Descrizione: Spinta del terreno sulla trave bassa;
u1 = 29930.00, v1 = 0.00, u2 = 0.00 v2 = 0.00;
Coeff. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

Numero 6; Nome: sp tr b me c
Descrizione: spinta parte alta paramento mezzo cantiere;
u1 = 61160.00, v1 = 0.00, u2 = 66000.00 v2 = 0.00;
Coeff. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

Numero 7; Nome: Sovr_sp_par
Descrizione: Sovraspinta sismica sul paraghiaia;
w1 = 0.00, w2 = 0.00, w3 = -780.00
Coeff. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

Numero 8; Nome: Spinta par
Descrizione: Spinta statica sul paraghiaia;
w1 = 0.00, w2 = 0.00, w3 = -16080.00
Coeff. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

Numero 9; Nome: perm da imp
Descrizione: permanente da impalcato;
Qz = 200750.00
Coeff. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

Numero 10; Nome: var da imp
Descrizione: variabile da impalcato;
Qz = 72720.00
Coeff. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

Numero 11; Nome: sisma da imp
Descrizione: sisma da impalcato;
w1 = 0.00, w2 = 0.00, w3 = -44140.00
Coeff. rid. sism.: 0.330
Coef. car. ai piani, Ø: 0.500

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Carichi definiti in archivio applicati alle aste.

car. : numero del carico in Archivio Carichi per Aste;
con. : condizione indipendente di carico;

Asta	car.	con.	car.	con.	car.	con.	car.	con.	car.	con.	car.	con.	car.	con.
0	1	1	8	2	9	0	0	0	0	0	0	0	0	0
0	2	1	8	2	9	0	0	0	0	0	0	0	0	0
0	3	1	8	2	9	0	0	0	0	0	0	0	0	0
0	4	1	8	2	9	3	7	0	0	0	0	0	0	0
0	5	1	8	2	9	3	7	0	0	0	0	0	0	0
0	6	1	8	2	9	3	7	0	0	0	0	0	0	0
0	7	1	8	2	9	3	7	0	0	0	0	0	0	0
0	8	1	8	2	9	3	7	0	0	0	0	0	0	0
0	9	1	8	2	9	3	7	0	0	0	0	0	0	0
0	10	1	8	2	9	0	0	0	0	0	0	0	0	0
0	11	1	8	2	9	0	0	0	0	0	0	0	0	0
0	12	1	8	2	9	0	0	0	0	0	0	0	0	0
0	13	4	8	5	9	0	0	0	0	0	0	0	0	0
0	14	4	8	5	9	0	0	0	0	0	0	0	0	0
0	15	4	8	5	9	0	0	0	0	0	0	0	0	0
0	16	4	8	5	9	6	7	0	0	0	0	0	0	0
0	17	4	8	5	9	6	7	0	0	0	0	0	0	0
0	18	4	8	5	9	6	7	0	0	0	0	0	0	0
0	19	4	8	5	9	6	7	0	0	0	0	0	0	0
0	20	4	8	5	9	6	7	0	0	0	0	0	0	0
0	21	4	8	5	9	6	7	0	0	0	0	0	0	0
0	22	4	8	5	9	0	0	0	0	0	0	0	0	0
0	23	4	8	5	9	0	0	0	0	0	0	0	0	0
0	24	4	8	5	9	0	0	0	0	0	0	0	0	0
0	25	7	8	8	9	9	3	10	4	11	6	0	0	0
0	28	7	8	8	9	9	3	10	4	11	6	0	0	0

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0	0	29	0	7	0	8	0	8	0	9	0	9	0	3	0	10	0	4	0	11	0	6	0	0	0	0	0	0
0	0	31	0	7	0	8	0	8	0	9	0	9	0	3	0	10	0	4	0	11	0	6	0	0	0	0	0	0
0	0	32	0	7	0	8	0	8	0	9	0	9	0	3	0	10	0	4	0	11	0	6	0	0	0	0	0	0
0	0	34	0	7	0	8	0	8	0	9	0	9	0	3	0	10	0	4	0	11	0	6	0	0	0	0	0	0
0	0	35	0	7	0	8	0	8	0	9	0	9	0	3	0	10	0	4	0	11	0	6	0	0	0	0	0	0
0	0	37	0	7	0	8	0	8	0	9	0	9	0	3	0	10	0	4	0	11	0	6	0	0	0	0	0	0
0	0	39	0	7	0	8	0	8	0	9	0	9	0	3	0	10	0	4	0	11	0	6	0	0	0	0	0	0
0	0	40	0	7	0	8	0	8	0	9	0	9	0	3	0	10	0	4	0	11	0	6	0	0	0	0	0	0
0	0	41	0	7	0	8	0	8	0	9	0	9	0	3	0	10	0	4	0	11	0	6	0	0	0	0	0	0

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Dati shell

C: S -> comportamento sia membranale che flessionale;
 M -> comportamento solo membranale (rigidezza flessionale nulla);
 P -> comportamento a piastra (solo flessionale);
 FS TK -> formulazione spessore tipo THICK;
 TN -> formulazione spessore tipo THIN;
 E: E -> elemento in elevazione, F -> piastra di fondazione;
 Nodo 1,...: nodi estremi della shell, presi in senso antiorario ;
 (superficie positiva con la reg. mano destra);
 Mt: numero del materiale in archivio;
 Cr: numero del criterio di calcolo in archivio;
 Sp.M.: spessore membranale;
 Sp.F.: spessore flessionale;
 Scos. : scostamento dai nodi estremi;
 angAl : angolo di rotazione degli assi locali 1-2;
 T : Tipo assi locali D -> Default, A ->Avanzato;
 Pi : Piano locale 3-1 oppure 3-2;
 Vet : DCoo => Vettore di riferimento specificato per Direzione Coordinate;
 : 2Nod => '' '' '' '' '' 2 nodi;
 DP : Direzione primaria assi locali (Se Vet=DCoo)
 DS : Direzione secondaria assi locali (Se Vet=DCoo)
 N1 : Nodo 1 di riferimento del piano locale (Se Vet=2nod)
 N2 : Nodo 2 di riferimento del piano locale (Se Vet=2nod)
 T.0 : temperatura alla quale si hanno tensioni nulle nell'elemento (in gradi centigradi);
 AngAr : angolo tra l'asse locale 1 della shell (calcolata in base al valore di LP;
 e la direzione delle armature (in gradi sessadecimali);
 Au : aumento in percentuale delle azioni di calcolo;
 TF : numero del terreno di fondazione;
 SMag : spessore del sottofondo in cemento magrone;
 PP : condizione a cui appartiene il peso proprio.

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Nodi estremi															Proprietà												
Shell	C	FS	E	Nodo 1	Nodo 2	Nodo 3	Nodo 4	Mt	Cr	Sp.M.	Sp.F.	Scos.	AngAl	T	Pi	Vet											
T.0	AngAr	Au	TF	SMag	PP																						
n.ro					numero		n.	n.	cm	cm	cm	Gradi															
C	Gradi	%	n.	cm	n.																						
1	S	TK	F	37	38	39	25	3	2	130.0	130.0	0.0	0.00	D	-	--	--	--	--	--	--	--	--	--	--	--	--
0	0.00	0	1	10.0	1																						
2	S	TK	F	25	39	40	41	3	2	130.0	130.0	0.0	0.00	D	-	--	--	--	--	--	--	--	--	--	--	--	--
0	0.00	0	1	10.0	1																						
3	S	TK	F	41	40	42	26	3	2	130.0	130.0	0.0	0.00	D	-	--	--	--	--	--	--	--	--	--	--	--	--
0	0.00	0	1	10.0	1																						

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--		4 S TK F	26	42	43	44	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		5 S TK F	44	43	45	27	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		6 S TK F	27	45	46	47	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		7 S TK F	47	46	48	28	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		8 S TK F	28	48	49	50	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		9 S TK F	50	49	51	29	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		10 S TK F	29	51	52	53	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		11 S TK F	53	52	54	30	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		12 S TK F	30	54	55	56	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		13 S TK F	56	55	57	31	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		14 S TK F	31	57	58	59	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		15 S TK F	59	58	60	32	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		16 S TK F	32	60	61	62	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		17 S TK F	62	61	63	33	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		18 S TK F	33	63	64	65	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		19 S TK F	65	64	66	34	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		20 S TK F	34	66	67	68	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		21 S TK F	68	67	69	35	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		22 S TK F	35	69	70	71	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		23 S TK F	71	70	72	36	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		24 S TK F	36	72	73	74	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		25 S TK F	75	37	25	76	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		26 S TK F	76	25	41	77	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		27 S TK F	77	41	26	78	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		28 S TK F	78	26	44	79	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		29 S TK F	79	44	27	80	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		30 S TK F	80	27	47	81	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		31 S TK F	81	47	28	82	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		32 S TK F	82	28	50	83	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		33 S TK F	83	50	29	84	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		34 S TK F	84	29	53	85	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		35 S TK F	85	53	30	86	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		36 S TK F	86	30	56	87	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		37 S TK F	87	56	31	88	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		38 S TK F	88	31	59	89	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									

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--		39 S TK F	89	59	32	90	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		40 S TK F	90	32	62	91	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		41 S TK F	91	62	33	92	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		42 S TK F	92	33	65	93	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		43 S TK F	93	65	34	94	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		44 S TK F	94	34	68	95	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		45 S TK F	95	68	35	96	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		46 S TK F	96	35	71	97	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		47 S TK F	97	71	36	98	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		48 S TK F	98	36	74	99	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		49 S TK F	100	75	76	101	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		50 S TK F	101	76	77	102	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		51 S TK F	102	77	78	103	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		52 S TK F	103	78	79	104	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		53 S TK F	104	79	80	105	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		54 S TK F	105	80	81	106	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		55 S TK F	106	81	82	107	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		56 S TK F	107	82	83	108	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		57 S TK F	108	83	84	109	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		58 S TK F	109	84	85	110	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		59 S TK F	110	85	86	111	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		60 S TK F	111	86	87	112	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		61 S TK F	112	87	88	113	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		62 S TK F	113	88	89	114	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		63 S TK F	114	89	90	115	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		64 S TK F	115	90	91	116	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		65 S TK F	116	91	92	117	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		66 S TK F	117	92	93	118	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		67 S TK F	118	93	94	119	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		68 S TK F	119	94	95	120	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		69 S TK F	120	95	96	121	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		70 S TK F	121	96	97	122	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		71 S TK F	122	97	98	123	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		72 S TK F	123	98	99	124	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		73 S TK F	38	125	126	39	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									

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--		74 S TK F	39	126	127	40	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		75 S TK F	40	127	128	42	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		76 S TK F	42	128	129	43	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		77 S TK F	43	129	130	45	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		78 S TK F	45	130	131	46	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		79 S TK F	46	131	132	48	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		80 S TK F	48	132	133	49	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		81 S TK F	49	133	134	51	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		82 S TK F	51	134	135	52	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		83 S TK F	52	135	136	54	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		84 S TK F	54	136	137	55	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		85 S TK F	55	137	138	57	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		86 S TK F	57	138	139	58	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		87 S TK F	58	139	140	60	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		88 S TK F	60	140	141	61	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		89 S TK F	61	141	142	63	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		90 S TK F	63	142	143	64	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		91 S TK F	64	143	144	66	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		92 S TK F	66	144	145	67	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		93 S TK F	67	145	146	69	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		94 S TK F	69	146	147	70	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		95 S TK F	70	147	148	72	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		96 S TK F	72	148	149	73	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		97 S TK F	125	150	151	126	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		98 S TK F	126	151	152	127	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		99 S TK F	127	152	153	128	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		100 S TK F	128	153	154	129	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		101 S TK F	129	154	155	130	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		102 S TK F	130	155	156	131	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		103 S TK F	131	156	157	132	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		104 S TK F	132	157	158	133	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		105 S TK F	133	158	159	134	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		106 S TK F	134	159	160	135	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		107 S TK F	135	160	161	136	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									
--		108 S TK F	136	161	162	137	3	2 130.0 130.0	0.0	0.00 D	-	--		--	
--		0	0.00	0	1 10.0	1									

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--		109 S TK F	137	162	163	138	3	2 130.0 130.0	0.0	0.00 D	-	--		--			
--		0	0.00 0	1 10.0	1	110 S TK F	138	163	164	139	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	111 S TK F	139	164	165	140	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	112 S TK F	140	165	166	141	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	113 S TK F	141	166	167	142	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	114 S TK F	142	167	168	143	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	115 S TK F	143	168	169	144	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	116 S TK F	144	169	170	145	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	117 S TK F	145	170	171	146	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	118 S TK F	146	171	172	147	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	119 S TK F	147	172	173	148	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	120 S TK F	148	173	174	149	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	121 S TK F	150	175	176	151	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	122 S TK F	151	176	177	152	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	123 S TK F	152	177	178	153	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	124 S TK F	153	178	179	154	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	125 S TK F	154	179	180	155	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	126 S TK F	155	180	181	156	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	127 S TK F	156	181	182	157	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	128 S TK F	157	182	183	158	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	129 S TK F	158	183	184	159	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	130 S TK F	159	184	185	160	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	131 S TK F	160	185	186	161	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	132 S TK F	161	186	187	162	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	133 S TK F	162	187	188	163	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	134 S TK F	163	188	189	164	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	135 S TK F	164	189	190	165	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	136 S TK F	165	190	191	166	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	137 S TK F	166	191	192	167	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	138 S TK F	167	192	193	168	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	139 S TK F	168	193	194	169	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	140 S TK F	169	194	195	170	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	141 S TK F	170	195	196	171	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	142 S TK F	171	196	197	172	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1	143 S TK F	172	197	198	173	3	2 130.0 130.0	0.0	0.00 D	-	--	
--		0	0.00 0	1 10.0	1												

```
-- | 144|S|TK|F| 173 198 199 174| 3| 2|130.0|130.0| 0.0| 0.00|D| -| -- | -- |
-- | 0| 0.00| 0| 1|10.0| 1|
```

Masse sismiche create.

Mtx, Mty, Mtz: componenti della massa lungo le direzione X, Y, Z (N/cm/s²)
Mrx, Mry, Mrz: inerzie rotazionali attorno agli assi X, Y, Z ((N/cm/s²)*cm²)

Sisma orizzontale

Nodo	Mtx	Mty	Mtz	Mrx	Mry	Mrz
1	30.62211	30.62211	0	0	0	0
2	22.46478	22.46478	0	0	0	0
3	51.56592	51.56592	0	0	0	0
4	22.46478	22.46478	0	0	0	0
5	51.56592	51.56592	0	0	0	0
6	22.46478	22.46478	0	0	0	0
7	51.56592	51.56592	0	0	0	0
8	22.46478	22.46478	0	0	0	0
9	51.56592	51.56592	0	0	0	0
10	22.46478	22.46478	0	0	0	0
11	51.56592	51.56592	0	0	0	0
12	22.46478	22.46478	0	0	0	0
13	51.56592	51.56592	0	0	0	0
14	22.46478	22.46478	0	0	0	0
15	51.56592	51.56592	0	0	0	0
16	22.46478	22.46478	0	0	0	0
17	51.56592	51.56592	0	0	0	0
18	22.46478	22.46478	0	0	0	0
19	51.56592	51.56592	0	0	0	0
20	22.46478	22.46478	0	0	0	0
21	51.56592	51.56592	0	0	0	0
22	22.46478	22.46478	0	0	0	0
23	30.62211	30.62211	0	0	0	0
24	22.46478	22.46478	0	0	0	0
Totale	846.4808	846.4808	0	0	0	0

Sisma orizzontale sld

Nodo	Mtx	Mty	Mtz	Mrx	Mry	Mrz
1	30.62211	30.62211	0	0	0	0
2	22.46478	22.46478	0	0	0	0
3	51.56592	51.56592	0	0	0	0
4	22.46478	22.46478	0	0	0	0
5	51.56592	51.56592	0	0	0	0
6	22.46478	22.46478	0	0	0	0
7	51.56592	51.56592	0	0	0	0
8	22.46478	22.46478	0	0	0	0
9	51.56592	51.56592	0	0	0	0
10	22.46478	22.46478	0	0	0	0
11	51.56592	51.56592	0	0	0	0
12	22.46478	22.46478	0	0	0	0
13	51.56592	51.56592	0	0	0	0
14	22.46478	22.46478	0	0	0	0
15	51.56592	51.56592	0	0	0	0
16	22.46478	22.46478	0	0	0	0

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17	51.56592	51.56592	0	0	0	0
18	22.46478	22.46478	0	0	0	0
19	51.56592	51.56592	0	0	0	0
20	22.46478	22.46478	0	0	0	0
21	51.56592	51.56592	0	0	0	0
22	22.46478	22.46478	0	0	0	0
23	30.62211	30.62211	0	0	0	0
24	22.46478	22.46478	0	0	0	0
+-----+						
Totale	846.4808	846.4808	0	0	0	0
+-----+						

+----- Files dati creati per il solutore -----+

Nome lavoro: spalla. Unità: KN, cm. (4/10/2010 - 10:00)
; FILE: C:\spalla con fondazione\spalla.lav\Analysis\Stat1.s2k.

SYSTEM

```

FORCE=KN LENGTH=CM PAGE=LINES LINES=10000
; Condizioni di carico statiche indipendenti
; Cond. 1 - PProp
; Cond. 2 - CPerm
; Cond. 3 - perm da imp
; Cond. 4 - var da imp
; Cond. 5 - vent da imp
; Cond. 6 - sx da imp
; Cond. 7 - mezz cant
; Cond. 8 - sp sism terr
; Cond. 9 - st stat terr

```

JOINTS; Coordinate Nodi

```

1 X= 0.00 Y= 0.00 Z= 540.00
2 X= 0.00 Y= 0.00 Z= 325.00
3 X= 125.00 Y= 0.00 Z= 540.00
4 X= 125.00 Y= 0.00 Z= 325.00
5 X= 250.00 Y= 0.00 Z= 540.00
6 X= 250.00 Y= 0.00 Z= 325.00
7 X= 375.00 Y= 0.00 Z= 540.00
8 X= 375.00 Y= 0.00 Z= 325.00
9 X= 500.00 Y= 0.00 Z= 540.00
10 X= 500.00 Y= 0.00 Z= 325.00
11 X= 625.00 Y= 0.00 Z= 540.00
12 X= 625.00 Y= 0.00 Z= 325.00
13 X= 750.00 Y= 0.00 Z= 540.00
14 X= 750.00 Y= 0.00 Z= 325.00
15 X= 875.00 Y= 0.00 Z= 540.00
16 X= 875.00 Y= 0.00 Z= 325.00
17 X= 1000.00 Y= 0.00 Z= 540.00
18 X= 1000.00 Y= 0.00 Z= 325.00
19 X= 1125.00 Y= 0.00 Z= 540.00
20 X= 1125.00 Y= 0.00 Z= 325.00
21 X= 1250.00 Y= 0.00 Z= 540.00
22 X= 1250.00 Y= 0.00 Z= 325.00
23 X= 1375.00 Y= 0.00 Z= 540.00
24 X= 1375.00 Y= 0.00 Z= 325.00
25 X= 0.00 Y= 0.00 Z= 60.00
26 X= 125.00 Y= 0.00 Z= 60.00
27 X= 250.00 Y= 0.00 Z= 60.00
28 X= 375.00 Y= 0.00 Z= 60.00
29 X= 500.00 Y= 0.00 Z= 60.00
30 X= 625.00 Y= 0.00 Z= 60.00
31 X= 750.00 Y= 0.00 Z= 60.00
32 X= 875.00 Y= 0.00 Z= 60.00
33 X= 1000.00 Y= 0.00 Z= 60.00
34 X= 1125.00 Y= 0.00 Z= 60.00

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Rev

F0

Data

20/06/2011

35	X=	1250.00	Y=	0.00	Z=	60.00
36	X=	1375.00	Y=	0.00	Z=	60.00
37	X=	-62.50	Y=	0.00	Z=	60.00
38	X=	-62.50	Y=	62.50	Z=	60.00
39	X=	0.00	Y=	62.50	Z=	60.00
40	X=	62.50	Y=	62.50	Z=	60.00
41	X=	62.50	Y=	0.00	Z=	60.00
42	X=	125.00	Y=	62.50	Z=	60.00
43	X=	187.50	Y=	62.50	Z=	60.00
44	X=	187.50	Y=	0.00	Z=	60.00
45	X=	250.00	Y=	62.50	Z=	60.00
46	X=	312.50	Y=	62.50	Z=	60.00
47	X=	312.50	Y=	0.00	Z=	60.00
48	X=	375.00	Y=	62.50	Z=	60.00
49	X=	437.50	Y=	62.50	Z=	60.00
50	X=	437.50	Y=	0.00	Z=	60.00
51	X=	500.00	Y=	62.50	Z=	60.00
52	X=	562.50	Y=	62.50	Z=	60.00
53	X=	562.50	Y=	0.00	Z=	60.00
54	X=	625.00	Y=	62.50	Z=	60.00
55	X=	687.50	Y=	62.50	Z=	60.00
56	X=	687.50	Y=	0.00	Z=	60.00
57	X=	750.00	Y=	62.50	Z=	60.00
58	X=	812.50	Y=	62.50	Z=	60.00
59	X=	812.50	Y=	0.00	Z=	60.00
60	X=	875.00	Y=	62.50	Z=	60.00
61	X=	937.50	Y=	62.50	Z=	60.00
62	X=	937.50	Y=	0.00	Z=	60.00
63	X=	1000.00	Y=	62.50	Z=	60.00
64	X=	1062.50	Y=	62.50	Z=	60.00
65	X=	1062.50	Y=	0.00	Z=	60.00
66	X=	1125.00	Y=	62.50	Z=	60.00
67	X=	1187.50	Y=	62.50	Z=	60.00
68	X=	1187.50	Y=	0.00	Z=	60.00
69	X=	1250.00	Y=	62.50	Z=	60.00
70	X=	1312.50	Y=	62.50	Z=	60.00
71	X=	1312.50	Y=	0.00	Z=	60.00
72	X=	1375.00	Y=	62.50	Z=	60.00
73	X=	1437.50	Y=	62.50	Z=	60.00
74	X=	1437.50	Y=	0.00	Z=	60.00
75	X=	-62.50	Y=	-62.50	Z=	60.00
76	X=	0.00	Y=	-62.50	Z=	60.00
77	X=	62.50	Y=	-62.50	Z=	60.00
78	X=	125.00	Y=	-62.50	Z=	60.00
79	X=	187.50	Y=	-62.50	Z=	60.00
80	X=	250.00	Y=	-62.50	Z=	60.00
81	X=	312.50	Y=	-62.50	Z=	60.00
82	X=	375.00	Y=	-62.50	Z=	60.00
83	X=	437.50	Y=	-62.50	Z=	60.00
84	X=	500.00	Y=	-62.50	Z=	60.00
85	X=	562.50	Y=	-62.50	Z=	60.00
86	X=	625.00	Y=	-62.50	Z=	60.00
87	X=	687.50	Y=	-62.50	Z=	60.00
88	X=	750.00	Y=	-62.50	Z=	60.00
89	X=	812.50	Y=	-62.50	Z=	60.00
90	X=	875.00	Y=	-62.50	Z=	60.00
91	X=	937.50	Y=	-62.50	Z=	60.00
92	X=	1000.00	Y=	-62.50	Z=	60.00
93	X=	1062.50	Y=	-62.50	Z=	60.00
94	X=	1125.00	Y=	-62.50	Z=	60.00
95	X=	1187.50	Y=	-62.50	Z=	60.00
96	X=	1250.00	Y=	-62.50	Z=	60.00
97	X=	1312.50	Y=	-62.50	Z=	60.00
98	X=	1375.00	Y=	-62.50	Z=	60.00
99	X=	1437.50	Y=	-62.50	Z=	60.00
100	X=	-62.50	Y=	-125.00	Z=	60.00
101	X=	0.00	Y=	-125.00	Z=	60.00
102	X=	62.50	Y=	-125.00	Z=	60.00
103	X=	125.00	Y=	-125.00	Z=	60.00
104	X=	187.50	Y=	-125.00	Z=	60.00

P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
RELAZIONE DI CALCOLO TIPOLOGICA

Codice documento

CG0000PCLDPCZC2NI83000002F0

Rev

F0

Data

20/06/2011

105	X=	250.00	Y=	-125.00	Z=	60.00
106	X=	312.50	Y=	-125.00	Z=	60.00
107	X=	375.00	Y=	-125.00	Z=	60.00
108	X=	437.50	Y=	-125.00	Z=	60.00
109	X=	500.00	Y=	-125.00	Z=	60.00
110	X=	562.50	Y=	-125.00	Z=	60.00
111	X=	625.00	Y=	-125.00	Z=	60.00
112	X=	687.50	Y=	-125.00	Z=	60.00
113	X=	750.00	Y=	-125.00	Z=	60.00
114	X=	812.50	Y=	-125.00	Z=	60.00
115	X=	875.00	Y=	-125.00	Z=	60.00
116	X=	937.50	Y=	-125.00	Z=	60.00
117	X=	1000.00	Y=	-125.00	Z=	60.00
118	X=	1062.50	Y=	-125.00	Z=	60.00
119	X=	1125.00	Y=	-125.00	Z=	60.00
120	X=	1187.50	Y=	-125.00	Z=	60.00
121	X=	1250.00	Y=	-125.00	Z=	60.00
122	X=	1312.50	Y=	-125.00	Z=	60.00
123	X=	1375.00	Y=	-125.00	Z=	60.00
124	X=	1437.50	Y=	-125.00	Z=	60.00
125	X=	-62.50	Y=	125.00	Z=	60.00
126	X=	0.00	Y=	125.00	Z=	60.00
127	X=	62.50	Y=	125.00	Z=	60.00
128	X=	125.00	Y=	125.00	Z=	60.00
129	X=	187.50	Y=	125.00	Z=	60.00
130	X=	250.00	Y=	125.00	Z=	60.00
131	X=	312.50	Y=	125.00	Z=	60.00
132	X=	375.00	Y=	125.00	Z=	60.00
133	X=	437.50	Y=	125.00	Z=	60.00
134	X=	500.00	Y=	125.00	Z=	60.00
135	X=	562.50	Y=	125.00	Z=	60.00
136	X=	625.00	Y=	125.00	Z=	60.00
137	X=	687.50	Y=	125.00	Z=	60.00
138	X=	750.00	Y=	125.00	Z=	60.00
139	X=	812.50	Y=	125.00	Z=	60.00
140	X=	875.00	Y=	125.00	Z=	60.00
141	X=	937.50	Y=	125.00	Z=	60.00
142	X=	1000.00	Y=	125.00	Z=	60.00
143	X=	1062.50	Y=	125.00	Z=	60.00
144	X=	1125.00	Y=	125.00	Z=	60.00
145	X=	1187.50	Y=	125.00	Z=	60.00
146	X=	1250.00	Y=	125.00	Z=	60.00
147	X=	1312.50	Y=	125.00	Z=	60.00
148	X=	1375.00	Y=	125.00	Z=	60.00
149	X=	1437.50	Y=	125.00	Z=	60.00
150	X=	-62.50	Y=	187.50	Z=	60.00
151	X=	0.00	Y=	187.50	Z=	60.00
152	X=	62.50	Y=	187.50	Z=	60.00
153	X=	125.00	Y=	187.50	Z=	60.00
154	X=	187.50	Y=	187.50	Z=	60.00
155	X=	250.00	Y=	187.50	Z=	60.00
156	X=	312.50	Y=	187.50	Z=	60.00
157	X=	375.00	Y=	187.50	Z=	60.00
158	X=	437.50	Y=	187.50	Z=	60.00
159	X=	500.00	Y=	187.50	Z=	60.00
160	X=	562.50	Y=	187.50	Z=	60.00
161	X=	625.00	Y=	187.50	Z=	60.00
162	X=	687.50	Y=	187.50	Z=	60.00
163	X=	750.00	Y=	187.50	Z=	60.00
164	X=	812.50	Y=	187.50	Z=	60.00
165	X=	875.00	Y=	187.50	Z=	60.00
166	X=	937.50	Y=	187.50	Z=	60.00
167	X=	1000.00	Y=	187.50	Z=	60.00
168	X=	1062.50	Y=	187.50	Z=	60.00
169	X=	1125.00	Y=	187.50	Z=	60.00
170	X=	1187.50	Y=	187.50	Z=	60.00
171	X=	1250.00	Y=	187.50	Z=	60.00
172	X=	1312.50	Y=	187.50	Z=	60.00
173	X=	1375.00	Y=	187.50	Z=	60.00
174	X=	1437.50	Y=	187.50	Z=	60.00

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RELAZIONE DI CALCOLO TIPOLOGICA

Codice documento

CG0000PCLDPCZC2NI83000002F0

Rev

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Data

20/06/2011

175	X=	-62.50	Y=	275.00	Z=	60.00
176	X=	0.00	Y=	275.00	Z=	60.00
177	X=	62.50	Y=	275.00	Z=	60.00
178	X=	125.00	Y=	275.00	Z=	60.00
179	X=	187.50	Y=	275.00	Z=	60.00
180	X=	250.00	Y=	275.00	Z=	60.00
181	X=	312.50	Y=	275.00	Z=	60.00
182	X=	375.00	Y=	275.00	Z=	60.00
183	X=	437.50	Y=	275.00	Z=	60.00
184	X=	500.00	Y=	275.00	Z=	60.00
185	X=	562.50	Y=	275.00	Z=	60.00
186	X=	625.00	Y=	275.00	Z=	60.00
187	X=	687.50	Y=	275.00	Z=	60.00
188	X=	750.00	Y=	275.00	Z=	60.00
189	X=	812.50	Y=	275.00	Z=	60.00
190	X=	875.00	Y=	275.00	Z=	60.00
191	X=	937.50	Y=	275.00	Z=	60.00
192	X=	1000.00	Y=	275.00	Z=	60.00
193	X=	1062.50	Y=	275.00	Z=	60.00
194	X=	1125.00	Y=	275.00	Z=	60.00
195	X=	1187.50	Y=	275.00	Z=	60.00
196	X=	1250.00	Y=	275.00	Z=	60.00
197	X=	1312.50	Y=	275.00	Z=	60.00
198	X=	1375.00	Y=	275.00	Z=	60.00
199	X=	1437.50	Y=	275.00	Z=	60.00

RESTRAINTS; Vincoli esterni bloccati
ADD=25,199,1 DOF=UX,UY,RZ

SPRINGS; Vincoli elastici (KN/cm, KN*cm/rad)
ADD=25,36,1 UZ=308.59374
ADD=37,38,1 UZ=154.29687
ADD=39,72,1 UZ=308.59374
ADD=73,75,1 UZ=154.29687
ADD=76,98,1 UZ=308.59374
ADD=99 UZ=154.29687
ADD=100 UZ=77.148436
ADD=101,123,1 UZ=154.29687
ADD=124 UZ=77.148436
ADD=125 UZ=154.29687
ADD=126,148,1 UZ=308.59374
ADD=149 UZ=154.29687
ADD=150 UZ=185.15625
ADD=151,173,1 UZ=370.3125
ADD=174 UZ=185.15625
ADD=175 UZ=108.00781
ADD=176,198,1 UZ=216.01563
ADD=199 UZ=108.00781

MATERIAL

NAME=1 TYPE=ISO M=0 W=2.4525e-05; c35_45 pref
E=3462.549 U=0.200 A=1e-05
NAME=2 TYPE=ISO M=0 W=4.64155e-05; c25_30 opera
E=3144.716 U=0.200 A=1e-05
NAME=3 TYPE=ISO M=0 W=2.4525e-05; shell_ca
E=3144.716 U=0.200 A=1e-05

FRAME SECTION

;Sezione: paramento; Materiale: c35_45 pref
;Rigidezza fless. e a taglio 50.00 % risp. elementi non fessurati
NAME=1 TYPE=PRISM MAT=1 A=3600.00 J=432160 I=1331543,1258725 AS=1134,958
;Sezione: paramento_b; Materiale: c35_45 pref
;Rigidezza fless. e a taglio 50.00 % risp. elementi non fessurati
NAME=2 TYPE=PRISM MAT=1 A=4635.00 J=614666 I=4217116,1281538 AS=1204,1387
;Sez i: paramento_b; Sez j: paramento; Materiale: c35_45 pref
NAME=3 TYPE=NONPR SEC=2,1 EIVAR=3,3
;Sezione: pulvino; Materiale: c25_30 opera
;Rigidezza fless. e a taglio 50.00 % risp. elementi non fessurati
NAME=4 TYPE=PRISM MAT=2 A=7080.00 J=5759154 I=1062000,4107580 AS=2950,2950

SHELL SECTION

NAME=1 TYPE=SHELL, THICK MAT=3 TH=130.0000 THB=130.0000; Materiale: shell_ca

FRAME; Aste

1	J=2	,1	SEC=1	NSEG=4	ANG=-90.0000		
2	J=4	,3	SEC=1	NSEG=4	ANG=-90.0000		
3	J=6	,5	SEC=1	NSEG=4	ANG=-90.0000		
4	J=8	,7	SEC=1	NSEG=4	ANG=-90.0000		
5	J=10	,9	SEC=1	NSEG=4	ANG=-90.0000		
6	J=12	,11	SEC=1	NSEG=4	ANG=-90.0000		
7	J=14	,13	SEC=1	NSEG=4	ANG=-90.0000		
8	J=16	,15	SEC=1	NSEG=4	ANG=-90.0000		
9	J=18	,17	SEC=1	NSEG=4	ANG=-90.0000		
10	J=20	,19	SEC=1	NSEG=4	ANG=-90.0000		
11	J=22	,21	SEC=1	NSEG=4	ANG=-90.0000		
12	J=24	,23	SEC=1	NSEG=4	ANG=-90.0000		
13	J=25	,2	SEC=3	NSEG=4	ANG=-90.0000		
14	J=26	,4	SEC=3	NSEG=4	ANG=-90.0000		
15	J=27	,6	SEC=3	NSEG=4	ANG=-90.0000		
16	J=28	,8	SEC=3	NSEG=4	ANG=-90.0000		
17	J=29	,10	SEC=3	NSEG=4	ANG=-90.0000		
18	J=30	,12	SEC=3	NSEG=4	ANG=-90.0000		
19	J=31	,14	SEC=3	NSEG=4	ANG=-90.0000		
20	J=32	,16	SEC=3	NSEG=4	ANG=-90.0000		
21	J=33	,18	SEC=3	NSEG=4	ANG=-90.0000		
22	J=34	,20	SEC=3	NSEG=4	ANG=-90.0000		
23	J=35	,22	SEC=3	NSEG=4	ANG=-90.0000		
24	J=36	,24	SEC=3	NSEG=4	ANG=-90.0000		
25	J=23	,21	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
28	J=19	,17	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
29	J=17	,15	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
31	J=15	,13	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
32	J=13	,11	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
34	J=11	,9	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
35	J=9	,7	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
37	J=7	,5	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
39	J=5	,3	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
40	J=3	,1	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
41	J=21	,19	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	

SHELL; Elementi superficiali

1	J=37	,38	,25	,39	SEC=1
2	J=25	,39	,41	,40	SEC=1
3	J=41	,40	,26	,42	SEC=1
4	J=26	,42	,44	,43	SEC=1
5	J=44	,43	,27	,45	SEC=1
6	J=27	,45	,47	,46	SEC=1
7	J=47	,46	,28	,48	SEC=1
8	J=28	,48	,50	,49	SEC=1
9	J=50	,49	,29	,51	SEC=1
10	J=29	,51	,53	,52	SEC=1
11	J=53	,52	,30	,54	SEC=1
12	J=30	,54	,56	,55	SEC=1
13	J=56	,55	,31	,57	SEC=1
14	J=31	,57	,59	,58	SEC=1
15	J=59	,58	,32	,60	SEC=1
16	J=32	,60	,62	,61	SEC=1
17	J=62	,61	,33	,63	SEC=1
18	J=33	,63	,65	,64	SEC=1
19	J=65	,64	,34	,66	SEC=1
20	J=34	,66	,68	,67	SEC=1
21	J=68	,67	,35	,69	SEC=1
22	J=35	,69	,71	,70	SEC=1
23	J=71	,70	,36	,72	SEC=1
24	J=36	,72	,74	,73	SEC=1
25	J=75	,37	,76	,25	SEC=1
26	J=76	,25	,77	,41	SEC=1
27	J=77	,41	,78	,26	SEC=1
28	J=78	,26	,79	,44	SEC=1
29	J=79	,44	,80	,27	SEC=1

30	J=80	,27	,81	,47	SEC=1
31	J=81	,47	,82	,28	SEC=1
32	J=82	,28	,83	,50	SEC=1
33	J=83	,50	,84	,29	SEC=1
34	J=84	,29	,85	,53	SEC=1
35	J=85	,53	,86	,30	SEC=1
36	J=86	,30	,87	,56	SEC=1
37	J=87	,56	,88	,31	SEC=1
38	J=88	,31	,89	,59	SEC=1
39	J=89	,59	,90	,32	SEC=1
40	J=90	,32	,91	,62	SEC=1
41	J=91	,62	,92	,33	SEC=1
42	J=92	,33	,93	,65	SEC=1
43	J=93	,65	,94	,34	SEC=1
44	J=94	,34	,95	,68	SEC=1
45	J=95	,68	,96	,35	SEC=1
46	J=96	,35	,97	,71	SEC=1
47	J=97	,71	,98	,36	SEC=1
48	J=98	,36	,99	,74	SEC=1
49	J=100	,75	,101	,76	SEC=1
50	J=101	,76	,102	,77	SEC=1
51	J=102	,77	,103	,78	SEC=1
52	J=103	,78	,104	,79	SEC=1
53	J=104	,79	,105	,80	SEC=1
54	J=105	,80	,106	,81	SEC=1
55	J=106	,81	,107	,82	SEC=1
56	J=107	,82	,108	,83	SEC=1
57	J=108	,83	,109	,84	SEC=1
58	J=109	,84	,110	,85	SEC=1
59	J=110	,85	,111	,86	SEC=1
60	J=111	,86	,112	,87	SEC=1
61	J=112	,87	,113	,88	SEC=1
62	J=113	,88	,114	,89	SEC=1
63	J=114	,89	,115	,90	SEC=1
64	J=115	,90	,116	,91	SEC=1
65	J=116	,91	,117	,92	SEC=1
66	J=117	,92	,118	,93	SEC=1
67	J=118	,93	,119	,94	SEC=1
68	J=119	,94	,120	,95	SEC=1
69	J=120	,95	,121	,96	SEC=1
70	J=121	,96	,122	,97	SEC=1
71	J=122	,97	,123	,98	SEC=1
72	J=123	,98	,124	,99	SEC=1
73	J=38	,125	,39	,126	SEC=1
74	J=39	,126	,40	,127	SEC=1
75	J=40	,127	,42	,128	SEC=1
76	J=42	,128	,43	,129	SEC=1
77	J=43	,129	,45	,130	SEC=1
78	J=45	,130	,46	,131	SEC=1
79	J=46	,131	,48	,132	SEC=1
80	J=48	,132	,49	,133	SEC=1
81	J=49	,133	,51	,134	SEC=1
82	J=51	,134	,52	,135	SEC=1
83	J=52	,135	,54	,136	SEC=1
84	J=54	,136	,55	,137	SEC=1
85	J=55	,137	,57	,138	SEC=1
86	J=57	,138	,58	,139	SEC=1
87	J=58	,139	,60	,140	SEC=1
88	J=60	,140	,61	,141	SEC=1
89	J=61	,141	,63	,142	SEC=1
90	J=63	,142	,64	,143	SEC=1
91	J=64	,143	,66	,144	SEC=1
92	J=66	,144	,67	,145	SEC=1
93	J=67	,145	,69	,146	SEC=1
94	J=69	,146	,70	,147	SEC=1
95	J=70	,147	,72	,148	SEC=1
96	J=72	,148	,73	,149	SEC=1
97	J=125	,150	,126	,151	SEC=1
98	J=126	,151	,127	,152	SEC=1
99	J=127	,152	,128	,153	SEC=1

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100 J=128 ,153 ,129 ,154 SEC=1
101 J=129 ,154 ,130 ,155 SEC=1
102 J=130 ,155 ,131 ,156 SEC=1
103 J=131 ,156 ,132 ,157 SEC=1
104 J=132 ,157 ,133 ,158 SEC=1
105 J=133 ,158 ,134 ,159 SEC=1
106 J=134 ,159 ,135 ,160 SEC=1
107 J=135 ,160 ,136 ,161 SEC=1
108 J=136 ,161 ,137 ,162 SEC=1
109 J=137 ,162 ,138 ,163 SEC=1
110 J=138 ,163 ,139 ,164 SEC=1
111 J=139 ,164 ,140 ,165 SEC=1
112 J=140 ,165 ,141 ,166 SEC=1
113 J=141 ,166 ,142 ,167 SEC=1
114 J=142 ,167 ,143 ,168 SEC=1
115 J=143 ,168 ,144 ,169 SEC=1
116 J=144 ,169 ,145 ,170 SEC=1
117 J=145 ,170 ,146 ,171 SEC=1
118 J=146 ,171 ,147 ,172 SEC=1
119 J=147 ,172 ,148 ,173 SEC=1
120 J=148 ,173 ,149 ,174 SEC=1
121 J=150 ,175 ,151 ,176 SEC=1
122 J=151 ,176 ,152 ,177 SEC=1
123 J=152 ,177 ,153 ,178 SEC=1
124 J=153 ,178 ,154 ,179 SEC=1
125 J=154 ,179 ,155 ,180 SEC=1
126 J=155 ,180 ,156 ,181 SEC=1
127 J=156 ,181 ,157 ,182 SEC=1
128 J=157 ,182 ,158 ,183 SEC=1
129 J=158 ,183 ,159 ,184 SEC=1
130 J=159 ,184 ,160 ,185 SEC=1
131 J=160 ,185 ,161 ,186 SEC=1
132 J=161 ,186 ,162 ,187 SEC=1
133 J=162 ,187 ,163 ,188 SEC=1
134 J=163 ,188 ,164 ,189 SEC=1
135 J=164 ,189 ,165 ,190 SEC=1
136 J=165 ,190 ,166 ,191 SEC=1
137 J=166 ,191 ,167 ,192 SEC=1
138 J=167 ,192 ,168 ,193 SEC=1
139 J=168 ,193 ,169 ,194 SEC=1
140 J=169 ,194 ,170 ,195 SEC=1
141 J=170 ,195 ,171 ,196 SEC=1
142 J=171 ,196 ,172 ,197 SEC=1
143 J=172 ,197 ,173 ,198 SEC=1
144 J=173 ,198 ,174 ,199 SEC=1

```

```

LOAD; Carichi
;Cond. 1 - PProp
NAME=COND1
TYPE=GRAVITY ELEM=FRAME ; Pesi propri aste
ADD=1,25,1 UZ=-1.
ADD=28,29,1 UZ=-1.
ADD=31,32,1 UZ=-1.
ADD=34,35,1 UZ=-1.
ADD=37 UZ=-1.
ADD=39,41,1 UZ=-1.
TYPE=GRAVITY ELEM=SHELL ; Pesi propri shell
ADD=1,144,1 UZ=-1.
;Cond. 2 - CPerm
NAME=COND2
;Cond. 3 - perm da imp
NAME=COND3
TYPE=DISTRIBUTED SPAN ;Carichi nelle aste
ADD=25 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=28 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=29 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=31 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=32 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=34 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=35 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0

```

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```

ADD=37   UXP=0   UYP=0   UZP=-2.0075   RXP=0   RYP=0   RZP=0
ADD=39   UXP=0   UYP=0   UZP=-2.0075   RXP=0   RYP=0   RZP=0
ADD=40   UXP=0   UYP=0   UZP=-2.0075   RXP=0   RYP=0   RZP=0
ADD=41   UXP=0   UYP=0   UZP=-2.0075   RXP=0   RYP=0   RZP=0
;Cond. 4 - var da imp
NAME=COND4
TYPE=DISTRIBUTED SPAN ;Carichi nelle aste
ADD=25   UXP=0   UYP=0   UZP=-0.727196   RXP=0   RYP=0   RZP=0
ADD=28   UXP=0   UYP=0   UZP=-0.727196   RXP=0   RYP=0   RZP=0
ADD=29   UXP=0   UYP=0   UZP=-0.727196   RXP=0   RYP=0   RZP=0
ADD=31   UXP=0   UYP=0   UZP=-0.727196   RXP=0   RYP=0   RZP=0
ADD=32   UXP=0   UYP=0   UZP=-0.727196   RXP=0   RYP=0   RZP=0
ADD=34   UXP=0   UYP=0   UZP=-0.727196   RXP=0   RYP=0   RZP=0
ADD=35   UXP=0   UYP=0   UZP=-0.727196   RXP=0   RYP=0   RZP=0
ADD=37   UXP=0   UYP=0   UZP=-0.727196   RXP=0   RYP=0   RZP=0
ADD=39   UXP=0   UYP=0   UZP=-0.727196   RXP=0   RYP=0   RZP=0
ADD=40   UXP=0   UYP=0   UZP=-0.727196   RXP=0   RYP=0   RZP=0
ADD=41   UXP=0   UYP=0   UZP=-0.727196   RXP=0   RYP=0   RZP=0
;Cond. 5 - vent da imp
NAME=COND5
;Cond. 6 - sx da imp
NAME=COND6
TYPE=DISTRIBUTED SPAN ;Carichi nelle aste
ADD=25   U1=0   U2=0   U3=-0.441401   R1=0   R2=0   R3=0
ADD=28   U1=0   U2=0   U3=-0.441401   R1=0   R2=0   R3=0
ADD=29   U1=0   U2=0   U3=-0.441401   R1=0   R2=0   R3=0
ADD=31   U1=0   U2=0   U3=-0.441401   R1=0   R2=0   R3=0
ADD=32   U1=0   U2=0   U3=-0.441401   R1=0   R2=0   R3=0
ADD=34   U1=0   U2=0   U3=-0.441401   R1=0   R2=0   R3=0
ADD=35   U1=0   U2=0   U3=-0.441401   R1=0   R2=0   R3=0
ADD=37   U1=0   U2=0   U3=-0.441401   R1=0   R2=0   R3=0
ADD=39   U1=0   U2=0   U3=-0.441401   R1=0   R2=0   R3=0
ADD=40   U1=0   U2=0   U3=-0.441401   R1=0   R2=0   R3=0
ADD=41   U1=0   U2=0   U3=-0.441401   R1=0   R2=0   R3=0
;Cond. 7 - mezz cant
NAME=COND7
TYPE=FORCE; Carichi nei nodi
ADD=7   UX=0   UY=0   UZ=0   RX=5811   RY=0   RZ=0
ADD=9   UX=0   UY=0   UZ=0   RX=5811   RY=0   RZ=0
ADD=11  UX=0   UY=0   UZ=0   RX=5811   RY=0   RZ=0
ADD=13  UX=0   UY=0   UZ=0   RX=5811   RY=0   RZ=0
ADD=15  UX=0   UY=0   UZ=0   RX=5811   RY=0   RZ=0
ADD=17  UX=0   UY=0   UZ=0   RX=5811   RY=0   RZ=0
TYPE=DISTRIBUTED SPAN ;Carichi nelle aste
ADD=4   RD=-0,1   U2=0,0.6116
ADD=5   RD=-0,1   U2=0,0.6116
ADD=6   RD=-0,1   U2=0,0.6116
ADD=7   RD=-0,1   U2=0,0.6116
ADD=8   RD=-0,1   U2=0,0.6116
ADD=9   RD=-0,1   U2=0,0.6116
ADD=16  RD=-0,0.339623   U2=0.6116,0.66
ADD=16  RD=0.339623,0.349623   U2=0.66,0.66
ADD=16  RD=0.349623,0.981132   U2=0.66,0.5333
ADD=17  RD=-0,0.339623   U2=0.6116,0.66
ADD=17  RD=0.339623,0.349623   U2=0.66,0.66
ADD=17  RD=0.349623,0.981132   U2=0.66,0.5333
ADD=18  RD=-0,0.339623   U2=0.6116,0.66
ADD=18  RD=0.339623,0.349623   U2=0.66,0.66
ADD=18  RD=0.349623,0.981132   U2=0.66,0.5333
ADD=19  RD=-0,0.339623   U2=0.6116,0.66
ADD=19  RD=0.339623,0.349623   U2=0.66,0.66
ADD=19  RD=0.349623,0.981132   U2=0.66,0.5333
ADD=20  RD=-0,0.339623   U2=0.6116,0.66
ADD=20  RD=0.339623,0.349623   U2=0.66,0.66
ADD=20  RD=0.349623,0.981132   U2=0.66,0.5333
ADD=21  RD=-0,0.339623   U2=0.6116,0.66
ADD=21  RD=0.339623,0.349623   U2=0.66,0.66
ADD=21  RD=0.349623,0.981132   U2=0.66,0.5333
;Cond. 8 - sp sism terr
NAME=COND8

```



```
TYPE=FORCE; Carichi nei nodi
ADD=1 UX=0 UY=0 UZ=0 RX=80 RY=0 RZ=0
ADD=3 UX=0 UY=0 UZ=0 RX=80 RY=0 RZ=0
ADD=5 UX=0 UY=0 UZ=0 RX=80 RY=0 RZ=0
ADD=7 UX=0 UY=0 UZ=0 RX=80 RY=0 RZ=0
ADD=9 UX=0 UY=0 UZ=0 RX=80 RY=0 RZ=0
ADD=11 UX=0 UY=0 UZ=0 RX=80 RY=0 RZ=0
ADD=13 UX=0 UY=0 UZ=0 RX=80 RY=0 RZ=0
ADD=15 UX=0 UY=0 UZ=0 RX=80 RY=0 RZ=0
ADD=17 UX=0 UY=0 UZ=0 RX=80 RY=0 RZ=0
ADD=19 UX=0 UY=0 UZ=0 RX=80 RY=0 RZ=0
ADD=21 UX=0 UY=0 UZ=0 RX=80 RY=0 RZ=0
ADD=23 UX=0 UY=0 UZ=0 RX=80 RY=0 RZ=0
TYPE=DISTRIBUTED SPAN ;Carichi nelle aste
ADD=1 RD=-0,1 U2=0,0.0161
ADD=2 RD=-0,1 U2=0,0.0161
ADD=3 RD=-0,1 U2=0,0.0161
ADD=4 RD=-0,1 U2=0,0.0161
ADD=5 RD=-0,1 U2=0,0.0161
ADD=6 RD=-0,1 U2=0,0.0161
ADD=7 RD=-0,1 U2=0,0.0161
ADD=8 RD=-0,1 U2=0,0.0161
ADD=9 RD=-0,1 U2=0,0.0161
ADD=10 RD=-0,1 U2=0,0.0161
ADD=11 RD=-0,1 U2=0,0.0161
ADD=12 RD=-0,1 U2=0,0.0161
ADD=13 RD=-0,1 U2=0,0.0241
ADD=14 RD=-0,1 U2=0,0.0241
ADD=15 RD=-0,1 U2=0,0.0241
ADD=16 RD=-0,1 U2=0,0.0241
ADD=17 RD=-0,1 U2=0,0.0241
ADD=18 RD=-0,1 U2=0,0.0241
ADD=19 RD=-0,1 U2=0,0.0241
ADD=20 RD=-0,1 U2=0,0.0241
ADD=21 RD=-0,1 U2=0,0.0241
ADD=22 RD=-0,1 U2=0,0.0241
ADD=23 RD=-0,1 U2=0,0.0241
ADD=24 RD=-0,1 U2=0,0.0241
ADD=25 U1=0 U2=0 U3=-0.00779895 R1=0 R2=0 R3=0
ADD=28 U1=0 U2=0 U3=-0.00779895 R1=0 R2=0 R3=0
ADD=29 U1=0 U2=0 U3=-0.00779895 R1=0 R2=0 R3=0
ADD=31 U1=0 U2=0 U3=-0.00779895 R1=0 R2=0 R3=0
ADD=32 U1=0 U2=0 U3=-0.00779895 R1=0 R2=0 R3=0
ADD=34 U1=0 U2=0 U3=-0.00779895 R1=0 R2=0 R3=0
ADD=35 U1=0 U2=0 U3=-0.00779895 R1=0 R2=0 R3=0
ADD=37 U1=0 U2=0 U3=-0.00779895 R1=0 R2=0 R3=0
ADD=39 U1=0 U2=0 U3=-0.00779895 R1=0 R2=0 R3=0
ADD=40 U1=0 U2=0 U3=-0.00779895 R1=0 R2=0 R3=0
ADD=41 U1=0 U2=0 U3=-0.00779895 R1=0 R2=0 R3=0
;Cond. 9 - st stat terr
NAME=COND9
TYPE=FORCE; Carichi nei nodi
ADD=1 UX=0 UY=0 UZ=0 RX=1334 RY=0 RZ=0
ADD=3 UX=0 UY=0 UZ=0 RX=1334 RY=0 RZ=0
ADD=5 UX=0 UY=0 UZ=0 RX=1334 RY=0 RZ=0
ADD=7 UX=0 UY=0 UZ=0 RX=1334 RY=0 RZ=0
ADD=9 UX=0 UY=0 UZ=0 RX=1334 RY=0 RZ=0
ADD=11 UX=0 UY=0 UZ=0 RX=1334 RY=0 RZ=0
ADD=13 UX=0 UY=0 UZ=0 RX=1334 RY=0 RZ=0
ADD=15 UX=0 UY=0 UZ=0 RX=1334 RY=0 RZ=0
ADD=17 UX=0 UY=0 UZ=0 RX=1334 RY=0 RZ=0
ADD=19 UX=0 UY=0 UZ=0 RX=1334 RY=0 RZ=0
ADD=21 UX=0 UY=0 UZ=0 RX=1334 RY=0 RZ=0
ADD=23 UX=0 UY=0 UZ=0 RX=1334 RY=0 RZ=0
TYPE=DISTRIBUTED SPAN ;Carichi nelle aste
ADD=1 RD=-0,1 U2=0,0.2993
ADD=2 RD=-0,1 U2=0,0.2993
ADD=3 RD=-0,1 U2=0,0.2993
ADD=4 RD=-0,1 U2=0,0.2993
ADD=5 RD=-0,1 U2=0,0.2993
```

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```

ADD=6      RD=-0,1  U2=0,0.2993
ADD=7      RD=-0,1  U2=0,0.2993
ADD=8      RD=-0,1  U2=0,0.2993
ADD=9      RD=-0,1  U2=0,0.2993
ADD=10     RD=-0,1  U2=0,0.2993
ADD=11     RD=-0,1  U2=0,0.2993
ADD=12     RD=-0,1  U2=0,0.2993
ADD=13     RD=-0,1  U2=0,0.4698
ADD=14     RD=-0,1  U2=0,0.4698
ADD=15     RD=-0,1  U2=0,0.4698
ADD=16     RD=-0,1  U2=0,0.4698
ADD=17     RD=-0,1  U2=0,0.4698
ADD=18     RD=-0,1  U2=0,0.4698
ADD=19     RD=-0,1  U2=0,0.4698
ADD=20     RD=-0,1  U2=0,0.4698
ADD=21     RD=-0,1  U2=0,0.4698
ADD=22     RD=-0,1  U2=0,0.4698
ADD=23     RD=-0,1  U2=0,0.4698
ADD=24     RD=-0,1  U2=0,0.4698
ADD=25     U1=0    U2=0    U3=-0.160796  R1=0  R2=0  R3=0
ADD=28     U1=0    U2=0    U3=-0.160796  R1=0  R2=0  R3=0
ADD=29     U1=0    U2=0    U3=-0.160796  R1=0  R2=0  R3=0
ADD=31     U1=0    U2=0    U3=-0.160796  R1=0  R2=0  R3=0
ADD=32     U1=0    U2=0    U3=-0.160796  R1=0  R2=0  R3=0
ADD=34     U1=0    U2=0    U3=-0.160796  R1=0  R2=0  R3=0
ADD=35     U1=0    U2=0    U3=-0.160796  R1=0  R2=0  R3=0
ADD=37     U1=0    U2=0    U3=-0.160796  R1=0  R2=0  R3=0
ADD=39     U1=0    U2=0    U3=-0.160796  R1=0  R2=0  R3=0
ADD=40     U1=0    U2=0    U3=-0.160796  R1=0  R2=0  R3=0
ADD=41     U1=0    U2=0    U3=-0.160796  R1=0  R2=0  R3=0
    
```

MASSES; Masse nodali [KN/cm/s², (KN/cm/s²)*cmq]

```

ADD=1  UX=0.03062211  UY=0.03062211
ADD=2  UX=0.02246478  UY=0.02246478
ADD=3  UX=0.05156592  UY=0.05156592
ADD=4  UX=0.02246478  UY=0.02246478
ADD=5  UX=0.05156592  UY=0.05156592
ADD=6  UX=0.02246478  UY=0.02246478
ADD=7  UX=0.05156592  UY=0.05156592
ADD=8  UX=0.02246478  UY=0.02246478
ADD=9  UX=0.05156592  UY=0.05156592
ADD=10 UX=0.02246478  UY=0.02246478
ADD=11 UX=0.05156592  UY=0.05156592
ADD=12 UX=0.02246478  UY=0.02246478
ADD=13 UX=0.05156592  UY=0.05156592
ADD=14 UX=0.02246478  UY=0.02246478
ADD=15 UX=0.05156592  UY=0.05156592
ADD=16 UX=0.02246478  UY=0.02246478
ADD=17 UX=0.05156592  UY=0.05156592
ADD=18 UX=0.02246478  UY=0.02246478
ADD=19 UX=0.05156592  UY=0.05156592
ADD=20 UX=0.02246478  UY=0.02246478
ADD=21 UX=0.05156592  UY=0.05156592
ADD=22 UX=0.02246478  UY=0.02246478
ADD=23 UX=0.03062211  UY=0.03062211
ADD=24 UX=0.02246478  UY=0.02246478
    
```

SPEC

```

;Spettro di progetto SLU - Direzione Y1
NAME=SPECY1 ANG=0.000000  MODC=CQC  DAMP=0.05
ACC=U2  FUNC=ACORIY1  SF=1.000000
    
```

FUNCTION

```

NAME=ACORIY1  NPL=1
0.000000  247.9610
0.015800  282.4078
0.031600  316.8545
0.047400  351.3013
0.063200  385.7480
    
```

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0.079000	420.1947
0.094800	454.6415
0.110600	489.0882
0.126400	523.5350
0.142200	557.9817
0.158000	592.4285
0.473000	592.4285
0.670090	418.1806
0.867180	323.1378
1.064270	263.2966
1.261360	222.1560
1.458450	192.1346
1.655540	169.2612
1.852630	151.2545
2.049720	136.7107
2.246810	124.7185
2.443900	114.6651
2.444000	114.6558
2.599600	101.3410
2.755200	90.2178
2.910800	80.8302
3.066400	72.8351
3.222000	65.9701
3.377600	60.0319
3.533200	54.8608
3.688800	50.3301
3.844400	46.3384
4.000000	42.8034

MODES

TYPE=EIGEN N=6 TOL=0.0001

OUTPUT

ELEM=JOINT	TYPE=DISP,APPL,REAC	MODE=*	LOAD=*	SPEC=*
ELEM=FRAME	TYPE=FORCE	LOAD=*	SPEC=*	
ELEM=SHELL	TYPE=FORCE	LOAD=*	SPEC=*	

END

File analisi sisma orizzontale SLD

Nome lavoro: spalla. Unità: KN, cm. (4/10/2010 - 10:00)

; FILE: C:\spalla con fondazione\spalla.lav\Analysis\Statsld1.s2k.

SYSTEM

FORCE=KN LENGTH=CM PAGE=LINES LINES=10000

; Condizioni di carico statiche indipendenti

; Cond. 1 - PProp
; Cond. 2 - CPerm
; Cond. 3 - perm da imp
; Cond. 4 - var da imp
; Cond. 5 - vent da imp
; Cond. 6 - sx da imp
; Cond. 7 - mezz cant
; Cond. 8 - sp sism terr
; Cond. 9 - st stat terr

JOINTS; Coordinate Nodi

1	X=	0.00	Y=	0.00	Z=	540.00
2	X=	0.00	Y=	0.00	Z=	325.00
3	X=	125.00	Y=	0.00	Z=	540.00
4	X=	125.00	Y=	0.00	Z=	325.00
5	X=	250.00	Y=	0.00	Z=	540.00
6	X=	250.00	Y=	0.00	Z=	325.00
7	X=	375.00	Y=	0.00	Z=	540.00
8	X=	375.00	Y=	0.00	Z=	325.00
9	X=	500.00	Y=	0.00	Z=	540.00

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10	X=	500.00	Y=	0.00	Z=	325.00
11	X=	625.00	Y=	0.00	Z=	540.00
12	X=	625.00	Y=	0.00	Z=	325.00
13	X=	750.00	Y=	0.00	Z=	540.00
14	X=	750.00	Y=	0.00	Z=	325.00
15	X=	875.00	Y=	0.00	Z=	540.00
16	X=	875.00	Y=	0.00	Z=	325.00
17	X=	1000.00	Y=	0.00	Z=	540.00
18	X=	1000.00	Y=	0.00	Z=	325.00
19	X=	1125.00	Y=	0.00	Z=	540.00
20	X=	1125.00	Y=	0.00	Z=	325.00
21	X=	1250.00	Y=	0.00	Z=	540.00
22	X=	1250.00	Y=	0.00	Z=	325.00
23	X=	1375.00	Y=	0.00	Z=	540.00
24	X=	1375.00	Y=	0.00	Z=	325.00
25	X=	0.00	Y=	0.00	Z=	60.00
26	X=	125.00	Y=	0.00	Z=	60.00
27	X=	250.00	Y=	0.00	Z=	60.00
28	X=	375.00	Y=	0.00	Z=	60.00
29	X=	500.00	Y=	0.00	Z=	60.00
30	X=	625.00	Y=	0.00	Z=	60.00
31	X=	750.00	Y=	0.00	Z=	60.00
32	X=	875.00	Y=	0.00	Z=	60.00
33	X=	1000.00	Y=	0.00	Z=	60.00
34	X=	1125.00	Y=	0.00	Z=	60.00
35	X=	1250.00	Y=	0.00	Z=	60.00
36	X=	1375.00	Y=	0.00	Z=	60.00
37	X=	-62.50	Y=	0.00	Z=	60.00
38	X=	-62.50	Y=	62.50	Z=	60.00
39	X=	0.00	Y=	62.50	Z=	60.00
40	X=	62.50	Y=	62.50	Z=	60.00
41	X=	62.50	Y=	0.00	Z=	60.00
42	X=	125.00	Y=	62.50	Z=	60.00
43	X=	187.50	Y=	62.50	Z=	60.00
44	X=	187.50	Y=	0.00	Z=	60.00
45	X=	250.00	Y=	62.50	Z=	60.00
46	X=	312.50	Y=	62.50	Z=	60.00
47	X=	312.50	Y=	0.00	Z=	60.00
48	X=	375.00	Y=	62.50	Z=	60.00
49	X=	437.50	Y=	62.50	Z=	60.00
50	X=	437.50	Y=	0.00	Z=	60.00
51	X=	500.00	Y=	62.50	Z=	60.00
52	X=	562.50	Y=	62.50	Z=	60.00
53	X=	562.50	Y=	0.00	Z=	60.00
54	X=	625.00	Y=	62.50	Z=	60.00
55	X=	687.50	Y=	62.50	Z=	60.00
56	X=	687.50	Y=	0.00	Z=	60.00
57	X=	750.00	Y=	62.50	Z=	60.00
58	X=	812.50	Y=	62.50	Z=	60.00
59	X=	812.50	Y=	0.00	Z=	60.00
60	X=	875.00	Y=	62.50	Z=	60.00
61	X=	937.50	Y=	62.50	Z=	60.00
62	X=	937.50	Y=	0.00	Z=	60.00
63	X=	1000.00	Y=	62.50	Z=	60.00
64	X=	1062.50	Y=	62.50	Z=	60.00
65	X=	1062.50	Y=	0.00	Z=	60.00
66	X=	1125.00	Y=	62.50	Z=	60.00
67	X=	1187.50	Y=	62.50	Z=	60.00
68	X=	1187.50	Y=	0.00	Z=	60.00
69	X=	1250.00	Y=	62.50	Z=	60.00
70	X=	1312.50	Y=	62.50	Z=	60.00
71	X=	1312.50	Y=	0.00	Z=	60.00
72	X=	1375.00	Y=	62.50	Z=	60.00
73	X=	1437.50	Y=	62.50	Z=	60.00
74	X=	1437.50	Y=	0.00	Z=	60.00
75	X=	-62.50	Y=	-62.50	Z=	60.00
76	X=	0.00	Y=	-62.50	Z=	60.00
77	X=	62.50	Y=	-62.50	Z=	60.00
78	X=	125.00	Y=	-62.50	Z=	60.00
79	X=	187.50	Y=	-62.50	Z=	60.00

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80	X=	250.00	Y=	-62.50	Z=	60.00
81	X=	312.50	Y=	-62.50	Z=	60.00
82	X=	375.00	Y=	-62.50	Z=	60.00
83	X=	437.50	Y=	-62.50	Z=	60.00
84	X=	500.00	Y=	-62.50	Z=	60.00
85	X=	562.50	Y=	-62.50	Z=	60.00
86	X=	625.00	Y=	-62.50	Z=	60.00
87	X=	687.50	Y=	-62.50	Z=	60.00
88	X=	750.00	Y=	-62.50	Z=	60.00
89	X=	812.50	Y=	-62.50	Z=	60.00
90	X=	875.00	Y=	-62.50	Z=	60.00
91	X=	937.50	Y=	-62.50	Z=	60.00
92	X=	1000.00	Y=	-62.50	Z=	60.00
93	X=	1062.50	Y=	-62.50	Z=	60.00
94	X=	1125.00	Y=	-62.50	Z=	60.00
95	X=	1187.50	Y=	-62.50	Z=	60.00
96	X=	1250.00	Y=	-62.50	Z=	60.00
97	X=	1312.50	Y=	-62.50	Z=	60.00
98	X=	1375.00	Y=	-62.50	Z=	60.00
99	X=	1437.50	Y=	-62.50	Z=	60.00
100	X=	-62.50	Y=	-125.00	Z=	60.00
101	X=	0.00	Y=	-125.00	Z=	60.00
102	X=	62.50	Y=	-125.00	Z=	60.00
103	X=	125.00	Y=	-125.00	Z=	60.00
104	X=	187.50	Y=	-125.00	Z=	60.00
105	X=	250.00	Y=	-125.00	Z=	60.00
106	X=	312.50	Y=	-125.00	Z=	60.00
107	X=	375.00	Y=	-125.00	Z=	60.00
108	X=	437.50	Y=	-125.00	Z=	60.00
109	X=	500.00	Y=	-125.00	Z=	60.00
110	X=	562.50	Y=	-125.00	Z=	60.00
111	X=	625.00	Y=	-125.00	Z=	60.00
112	X=	687.50	Y=	-125.00	Z=	60.00
113	X=	750.00	Y=	-125.00	Z=	60.00
114	X=	812.50	Y=	-125.00	Z=	60.00
115	X=	875.00	Y=	-125.00	Z=	60.00
116	X=	937.50	Y=	-125.00	Z=	60.00
117	X=	1000.00	Y=	-125.00	Z=	60.00
118	X=	1062.50	Y=	-125.00	Z=	60.00
119	X=	1125.00	Y=	-125.00	Z=	60.00
120	X=	1187.50	Y=	-125.00	Z=	60.00
121	X=	1250.00	Y=	-125.00	Z=	60.00
122	X=	1312.50	Y=	-125.00	Z=	60.00
123	X=	1375.00	Y=	-125.00	Z=	60.00
124	X=	1437.50	Y=	-125.00	Z=	60.00
125	X=	-62.50	Y=	125.00	Z=	60.00
126	X=	0.00	Y=	125.00	Z=	60.00
127	X=	62.50	Y=	125.00	Z=	60.00
128	X=	125.00	Y=	125.00	Z=	60.00
129	X=	187.50	Y=	125.00	Z=	60.00
130	X=	250.00	Y=	125.00	Z=	60.00
131	X=	312.50	Y=	125.00	Z=	60.00
132	X=	375.00	Y=	125.00	Z=	60.00
133	X=	437.50	Y=	125.00	Z=	60.00
134	X=	500.00	Y=	125.00	Z=	60.00
135	X=	562.50	Y=	125.00	Z=	60.00
136	X=	625.00	Y=	125.00	Z=	60.00
137	X=	687.50	Y=	125.00	Z=	60.00
138	X=	750.00	Y=	125.00	Z=	60.00
139	X=	812.50	Y=	125.00	Z=	60.00
140	X=	875.00	Y=	125.00	Z=	60.00
141	X=	937.50	Y=	125.00	Z=	60.00
142	X=	1000.00	Y=	125.00	Z=	60.00
143	X=	1062.50	Y=	125.00	Z=	60.00
144	X=	1125.00	Y=	125.00	Z=	60.00
145	X=	1187.50	Y=	125.00	Z=	60.00
146	X=	1250.00	Y=	125.00	Z=	60.00
147	X=	1312.50	Y=	125.00	Z=	60.00
148	X=	1375.00	Y=	125.00	Z=	60.00
149	X=	1437.50	Y=	125.00	Z=	60.00

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150	X=	-62.50	Y=	187.50	Z=	60.00
151	X=	0.00	Y=	187.50	Z=	60.00
152	X=	62.50	Y=	187.50	Z=	60.00
153	X=	125.00	Y=	187.50	Z=	60.00
154	X=	187.50	Y=	187.50	Z=	60.00
155	X=	250.00	Y=	187.50	Z=	60.00
156	X=	312.50	Y=	187.50	Z=	60.00
157	X=	375.00	Y=	187.50	Z=	60.00
158	X=	437.50	Y=	187.50	Z=	60.00
159	X=	500.00	Y=	187.50	Z=	60.00
160	X=	562.50	Y=	187.50	Z=	60.00
161	X=	625.00	Y=	187.50	Z=	60.00
162	X=	687.50	Y=	187.50	Z=	60.00
163	X=	750.00	Y=	187.50	Z=	60.00
164	X=	812.50	Y=	187.50	Z=	60.00
165	X=	875.00	Y=	187.50	Z=	60.00
166	X=	937.50	Y=	187.50	Z=	60.00
167	X=	1000.00	Y=	187.50	Z=	60.00
168	X=	1062.50	Y=	187.50	Z=	60.00
169	X=	1125.00	Y=	187.50	Z=	60.00
170	X=	1187.50	Y=	187.50	Z=	60.00
171	X=	1250.00	Y=	187.50	Z=	60.00
172	X=	1312.50	Y=	187.50	Z=	60.00
173	X=	1375.00	Y=	187.50	Z=	60.00
174	X=	1437.50	Y=	187.50	Z=	60.00
175	X=	-62.50	Y=	275.00	Z=	60.00
176	X=	0.00	Y=	275.00	Z=	60.00
177	X=	62.50	Y=	275.00	Z=	60.00
178	X=	125.00	Y=	275.00	Z=	60.00
179	X=	187.50	Y=	275.00	Z=	60.00
180	X=	250.00	Y=	275.00	Z=	60.00
181	X=	312.50	Y=	275.00	Z=	60.00
182	X=	375.00	Y=	275.00	Z=	60.00
183	X=	437.50	Y=	275.00	Z=	60.00
184	X=	500.00	Y=	275.00	Z=	60.00
185	X=	562.50	Y=	275.00	Z=	60.00
186	X=	625.00	Y=	275.00	Z=	60.00
187	X=	687.50	Y=	275.00	Z=	60.00
188	X=	750.00	Y=	275.00	Z=	60.00
189	X=	812.50	Y=	275.00	Z=	60.00
190	X=	875.00	Y=	275.00	Z=	60.00
191	X=	937.50	Y=	275.00	Z=	60.00
192	X=	1000.00	Y=	275.00	Z=	60.00
193	X=	1062.50	Y=	275.00	Z=	60.00
194	X=	1125.00	Y=	275.00	Z=	60.00
195	X=	1187.50	Y=	275.00	Z=	60.00
196	X=	1250.00	Y=	275.00	Z=	60.00
197	X=	1312.50	Y=	275.00	Z=	60.00
198	X=	1375.00	Y=	275.00	Z=	60.00
199	X=	1437.50	Y=	275.00	Z=	60.00

RESTRAINTS; Vincoli esterni bloccati
ADD=25,199,1 DOF=UX,UY,RZ

SPRINGS; Vincoli elastici (KN/cm, KN*cm/rad)
ADD=25,36,1 UZ=308.59374
ADD=37,38,1 UZ=154.29687
ADD=39,72,1 UZ=308.59374
ADD=73,75,1 UZ=154.29687
ADD=76,98,1 UZ=308.59374
ADD=99 UZ=154.29687
ADD=100 UZ=77.148436
ADD=101,123,1 UZ=154.29687
ADD=124 UZ=77.148436
ADD=125 UZ=154.29687
ADD=126,148,1 UZ=308.59374
ADD=149 UZ=154.29687
ADD=150 UZ=185.15625
ADD=151,173,1 UZ=370.3125
ADD=174 UZ=185.15625

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ADD=175 UZ=108.00781
ADD=176,198,1 UZ=216.01563
ADD=199 UZ=108.00781

MATERIAL

NAME=1 TYPE=ISO M=0 W=2.4525e-05; c35_45 pref
E=3462.549 U=0.200 A=1e-05
NAME=2 TYPE=ISO M=0 W=4.64155e-05; c25_30 opera
E=3144.716 U=0.200 A=1e-05
NAME=3 TYPE=ISO M=0 W=2.4525e-05; shell_ca
E=3144.716 U=0.200 A=1e-05

FRAME SECTION

;Sezione: paramento; Materiale: c35_45 pref
;Rigidezza fless. e a taglio 50.00 % risp. elementi non fessurati
NAME=1 TYPE=PRISM MAT=1 A=3600.00 J=432160 I=1331543,1258725 AS=1134,958
;Sezione: paramento_b; Materiale: c35_45 pref
;Rigidezza fless. e a taglio 50.00 % risp. elementi non fessurati
NAME=2 TYPE=PRISM MAT=1 A=4635.00 J=614666 I=4217116,1281538 AS=1204,1387
;Sez i: paramento_b; Sez j: paramento; Materiale: c35_45 pref
NAME=3 TYPE=NONPR SEC=2,1 EIVAR=3,3
;Sezione: pulvino; Materiale: c25_30 opera
;Rigidezza fless. e a taglio 50.00 % risp. elementi non fessurati
NAME=4 TYPE=PRISM MAT=2 A=7080.00 J=5759154 I=1062000,4107580 AS=2950,2950

SHELL SECTION

NAME=1 TYPE=SHELL,THICK MAT=3 TH=130.0000 THB=130.0000; Materiale: shell_ca

FRAME; Aste

1	J=2	,1	SEC=1	NSEG=4	ANG=-90.0000		
2	J=4	,3	SEC=1	NSEG=4	ANG=-90.0000		
3	J=6	,5	SEC=1	NSEG=4	ANG=-90.0000		
4	J=8	,7	SEC=1	NSEG=4	ANG=-90.0000		
5	J=10	,9	SEC=1	NSEG=4	ANG=-90.0000		
6	J=12	,11	SEC=1	NSEG=4	ANG=-90.0000		
7	J=14	,13	SEC=1	NSEG=4	ANG=-90.0000		
8	J=16	,15	SEC=1	NSEG=4	ANG=-90.0000		
9	J=18	,17	SEC=1	NSEG=4	ANG=-90.0000		
10	J=20	,19	SEC=1	NSEG=4	ANG=-90.0000		
11	J=22	,21	SEC=1	NSEG=4	ANG=-90.0000		
12	J=24	,23	SEC=1	NSEG=4	ANG=-90.0000		
13	J=25	,2	SEC=3	NSEG=4	ANG=-90.0000		
14	J=26	,4	SEC=3	NSEG=4	ANG=-90.0000		
15	J=27	,6	SEC=3	NSEG=4	ANG=-90.0000		
16	J=28	,8	SEC=3	NSEG=4	ANG=-90.0000		
17	J=29	,10	SEC=3	NSEG=4	ANG=-90.0000		
18	J=30	,12	SEC=3	NSEG=4	ANG=-90.0000		
19	J=31	,14	SEC=3	NSEG=4	ANG=-90.0000		
20	J=32	,16	SEC=3	NSEG=4	ANG=-90.0000		
21	J=33	,18	SEC=3	NSEG=4	ANG=-90.0000		
22	J=34	,20	SEC=3	NSEG=4	ANG=-90.0000		
23	J=35	,22	SEC=3	NSEG=4	ANG=-90.0000		
24	J=36	,24	SEC=3	NSEG=4	ANG=-90.0000		
25	J=23	,21	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
28	J=19	,17	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
29	J=17	,15	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
31	J=15	,13	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
32	J=13	,11	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
34	J=11	,9	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
35	J=9	,7	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
37	J=7	,5	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
39	J=5	,3	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
40	J=3	,1	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	
41	J=21	,19	SEC=4	NSEG=4	IOFF=56.2	JOFF=56.2	

SHELL; Elementi superficiali

1	J=37	,38	,25	,39	SEC=1		
2	J=25	,39	,41	,40	SEC=1		
3	J=41	,40	,26	,42	SEC=1		
4	J=26	,42	,44	,43	SEC=1		

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5	J=44	,43	,27	,45	SEC=1
6	J=27	,45	,47	,46	SEC=1
7	J=47	,46	,28	,48	SEC=1
8	J=28	,48	,50	,49	SEC=1
9	J=50	,49	,29	,51	SEC=1
10	J=29	,51	,53	,52	SEC=1
11	J=53	,52	,30	,54	SEC=1
12	J=30	,54	,56	,55	SEC=1
13	J=56	,55	,31	,57	SEC=1
14	J=31	,57	,59	,58	SEC=1
15	J=59	,58	,32	,60	SEC=1
16	J=32	,60	,62	,61	SEC=1
17	J=62	,61	,33	,63	SEC=1
18	J=33	,63	,65	,64	SEC=1
19	J=65	,64	,34	,66	SEC=1
20	J=34	,66	,68	,67	SEC=1
21	J=68	,67	,35	,69	SEC=1
22	J=35	,69	,71	,70	SEC=1
23	J=71	,70	,36	,72	SEC=1
24	J=36	,72	,74	,73	SEC=1
25	J=75	,37	,76	,25	SEC=1
26	J=76	,25	,77	,41	SEC=1
27	J=77	,41	,78	,26	SEC=1
28	J=78	,26	,79	,44	SEC=1
29	J=79	,44	,80	,27	SEC=1
30	J=80	,27	,81	,47	SEC=1
31	J=81	,47	,82	,28	SEC=1
32	J=82	,28	,83	,50	SEC=1
33	J=83	,50	,84	,29	SEC=1
34	J=84	,29	,85	,53	SEC=1
35	J=85	,53	,86	,30	SEC=1
36	J=86	,30	,87	,56	SEC=1
37	J=87	,56	,88	,31	SEC=1
38	J=88	,31	,89	,59	SEC=1
39	J=89	,59	,90	,32	SEC=1
40	J=90	,32	,91	,62	SEC=1
41	J=91	,62	,92	,33	SEC=1
42	J=92	,33	,93	,65	SEC=1
43	J=93	,65	,94	,34	SEC=1
44	J=94	,34	,95	,68	SEC=1
45	J=95	,68	,96	,35	SEC=1
46	J=96	,35	,97	,71	SEC=1
47	J=97	,71	,98	,36	SEC=1
48	J=98	,36	,99	,74	SEC=1
49	J=100	,75	,101	,76	SEC=1
50	J=101	,76	,102	,77	SEC=1
51	J=102	,77	,103	,78	SEC=1
52	J=103	,78	,104	,79	SEC=1
53	J=104	,79	,105	,80	SEC=1
54	J=105	,80	,106	,81	SEC=1
55	J=106	,81	,107	,82	SEC=1
56	J=107	,82	,108	,83	SEC=1
57	J=108	,83	,109	,84	SEC=1
58	J=109	,84	,110	,85	SEC=1
59	J=110	,85	,111	,86	SEC=1
60	J=111	,86	,112	,87	SEC=1
61	J=112	,87	,113	,88	SEC=1
62	J=113	,88	,114	,89	SEC=1
63	J=114	,89	,115	,90	SEC=1
64	J=115	,90	,116	,91	SEC=1
65	J=116	,91	,117	,92	SEC=1
66	J=117	,92	,118	,93	SEC=1
67	J=118	,93	,119	,94	SEC=1
68	J=119	,94	,120	,95	SEC=1
69	J=120	,95	,121	,96	SEC=1
70	J=121	,96	,122	,97	SEC=1
71	J=122	,97	,123	,98	SEC=1
72	J=123	,98	,124	,99	SEC=1
73	J=38	,125	,39	,126	SEC=1
74	J=39	,126	,40	,127	SEC=1

75	J=40	,127	,42	,128	SEC=1
76	J=42	,128	,43	,129	SEC=1
77	J=43	,129	,45	,130	SEC=1
78	J=45	,130	,46	,131	SEC=1
79	J=46	,131	,48	,132	SEC=1
80	J=48	,132	,49	,133	SEC=1
81	J=49	,133	,51	,134	SEC=1
82	J=51	,134	,52	,135	SEC=1
83	J=52	,135	,54	,136	SEC=1
84	J=54	,136	,55	,137	SEC=1
85	J=55	,137	,57	,138	SEC=1
86	J=57	,138	,58	,139	SEC=1
87	J=58	,139	,60	,140	SEC=1
88	J=60	,140	,61	,141	SEC=1
89	J=61	,141	,63	,142	SEC=1
90	J=63	,142	,64	,143	SEC=1
91	J=64	,143	,66	,144	SEC=1
92	J=66	,144	,67	,145	SEC=1
93	J=67	,145	,69	,146	SEC=1
94	J=69	,146	,70	,147	SEC=1
95	J=70	,147	,72	,148	SEC=1
96	J=72	,148	,73	,149	SEC=1
97	J=125	,150	,126	,151	SEC=1
98	J=126	,151	,127	,152	SEC=1
99	J=127	,152	,128	,153	SEC=1
100	J=128	,153	,129	,154	SEC=1
101	J=129	,154	,130	,155	SEC=1
102	J=130	,155	,131	,156	SEC=1
103	J=131	,156	,132	,157	SEC=1
104	J=132	,157	,133	,158	SEC=1
105	J=133	,158	,134	,159	SEC=1
106	J=134	,159	,135	,160	SEC=1
107	J=135	,160	,136	,161	SEC=1
108	J=136	,161	,137	,162	SEC=1
109	J=137	,162	,138	,163	SEC=1
110	J=138	,163	,139	,164	SEC=1
111	J=139	,164	,140	,165	SEC=1
112	J=140	,165	,141	,166	SEC=1
113	J=141	,166	,142	,167	SEC=1
114	J=142	,167	,143	,168	SEC=1
115	J=143	,168	,144	,169	SEC=1
116	J=144	,169	,145	,170	SEC=1
117	J=145	,170	,146	,171	SEC=1
118	J=146	,171	,147	,172	SEC=1
119	J=147	,172	,148	,173	SEC=1
120	J=148	,173	,149	,174	SEC=1
121	J=150	,175	,151	,176	SEC=1
122	J=151	,176	,152	,177	SEC=1
123	J=152	,177	,153	,178	SEC=1
124	J=153	,178	,154	,179	SEC=1
125	J=154	,179	,155	,180	SEC=1
126	J=155	,180	,156	,181	SEC=1
127	J=156	,181	,157	,182	SEC=1
128	J=157	,182	,158	,183	SEC=1
129	J=158	,183	,159	,184	SEC=1
130	J=159	,184	,160	,185	SEC=1
131	J=160	,185	,161	,186	SEC=1
132	J=161	,186	,162	,187	SEC=1
133	J=162	,187	,163	,188	SEC=1
134	J=163	,188	,164	,189	SEC=1
135	J=164	,189	,165	,190	SEC=1
136	J=165	,190	,166	,191	SEC=1
137	J=166	,191	,167	,192	SEC=1
138	J=167	,192	,168	,193	SEC=1
139	J=168	,193	,169	,194	SEC=1
140	J=169	,194	,170	,195	SEC=1
141	J=170	,195	,171	,196	SEC=1
142	J=171	,196	,172	,197	SEC=1
143	J=172	,197	,173	,198	SEC=1
144	J=173	,198	,174	,199	SEC=1

```
LOAD; Carichi
;Cond. 1 - PProp
NAME=COND1
TYPE=GRAVITY ELEM=FRAME ; Pesi propri aste
ADD=1,25,1 UZ=-1.
ADD=28,29,1 UZ=-1.
ADD=31,32,1 UZ=-1.
ADD=34,35,1 UZ=-1.
ADD=37 UZ=-1.
ADD=39,41,1 UZ=-1.
TYPE=GRAVITY ELEM=SHELL ; Pesi propri shell
ADD=1,144,1 UZ=-1.
;Cond. 2 - CPerm
NAME=COND2
;Cond. 3 - perm da imp
NAME=COND3
TYPE=DISTRIBUTED SPAN ;Carichi nelle aste
ADD=25 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=28 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=29 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=31 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=32 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=34 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=35 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=37 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=39 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=40 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
ADD=41 UXP=0 UYP=0 UZP=-2.0075 RXP=0 RYP=0 RZP=0
;Cond. 4 - var da imp
NAME=COND4
TYPE=DISTRIBUTED SPAN ;Carichi nelle aste
ADD=25 UXP=0 UYP=0 UZP=-0.727196 RXP=0 RYP=0 RZP=0
ADD=28 UXP=0 UYP=0 UZP=-0.727196 RXP=0 RYP=0 RZP=0
ADD=29 UXP=0 UYP=0 UZP=-0.727196 RXP=0 RYP=0 RZP=0
ADD=31 UXP=0 UYP=0 UZP=-0.727196 RXP=0 RYP=0 RZP=0
ADD=32 UXP=0 UYP=0 UZP=-0.727196 RXP=0 RYP=0 RZP=0
ADD=34 UXP=0 UYP=0 UZP=-0.727196 RXP=0 RYP=0 RZP=0
ADD=35 UXP=0 UYP=0 UZP=-0.727196 RXP=0 RYP=0 RZP=0
ADD=37 UXP=0 UYP=0 UZP=-0.727196 RXP=0 RYP=0 RZP=0
ADD=39 UXP=0 UYP=0 UZP=-0.727196 RXP=0 RYP=0 RZP=0
ADD=40 UXP=0 UYP=0 UZP=-0.727196 RXP=0 RYP=0 RZP=0
ADD=41 UXP=0 UYP=0 UZP=-0.727196 RXP=0 RYP=0 RZP=0
;Cond. 5 - vent da imp
NAME=COND5
;Cond. 6 - sx da imp
NAME=COND6
TYPE=DISTRIBUTED SPAN ;Carichi nelle aste
ADD=25 U1=0 U2=0 U3=-0.441401 R1=0 R2=0 R3=0
ADD=28 U1=0 U2=0 U3=-0.441401 R1=0 R2=0 R3=0
ADD=29 U1=0 U2=0 U3=-0.441401 R1=0 R2=0 R3=0
ADD=31 U1=0 U2=0 U3=-0.441401 R1=0 R2=0 R3=0
ADD=32 U1=0 U2=0 U3=-0.441401 R1=0 R2=0 R3=0
ADD=34 U1=0 U2=0 U3=-0.441401 R1=0 R2=0 R3=0
ADD=35 U1=0 U2=0 U3=-0.441401 R1=0 R2=0 R3=0
ADD=37 U1=0 U2=0 U3=-0.441401 R1=0 R2=0 R3=0
ADD=39 U1=0 U2=0 U3=-0.441401 R1=0 R2=0 R3=0
ADD=40 U1=0 U2=0 U3=-0.441401 R1=0 R2=0 R3=0
ADD=41 U1=0 U2=0 U3=-0.441401 R1=0 R2=0 R3=0
;Cond. 7 - mezz cant
NAME=COND7
TYPE=FORCE; Carichi nei nodi
ADD=7 UX=0 UY=0 UZ=0 RX=5811 RY=0 RZ=0
ADD=9 UX=0 UY=0 UZ=0 RX=5811 RY=0 RZ=0
ADD=11 UX=0 UY=0 UZ=0 RX=5811 RY=0 RZ=0
ADD=13 UX=0 UY=0 UZ=0 RX=5811 RY=0 RZ=0
ADD=15 UX=0 UY=0 UZ=0 RX=5811 RY=0 RZ=0
ADD=17 UX=0 UY=0 UZ=0 RX=5811 RY=0 RZ=0
TYPE=DISTRIBUTED SPAN ;Carichi nelle aste
ADD=4 RD=-0,1 U2=0,0.6116
```

P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
RELAZIONE DI CALCOLO TIPOLOGICA

Codice documento

CG0000PCLDPCZC2NI83000002F0

Rev

F0

Data

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```
ADD=5      RD=-0,1  U2=0,0.6116
ADD=6      RD=-0,1  U2=0,0.6116
ADD=7      RD=-0,1  U2=0,0.6116
ADD=8      RD=-0,1  U2=0,0.6116
ADD=9      RD=-0,1  U2=0,0.6116
ADD=16     RD=-0,0.339623  U2=0.6116,0.66
ADD=16     RD=0.339623,0.349623  U2=0.66,0.66
ADD=16     RD=0.349623,0.981132  U2=0.66,0.5333
ADD=17     RD=-0,0.339623  U2=0.6116,0.66
ADD=17     RD=0.339623,0.349623  U2=0.66,0.66
ADD=17     RD=0.349623,0.981132  U2=0.66,0.5333
ADD=18     RD=-0,0.339623  U2=0.6116,0.66
ADD=18     RD=0.339623,0.349623  U2=0.66,0.66
ADD=18     RD=0.349623,0.981132  U2=0.66,0.5333
ADD=19     RD=-0,0.339623  U2=0.6116,0.66
ADD=19     RD=0.339623,0.349623  U2=0.66,0.66
ADD=19     RD=0.349623,0.981132  U2=0.66,0.5333
ADD=20     RD=-0,0.339623  U2=0.6116,0.66
ADD=20     RD=0.339623,0.349623  U2=0.66,0.66
ADD=20     RD=0.349623,0.981132  U2=0.66,0.5333
ADD=21     RD=-0,0.339623  U2=0.6116,0.66
ADD=21     RD=0.339623,0.349623  U2=0.66,0.66
ADD=21     RD=0.349623,0.981132  U2=0.66,0.5333
;Cond. 8 - sp sism terr
NAME=COND8
TYPE=FORCE; Carichi nei nodi
ADD=1  UX=0  UY=0  UZ=0  RX=80  RY=0  RZ=0
ADD=3  UX=0  UY=0  UZ=0  RX=80  RY=0  RZ=0
ADD=5  UX=0  UY=0  UZ=0  RX=80  RY=0  RZ=0
ADD=7  UX=0  UY=0  UZ=0  RX=80  RY=0  RZ=0
ADD=9  UX=0  UY=0  UZ=0  RX=80  RY=0  RZ=0
ADD=11 UX=0  UY=0  UZ=0  RX=80  RY=0  RZ=0
ADD=13 UX=0  UY=0  UZ=0  RX=80  RY=0  RZ=0
ADD=15 UX=0  UY=0  UZ=0  RX=80  RY=0  RZ=0
ADD=17 UX=0  UY=0  UZ=0  RX=80  RY=0  RZ=0
ADD=19 UX=0  UY=0  UZ=0  RX=80  RY=0  RZ=0
ADD=21 UX=0  UY=0  UZ=0  RX=80  RY=0  RZ=0
ADD=23 UX=0  UY=0  UZ=0  RX=80  RY=0  RZ=0
TYPE=DISTRIBUTED SPAN ;Carichi nelle aste
ADD=1      RD=-0,1  U2=0,0.0161
ADD=2      RD=-0,1  U2=0,0.0161
ADD=3      RD=-0,1  U2=0,0.0161
ADD=4      RD=-0,1  U2=0,0.0161
ADD=5      RD=-0,1  U2=0,0.0161
ADD=6      RD=-0,1  U2=0,0.0161
ADD=7      RD=-0,1  U2=0,0.0161
ADD=8      RD=-0,1  U2=0,0.0161
ADD=9      RD=-0,1  U2=0,0.0161
ADD=10     RD=-0,1  U2=0,0.0161
ADD=11     RD=-0,1  U2=0,0.0161
ADD=12     RD=-0,1  U2=0,0.0161
ADD=13     RD=-0,1  U2=0,0.0241
ADD=14     RD=-0,1  U2=0,0.0241
ADD=15     RD=-0,1  U2=0,0.0241
ADD=16     RD=-0,1  U2=0,0.0241
ADD=17     RD=-0,1  U2=0,0.0241
ADD=18     RD=-0,1  U2=0,0.0241
ADD=19     RD=-0,1  U2=0,0.0241
ADD=20     RD=-0,1  U2=0,0.0241
ADD=21     RD=-0,1  U2=0,0.0241
ADD=22     RD=-0,1  U2=0,0.0241
ADD=23     RD=-0,1  U2=0,0.0241
ADD=24     RD=-0,1  U2=0,0.0241
ADD=25     U1=0  U2=0  U3=-0.00779895  R1=0  R2=0  R3=0
ADD=28     U1=0  U2=0  U3=-0.00779895  R1=0  R2=0  R3=0
ADD=29     U1=0  U2=0  U3=-0.00779895  R1=0  R2=0  R3=0
ADD=31     U1=0  U2=0  U3=-0.00779895  R1=0  R2=0  R3=0
ADD=32     U1=0  U2=0  U3=-0.00779895  R1=0  R2=0  R3=0
ADD=34     U1=0  U2=0  U3=-0.00779895  R1=0  R2=0  R3=0
ADD=35     U1=0  U2=0  U3=-0.00779895  R1=0  R2=0  R3=0
```

**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
RELAZIONE DI CALCOLO TIPOLOGICA**

Codice documento

CG0000PCLDPCZC2NI83000002F0

Rev

F0

Data

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```
ADD=37    U1=0  U2=0  U3=-0.00779895  R1=0  R2=0  R3=0
ADD=39    U1=0  U2=0  U3=-0.00779895  R1=0  R2=0  R3=0
ADD=40    U1=0  U2=0  U3=-0.00779895  R1=0  R2=0  R3=0
ADD=41    U1=0  U2=0  U3=-0.00779895  R1=0  R2=0  R3=0
```

;Cond. 9 - st stat terr

NAME=COND9

TYPE=FORCE; Carichi nei nodi

```
ADD=1  UX=0  UY=0  UZ=0  RX=1334  RY=0  RZ=0
ADD=3  UX=0  UY=0  UZ=0  RX=1334  RY=0  RZ=0
ADD=5  UX=0  UY=0  UZ=0  RX=1334  RY=0  RZ=0
ADD=7  UX=0  UY=0  UZ=0  RX=1334  RY=0  RZ=0
ADD=9  UX=0  UY=0  UZ=0  RX=1334  RY=0  RZ=0
ADD=11 UX=0  UY=0  UZ=0  RX=1334  RY=0  RZ=0
ADD=13 UX=0  UY=0  UZ=0  RX=1334  RY=0  RZ=0
ADD=15 UX=0  UY=0  UZ=0  RX=1334  RY=0  RZ=0
ADD=17 UX=0  UY=0  UZ=0  RX=1334  RY=0  RZ=0
ADD=19 UX=0  UY=0  UZ=0  RX=1334  RY=0  RZ=0
ADD=21 UX=0  UY=0  UZ=0  RX=1334  RY=0  RZ=0
ADD=23 UX=0  UY=0  UZ=0  RX=1334  RY=0  RZ=0
```

TYPE=DISTRIBUTED SPAN ;Carichi nelle aste

```
ADD=1    RD=-0,1  U2=0,0.2993
ADD=2    RD=-0,1  U2=0,0.2993
ADD=3    RD=-0,1  U2=0,0.2993
ADD=4    RD=-0,1  U2=0,0.2993
ADD=5    RD=-0,1  U2=0,0.2993
ADD=6    RD=-0,1  U2=0,0.2993
ADD=7    RD=-0,1  U2=0,0.2993
ADD=8    RD=-0,1  U2=0,0.2993
ADD=9    RD=-0,1  U2=0,0.2993
ADD=10   RD=-0,1  U2=0,0.2993
ADD=11   RD=-0,1  U2=0,0.2993
ADD=12   RD=-0,1  U2=0,0.2993
ADD=13   RD=-0,1  U2=0,0.4698
ADD=14   RD=-0,1  U2=0,0.4698
ADD=15   RD=-0,1  U2=0,0.4698
ADD=16   RD=-0,1  U2=0,0.4698
ADD=17   RD=-0,1  U2=0,0.4698
ADD=18   RD=-0,1  U2=0,0.4698
ADD=19   RD=-0,1  U2=0,0.4698
ADD=20   RD=-0,1  U2=0,0.4698
ADD=21   RD=-0,1  U2=0,0.4698
ADD=22   RD=-0,1  U2=0,0.4698
ADD=23   RD=-0,1  U2=0,0.4698
ADD=24   RD=-0,1  U2=0,0.4698
ADD=25   U1=0  U2=0  U3=-0.160796  R1=0  R2=0  R3=0
ADD=28   U1=0  U2=0  U3=-0.160796  R1=0  R2=0  R3=0
ADD=29   U1=0  U2=0  U3=-0.160796  R1=0  R2=0  R3=0
ADD=31   U1=0  U2=0  U3=-0.160796  R1=0  R2=0  R3=0
ADD=32   U1=0  U2=0  U3=-0.160796  R1=0  R2=0  R3=0
ADD=34   U1=0  U2=0  U3=-0.160796  R1=0  R2=0  R3=0
ADD=35   U1=0  U2=0  U3=-0.160796  R1=0  R2=0  R3=0
ADD=37   U1=0  U2=0  U3=-0.160796  R1=0  R2=0  R3=0
ADD=39   U1=0  U2=0  U3=-0.160796  R1=0  R2=0  R3=0
ADD=40   U1=0  U2=0  U3=-0.160796  R1=0  R2=0  R3=0
ADD=41   U1=0  U2=0  U3=-0.160796  R1=0  R2=0  R3=0
```

MASSES; Masse nodali [KN/cm/s^2, (KN/cm/s^2)*cmq]

```
ADD=1  UX=0.03062211  UY=0.03062211
ADD=2  UX=0.02246478  UY=0.02246478
ADD=3  UX=0.05156592  UY=0.05156592
ADD=4  UX=0.02246478  UY=0.02246478
ADD=5  UX=0.05156592  UY=0.05156592
ADD=6  UX=0.02246478  UY=0.02246478
ADD=7  UX=0.05156592  UY=0.05156592
ADD=8  UX=0.02246478  UY=0.02246478
ADD=9  UX=0.05156592  UY=0.05156592
ADD=10 UX=0.02246478  UY=0.02246478
ADD=11 UX=0.05156592  UY=0.05156592
ADD=12 UX=0.02246478  UY=0.02246478
ADD=13 UX=0.05156592  UY=0.05156592
```

P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
RELAZIONE DI CALCOLO TIPOLOGICA

Codice documento

CG0000PCLDPCZC2NI83000002F0

Rev

F0

Data

20/06/2011

ADD=14 UX=0.02246478 UY=0.02246478
ADD=15 UX=0.05156592 UY=0.05156592
ADD=16 UX=0.02246478 UY=0.02246478
ADD=17 UX=0.05156592 UY=0.05156592
ADD=18 UX=0.02246478 UY=0.02246478
ADD=19 UX=0.05156592 UY=0.05156592
ADD=20 UX=0.02246478 UY=0.02246478
ADD=21 UX=0.05156592 UY=0.05156592
ADD=22 UX=0.02246478 UY=0.02246478
ADD=23 UX=0.03062211 UY=0.03062211
ADD=24 UX=0.02246478 UY=0.02246478

SPEC

;Spettro di progetto SLD - Direzione Y1
NAME=SPECY1 ANG=0.000000 MODC=CQC DAMP=0.05
ACC=U2 FUNC=ACORIY1 SF=1.000000

FUNCTION

NAME=ACORIY1 NPL=1
0.000000 78.6101
0.013400 89.2115
0.026800 99.8128
0.040200 110.4142
0.053600 121.0155
0.067000 131.6169
0.080400 142.2183
0.093800 152.8196
0.107200 163.4210
0.120600 174.0223
0.134000 184.6237
0.402000 184.6237
0.548490 135.3146
0.694980 106.7926
0.841470 88.2013
0.987960 75.1232
1.134450 65.4226
1.280940 57.9408
1.427430 51.9947
1.573920 47.1553
1.720410 43.1401
1.866900 39.7572
1.867000 39.7529
2.080300 32.0189
2.293600 26.3404
2.506900 22.0487
2.720200 18.7265
2.933500 16.1022
3.146800 13.9933
3.360100 12.2731
3.573400 10.8516
3.786700 9.6635
4.000000 8.6604

MODES

TYPE=EIGEN N=6 TOL=0.0001

OUTPUT

ELEM=JOINT TYPE=DISP,APPL,REAC MODE=* LOAD=* SPEC=*
ELEM=FRAME TYPE=FORCE LOAD=* SPEC=*
ELEM=SHELL TYPE=FORCE LOAD=* SPEC=*

END

+-----+
| Risultati dell'analisi dinamica lineare

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

```

+-----+
|-----+
|          AUTOVALORI, FREQUENZE E PERIODI SISMA ORIZZONTALE          |
|-----+
| Modo|  Autovalore |  Freq. circ. |  Frequenza |  Periodo |
| N.ro| (Rad/sec)2 |  Rad/sec    |  Cicli/sec |    sec   |
|-----+
|  1|      2132.89|      46.1832|    7.350280|  0.136049|
|  2|      4804.15|      69.312 |   11.031341|  0.090651|
|  3|      5747.57|      75.8128|   12.065976|  0.082878|
|  4|     11362.6|     106.595|   16.965195|  0.058944|
|  5|     34195.2|     184.92 |   29.430856|  0.033978|
|  6|     90121.1|     300.202|   47.778600|  0.020930|
|-----+

```

```

+-----+
|          MASSE PARTECIPANTI - SISMA ORIZZONTALE (rot= 0.000000 gradi)
|-----+
|X-SUM e Y-SUM - Somma delle percentuali delle righe precedenti
|-----+
|          Ruotate nel sistema X1,Y1
| Modo|  X-Dir |  Y-Dir |  X-SUM |  Y-SUM |  X1-Dir |  Y1-Dir |  X1-SUM |  Y1-SUM |
| N.ro|  %    |  %    |  %    |  %    |  %    |  %    |  %    |  %    |
|-----+
|  1|  0.000|  90.737|  0.000|  90.737|  0.000|  90.737|  0.000|  90.737|
|  2|  2.293|  0.000|  2.293|  90.737|  2.293|  0.000|  2.293|  90.737|
|  3|  92.156|  0.000|  94.450|  90.737|  92.156|  0.000|  94.450|  90.737|
|  4|  0.000|  0.130|  94.450|  90.867|  0.000|  0.130|  94.450|  90.867|
|  5|  0.000|  0.000|  94.450|  90.867|  0.000|  0.000|  94.450|  90.867|
|  6|  0.000|  0.074|  94.450|  90.941|  0.000|  0.074|  94.450|  90.941|
|-----+

```

VERIFICA POSITIVA - La massa partecipante totale supera l'85 percento nella direz. X1 e Y1.

1.4 Tabulati di output modello spalla

```

+-----+
|          Taglio nelle travi per la gerarchia delle resistenze          |
|-----+
| Unita': KN e KN*m.  gammaRd=1.00
| MR33A pos, MR33B pos: mom. res. agli estremi della trave positivi (senso antiorario - forza
| sisma da sinistra), direz. asse 3
| MR33A neg, MR33B neg: mom. res. agli estremi della trave negativi (senso orario - forza sisma
| da destra), direz. asse 3
| MR22A pos, MR22B pos: mom. res. agli estremi della trave positivi (senso antiorario - forza
| sisma da sinistra), direz. asse 2
| MR22A neg, MR22B neg: mom. res. agli estremi della trave negativi (senso orario - forza sisma
| da destra), direz. asse 2
| T22 G, T22 G+Q: tagli dovuti al peso proprio e peso proprio + carichi variabili gravitazionali,
| direz. asse locale 2
| T33 G, T33 G+Q: tagli dovuti al peso proprio e peso proprio + carichi variabili gravitazionali,
| direz. asse locale 3
| T22 1: (T22 G) + gammaRd*(MR33A pos + MR33B pos)/L          T33 1: (T33 G) +
| gammaRd*(MR22A pos + MR22B pos)/L
| T22 2: (T22 G) + gammaRd*(MR33A neg + MR33B neg)/L          T33 2: (T33 G) +
| gammaRd*(MR22A neg + MR22B neg)/L
| T22 3: (T22 G+Q) + gammaRd*(MR33A pos + MR33B pos)/L        T33 3: (T33 G+Q) +
| gammaRd*(MR22A pos + MR22B pos)/L
| T22 4: (T22 G+Q) + gammaRd*(MR33A neg + MR33B neg)/L        T33 4: (T33 G+Q) +
| gammaRd*(MR22A neg + MR22B neg)/L
|-----+
| Telaio 1, Travata 1  MR33A pos=1279.86 ; MR33B pos=1279.86 ; MR33A neg=-1279.86 ;
| MR33B neg=-1279.86
| L=125.0 cm          MR22A pos=724.57 ; MR22B pos=724.57 ; MR22A neg=-724.57 ;
| MR22B neg=-724.57

```

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T33 1	Asta	Sez	T22 G	T22 G+Q	T33 G	T33 G+Q	T22 1	T22 2	T22 3	T22 4
	T33 1	T33 2	T33 3	T33 4						
0.00	40	0	-2.07	-2.07	0.00	0.00	2027.23	2027.23	-2068.31	-2068.31
0.00	40	31	-1.04	-1.04	0.00	0.00	2037.50	2037.50	-2058.04	-2058.04
0.00	40	62	0.00	0.00	0.00	0.00	2047.77	2047.77	-2047.77	-2047.77
0.00	40	94	1.04	1.04	0.00	0.00	2058.04	2058.04	-2037.50	-2037.50
0.00	40	125	2.07	2.07	0.00	0.00	2068.31	2068.31	-2027.23	-2027.23

-----+-----
 | Telaio 1, Travata 1 MR33A pos=1279.86 ; MR33B pos=1279.86 ; MR33A neg=-1279.86 ;
 MR33B neg=-1279.86 |
 | L=125.0 cm MR22A pos=724.57 ; MR22B pos=724.57 ; MR22A neg=-724.57 ;
 MR22B neg=-724.57 |

T33 1	Asta	Sez	T22 G	T22 G+Q	T33 G	T33 G+Q	T22 1	T22 2	T22 3	T22 4
	T33 1	T33 2	T33 3	T33 4						
0.00	39	0	-2.07	-2.07	0.00	0.00	2027.23	2027.23	-2068.31	-2068.31
0.00	39	31	-1.04	-1.04	0.00	0.00	2037.50	2037.50	-2058.04	-2058.04
0.00	39	62	0.00	0.00	0.00	0.00	2047.77	2047.77	-2047.77	-2047.77
0.00	39	94	1.04	1.04	0.00	0.00	2058.04	2058.04	-2037.50	-2037.50
0.00	39	125	2.07	2.07	0.00	0.00	2068.31	2068.31	-2027.23	-2027.23

-----+-----
 | Telaio 1, Travata 1 MR33A pos=1279.86 ; MR33B pos=1279.86 ; MR33A neg=-1279.86 ;
 MR33B neg=-1279.86 |
 | L=125.0 cm MR22A pos=724.57 ; MR22B pos=724.57 ; MR22A neg=-724.57 ;
 MR22B neg=-724.57 |

T33 1	Asta	Sez	T22 G	T22 G+Q	T33 G	T33 G+Q	T22 1	T22 2	T22 3	T22 4
	T33 1	T33 2	T33 3	T33 4						
0.00	37	0	-2.07	-2.07	0.00	0.00	2027.23	2027.23	-2068.31	-2068.31
0.00	37	31	-1.04	-1.04	0.00	0.00	2037.50	2037.50	-2058.04	-2058.04
0.00	37	62	0.00	0.00	0.00	0.00	2047.77	2047.77	-2047.77	-2047.77
0.00	37	94	1.04	1.04	0.00	0.00	2058.04	2058.04	-2037.50	-2037.50
0.00	37	125	2.07	2.07	0.00	0.00	2068.31	2068.31	-2027.23	-2027.23

-----+-----
 | Telaio 1, Travata 1 MR33A pos=1279.86 ; MR33B pos=1279.86 ; MR33A neg=-1279.86 ;
 MR33B neg=-1279.86 |
 | L=125.0 cm MR22A pos=724.57 ; MR22B pos=724.57 ; MR22A neg=-724.57 ;
 MR22B neg=-724.57 |

T33 1	Asta	Sez	T22 G	T22 G+Q	T33 G	T33 G+Q	T22 1	T22 2	T22 3	T22 4
	T33 1	T33 2	T33 3	T33 4						
0.00	35	0	-2.07	-2.07	0.00	0.00	2027.23	2027.23	-2068.31	-2068.31
0.00	35	31	-1.04	-1.04	0.00	0.00	2037.50	2037.50	-2058.04	-2058.04
0.00	35	62	0.00	0.00	0.00	0.00	2047.77	2047.77	-2047.77	-2047.77
0.00	35	94	1.04	1.04	0.00	0.00	2058.04	2058.04	-2037.50	-2037.50
0.00	35	125	2.07	2.07	0.00	0.00	2068.31	2068.31	-2027.23	-2027.23

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0.00	35 94	1.04	1.04	0.00	0.00	2058.04	2058.04	-2037.50	-2037.50
0.00	35 125	2.07	2.07	0.00	0.00	2068.31	2068.31	-2027.23	-2027.23

-----+-----

MR33B	Telaio 1, Travata 1	MR33A	pos=1279.86	; MR33B	pos=1279.86	; MR33A	neg=-1279.86		
MR22B	L=125.0 cm	MR22A	pos=724.57	; MR22B	pos=724.57	; MR22A	neg=-724.57		
T33 1	Asta Sez	T22 G	T22 G+Q	T33 G	T33 G+Q	T22 1	T22 2	T22 3	T22 4
T33 1	T33 2	T33 3	T33 4						

-----+-----

0.00	34 0	-2.07	-2.07	0.00	0.00	2027.23	2027.23	-2068.31	-2068.31
0.00	34 31	-1.04	-1.04	0.00	0.00	2037.50	2037.50	-2058.04	-2058.04
0.00	34 62	0.00	0.00	0.00	0.00	2047.77	2047.77	-2047.77	-2047.77
0.00	34 94	1.04	1.04	0.00	0.00	2058.04	2058.04	-2037.50	-2037.50
0.00	34 125	2.07	2.07	0.00	0.00	2068.31	2068.31	-2027.23	-2027.23

-----+-----

MR33B	Telaio 1, Travata 1	MR33A	pos=1279.86	; MR33B	pos=1279.86	; MR33A	neg=-1279.86		
MR22B	L=125.0 cm	MR22A	pos=724.57	; MR22B	pos=724.57	; MR22A	neg=-724.57		
T33 1	Asta Sez	T22 G	T22 G+Q	T33 G	T33 G+Q	T22 1	T22 2	T22 3	T22 4
T33 1	T33 2	T33 3	T33 4						

-----+-----

0.00	32 0	-2.07	-2.07	0.00	0.00	2027.23	2027.23	-2068.31	-2068.31
0.00	32 31	-1.04	-1.04	0.00	0.00	2037.50	2037.50	-2058.04	-2058.04
0.00	32 62	0.00	0.00	0.00	0.00	2047.77	2047.77	-2047.77	-2047.77
0.00	32 94	1.04	1.04	0.00	0.00	2058.04	2058.04	-2037.50	-2037.50
0.00	32 125	2.07	2.07	0.00	0.00	2068.31	2068.31	-2027.23	-2027.23

-----+-----

MR33B	Telaio 1, Travata 1	MR33A	pos=1279.86	; MR33B	pos=1279.86	; MR33A	neg=-1279.86		
MR22B	L=125.0 cm	MR22A	pos=724.57	; MR22B	pos=724.57	; MR22A	neg=-724.57		
T33 1	Asta Sez	T22 G	T22 G+Q	T33 G	T33 G+Q	T22 1	T22 2	T22 3	T22 4
T33 1	T33 2	T33 3	T33 4						

-----+-----

0.00	31 0	-2.07	-2.07	0.00	0.00	2027.23	2027.23	-2068.31	-2068.31
0.00	31 31	-1.04	-1.04	0.00	0.00	2037.50	2037.50	-2058.04	-2058.04
0.00	31 62	0.00	0.00	0.00	0.00	2047.77	2047.77	-2047.77	-2047.77
0.00	31 94	1.04	1.04	0.00	0.00	2058.04	2058.04	-2037.50	-2037.50
0.00	31 125	2.07	2.07	0.00	0.00	2068.31	2068.31	-2027.23	-2027.23

-----+-----

MR33B	Telaio 1, Travata 1	MR33A	pos=1279.86	; MR33B	pos=1279.86	; MR33A	neg=-1279.86		
MR22B	L=125.0 cm	MR22A	pos=724.57	; MR22B	pos=724.57	; MR22A	neg=-724.57		

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T33 1	Asta	Sez	T22 G	T22 G+Q	T33 G	T33 G+Q	T22 1	T22 2	T22 3	T22 4
	T33 1	T33 2	T33 3	T33 4						
0.00	29	0	-2.07	-2.07	0.00	0.00	2027.23	2027.23	-2068.31	-2068.31
0.00	29	31	-1.04	-1.04	0.00	0.00	2037.50	2037.50	-2058.04	-2058.04
0.00	29	62	0.00	0.00	0.00	0.00	2047.77	2047.77	-2047.77	-2047.77
0.00	29	94	1.04	1.04	0.00	0.00	2058.04	2058.04	-2037.50	-2037.50
0.00	29	125	2.07	2.07	0.00	0.00	2068.31	2068.31	-2027.23	-2027.23

-----+-----
 | Telaio 1, Travata 1 MR33A pos=1279.86 ; MR33B pos=1279.86 ; MR33A neg=-1279.86 ;
 MR33B neg=-1279.86 |
 | L=125.0 cm MR22A pos=724.57 ; MR22B pos=724.57 ; MR22A neg=-724.57 ;
 MR22B neg=-724.57 |

T33 1	Asta	Sez	T22 G	T22 G+Q	T33 G	T33 G+Q	T22 1	T22 2	T22 3	T22 4
	T33 1	T33 2	T33 3	T33 4						
0.00	28	0	-2.07	-2.07	0.00	0.00	2027.23	2027.23	-2068.31	-2068.31
0.00	28	31	-1.04	-1.04	0.00	0.00	2037.50	2037.50	-2058.04	-2058.04
0.00	28	62	0.00	0.00	0.00	0.00	2047.77	2047.77	-2047.77	-2047.77
0.00	28	94	1.04	1.04	0.00	0.00	2058.04	2058.04	-2037.50	-2037.50
0.00	28	125	2.07	2.07	0.00	0.00	2068.31	2068.31	-2027.23	-2027.23

-----+-----
 | Telaio 1, Travata 1 MR33A pos=1279.86 ; MR33B pos=1279.86 ; MR33A neg=-1279.86 ;
 MR33B neg=-1279.86 |
 | L=125.0 cm MR22A pos=724.57 ; MR22B pos=724.57 ; MR22A neg=-724.57 ;
 MR22B neg=-724.57 |

T33 1	Asta	Sez	T22 G	T22 G+Q	T33 G	T33 G+Q	T22 1	T22 2	T22 3	T22 4
	T33 1	T33 2	T33 3	T33 4						
0.00	41	0	-2.07	-2.07	0.00	0.00	2027.23	2027.23	-2068.31	-2068.31
0.00	41	31	-1.04	-1.04	0.00	0.00	2037.50	2037.50	-2058.04	-2058.04
0.00	41	62	0.00	0.00	0.00	0.00	2047.77	2047.77	-2047.77	-2047.77
0.00	41	94	1.04	1.04	0.00	0.00	2058.04	2058.04	-2037.50	-2037.50
0.00	41	125	2.07	2.07	0.00	0.00	2068.31	2068.31	-2027.23	-2027.23

-----+-----
 | Telaio 1, Travata 1 MR33A pos=1279.86 ; MR33B pos=1279.86 ; MR33A neg=-1279.86 ;
 MR33B neg=-1279.86 |
 | L=125.0 cm MR22A pos=724.57 ; MR22B pos=724.57 ; MR22A neg=-724.57 ;
 MR22B neg=-724.57 |

T33 1	Asta	Sez	T22 G	T22 G+Q	T33 G	T33 G+Q	T22 1	T22 2	T22 3	T22 4
	T33 1	T33 2	T33 3	T33 4						
0.00	25	0	-2.07	-2.07	0.00	0.00	2027.23	2027.23	-2068.31	-2068.31
0.00	25	31	-1.04	-1.04	0.00	0.00	2037.50	2037.50	-2058.04	-2058.04
0.00	25	62	0.00	0.00	0.00	0.00	2047.77	2047.77	-2047.77	-2047.77

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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0.00	25 94	1.04	1.04	0.00	0.00	2058.04	2058.04	-2037.50	-2037.50
0.00	25 125	2.07	2.07	0.00	0.00	2068.31	2068.31	-2027.23	-2027.23
0.00	0.00	0.00	0.00						

```

+-----+
Azioni nelle aste per le condizioni indipendenti di carico e sismiche -----+
Dati ottenuti dall'analisi. Unita': KN e KN*m
Sezione: distanza della sezione dal nodo iniziale (in cm);
Cond: condizione indipendente di carico;
N: azione normale (negativa se di compressione);
T22: taglio in direzione dell'asse 2 ( Ty nella sezione vista dal nodo
finale);
T33: taglio in direzione dell'asse 3 (-Tx '' '' '' '' ''
);
M33: momento flettente di rotazione attorno all'asse 3 (-Mx '' '' '' '' ''
);
M22: momento flettente di rotazione attorno all'asse 2 (-My '' '' '' '' ''
).
Dyn X: condizione per il sisma dinamico nella direzione X1
Dyn Y: condizione per il sisma dinamico nella direzione Y1

```

	Asta Tor	Sezione	cond	N	T22	M33	T33	M22
0.98	1	0.0	1	-41.71	0.02	0.05	-1.50	
5.97		-0.01	3	-138.66	0.12	0.33	-9.12	
2.16		-0.03	4	-50.23	0.04	0.12	-3.30	
0.08		-0.01	6	-1.54	40.80	100.63	-0.57	-
0.03		-1.66	7	-2.13	3.03	57.07	-0.84	-
0.01		-5.83	8	-0.11	2.45	5.06	-0.04	-
0.13		-0.03	9	-2.06	47.00	96.05	-0.76	-
0.06		-0.60						
2.59		0.79	Dyn Y	0.97	24.13	58.21	0.36	
15.77		107.5	1	-32.22	0.02	0.03	-1.50	
5.71		-0.01	3	-138.66	0.12	0.20	-9.12	
0.53		-0.03	4	-50.23	0.04	0.07	-3.30	
0.87		-0.01	6	-1.54	40.80	56.77	-0.57	
0.04		-1.66	7	-2.13	3.03	53.82	-0.84	
0.69		-5.83	8	-0.11	2.02	2.58	-0.04	
0.33		-0.03	9	-2.06	38.96	48.41	-0.76	
4.21		-0.60						
25.57		0.79	Dyn Y	0.97	24.13	32.29	0.36	
9.26		215.0	1	-22.73	0.02	0.01	-1.50	
1.15		-0.01	3	-138.66	0.12	0.07	-9.12	
		-0.03	4	-50.23	0.04	0.03	-3.30	
		-0.01	6	-1.54	40.80	12.91	-0.57	
		-1.66						

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1.78	-5.83	7	-2.13	3.03	50.56	-0.84
0.08	-0.03	8	-0.11	0.72	1.03	-0.04
1.51	-0.60	9	-2.06	14.83	18.06	-0.76
0.72	0.79	Dyn Y	0.97	24.13	6.43	0.36
-----+-----						
0.37	0.0	1	-58.45	0.01	0.03	-0.96
2.23	-0.01	3	-241.22	0.08	0.18	-5.78
0.81	-0.03	4	-87.38	0.03	0.07	-2.09
0.07	-0.01	6	0.60	47.14	104.33	-0.53
0.14	-1.49	7	-0.14	23.93	70.32	-1.05
0.00	-5.88	8	0.05	2.56	5.12	-0.03
0.09	-0.03	9	0.95	49.36	97.47	-0.67
0.04	-0.54	Dyn Y	0.39	27.10	59.95	0.33
1.39	0.75	1	-48.96	0.01	0.02	-0.96
8.44	107.5	3	-241.22	0.08	0.10	-5.78
3.06	-0.01	4	-87.38	0.03	0.04	-2.09
0.64	-0.03	6	0.60	47.14	53.65	-0.53
1.26	-1.49	7	-0.14	23.93	44.59	-1.05
0.04	-5.88	8	0.05	2.13	2.52	-0.03
0.81	-0.03	9	0.95	41.32	47.28	-0.67
0.40	-0.54	Dyn Y	0.39	27.10	30.82	0.33
2.42	0.75	1	-39.47	0.01	0.00	-0.96
14.66	215.0	3	-241.22	0.08	0.01	-5.78
5.31	-0.01	4	-87.38	0.03	0.00	-2.09
1.22	-0.03	6	0.60	47.14	2.97	-0.53
2.39	-1.49	7	-0.14	23.93	18.87	-1.05
0.08	-5.88	8	0.05	0.83	0.85	-0.03
1.53	-0.03	9	0.95	17.19	14.40	-0.67
0.76	-0.54	Dyn Y	0.39	27.10	1.73	0.33
-----+-----						
0.09	0.0	1	-60.33	0.00	0.00	-0.61
0.56	-0.01	3	-252.61	0.01	0.02	-3.69
0.20	-0.03	4	-91.51	0.00	0.01	-1.34
0.06	-0.01	6	0.37	51.17	108.14	-0.40
0.14	-1.18	7	0.04	40.70	86.27	-1.13
	-5.76					

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0.00	-0.02	8	0.03	2.64	5.19	-0.02
0.08	-0.43	9	0.54	50.83	98.87	-0.45
0.04	0.62	Dyn Y	0.24	29.10	61.82	0.24
0.75	107.5	1	-50.83	0.00	0.00	-0.61
4.53	-0.03	3	-252.61	0.01	0.01	-3.69
1.64	-0.01	4	-91.51	0.00	0.00	-1.34
0.49	-1.18	6	0.37	51.17	53.14	-0.40
1.35	-5.76	7	0.04	40.70	42.52	-1.13
0.03	-0.02	8	0.03	2.20	2.51	-0.02
0.56	-0.43	9	0.54	42.78	47.11	-0.45
0.30	0.62	Dyn Y	0.24	29.10	30.54	0.24
1.40	215.0	1	-41.34	0.00	0.00	-0.61
8.49	-0.03	3	-252.61	0.01	0.00	-3.69
3.08	-0.01	4	-91.51	0.00	0.00	-1.34
0.92	-1.18	6	0.37	51.17	-1.87	-0.40
2.57	-5.76	7	0.04	40.70	-1.22	-1.13
0.05	-0.02	8	0.03	0.90	0.77	-0.02
1.05	-0.43	9	0.54	18.65	12.65	-0.45
0.56	0.62	Dyn Y	0.24	29.10	0.74	0.24
-----+-----						
0.05	4 0.0	1	-59.87	-0.01	-0.02	-0.43
0.33	-0.00	3	-249.80	-0.05	-0.11	-2.62
0.12	-0.02	4	-90.49	-0.02	-0.04	-0.95
0.04	-0.01	6	0.22	53.64	111.30	-0.27
0.12	-0.83	7	0.47	34.40	71.07	-1.00
0.00	-4.90	8	0.01	2.68	5.25	-0.01
0.04	-0.01	9	0.26	51.72	100.02	-0.27
0.02	-0.30	Dyn Y	0.13	30.42	63.43	0.16
0.52	0.46	1	-50.38	-0.01	-0.01	-0.43
3.14	107.5	3	-249.80	-0.05	-0.06	-2.62
1.14	-0.00	4	-90.49	-0.02	-0.02	-0.95
0.32	-0.01	6	0.22	53.64	53.64	-0.27
1.20	-0.83	7	0.47	17.97	39.97	-1.00
0.02	-4.90	8	0.01	2.25	2.52	-0.01
0.33	-0.01	9	0.26	43.68	47.30	-0.27
	-0.30					

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0.19	0.46	Dyn Y	0.13	30.42	30.73	0.16
0.98	215.0	1	-40.89	-0.01	-0.00	-0.43
5.95	-0.00	3	-249.80	-0.05	-0.01	-2.62
2.16	-0.02	4	-90.49	-0.02	-0.00	-0.95
0.61	-0.01	6	0.22	53.64	-4.03	-0.27
2.28	-0.83	7	0.47	-31.34	44.22	-1.00
0.03	-4.90	8	0.01	0.95	0.73	-0.01
0.62	-0.01	9	0.26	19.55	11.87	-0.27
0.37	-0.30	Dyn Y	0.13	30.42	1.99	0.16
	0.46					

	Asta Tor	Sezione	cond	N	T22	M33	T33	M22
0.04	5	0.0	1	-59.73	-0.01	-0.03	-0.26	
0.22		-0.00	3	-248.92	-0.07	-0.19	-1.59	
0.08		-0.02	4	-90.17	-0.03	-0.07	-0.58	
0.02		-0.01	6	0.18	55.04	113.47	-0.15	
0.08		-0.49	7	0.82	44.92	82.94	-0.68	
0.00		-3.20	8	0.01	2.70	5.29	-0.01	
0.02		-0.01	9	0.17	52.23	100.81	-0.14	
0.01		-0.18	Dyn Y	0.11	31.22	64.57	0.09	
0.32		0.28	1	-50.24	-0.01	-0.02	-0.26	
1.93		107.5	3	-248.92	-0.07	-0.11	-1.59	
0.70		-0.00	4	-90.17	-0.03	-0.04	-0.58	
0.18		-0.02	6	0.18	55.04	54.31	-0.15	
0.81		-0.01	7	0.82	28.49	40.53	-0.68	
0.01		-0.49	8	0.01	2.27	2.54	-0.01	
0.17		-3.20	9	0.17	44.19	47.55	-0.14	
0.11		-0.01	Dyn Y	0.11	31.22	31.01	0.09	
0.60		0.28	1	-40.75	-0.01	-0.01	-0.26	
3.65		215.0	3	-248.92	-0.07	-0.03	-1.59	
1.32		-0.00	4	-90.17	-0.03	-0.01	-0.58	
0.35		-0.02	6	0.18	55.04	-4.86	-0.15	
1.54		-0.01	7	0.82	-20.82	33.47	-0.68	
0.02		-0.49	8	0.01	0.97	0.71	-0.01	
0.32		-3.20	9	0.17	20.05	11.58	-0.14	

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0.21	0.28	Dyn Y	0.11	31.22	2.60	0.09		
-----+-----								
0.01	6	0.0	1	-59.73	-0.01	-0.04	-0.09	
0.08		-0.00	3	-248.95	-0.09	-0.23	-0.53	
0.03		-0.01	4	-90.18	-0.03	-0.08	-0.19	
0.01		-0.00	6	0.17	55.67	114.57	-0.05	
0.03		-0.16	7	0.94	50.26	89.38	-0.24	
0.00		-1.11	8	0.01	2.71	5.31	-0.00	
0.01		-0.00	9	0.14	52.46	101.21	-0.04	
0.00		-0.06		Dyn Y	0.10	31.61	65.16	0.03
0.11		0.10	1	-50.24	-0.01	-0.02	-0.09	
0.65		107.5	3	-248.95	-0.09	-0.14	-0.53	
0.24		-0.00	4	-90.18	-0.03	-0.05	-0.19	
0.06		-0.01	6	0.17	55.67	54.73	-0.05	
0.29		-0.00	7	0.94	33.82	41.23	-0.24	
0.00		-1.11	8	0.01	2.28	2.54	-0.00	
0.05		-0.00	9	0.14	44.41	47.70	-0.04	
0.04		-0.06		Dyn Y	0.10	31.61	31.19	0.03
0.20		0.10	1	-40.75	-0.01	-0.01	-0.09	
1.22		215.0	3	-248.95	-0.09	-0.04	-0.53	
0.44		-0.00	4	-90.18	-0.03	-0.02	-0.19	
0.11		-0.01	6	0.17	55.67	-5.12	-0.05	
0.54		-0.00	7	0.94	-15.49	28.43	-0.24	
0.01		-1.11	8	0.01	0.98	0.71	-0.00	
0.10		-0.00	9	0.14	20.28	11.49	-0.04	
0.07		-0.06		Dyn Y	0.10	31.61	2.84	0.03
-----+-----								
0.01	7	0.0	1	-59.73	-0.01	-0.04	0.09	-
0.08		0.00	3	-248.95	-0.09	-0.23	0.53	-
0.03		0.01	4	-90.18	-0.03	-0.08	0.19	-
0.01		0.00	6	0.17	55.67	114.57	0.05	-
0.03		0.16	7	0.94	50.26	89.38	0.24	-
0.00		1.11	8	0.01	2.71	5.31	0.00	-
0.01		0.00	9	0.14	52.46	101.21	0.04	-
0.00		0.06		Dyn Y	0.10	31.61	65.16	0.03
0.00		0.10						

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0.11	107.5	1	-50.24	-0.01	-0.02	0.09	-	
	0.00							
0.65	0.01	3	-248.95	-0.09	-0.14	0.53	-	
0.24	0.00	4	-90.18	-0.03	-0.05	0.19	-	
0.06	0.16	6	0.17	55.67	54.73	0.05	-	
0.29	1.11	7	0.94	33.82	41.23	0.24	-	
0.00	0.00	8	0.01	2.28	2.54	0.00	-	
0.05	0.06	9	0.14	44.41	47.70	0.04	-	
0.04	0.10	Dyn Y	0.10	31.61	31.19	0.03	-	
0.20	215.0	1	-40.75	-0.01	-0.01	0.09	-	
	0.00							
1.22	0.01	3	-248.95	-0.09	-0.04	0.53	-	
0.44	0.00	4	-90.18	-0.03	-0.02	0.19	-	
0.11	0.16	6	0.17	55.67	-5.12	0.05	-	
0.54	1.11	7	0.94	-15.49	28.43	0.24	-	
0.01	0.00	8	0.01	0.98	0.71	0.00	-	
0.10	0.06	9	0.14	20.28	11.49	0.04	-	
0.07	0.10	Dyn Y	0.10	31.61	2.84	0.03	-	
-----+-----								
0.04	8	0.0	1	-59.73	-0.01	-0.03	0.26	-
	0.00							
0.22	0.02	3	-248.92	-0.07	-0.19	1.59	-	
0.08	0.01	4	-90.17	-0.03	-0.07	0.58	-	
0.02	0.49	6	0.18	55.04	113.47	0.15	-	
0.08	3.20	7	0.82	44.92	82.94	0.68	-	
0.00	0.01	8	0.01	2.70	5.29	0.01	-	
0.02	0.18	9	0.17	52.23	100.81	0.14	-	
0.01	0.28	Dyn Y	0.11	31.23	64.58	0.09	-	
0.32	107.5	1	-50.24	-0.01	-0.02	0.26	-	
	0.00							
1.93	0.02	3	-248.92	-0.07	-0.11	1.59	-	
0.70	0.01	4	-90.17	-0.03	-0.04	0.58	-	
0.18	0.49	6	0.18	55.04	54.31	0.15	-	
0.81	3.20	7	0.82	28.49	40.53	0.68	-	
0.01	0.01	8	0.01	2.27	2.54	0.01	-	
0.17	0.18	9	0.17	44.19	47.55	0.14	-	
0.11	0.28	Dyn Y	0.11	31.23	31.01	0.09	-	
0.60	215.0	1	-40.75	-0.01	-0.01	0.26	-	
	0.00							
3.65	0.02	3	-248.92	-0.07	-0.03	1.59	-	

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1.32	0.01	4	-90.17	-0.03	-0.01	0.58	-
0.35	0.49	6	0.18	55.04	-4.86	0.15	-
1.54	3.20	7	0.82	-20.82	33.47	0.68	-
0.02	0.01	8	0.01	0.97	0.71	0.01	-
0.32	0.18	9	0.17	20.05	11.58	0.14	-
0.21	0.28	Dyn Y	0.11	31.23	2.60	0.09	-

	Asta Tor	Sezione	cond	N	T22	M33	T33	M22
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0.05	9	0.0	1	-59.87	-0.01	-0.02	0.43	-
0.33		0.00	3	-249.80	-0.05	-0.11	2.62	-
0.12		0.02	4	-90.49	-0.02	-0.04	0.95	-
0.04		0.01	6	0.22	53.64	111.30	0.27	-
0.12		0.83	7	0.47	34.40	71.07	1.00	-
0.00		4.90	8	0.01	2.68	5.25	0.01	-
0.04		0.01	9	0.26	51.72	100.02	0.27	-
0.02		0.30	Dyn Y	0.13	30.42	63.43	0.16	-
0.52		0.46	1	-50.38	-0.01	-0.01	0.43	-
3.14		107.5	3	-249.80	-0.05	-0.06	2.62	-
1.14		0.00	4	-90.49	-0.02	-0.02	0.95	-
0.32		0.01	6	0.22	53.64	53.64	0.27	-
1.20		0.83	7	0.47	17.97	39.97	1.00	-
0.02		4.90	8	0.01	2.25	2.52	0.01	-
0.33		0.01	9	0.26	43.68	47.30	0.27	-
0.19		0.30	Dyn Y	0.13	30.42	30.73	0.16	-
0.98		0.46	1	-40.89	-0.01	-0.00	0.43	-
5.95		215.0	3	-249.80	-0.05	-0.01	2.62	-
2.16		0.00	4	-90.49	-0.02	-0.00	0.95	-
0.61		0.01	6	0.22	53.64	-4.03	0.27	-
2.28		0.83	7	0.47	-31.34	44.22	1.00	-
0.03		4.90	8	0.01	0.95	0.73	0.01	-
0.62		0.01	9	0.26	19.55	11.87	0.27	-
0.37		0.30	Dyn Y	0.13	30.42	1.99	0.16	-
		0.46						

0.09	10	0.0	1	-60.33	0.00	0.00	0.61	-
		0.01						

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0.56	0.03	3	-252.61	0.01	0.02	3.69	-	
0.20	0.01	4	-91.51	0.00	0.01	1.34	-	
0.06	1.18	6	0.37	51.17	108.14	0.40	-	
0.14	5.76	7	0.04	40.70	86.27	1.13	-	
0.00	0.02	8	0.03	2.64	5.19	0.02	-	
0.08	0.43	9	0.54	50.83	98.87	0.45	-	
0.04	0.62	Dyn Y	0.23	29.10	61.81	0.24	-	
0.75	107.5	1	-50.83	0.00	0.00	0.61	-	
4.53	0.03	3	-252.61	0.01	0.01	3.69	-	
1.64	0.01	4	-91.51	0.00	0.00	1.34	-	
0.49	1.18	6	0.37	51.17	53.14	0.40	-	
1.35	5.76	7	0.04	40.70	42.52	1.13	-	
0.03	0.02	8	0.03	2.20	2.51	0.02	-	
0.56	0.43	9	0.54	42.78	47.11	0.45	-	
0.30	0.62	Dyn Y	0.23	29.10	30.54	0.24	-	
1.40	215.0	1	-41.34	0.00	0.00	0.61	-	
8.49	0.03	3	-252.61	0.01	0.00	3.69	-	
3.08	0.01	4	-91.51	0.00	0.00	1.34	-	
0.92	1.18	6	0.37	51.17	-1.87	0.40	-	
2.57	5.76	7	0.04	40.70	-1.22	1.13	-	
0.05	0.02	8	0.03	0.90	0.77	0.02	-	
1.05	0.43	9	0.54	18.65	12.65	0.45	-	
0.56	0.62	Dyn Y	0.23	29.10	0.74	0.24	-	

0.37	11	0.01	1	-58.45	0.01	0.03	0.96	-
2.23	0.03	3	-241.22	0.08	0.18	5.78	-	
0.81	0.01	4	-87.38	0.03	0.07	2.09	-	
0.07	1.49	6	0.60	47.14	104.33	0.53	-	
0.14	5.88	7	-0.14	23.93	70.32	1.05	-	
0.00	0.03	8	0.05	2.56	5.12	0.03	-	
0.09	0.54	9	0.95	49.36	97.47	0.67	-	
0.04	0.75	Dyn Y	0.39	27.10	59.94	0.33	-	
1.39	107.5	1	-48.96	0.01	0.02	0.96	-	
8.44	0.03	3	-241.22	0.08	0.10	5.78	-	
3.06	0.01	4	-87.38	0.03	0.04	2.09	-	

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0.64	1.49	6	0.60	47.14	53.65	0.53	-	
1.26	5.88	7	-0.14	23.93	44.59	1.05	-	
0.04	0.03	8	0.05	2.13	2.52	0.03	-	
0.81	0.54	9	0.95	41.32	47.28	0.67	-	
0.40	0.75	Dyn Y	0.39	27.10	30.81	0.33	-	
2.42	215.0	1	-39.47	0.01	0.00	0.96	-	
14.66	0.01	3	-241.22	0.08	0.01	5.78	-	
5.31	0.03	4	-87.38	0.03	0.00	2.09	-	
1.22	0.01	6	0.60	47.14	2.97	0.53	-	
2.39	1.49	7	-0.14	23.93	18.87	1.05	-	
0.08	5.88	8	0.05	0.83	0.85	0.03	-	
1.53	0.03	9	0.95	17.19	14.40	0.67	-	
0.75	0.54	Dyn Y	0.39	27.10	1.73	0.33	-	
0.98	0.75							
5.97	12	0.0	1	-41.71	0.02	0.05	1.50	-
2.16	0.01	3	-138.66	0.12	0.33	9.12	-	
0.08	0.03	4	-50.23	0.04	0.12	3.30	-	
0.03	0.01	6	-1.54	40.80	100.63	0.57	-	
0.01	1.66	7	-2.13	3.03	57.07	0.84	-	
0.13	5.83	8	-0.11	2.45	5.06	0.04	-	
0.06	0.03	9	-2.06	47.00	96.05	0.76	-	
2.59	0.60	Dyn Y	0.97	24.13	58.21	0.36	-	
15.77	0.79	1	-32.22	0.02	0.03	1.50	-	
5.71	107.5	3	-138.66	0.12	0.20	9.12	-	
0.53	0.01	4	-50.23	0.04	0.07	3.30	-	
0.87	0.01	6	-1.54	40.80	56.77	0.57	-	
0.04	1.66	7	-2.13	3.03	53.82	0.84	-	
0.69	5.83	8	-0.11	2.02	2.58	0.04	-	
0.33	0.03	9	-2.06	38.96	48.41	0.76	-	
4.21	0.60	Dyn Y	0.97	24.13	32.28	0.36	-	
25.57	0.79	1	-22.73	0.02	0.01	1.50	-	
9.26	215.0	3	-138.66	0.12	0.07	9.12	-	
1.15	0.01	4	-50.23	0.04	0.03	3.30	-	
1.78	0.01	6	-1.54	40.80	12.91	0.57	-	
	1.66	7	-2.13	3.03	50.56	0.84	-	
	5.83							

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0.08		0.03	8	-0.11	0.72	1.03	0.04	-
1.51		0.60	9	-2.06	14.83	18.06	0.76	-
0.72		0.79	Dyn Y	0.97	24.13	6.43	0.36	-
-----+-----								
	Asta	Sezione	cond	N	T22	M33	T33	M22
	Tor							
-----+-----								
3.01	13	0.0	1	-68.47	0.02	0.11	-1.50	-
18.19		-0.01	3	-138.66	0.12	0.64	-9.12	-
6.59		-0.03	4	-50.23	0.04	0.23	-3.30	-
1.60		-0.01	6	-1.54	40.80	208.76	-0.57	-
2.26		-1.66	7	-2.13	3.03	65.10	-0.84	-
0.11		-5.83	8	-0.11	5.64	17.19	-0.04	-
2.15		-0.03	9	-2.06	109.25	330.57	-0.76	-
1.00		-0.60	Dyn Y	0.97	29.80	137.18	0.36	-
1.02		0.79	1	-54.25	0.02	0.08	-1.50	-
6.11		132.5	3	-138.66	0.12	0.48	-9.12	-
2.21		-0.01	4	-50.23	0.04	0.18	-3.30	-
0.84		-0.03	6	-1.54	40.80	154.70	-0.57	-
1.14		-1.66	7	-2.13	3.03	61.09	-0.84	-
0.06		-5.83	8	-0.11	4.84	10.06	-0.04	-
1.14		-0.03	9	-2.06	93.69	192.69	-0.76	-
0.53		-0.60	Dyn Y	0.97	29.80	97.69	0.36	-
0.98		0.79	1	-41.71	0.02	0.05	-1.50	-
5.97		265.0	3	-138.66	0.12	0.33	-9.12	-
2.16		-0.01	4	-50.23	0.04	0.12	-3.30	-
0.08		-0.03	6	-1.54	40.80	100.63	-0.57	-
0.03		-1.66	7	-2.13	3.03	57.07	-0.84	-
0.01		-5.83	8	-0.11	2.45	5.06	-0.04	-
0.13		-0.03	9	-2.06	47.00	96.05	-0.76	-
0.06		-0.60	Dyn Y	0.97	29.80	58.21	0.36	-
-----+-----								
2.16	14	0.0	1	-85.21	0.01	0.06	-0.96	-
13.08		-0.01	3	-241.22	0.08	0.39	-5.78	-
4.74		-0.03	4	-87.38	0.03	0.14	-2.09	-
1.34		-0.01	6	0.60	47.14	229.25	-0.53	-
		-1.49						

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2.64	-5.88	7	-0.14	23.93	133.73	-1.05	-	
0.09	-0.03	8	0.05	5.76	17.56	-0.03	-	
1.68	-0.54	9	0.95	111.61	338.25	-0.67	-	
0.83	0.75	Dyn Y	0.39	32.91	147.15	0.33	-	
0.90	132.5	1	-70.99	0.01	0.05	-0.96	-	
5.42	-0.03	3	-241.22	0.08	0.29	-5.78	-	
1.96	-0.01	4	-87.38	0.03	0.10	-2.09	-	
0.64	-1.49	6	0.60	47.14	166.79	-0.53	-	
1.25	-5.88	7	-0.14	23.93	102.02	-1.05	-	
0.04	-0.03	8	0.05	4.96	10.29	-0.03	-	
0.79	-0.54	9	0.95	96.05	197.24	-0.67	-	
0.39	0.75	Dyn Y	0.39	32.91	103.55	0.33	-	
0.37	265.0	1	-58.45	0.01	0.03	-0.96	-	
2.23	-0.03	3	-241.22	0.08	0.18	-5.78	-	
0.81	-0.01	4	-87.38	0.03	0.07	-2.09	-	
0.07	-1.49	6	0.60	47.14	104.33	-0.53	-	
0.14	-5.88	7	-0.14	23.93	70.32	-1.05	-	
0.00	-0.03	8	0.05	2.56	5.12	-0.03	-	
0.09	-0.54	9	0.95	49.36	97.47	-0.67	-	
0.04	0.75	Dyn Y	0.39	32.91	59.95	0.33	-	
-----+								
1.52	15	0.0	1	-87.09	0.00	0.01	-0.61	-
9.22	-0.03	3	-252.61	0.01	0.04	-3.69	-	
3.34	-0.01	4	-91.51	0.00	0.02	-1.34	-	
1.00	-1.18	6	0.37	51.17	243.74	-0.40	-	
2.85	-5.76	7	0.04	40.70	194.12	-1.13	-	
0.06	-0.02	8	0.03	5.83	17.82	-0.02	-	
1.13	-0.43	9	0.54	113.07	343.53	-0.45	-	
0.61	0.62	Dyn Y	0.24	35.02	154.62	0.24	-	
0.72	132.5	1	-72.87	0.00	0.00	-0.61	-	
4.33	-0.03	3	-252.61	0.01	0.03	-3.69	-	
1.57	-0.01	4	-91.51	0.00	0.01	-1.34	-	
0.47	-1.18	6	0.37	51.17	175.94	-0.40	-	
1.35	-5.76	7	0.04	40.70	140.20	-1.13	-	
0.03	-0.02	8	0.03	5.03	10.45	-0.02	-	

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0.53	-0.43	9	0.54	97.51	200.58	-0.45	-
		Dyn Y	0.24	35.02	108.22	0.24	
0.28	0.62						
	265.0	1	-60.33	0.00	0.00	-0.61	
0.09	-0.01						
		3	-252.61	0.01	0.02	-3.69	
0.56	-0.03						
		4	-91.51	0.00	0.01	-1.34	
0.20	-0.01						
		6	0.37	51.17	108.14	-0.40	
0.06	-1.18						
		7	0.04	40.70	86.27	-1.13	
0.14	-5.76						
		8	0.03	2.64	5.19	-0.02	
0.00	-0.02						
		9	0.54	50.83	98.87	-0.45	
0.08	-0.43						
		Dyn Y	0.24	35.02	61.82	0.24	
0.04	0.62						
-----+-----							
	16	0.0	1	-86.63	-0.01	-0.04	-0.43
1.09	-0.00						
		3	-249.80	-0.05	-0.23	-2.62	
6.61	-0.02						
		4	-90.49	-0.02	-0.08	-0.95	
2.39	-0.01						
		6	0.22	53.64	253.45	-0.27	
0.67	-0.83						
		7	0.47	193.22	363.01	-1.00	
2.54	-4.90						
		8	0.01	5.87	17.99	-0.01	
0.04	-0.01						
		9	0.26	113.97	347.05	-0.27	
0.68	-0.30						
		Dyn Y	0.13	36.43	159.97	0.16	
0.40	0.46						
	132.5	1	-72.41	-0.01	-0.03	-0.43	
0.52	-0.00						
		3	-249.80	-0.05	-0.17	-2.62	
3.14	-0.02						
		4	-90.49	-0.02	-0.06	-0.95	
1.14	-0.01						
		6	0.22	53.64	182.38	-0.27	
0.32	-0.83						
		7	0.47	108.55	162.61	-1.00	
1.21	-4.90						
		8	0.01	5.07	10.56	-0.01	
0.02	-0.01						
		9	0.26	98.41	202.92	-0.27	
0.32	-0.30						
		Dyn Y	0.13	36.43	111.70	0.16	
0.19	0.46						
	265.0	1	-59.87	-0.01	-0.02	-0.43	
0.05	-0.00						
		3	-249.80	-0.05	-0.11	-2.62	
0.33	-0.02						
		4	-90.49	-0.02	-0.04	-0.95	
0.12	-0.01						
		6	0.22	53.64	111.30	-0.27	
0.04	-0.83						
		7	0.47	34.40	71.07	-1.00	
0.12	-4.90						
		8	0.01	2.68	5.25	-0.01	
0.00	-0.01						
		9	0.26	51.72	100.02	-0.27	
0.04	-0.30						
		Dyn Y	0.13	36.43	63.43	0.16	
0.02	0.46						

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-----+-----								
0.66	17	0.0	1	-86.49	-0.01	-0.06	-0.26	-
		-0.00						
4.00		-0.02	3	-248.92	-0.07	-0.39	-1.59	-
1.45		-0.01	4	-90.17	-0.03	-0.14	-0.58	-
0.39		-0.49	6	0.18	55.04	259.33	-0.15	-
1.72		-3.20	7	0.82	203.74	402.76	-0.68	-
0.02		-0.01	8	0.01	5.90	18.09	-0.01	-
0.36		-0.18	9	0.17	114.48	349.19	-0.14	-
0.23		0.28	Dyn Y	0.11	37.30	163.41	0.09	
0.31		132.5	1	-72.27	-0.01	-0.05	-0.26	-
		-0.00						
1.89		-0.02	3	-248.92	-0.07	-0.29	-1.59	-
0.68		-0.01	4	-90.17	-0.03	-0.10	-0.58	-
0.18		-0.49	6	0.18	55.04	186.40	-0.15	-
0.82		-3.20	7	0.82	119.07	188.42	-0.68	-
0.01		-0.01	8	0.01	5.10	10.63	-0.01	-
0.17		-0.18	9	0.17	98.92	204.38	-0.14	-
0.11		0.28	Dyn Y	0.11	37.30	113.99	0.09	
0.04		265.0	1	-59.73	-0.01	-0.03	-0.26	-
		-0.00						
0.22		-0.02	3	-248.92	-0.07	-0.19	-1.59	-
0.08		-0.01	4	-90.17	-0.03	-0.07	-0.58	-
0.02		-0.49	6	0.18	55.04	113.47	-0.15	-
0.08		-3.20	7	0.82	44.92	82.94	-0.68	-
0.00		-0.01	8	0.01	2.70	5.29	-0.01	-
0.02		-0.18	9	0.17	52.23	100.81	-0.14	-
0.01		0.28	Dyn Y	0.11	37.30	64.57	0.09	
-----+-----								
0.22	18	0.0	1	-86.49	-0.01	-0.07	-0.09	-
		-0.00						
1.33		-0.01	3	-248.95	-0.09	-0.46	-0.53	-
0.48		-0.00	4	-90.18	-0.03	-0.17	-0.19	-
0.13		-0.16	6	0.17	55.67	262.09	-0.05	-
0.60		-1.11	7	0.94	209.08	423.34	-0.24	-
0.01		-0.00	8	0.01	5.91	18.14	-0.00	-
0.11		-0.06	9	0.14	114.70	350.19	-0.04	-

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0.07	0.10	Dyn Y	0.10	37.71	165.09	0.03	
0.10	132.5	1	-72.27	-0.01	-0.06	-0.09	-
0.63	-0.01	3	-248.95	-0.09	-0.34	-0.53	-
0.23	-0.00	4	-90.18	-0.03	-0.12	-0.19	-
0.06	-0.16	6	0.17	55.67	188.33	-0.05	-
0.29	-1.11	7	0.94	124.41	201.93	-0.24	-
0.00	-0.00	8	0.01	5.11	10.67	-0.00	-
0.05	-0.06	9	0.14	99.14	205.08	-0.04	-
0.04	0.10	Dyn Y	0.10	37.71	115.12	0.03	
0.01	265.0	1	-59.73	-0.01	-0.04	-0.09	-
0.08	-0.01	3	-248.95	-0.09	-0.23	-0.53	-
0.03	-0.00	4	-90.18	-0.03	-0.08	-0.19	-
0.01	-0.16	6	0.17	55.67	114.57	-0.05	-
0.03	-1.11	7	0.94	50.26	89.38	-0.24	-
0.00	-0.00	8	0.01	2.71	5.31	-0.00	-
0.01	-0.06	9	0.14	52.46	101.21	-0.04	-
0.00	0.10	Dyn Y	0.10	37.71	65.16	0.03	
0.22	19	0.0	1	-86.49	-0.01	-0.07	0.09
1.33	0.01	3	-248.95	-0.09	-0.46	0.53	-
0.48	0.00	4	-90.18	-0.03	-0.17	0.19	-
0.13	0.16	6	0.17	55.67	262.09	0.05	-
0.60	1.11	7	0.94	209.08	423.34	0.24	-
0.01	0.00	8	0.01	5.91	18.14	0.00	-
0.11	0.06	9	0.14	114.70	350.19	0.04	-
0.07	0.10	Dyn Y	0.10	37.71	165.09	0.03	
0.10	132.5	1	-72.27	-0.01	-0.06	0.09	-
0.63	0.01	3	-248.95	-0.09	-0.34	0.53	-
0.23	0.00	4	-90.18	-0.03	-0.12	0.19	-
0.06	0.16	6	0.17	55.67	188.33	0.05	-
0.29	1.11	7	0.94	124.41	201.93	0.24	-
0.00	0.00	8	0.01	5.11	10.67	0.00	-
0.05	0.06	9	0.14	99.14	205.08	0.04	-
0.04	0.10	Dyn Y	0.10	37.71	115.12	0.03	
0.01	265.0	1	-59.73	-0.01	-0.04	0.09	-

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0.08	0.01	3	-248.95	-0.09	-0.23	0.53	-
0.03	0.00	4	-90.18	-0.03	-0.08	0.19	-
0.01	0.16	6	0.17	55.67	114.57	0.05	-
0.03	1.11	7	0.94	50.26	89.38	0.24	-
0.00	0.00	8	0.01	2.71	5.31	0.00	-
0.01	0.06	9	0.14	52.46	101.21	0.04	-
0.00	0.10	Dyn Y	0.10	37.71	65.16	0.03	-

0.66	20 0.0	1	-86.49	-0.01	-0.06	0.26	-
4.00	0.00	3	-248.92	-0.07	-0.39	1.59	-
1.45	0.02	4	-90.17	-0.03	-0.14	0.58	-
0.39	0.01	6	0.18	55.04	259.33	0.15	-
1.72	0.49	7	0.82	203.74	402.76	0.68	-
0.02	3.20	8	0.01	5.90	18.09	0.01	-
0.36	0.01	9	0.17	114.48	349.19	0.14	-
0.23	0.18	Dyn Y	0.11	37.29	163.40	0.09	-
0.31	0.28	1	-72.27	-0.01	-0.05	0.26	-
1.89	132.5	3	-248.92	-0.07	-0.29	1.59	-
0.68	0.00	4	-90.17	-0.03	-0.10	0.58	-
0.18	0.02	6	0.18	55.04	186.40	0.15	-
0.82	0.49	7	0.82	119.07	188.42	0.68	-
0.01	3.20	8	0.01	5.10	10.63	0.01	-
0.17	0.01	9	0.17	98.92	204.38	0.14	-
0.11	0.18	Dyn Y	0.11	37.29	113.99	0.09	-
0.04	0.28	1	-59.73	-0.01	-0.03	0.26	-
0.22	265.0	3	-248.92	-0.07	-0.19	1.59	-
0.08	0.00	4	-90.17	-0.03	-0.07	0.58	-
0.02	0.02	6	0.18	55.04	113.47	0.15	-
0.08	0.01	7	0.82	44.92	82.94	0.68	-
0.00	0.49	8	0.01	2.70	5.29	0.01	-
0.02	3.20	9	0.17	52.23	100.81	0.14	-
0.01	0.01	Dyn Y	0.11	37.29	64.58	0.09	-
0.01	0.18						
	0.28						

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| Asta | Sezione | cond | N | T22 | M33 | T33 | M22
| Tor | | | | | | | |
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1.09	21	0.0	1	-86.63	-0.01	-0.04	0.43	
6.61		0.00	3	-249.80	-0.05	-0.23	2.62	
2.39		0.02	4	-90.49	-0.02	-0.08	0.95	
0.67		0.01	6	0.22	53.64	253.45	0.27	
2.54		0.83	7	0.47	193.22	363.01	1.00	
0.04		4.90	8	0.01	5.87	17.99	0.01	
0.68		0.01	9	0.26	113.97	347.05	0.27	
0.40		0.30	Dyn Y	0.13	36.43	159.97	0.16	
0.52		0.46	1	-72.41	-0.01	-0.03	0.43	
3.14		132.5	3	-249.80	-0.05	-0.17	2.62	
1.14		0.00	4	-90.49	-0.02	-0.06	0.95	
0.32		0.02	6	0.22	53.64	182.38	0.27	
1.21		0.01	7	0.47	108.55	162.61	1.00	
0.02		0.83	8	0.01	5.07	10.56	0.01	
0.32		4.90	9	0.26	98.41	202.92	0.27	
0.19		0.01	Dyn Y	0.13	36.43	111.70	0.16	
0.05		0.30	1	-59.87	-0.01	-0.02	0.43	-
0.33		0.46	3	-249.80	-0.05	-0.11	2.62	-
0.12		265.0	4	-90.49	-0.02	-0.04	0.95	-
0.04		0.02	6	0.22	53.64	111.30	0.27	-
0.12		0.01	7	0.47	34.40	71.07	1.00	-
0.00		0.83	8	0.01	2.68	5.25	0.01	-
0.04		4.90	9	0.26	51.72	100.02	0.27	-
0.02		0.01	Dyn Y	0.13	36.43	63.43	0.16	-
		0.30						
		0.46						
1.52	22	0.0	1	-87.09	0.00	0.01	0.61	
9.22		0.01	3	-252.61	0.01	0.04	3.69	
3.34		0.03	4	-91.51	0.00	0.02	1.34	
1.00		0.01	6	0.37	51.17	243.74	0.40	
2.85		1.18	7	0.04	40.70	194.12	1.13	
0.06		5.76	8	0.03	5.83	17.82	0.02	
1.13		0.02	9	0.54	113.07	343.53	0.45	
0.61		0.43	Dyn Y	0.23	35.03	154.63	0.24	
0.72		0.62	1	-72.87	0.00	0.00	0.61	
		132.5						
		0.01						

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4.33	0.03	3	-252.61	0.01	0.03	3.69	
1.57	0.01	4	-91.51	0.00	0.01	1.34	
0.47	1.18	6	0.37	51.17	175.94	0.40	
1.35	5.76	7	0.04	40.70	140.20	1.13	
0.03	0.02	8	0.03	5.03	10.45	0.02	
0.53	0.43	9	0.54	97.51	200.58	0.45	
0.28	0.62	Dyn Y	0.23	35.03	108.22	0.24	
0.09	265.0	1	-60.33	0.00	0.00	0.61	-
0.56	0.03	3	-252.61	0.01	0.02	3.69	-
0.20	0.01	4	-91.51	0.00	0.01	1.34	-
0.06	1.18	6	0.37	51.17	108.14	0.40	-
0.14	5.76	7	0.04	40.70	86.27	1.13	-
0.00	0.02	8	0.03	2.64	5.19	0.02	-
0.08	0.43	9	0.54	50.83	98.87	0.45	-
0.04	0.62	Dyn Y	0.23	35.03	61.81	0.24	-
-----+-----							
2.16	23 0.0	1	-85.21	0.01	0.06	0.96	
13.08	0.01	3	-241.22	0.08	0.39	5.78	
4.74	0.03	4	-87.38	0.03	0.14	2.09	
1.34	0.01	6	0.60	47.14	229.25	0.53	
2.64	1.49	7	-0.14	23.93	133.73	1.05	
0.09	5.88	8	0.05	5.76	17.56	0.03	
1.68	0.03	9	0.95	111.61	338.25	0.67	
0.83	0.54	Dyn Y	0.39	32.91	147.15	0.33	
0.90	0.75	1	-70.99	0.01	0.05	0.96	
5.42	132.5	3	-241.22	0.08	0.29	5.78	
1.96	0.01	4	-87.38	0.03	0.10	2.09	
0.64	0.03	6	0.60	47.14	166.79	0.53	
1.25	1.49	7	-0.14	23.93	102.02	1.05	
0.04	5.88	8	0.05	4.96	10.29	0.03	
0.79	0.03	9	0.95	96.05	197.24	0.67	
0.39	0.54	Dyn Y	0.39	32.91	103.55	0.33	
0.37	0.75	1	-58.45	0.01	0.03	0.96	-
2.23	265.0	3	-241.22	0.08	0.18	5.78	-
0.81	0.01	4	-87.38	0.03	0.07	2.09	-

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0.07	1.49	6	0.60	47.14	104.33	0.53	-
0.14	5.88	7	-0.14	23.93	70.32	1.05	-
0.00	0.03	8	0.05	2.56	5.12	0.03	-
0.09	0.54	9	0.95	49.36	97.47	0.67	-
0.04	0.75	Dyn Y	0.39	32.91	59.94	0.33	

3.01	24 0.0	1	-68.47	0.02	0.11	1.50	
18.19	0.01	3	-138.66	0.12	0.64	9.12	
6.59	0.03	4	-50.23	0.04	0.23	3.30	
1.60	0.01	6	-1.54	40.80	208.76	0.57	
2.26	1.66	7	-2.13	3.03	65.10	0.84	
0.11	5.83	8	-0.11	5.64	17.19	0.04	
2.15	0.03	9	-2.06	109.25	330.57	0.76	
1.00	0.60	Dyn Y	0.97	29.80	137.18	0.36	
1.02	0.79	1	-54.25	0.02	0.08	1.50	
6.11	132.5	3	-138.66	0.12	0.48	9.12	
2.21	0.01	4	-50.23	0.04	0.18	3.30	
0.84	0.01	6	-1.54	40.80	154.70	0.57	
1.14	1.66	7	-2.13	3.03	61.09	0.84	
0.06	5.83	8	-0.11	4.84	10.06	0.04	
1.14	0.03	9	-2.06	93.69	192.69	0.76	
0.53	0.60	Dyn Y	0.97	29.80	97.69	0.36	
0.98	0.79	1	-41.71	0.02	0.05	1.50	-
5.97	265.0	3	-138.66	0.12	0.33	9.12	-
2.16	0.01	4	-50.23	0.04	0.12	3.30	-
0.08	0.01	6	-1.54	40.80	100.63	0.57	
0.03	1.66	7	-2.13	3.03	57.07	0.84	
0.01	5.83	8	-0.11	2.45	5.06	0.04	
0.13	0.03	9	-2.06	47.00	96.05	0.76	
0.06	0.60	Dyn Y	0.97	29.80	58.21	0.36	

	Asta Tor	Sezione	cond	N	T22	M33	T33	M22
0.01	25	56.2	1	-1.50	-4.26	3.38	-0.02	
0.03		-0.01	3	-9.12	-25.84	20.65	-0.12	
		-0.07						

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0.01	-0.03	4	-3.30	-9.36	7.48	-0.04	
14.30	-12.91	6	-0.57	-1.54	-0.28	-15.99	
4.13	-50.56	7	-0.84	-2.13	-0.58	-3.03	-
0.25	-0.23	8	-0.04	-0.11	-0.02	-0.28	
5.19	-4.72	9	-0.76	-2.06	-0.35	-5.79	
2.95	6.43	Dyn Y	0.36	0.97	0.18	6.65	
0.01	62.5	1	-1.50	-2.19	3.58	-0.02	
0.01	-0.01	3	-9.12	-13.19	21.88	-0.12	
0.04	-0.07	4	-3.30	-4.78	7.93	-0.04	
0.01	-0.03	6	-0.57	-1.54	-0.19	-13.21	
15.22	-12.91	7	-0.84	-2.13	-0.45	-3.03	-
3.94	-50.56	8	-0.04	-0.11	-0.01	-0.23	
0.27	-0.23	9	-0.76	-2.06	-0.22	-4.78	
5.52	-4.72	Dyn Y	0.36	0.97	0.12	6.65	
3.37	6.43	1	-1.50	-0.12	3.65	-0.02	
0.01	68.8	3	-9.12	-0.54	22.31	-0.12	
0.01	-0.01	4	-3.30	-0.20	8.08	-0.04	
0.05	-0.07	6	-0.57	-1.54	-0.09	-10.43	
0.02	-0.03	7	-0.84	-2.13	-0.31	-3.03	-
15.96	-12.91	8	-0.04	-0.11	-0.00	-0.18	
3.75	-50.56	9	-0.76	-2.06	-0.09	-3.76	
0.28	-0.23	Dyn Y	0.36	0.97	0.05	6.65	
5.79	-4.72						
3.79	6.43						
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0.07	28	56.2	1	-3.07	-2.92	2.26	-0.03
		-0.01	3	-18.58	-17.79	13.81	-0.21
0.41		-0.09	4	-6.73	-6.44	5.00	-0.07
0.15		-0.03	6	-1.51	-0.58	0.14	-3.96
27.85		-14.01	7	-3.02	-2.23	0.02	-67.65
58.03		-68.21	8	-0.10	-0.03	0.01	-0.07
0.49		-0.25	9	-1.89	-0.57	0.20	-1.43
10.08		-5.08	Dyn Y	0.94	0.34	0.09	1.99
11.66		7.43	1	-3.07	-0.85	2.38	-0.03
0.07		62.5	3	-18.58	-5.14	14.53	-0.21
0.43		-0.09	4	-6.73	-1.86	5.26	-0.07
0.15		-0.03	6	-1.51	-0.58	0.17	-1.18
28.01		-14.01					

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62.29	-68.21	7	-3.02	-2.23	0.17	-67.65
0.49	-0.25	8	-0.10	-0.03	0.01	-0.02
10.13	-5.08	9	-1.89	-0.57	0.24	-0.42
11.77	7.43	Dyn Y	0.94	0.34	0.11	1.99
0.07	68.8	1	-3.07	1.22	2.37	-0.03
0.44	-0.01	3	-18.58	7.50	14.46	-0.21
0.16	-0.09	4	-6.73	2.72	5.24	-0.07
28.00	-0.03	6	-1.51	-0.58	0.21	1.60
66.56	-14.01	7	-3.02	-2.23	0.31	-67.65
0.49	-68.21	8	-0.10	-0.03	0.01	0.03
10.13	-0.25	9	-1.89	-0.57	0.27	0.60
11.89	-5.08	Dyn Y	0.94	0.34	0.13	1.99
	7.43					

0.10	29	56.2	1	-3.50	-2.73	2.24	-0.03
0.62	-0.01		3	-21.20	-16.65	13.65	-0.16
0.22	-0.07		4	-7.68	-6.03	4.94	-0.06
27.63	-0.03		6	-1.77	-0.36	0.12	-2.42
120.09	-9.98		7	-4.02	-1.76	0.27	-36.31
0.48	-54.32		8	-0.11	-0.02	0.01	-0.04
9.98	-0.18		9	-2.16	-0.31	0.15	-0.88
12.97	-3.62	Dyn Y		1.11	0.21	0.07	1.32
0.10	5.44		1	-3.50	-0.66	2.34	-0.03
0.63	62.5		3	-21.20	-4.01	14.30	-0.16
0.23	-0.07		4	-7.68	-1.45	5.18	-0.06
27.69	-0.03		6	-1.77	-0.36	0.14	0.36
122.38	-9.98		7	-4.02	-1.76	0.39	-36.31
0.49	-54.32		8	-0.11	-0.02	0.01	0.01
10.01	-0.18		9	-2.16	-0.31	0.17	0.14
13.03	-3.62	Dyn Y		1.11	0.21	0.09	1.32
0.11	5.44		1	-3.50	1.41	2.32	-0.03
0.64	68.8		3	-21.20	8.64	14.15	-0.16
0.23	-0.07		4	-7.68	3.13	5.13	-0.06
27.58	-0.03		6	-1.77	-0.36	0.17	3.14
124.66	-9.98		7	-4.02	-1.76	0.50	-36.31
0.48	-54.32		8	-0.11	-0.02	0.01	0.06
	-0.18						

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9.97	-3.62	9	-2.16	-0.31	0.19	1.15
13.08	5.44	Dyn Y	1.11	0.21	0.10	1.32

0.13	31	56.2	1	-3.76	-2.40	2.27	-0.01
0.76		-0.01	3	-22.79	-14.64	13.88	-0.09
0.28		-0.04	4	-8.26	-5.30	5.03	-0.03
26.61		-0.02	6	-1.93	-0.17	0.12	-2.29
150.57		-5.12	7	-4.70	-0.94	0.47	-15.49
0.47		-29.68	8	-0.12	-0.01	0.01	-0.04
9.61		-0.09	9	-2.30	-0.14	0.11	-0.83
13.56		-1.85	Dyn Y	1.20	0.10	0.07	0.80
0.13		2.84	1	-3.76	-0.33	2.36	-0.01
0.77		62.5	3	-22.79	-1.99	14.40	-0.09
0.28		-0.01	4	-8.26	-0.72	5.22	-0.03
26.67		-0.04	6	-1.93	-0.17	0.13	0.49
151.54		-5.12	7	-4.70	-0.94	0.53	-15.49
0.47		-29.68	8	-0.12	-0.01	0.01	0.01
9.63		-0.09	9	-2.30	-0.14	0.12	0.18
13.58		-1.85	Dyn Y	1.20	0.10	0.08	0.80
0.13		2.84	1	-3.76	1.74	2.31	-0.01
0.77		68.8	3	-22.79	10.66	14.13	-0.09
0.28		-0.01	4	-8.26	3.86	5.12	-0.03
26.55		-0.04	6	-1.93	-0.17	0.14	3.27
152.52		-5.12	7	-4.70	-0.94	0.59	-15.49
0.46		-29.68	8	-0.12	-0.01	0.01	0.06
9.59		-0.09	9	-2.30	-0.14	0.13	1.19
13.61		-1.85	Dyn Y	1.20	0.10	0.08	0.80
		2.84					

	Asta Tor	Sezione	cond	N	T22	M33	T33	M22
0.13	32	56.2	1	-3.85	-2.07	2.30	0.00	
0.82		0.00	3	-23.33	-12.65	14.02	0.00	
0.30		0.00	4	-8.45	-4.58	5.08	0.00	
26.11		0.00	6	-1.98	0.00	0.12	-2.78	
160.11		0.00	7	-4.94	0.00	0.57	-0.00	

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0.46	0.00	8	-0.12	0.00	0.01	-0.05	
9.43	0.00	9	-2.34	0.00	0.11	-1.01	
13.76	0.00	Dyn Y	1.23	0.00	0.07	0.00	
0.13	62.5	1	-3.85	0.00	2.36	0.00	
0.82	0.00	3	-23.33	0.00	14.42	0.00	
0.30	0.00	4	-8.45	0.00	5.22	0.00	
26.20	0.00	6	-1.98	0.00	0.12	0.00	
160.11	0.00	7	-4.94	0.00	0.57	-0.00	
0.46	0.00	8	-0.12	0.00	0.01	0.00	
9.46	0.00	9	-2.34	0.00	0.11	0.00	
13.76	0.00	Dyn Y	1.23	0.00	0.07	0.00	
0.13	68.8	1	-3.85	2.07	2.30	0.00	
0.82	0.00	3	-23.33	12.65	14.02	0.00	
0.30	0.00	4	-8.45	4.58	5.08	0.00	
26.11	0.00	6	-1.98	0.00	0.12	2.78	
160.11	0.00	7	-4.94	0.00	0.57	-0.00	
0.46	0.00	8	-0.12	0.00	0.01	0.05	
9.43	0.00	9	-2.34	0.00	0.11	1.01	
13.76	0.00	Dyn Y	1.23	0.00	0.07	0.00	
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0.13	34	56.2	1	-3.76	-1.74	2.31	0.01
0.77	0.01	3	-22.79	-10.66	14.13	0.09	
0.28	0.04	4	-8.26	-3.86	5.12	0.03	
26.55	0.02	6	-1.93	0.17	0.14	-3.27	
152.52	5.12	7	-4.70	0.94	0.59	15.49	
0.46	29.68	8	-0.12	0.01	0.01	-0.06	
9.59	0.09	9	-2.30	0.14	0.13	-1.19	
13.61	1.85	Dyn Y	1.20	0.10	0.08	0.80	
0.13	2.84	1	-3.76	0.33	2.36	0.01	
0.77	62.5	3	-22.79	1.99	14.40	0.09	
0.28	0.01	4	-8.26	0.72	5.22	0.03	
26.67	0.04	6	-1.93	0.17	0.13	-0.49	
151.54	0.02	7	-4.70	0.94	0.53	15.49	
0.47	5.12	8	-0.12	0.01	0.01	-0.01	
9.63	29.68	9	-2.30	0.14	0.12	-0.18	
	0.09						
	1.85						

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13.59	2.84	Dyn Y	1.20	0.10	0.08	0.80
0.13	68.8	1	-3.76	2.40	2.27	0.01
0.76	0.01	3	-22.79	14.64	13.88	0.09
0.28	0.04	4	-8.26	5.30	5.03	0.03
26.61	0.02	6	-1.93	0.17	0.12	2.29
150.57	5.12	7	-4.70	0.94	0.47	15.49
0.47	29.68	8	-0.12	0.01	0.01	0.04
9.61	0.09	9	-2.30	0.14	0.11	0.83
13.56	1.85	Dyn Y	1.20	0.10	0.07	0.80
	2.84					
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0.11	35	56.2	1	-3.50	-1.41	2.32
0.64	0.01	3	-21.20	-8.64	14.15	0.16
0.23	0.07	4	-7.68	-3.13	5.13	0.06
27.58	0.03	6	-1.77	0.36	0.17	-3.14
124.66	9.98	7	-4.02	1.76	0.50	36.31
0.48	54.32	8	-0.11	0.02	0.01	-0.06
9.97	0.18	9	-2.16	0.31	0.19	-1.15
13.09	3.62	Dyn Y	1.10	0.21	0.10	1.32
0.10	5.44	1	-3.50	0.66	2.34	0.03
0.63	62.5	3	-21.20	4.01	14.30	0.16
0.23	0.01	4	-7.68	1.45	5.18	0.06
27.69	0.07	6	-1.77	0.36	0.14	-0.36
122.38	0.03	7	-4.02	1.76	0.39	36.31
0.49	9.98	8	-0.11	0.02	0.01	-0.01
10.01	54.32	9	-2.16	0.31	0.17	-0.14
13.03	0.18	Dyn Y	1.10	0.21	0.09	1.32
0.10	3.62	1	-3.50	2.73	2.24	0.03
0.62	5.44	3	-21.20	16.65	13.65	0.16
0.22	68.8	4	-7.68	6.03	4.94	0.06
27.63	0.01	6	-1.77	0.36	0.12	2.42
120.09	0.07	7	-4.02	1.76	0.27	36.31
0.48	0.03	8	-0.11	0.02	0.01	0.04
9.98	9.98	9	-2.16	0.31	0.15	0.88
12.97	54.32	Dyn Y	1.10	0.21	0.07	1.32
	0.18					
	3.62					
	5.44					
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0.07	37	56.2	1	-3.07	-1.22	2.37	0.03
		0.01					
0.44		0.09	3	-18.58	-7.50	14.46	0.21
0.16		0.03	4	-6.73	-2.72	5.24	0.07
28.00		14.01	6	-1.51	0.58	0.21	-1.60
66.56		68.21	7	-3.02	2.23	0.31	67.65
0.49		0.25	8	-0.10	0.03	0.01	-0.03
10.13		5.08	9	-1.89	0.57	0.27	-0.60
11.89		7.43	Dyn Y	0.94	0.34	0.13	2.00
0.07		62.5	1	-3.07	0.85	2.38	0.03
		0.01					
0.43		0.09	3	-18.58	5.14	14.53	0.21
0.15		0.03	4	-6.73	1.86	5.26	0.07
28.01		14.01	6	-1.51	0.58	0.17	1.18
62.29		68.21	7	-3.02	2.23	0.17	67.65
0.49		0.25	8	-0.10	0.03	0.01	0.02
10.13		5.08	9	-1.89	0.57	0.24	0.42
11.77		7.43	Dyn Y	0.94	0.34	0.11	2.00
0.07		68.8	1	-3.07	2.92	2.26	0.03
		0.01					
0.41		0.09	3	-18.58	17.79	13.81	0.21
0.15		0.03	4	-6.73	6.44	5.00	0.07
27.85		14.01	6	-1.51	0.58	0.14	3.96
58.03		68.21	7	-3.02	2.23	0.02	67.65
0.49		0.25	8	-0.10	0.03	0.01	0.07
10.08		5.08	9	-1.89	0.57	0.20	1.43
11.65		7.43	Dyn Y	0.94	0.34	0.09	2.00

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 | Asta | Sezione | cond | N | T22 | M33 | T33 | M22
 | Tor | | | | | | | |
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0.04	39	56.2	1	-2.46	-1.49	2.86	0.03
		0.01					
0.22		0.08	3	-14.89	-9.18	17.46	0.20
0.08		0.03	4	-5.39	-3.32	6.32	0.07
25.46		15.88	6	-1.11	0.94	0.21	2.40
10.62		69.43	7	-1.89	2.27	0.06	26.96
0.45		0.28	8	-0.07	0.06	0.02	0.04
9.22		5.77	9	-1.43	1.11	0.31	0.85
9.24		8.16	Dyn Y	0.70	0.58	0.13	3.61

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0.03	62.5	1	-2.46	0.58	2.89	0.03
	0.01					
0.20	0.08	3	-14.89	3.47	17.64	0.20
0.07	0.03	4	-5.39	1.26	6.39	0.07
25.22	15.88	6	-1.11	0.94	0.15	5.18
8.92	69.43	7	-1.89	2.27	-0.08	26.96
0.44	0.28	8	-0.07	0.06	0.01	0.09
9.14	5.77	9	-1.43	1.11	0.24	1.86
9.01	8.16	Dyn Y	0.70	0.58	0.10	3.61
0.03	68.8	1	-2.46	2.65	2.79	0.03
	0.01					
0.19	0.08	3	-14.89	16.12	17.02	0.20
0.07	0.03	4	-5.39	5.84	6.17	0.07
24.81	15.88	6	-1.11	0.94	0.09	7.96
7.22	69.43	7	-1.89	2.27	-0.23	26.96
0.44	0.28	8	-0.07	0.06	0.01	0.14
8.99	5.77	9	-1.43	1.11	0.17	2.88
8.79	8.16	Dyn Y	0.70	0.58	0.06	3.61

0.01	40	56.2	1	-1.50	0.12	3.65	0.02
		0.01					
0.05	0.07	3	-9.12	0.54	22.31	0.12	
0.02	0.03	4	-3.30	0.20	8.08	0.04	
15.96	12.91	6	-0.57	1.54	-0.09	10.43	
3.75	50.56	7	-0.84	2.13	-0.31	3.03	
0.28	0.23	8	-0.04	0.11	-0.00	0.18	
5.79	4.72	9	-0.76	2.06	-0.09	3.76	
3.79	6.43	Dyn Y	0.36	0.97	0.05	6.65	
0.01	62.5	1	-1.50	2.19	3.58	0.02	
	0.01						
0.04	0.07	3	-9.12	13.19	21.88	0.12	
0.01	0.03	4	-3.30	4.78	7.93	0.04	
15.22	12.91	6	-0.57	1.54	-0.19	13.21	
3.94	50.56	7	-0.84	2.13	-0.45	3.03	
0.27	0.23	8	-0.04	0.11	-0.01	0.23	
5.52	4.72	9	-0.76	2.06	-0.22	4.78	
3.37	6.43	Dyn Y	0.36	0.97	0.11	6.65	
0.01	68.8	1	-1.50	4.26	3.38	0.02	
	0.01						
0.03	0.07	3	-9.12	25.84	20.65	0.12	

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0.01	0.03	4	-3.30	9.36	7.48	0.04
14.30	12.91	6	-0.57	1.54	-0.28	15.99
4.13	50.56	7	-0.84	2.13	-0.58	3.03
0.25	0.23	8	-0.04	0.11	-0.02	0.28
5.19	4.72	9	-0.76	2.06	-0.35	5.79
2.95	6.43	Dyn Y	0.36	0.97	0.17	6.65
-----+-----						
0.03	41 56.2	1	-2.46	-2.65	2.79	-0.03
0.19	-0.01	3	-14.89	-16.12	17.02	-0.20
0.07	-0.08	4	-5.39	-5.84	6.17	-0.07
24.81	-0.03	6	-1.11	-0.94	0.09	-7.96
7.22	-15.88	7	-1.89	-2.27	-0.23	-26.96
0.44	-69.43	8	-0.07	-0.06	0.01	-0.14
8.99	-0.28	9	-1.43	-1.11	0.17	-2.88
8.79	-5.77	Dyn Y	0.70	0.58	0.06	3.62
0.03	8.16	1	-2.46	-0.58	2.89	-0.03
0.20	62.5	3	-14.89	-3.47	17.64	-0.20
0.07	-0.01	4	-5.39	-1.26	6.39	-0.07
25.22	-0.08	6	-1.11	-0.94	0.15	-5.18
8.92	-15.88	7	-1.89	-2.27	-0.08	-26.96
0.44	-69.43	8	-0.07	-0.06	0.01	-0.09
9.14	-0.28	9	-1.43	-1.11	0.24	-1.86
9.01	-5.77	Dyn Y	0.70	0.58	0.10	3.62
0.04	8.16	1	-2.46	1.49	2.86	-0.03
0.22	68.8	3	-14.89	9.18	17.46	-0.20
0.08	-0.01	4	-5.39	3.32	6.32	-0.07
25.46	-0.08	6	-1.11	-0.94	0.21	-2.40
10.62	-15.88	7	-1.89	-2.27	0.06	-26.96
0.45	-69.43	8	-0.07	-0.06	0.02	-0.04
9.22	-0.28	9	-1.43	-1.11	0.31	-0.85
9.24	-5.77	Dyn Y	0.70	0.58	0.13	3.62
	8.16					
-----+-----						

+----- AZIONI NELLE SHELL PER LE CONDIZIONI INDIPENDENTI DI CARICO E SISMICHE -----+
Azioni ottenuti dall'analisi e ruotate lungo le direzioni delle armature 1 e 2. Unita': KN/cm e
KN*m/cm
S11: azione normale lungo la direzione 1 delle armature (negativa se di compressione)
S22: azione normale lungo la direzione 2 delle armature (negativa se di compressione)

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M11: momento flettente agente nella sezione ortog. all'asse 1 (+ se comprime la superficie positiva) (-Mx1)

M22: momento flettente agente nella sezione ortog. all'asse 2 (+ se comprime la superficie positiva) (-Mx2)

S12: taglio agente nelle sezioni 1 e 2 (Tx1, Tx2)

M12: momento torcente agente nelle sezioni 1 e 2 (Tor1, Tor2)

T11: taglio agente nella sezione ortog. all'asse 1 (-Ty1)

T22: taglio agente nella sezione ortog. all'asse 2 (-Ty2)

Dyn X: condizione per il sisma dinamico nella direzione X1

Dyn Y: condizione per il sisma dinamico nella direzione Y1

-----+									
Shell n.ro 1									
	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
+-----									
	37	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2031e-02	-1.9191e-01		
2.2522e-02	-3.4656e-01	1.1207e-02							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.2321e-02	-4.1351e-01		
9.2054e-02	-7.4276e-01	8.3922e-02							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.6197e-02	-1.4979e-01		
3.3346e-02	-2.6906e-01	3.0400e-02							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2631e-01	1.0492e+00		
4.4035e-01	8.8280e-03	6.6572e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.8068e-02	6.9897e-01		
3.5145e-01	-2.3720e-03	6.9826e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.0158e-02	8.1559e-02		
3.3729e-02	7.9000e-04	4.9028e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.9546e-01	1.5704e+00		
6.4965e-01	1.5169e-02	9.4513e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.2526e-02	6.7807e-01		
2.8358e-01	5.9410e-03	4.2427e-01							
	38	1	0.0000e+00	0.0000e+00	0.0000e+00	3.3994e-02	-8.0679e-02		
3.0756e-02	3.2702e-02	1.1207e-02							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.0308e-02	-2.2303e-01		
1.0735e-01	3.6189e-02	8.3922e-02							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.9091e-02	-8.0789e-02		
3.8888e-02	1.3109e-02	3.0400e-02							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.2750e-01	6.4085e-01	-	
9.0134e-03	1.7013e-02	6.6572e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	9.7976e-02	2.6709e-01		
2.1560e-01	9.8600e-03	6.9826e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.6964e-02	5.1517e-02	-	
3.2866e-03	1.3390e-03	4.9028e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.1859e-01	9.9127e-01	-	
6.2247e-02	2.5772e-02	9.4513e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.1516e-01	4.1790e-01		
1.2450e-02	1.1034e-02	4.2427e-01							
	25	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2041e-01	-2.2176e-01	-	
5.7742e-03	-3.4656e-01	-3.6805e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.9387e-01	-4.7663e-01	-	
3.7993e-03	-7.4276e-01	-6.9503e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0645e-01	-1.7265e-01	-	
1.3763e-03	-2.6906e-01	-2.5177e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2892e-01	1.5956e+00		
1.9933e-01	8.8280e-03	6.5753e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.9315e-02	8.6356e-01		
2.5362e-01	-2.3720e-03	6.8603e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.0369e-02	1.2657e-01		
1.4275e-02	7.9000e-04	4.8479e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.9952e-01	2.4361e+00		
2.7536e-01	1.5169e-02	9.3452e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.4229e-02	1.0371e+00		
1.2622e-01	5.9410e-03	4.1917e-01							
	39	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.3955e-02	-1.0978e-01		
2.4599e-03	3.2702e-02	-3.6805e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.4011e-01	-2.8485e-01		
1.1500e-02	3.6189e-02	-6.9503e-01							

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4.1656e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0755e-02	-1.0318e-01		
2.5003e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	3.4106e-01	1.1763e+00	-	
1.1776e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	1.0141e-01	4.2954e-01		
2.2740e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	2.8085e-02	9.5622e-02	-	
4.3654e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	5.4015e-01	1.8395e+00	-	
1.6915e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.2407e-01	7.6976e-01		
-----+-----								
-----+-----								
-----+-----								
Shell n.ro 2								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+-----								
2.9780e-03	25	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2345e-02	-2.1672e-01	-
7.6987e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9448e-02	-4.5297e-01	-	
2.7888e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0667e-02	-1.6408e-01	-	
1.8997e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.5728e-01	1.5808e+00	-	
1.6854e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.1106e-01	8.6268e-01	-	
1.8438e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.9665e-02	1.2534e-01	-	
3.5354e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.7878e-01	2.4125e+00	-	
1.3141e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.6559e-01	1.0274e+00		
1.4249e-04	39	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.3350e-02	-1.0308e-01	-
1.5846e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0732e-01	-2.4906e-01	-	
5.7401e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.8876e-02	-9.0219e-02	-	
1.3423e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.8641e-02	1.1544e+00	-	
2.0166e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-7.7646e-02	4.2295e-01	-	
9.5532e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	3.8033e-03	9.3853e-02	-	
1.8430e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	7.2600e-02	1.8055e+00	-	
8.5111e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.2563e-02	7.5546e-01	-	
1.6941e-02	41	1	0.0000e+00	0.0000e+00	0.0000e+00	1.1986e-02	-2.0505e-01	-
9.1131e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	4.3992e-02	-4.6571e-01	-	
3.3011e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	1.5936e-02	-1.6870e-01	-	
6.2905e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	2.6771e-01	1.1848e+00	-	
3.3735e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.2149e-01	8.2337e-01	-	
9.8297e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	2.0434e-02	9.1148e-02	-	
1.8729e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.9360e-01	1.7554e+00	-	
5.2873e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7225e-01	7.6307e-01	-	

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1.9777e-02	40	1	0.0000e+00	0.0000e+00	0.0000e+00	1.0423e-02	-9.2004e-02		
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4324e-02	-2.6361e-01		
1.1468e-01		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2434e-02	-9.5491e-02		
4.1540e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	2.4107e-02	7.7334e-01		
2.6129e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-7.0005e-02	3.8638e-01		
3.7047e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	3.3127e-03	6.0915e-02		
1.8161e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	6.3209e-02	1.1726e+00		
3.5055e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.9310e-02	5.0103e-01		
1.6413e-01		1.7060e-03	4.2787e-01						
-----+									
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-----+									
Shell n.ro 3									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+									
1.5604e-02	41	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1392e-02	-2.2068e-01		
		3	0.0000e+00	0.0000e+00	0.0000e+00	-7.6944e-02	-5.6086e-01		
8.6001e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7872e-02	-2.0317e-01		
3.1153e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	1.9131e-01	1.1922e+00		
2.7172e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	1.8716e-01	8.3782e-01		
4.8525e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4230e-02	9.1514e-02		
1.6831e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	2.7425e-01	1.7626e+00		
3.2581e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2221e-01	7.6731e-01		
1.6537e-01		1.7350e-02	4.2423e-01						
2.1170e-02	40	1	0.0000e+00	0.0000e+00	0.0000e+00	3.3275e-02	-7.6478e-02		
		3	0.0000e+00	0.0000e+00	0.0000e+00	8.4123e-02	-1.6896e-01		
1.1992e-01		4	0.0000e+00	0.0000e+00	0.0000e+00	3.0473e-02	-6.1203e-02		
4.3440e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	1.8554e-01	7.8291e-01	-	
6.7228e-02		7	0.0000e+00	0.0000e+00	0.0000e+00	1.3354e-01	4.0577e-01		
2.2619e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	1.3649e-02	6.1376e-02	-	
8.0256e-03		9	0.0000e+00	0.0000e+00	0.0000e+00	2.6313e-01	1.1816e+00	-	
1.5341e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.1758e-01	5.0646e-01		
4.9714e-02		1.1702e-02	4.2423e-01						
1.9323e-03	26	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4912e-01	-2.5492e-01		
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.3953e-01	-6.9384e-01		
1.5501e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9544e-01	-2.5134e-01		
5.6153e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	1.9572e-01	1.6118e+00		
1.9856e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	1.9131e-01	1.1606e+00		
4.4886e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4560e-02	1.2227e-01		
1.1586e-02		2.0070e-03	4.9661e-02						

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		9	0.0000e+00	0.0000e+00	0.0000e+00	2.8061e-01	2.3556e+00		
2.2462e-01		3.8697e-02	9.5733e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2504e-01	1.0331e+00		
1.1961e-01		1.7350e-02	4.2988e-01						
	42	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0333e-01	-1.1036e-01		
7.4984e-03		1.8329e-02	-4.6843e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.7480e-01	-3.0133e-01		
4.9421e-02		-5.2891e-02	-1.3107e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3577e-01	-1.0915e-01		
1.7902e-02		-1.9159e-02	-4.7479e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.0973e-01	1.1827e+00	-	
1.4038e-01		1.8437e-02	6.7462e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.5611e-01	7.1015e-01		
1.8980e-01		1.8628e-02	7.0817e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.5415e-02	9.0700e-02	-	
1.3272e-02		1.3420e-03	4.9661e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.9717e-01	1.7469e+00	-	
2.5460e-01		2.5884e-02	9.5733e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3293e-01	7.5969e-01		
9.5363e-02		1.1702e-02	4.2988e-01						
+-----+									
+-----+									
+-----+									
Shell n.ro 4									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
+-----+									
	26	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1907e-01	-2.5317e-01		
3.5160e-03		3.9152e-01	-4.6734e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.6929e-01	-6.8382e-01		
2.5074e-02		1.0178e+00	-1.3045e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3377e-01	-2.4771e-01		
9.0827e-03		3.6868e-01	-4.7255e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.6600e-01	1.6113e+00	-	
1.1691e-01		-8.7200e-04	6.7836e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.9084e-01	1.1558e+00		
2.8287e-01		1.5878e-02	7.1464e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.9422e-02	1.2232e-01	-	
1.2609e-02		-2.0600e-04	4.9898e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	3.7447e-01	2.3565e+00	-	
2.4137e-01		-3.9070e-03	9.6191e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.6908e-01	1.0330e+00		
8.3087e-02		8.6700e-04	4.3217e-01						
	42	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.9925e-02	-1.0542e-01		
6.0424e-03		-7.1826e-02	-4.6734e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4456e-01	-2.7125e-01		
4.0285e-02		-2.7659e-01	-1.3045e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2481e-01	-9.8257e-02		
1.4593e-02		-1.0019e-01	-4.7255e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.2187e-01	1.1796e+00		
1.6783e-01		4.6370e-03	6.7836e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	7.9710e-03	7.0529e-01		
3.5148e-01		1.0523e-02	7.1464e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	9.9485e-03	9.0530e-02		
1.0368e-02		2.8900e-04	4.9898e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.9137e-01	1.7436e+00		
2.0071e-01		5.5940e-03	9.6191e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.9403e-02	7.5789e-01		
1.0248e-01		2.8570e-03	4.3217e-01						
	44	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.8704e-02	-2.3590e-01		
1.2395e-02		3.9152e-01	-3.9900e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3686e-01	-6.5440e-01		
7.3359e-02		1.0178e+00	-1.0132e-02						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.9576e-02	-2.3705e-01		
2.6573e-02		3.6868e-01	-3.6700e-03						
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.7627e-01	1.2607e+00	-	
5.9522e-02		-8.7200e-04	6.7285e-01						

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4.4542e-01		7		0.0000e+00		0.0000e+00		0.0000e+00		3.0088e-01		1.0733e+00				
		8		0.0000e+00		0.0000e+00		0.0000e+00		2.0184e-02		9.4016e-02	-			
9.2672e-03		9		0.0000e+00		0.0000e+00		0.0000e+00		3.8916e-01		1.8119e+00	-			
1.7658e-01		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		1.7564e-01		8.0488e-01				
4.8683e-02		8.6700e-04		4.2850e-01		0.0000e+00		0.0000e+00		-3.1911e-04		-8.8830e-02				
1.4922e-02		43 1		0.0000e+00		0.0000e+00		0.0000e+00		-3.1911e-04		-8.8830e-02				
		-7.1826e-02		-3.9900e-03		0.0000e+00		0.0000e+00		-1.1335e-01		-2.4464e-01				
8.8570e-02		3		0.0000e+00		0.0000e+00		0.0000e+00		-4.1060e-02		-8.8619e-02				
		4		0.0000e+00		0.0000e+00		0.0000e+00		1.1395e-01		8.4721e-01				
3.2084e-02		-1.0019e-01		-3.6700e-03		0.0000e+00		0.0000e+00		1.4436e-02		6.2637e-01				
		6		0.0000e+00		0.0000e+00		0.0000e+00		9.2385e-03		6.3695e-02				
2.2522e-01		4.6370e-03		6.7285e-01		0.0000e+00		0.0000e+00		1.7773e-01		1.2273e+00				
		7		0.0000e+00		0.0000e+00		0.0000e+00		7.4110e-02		5.4163e-01				
5.1404e-01		1.0523e-02		7.2000e-01		0.0000e+00		0.0000e+00								
		8		0.0000e+00		0.0000e+00		0.0000e+00								
1.3710e-02		2.8900e-04		4.9403e-02		0.0000e+00		0.0000e+00								
		9		0.0000e+00		0.0000e+00		0.0000e+00								
2.6550e-01		5.5940e-03		9.5241e-01		0.0000e+00		0.0000e+00								
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00								
1.3743e-01		2.8570e-03		4.2850e-01		0.0000e+00		0.0000e+00								
+-----+																
+-----+																
+-----+																
Shell n.ro 5																
		Nodo		cond		S11		S22		S12		M11		M22		M12
		T11		T22												
+-----+																
		44 1		0.0000e+00		0.0000e+00		0.0000e+00		-3.2318e-02		-2.3939e-01				
1.2867e-02		-4.4684e-01		-3.7890e-03		0.0000e+00		0.0000e+00		-2.1391e-01		-6.7555e-01				
		3		0.0000e+00		0.0000e+00		0.0000e+00		-7.7485e-02		-2.4471e-01				
7.5698e-02		-1.3582e+00		-8.6350e-03		0.0000e+00		0.0000e+00		2.3444e-01		1.2618e+00				
		4		0.0000e+00		0.0000e+00		0.0000e+00		2.2638e-01		1.0773e+00				
2.7421e-02		-4.9199e-01		-3.1280e-03		0.0000e+00		0.0000e+00		1.7266e-02		9.3995e-02				
		6		0.0000e+00		0.0000e+00		0.0000e+00		3.3284e-01		1.8115e+00				
2.5360e-01		2.4516e-02		6.7047e-01		0.0000e+00		0.0000e+00		1.4934e-01		8.0534e-01				
		7		0.0000e+00		0.0000e+00		0.0000e+00		1.5211e-01		4.2705e-01				
6.5524e-01		2.9754e-02		7.1535e-01		0.0000e+00		0.0000e+00		8.0274e-03		-8.6396e-02				
		8		0.0000e+00		0.0000e+00		0.0000e+00		3.5125e-02		-3.7890e-03				
1.4172e-02		1.7180e-03		4.9259e-02		0.0000e+00		0.0000e+00		-6.8363e-02		-2.2991e-01				
		9		0.0000e+00		0.0000e+00		0.0000e+00		-2.4764e-02		-8.3282e-02				
2.7509e-01		3.3155e-02		9.4963e-01		0.0000e+00		0.0000e+00		1.8495e-01		8.5198e-01	-			
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		1.8826e-01		6.4226e-01				
1.5211e-01		1.5426e-02		4.2705e-01		0.0000e+00		0.0000e+00		1.2850e-02		6.3854e-02	-			
		43 1		0.0000e+00		0.0000e+00		0.0000e+00		2.4803e-01		1.2305e+00	-			
1.4544e-02		3.5125e-02		-3.7890e-03		0.0000e+00		0.0000e+00		-1.6172e-01		-2.6722e-01				
		3		0.0000e+00		0.0000e+00		0.0000e+00		-6.2529e-01		-7.7019e-01				
8.6433e-02		4.9635e-02		-8.6350e-03		0.0000e+00		0.0000e+00								
		4		0.0000e+00		0.0000e+00		0.0000e+00								
3.1310e-02		1.7980e-02		-3.1280e-03		0.0000e+00		0.0000e+00								
		6		0.0000e+00		0.0000e+00		0.0000e+00								
8.0636e-02		1.8491e-02		6.7047e-01		0.0000e+00		0.0000e+00								
		7		0.0000e+00		0.0000e+00		0.0000e+00								
3.1000e-01		2.2467e-02		7.1535e-01		0.0000e+00		0.0000e+00								
		8		0.0000e+00		0.0000e+00		0.0000e+00								
9.1869e-03		1.3160e-03		4.9259e-02		0.0000e+00		0.0000e+00								
		9		0.0000e+00		0.0000e+00		0.0000e+00								
1.7572e-01		2.5392e-02		9.4963e-01		0.0000e+00		0.0000e+00								
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00								
5.8123e-02		1.1682e-02		4.2705e-01		0.0000e+00		0.0000e+00								
		27 1		0.0000e+00		0.0000e+00		0.0000e+00								
4.1860e-03		-4.4684e-01		-4.8575e-01		0.0000e+00		0.0000e+00								
		3		0.0000e+00		0.0000e+00		0.0000e+00								
2.6788e-02		-1.3582e+00		-1.4164e+00		0.0000e+00		0.0000e+00								

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		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2650e-01	-2.7899e-01	
9.7037e-03	-4.9199e-01	-5.1309e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.3642e-01	1.6771e+00	
2.1522e-01	2.4516e-02	6.7649e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.2799e-01	1.5096e+00	
5.9993e-01	2.9754e-02	7.2264e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.7418e-02	1.2302e-01	
1.2042e-02	1.7180e-03	4.9661e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	3.3577e-01	2.3716e+00	
2.3375e-01	3.3155e-02	9.5739e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.5062e-01	1.0659e+00	
1.2940e-01	1.5426e-02	4.3079e-01						
	45	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2011e-01	-1.1399e-01	
5.8630e-03	3.5125e-02	-4.8575e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-4.7550e-01	-3.2441e-01	
3.7523e-02	4.9635e-02	-1.4164e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.7225e-01	-1.1751e-01	
1.3592e-02	1.7980e-02	-5.1309e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.0988e-01	1.2443e+00	-
1.1902e-01	1.8491e-02	6.7649e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.1932e-01	1.0451e+00	
2.5470e-01	2.2467e-02	7.2264e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4596e-02	9.1281e-02	-
1.1316e-02	1.3160e-03	4.9661e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.8173e-01	1.7598e+00	-
2.1707e-01	2.5392e-02	9.5739e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3151e-01	7.9044e-01	
8.0657e-02	1.1682e-02	4.3079e-01						

Shell n.ro 6

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
		27	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4402e-01	-2.6595e-01
4.8075e-03	4.1630e-01	-4.8517e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.2132e-01	-7.6261e-01	
3.0810e-02	1.1690e+00	-1.4130e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8884e-01	-2.7625e-01	
1.1161e-02	4.2347e-01	-5.1186e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.7079e-01	1.6766e+00	-
1.0497e-01	-1.4030e-03	6.7841e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.1211e-01	1.4975e+00	
3.9732e-01	1.5888e-02	7.3025e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.9560e-02	1.2306e-01	-
1.1235e-02	-1.8900e-04	4.9759e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	3.7721e-01	2.3725e+00	-
2.1510e-01	-3.6110e-03	9.5931e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7176e-01	1.0658e+00	
7.3730e-02	1.0500e-03	4.3193e-01						
	45	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1822e-01	-1.1135e-01	
5.3401e-03	-6.0747e-02	-4.8517e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-4.6083e-01	-3.0826e-01	
3.3844e-02	-2.0864e-01	-1.4130e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6693e-01	-1.1166e-01	
1.2260e-02	-7.5577e-02	-5.1186e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.6756e-01	1.2433e+00	
1.9295e-01	2.5040e-03	6.7841e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.8102e-02	1.0358e+00	
4.5052e-01	9.7920e-03	7.3025e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.2578e-02	9.1259e-02	
1.1361e-02	1.4900e-04	4.9759e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.4236e-01	1.7594e+00	
2.2020e-01	2.8850e-03	9.5931e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.0669e-01	7.8987e-01	
1.1703e-01	1.5440e-03	4.3193e-01						

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	47	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2391e-02	-2.4407e-01	
9.3229e-03		4.1630e-01	-8.1230e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.2015e-01	-7.0495e-01	
5.6411e-02		1.1690e+00	-3.5358e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.9746e-02	-2.5536e-01	
2.0434e-02		4.2347e-01	-1.2808e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.8129e-01	1.3089e+00	-
8.0870e-02		-1.4030e-03	6.7451e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.2315e-01	1.4323e+00	
5.6018e-01		1.5888e-02	7.3634e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.0330e-02	9.5157e-02	-
9.9241e-03		-1.8900e-04	4.9421e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	3.9207e-01	1.8349e+00	-
1.8963e-01		-3.6110e-03	9.5281e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7844e-01	8.3084e-01	
5.9111e-02		1.0500e-03	4.2935e-01					
	46	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.4387e-03	-9.0111e-02	
9.8555e-03		-6.0747e-02	-8.1230e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6125e-01	-2.5330e-01	
5.9446e-02		-2.0864e-01	-3.5358e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.8412e-02	-9.1755e-02	
2.1534e-02		-7.5577e-02	-1.2808e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.5776e-01	8.9593e-01	
2.1705e-01		2.5040e-03	6.7451e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.3130e-02	9.7656e-01	
6.1338e-01		9.7920e-03	7.3634e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.1782e-02	6.4921e-02	
1.2672e-02		1.4900e-04	4.9421e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.2705e-01	1.2519e+00	
2.4568e-01		2.8850e-03	9.5281e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.0033e-01	5.6799e-01	
1.3192e-01		1.5440e-03	4.2935e-01					

Shell n.ro 7

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	47	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1712e-02	-2.4493e-01	
9.5019e-03		-4.3251e-01	-8.3780e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7492e-01	-7.1011e-01	
5.7175e-02		-1.2702e+00	-3.6825e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.9587e-02	-2.5723e-01	
2.0711e-02		-4.6012e-01	-1.3339e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.5959e-01	1.3091e+00	
2.4044e-01		2.1768e-02	6.7337e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.8333e-01	1.4550e+00	
9.1914e-01		4.1242e-02	7.2876e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.9066e-02	9.5126e-02	
1.3208e-02		1.4750e-03	4.9365e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	3.6756e-01	1.8343e+00	
2.5652e-01		2.8496e-02	9.5172e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.6526e-01	8.3092e-01	
1.4497e-01		1.3618e-02	4.2867e-01					
	46	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3383e-03	-9.0497e-02	
9.7849e-03		4.4853e-02	-8.3780e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4435e-01	-2.5571e-01	
5.8932e-02		1.0924e-01	-3.6825e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2288e-02	-9.2627e-02	
2.1347e-02		3.9570e-02	-1.3339e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.9383e-01	8.9860e-01	-
9.6380e-02		1.7216e-02	6.7337e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.8635e-01	1.0166e+00	
2.6326e-01		2.6734e-02	7.2876e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.3230e-02	6.4989e-02	-
9.8910e-03		1.2100e-03	4.9365e-02					

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1.8949e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.5549e-01	1.2533e+00	-
6.6740e-02	28	1	0.0000e+00	0.0000e+00	0.0000e+00	1.2142e-01	5.6950e-01
3.5331e-03	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6359e-01	-2.6958e-01	
2.2227e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.4011e-01	-7.8476e-01	
8.0515e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.3187e-01	-2.8427e-01	
2.1487e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.5968e-01	1.7279e+00	
7.3844e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.8263e-01	2.2684e+00	
1.2234e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.9081e-02	1.2384e-01	
2.3735e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.6784e-01	2.3888e+00	
1.3039e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.6534e-01	1.0935e+00	
3.8161e-03	48	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2495e-01	-1.1493e-01
2.3983e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0537e-01	-3.3023e-01	
8.6878e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8306e-01	-1.1962e-01	
1.2196e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.1812e-01	1.2932e+00	-
8.2561e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	4.2957e-01	1.7860e+00	
1.0865e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4895e-02	9.2055e-02	-
2.0866e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.8763e-01	1.7759e+00	-
8.1107e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3665e-01	8.1696e-01	

Shell n.ro 8

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
3.7915e-03	28	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5219e-01	-2.6854e-01	
2.3708e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.7197e-01	-7.7851e-01		
8.5881e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.0719e-01	-2.8201e-01		
1.1423e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.7705e-01	1.7274e+00	-	
2.0974e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.5129e-01	2.2567e+00		
1.0975e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	2.0009e-02	1.2386e-01	-	
2.1048e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.8589e-01	2.3891e+00	-	
7.7331e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7582e-01	1.0933e+00		
3.6424e-03	48	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2379e-01	-1.1345e-01	
2.2787e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.9728e-01	-3.2123e-01		
8.2544e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8014e-01	-1.1636e-01		
1.9842e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.9579e-01	1.2927e+00		
5.9893e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.6013e-01	1.7775e+00		

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1.1724e-02		8		0.0000e+00		0.0000e+00		0.0000e+00		1.4083e-02		9.2058e-02	
		9		0.0000e+00		0.0000e+00		0.0000e+00		2.7162e-01		1.7760e+00	
2.2723e-01		-8.2700e-04		9.5770e-01									
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		1.2370e-01		8.1672e-01	
1.2095e-01		2.6500e-04		4.3204e-01									
		50		1		0.0000e+00		0.0000e+00		0.0000e+00		-3.6792e-02	
		1		0.0000e+00		0.0000e+00		0.0000e+00		-3.6792e-02		-2.4513e-01	
6.2589e-03		4.2169e-01		-9.5350e-03									
		3		0.0000e+00		0.0000e+00		0.0000e+00		-2.4767e-01		-7.1169e-01	
3.8133e-02		1.2021e+00		-4.3960e-02									
		4		0.0000e+00		0.0000e+00		0.0000e+00		-8.9715e-02		-2.5780e-01	
1.3813e-02		4.3546e-01		-1.5924e-02									
		6		0.0000e+00		0.0000e+00		0.0000e+00		2.8676e-01		1.3410e+00	
1.0792e-01		-3.4450e-03		6.7591e-01									
		7		0.0000e+00		0.0000e+00		0.0000e+00		3.6255e-01		1.7790e+00	
2.1669e-01		-4.8000e-05		7.4807e-01									
		8		0.0000e+00		0.0000e+00		0.0000e+00		2.0714e-02		9.5792e-02	
1.0520e-02		-2.8200e-04		4.9435e-02									
		9		0.0000e+00		0.0000e+00		0.0000e+00		3.9949e-01		1.8479e+00	
2.0171e-01		-5.4230e-03		9.5311e-01									
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		1.8198e-01		8.4860e-01	
7.3004e-02		2.2200e-03		4.3009e-01									
		49		1		0.0000e+00		0.0000e+00		0.0000e+00		-9.3097e-03	
		1		0.0000e+00		0.0000e+00		0.0000e+00		-9.3097e-03		-9.0619e-02	
6.1099e-03		-5.4194e-02		-9.5350e-03									
		3		0.0000e+00		0.0000e+00		0.0000e+00		-1.7490e-01		-2.5676e-01	
3.7212e-02		-1.6828e-01		-4.3960e-02									
		4		0.0000e+00		0.0000e+00		0.0000e+00		-6.3357e-02		-9.3009e-02	
1.3480e-02		-6.0959e-02		-1.5924e-02									
		6		0.0000e+00		0.0000e+00		0.0000e+00		1.8369e-01		9.2814e-01	
2.0473e-01		-3.9100e-04		6.7591e-01									
		7		0.0000e+00		0.0000e+00		0.0000e+00		2.5000e-01		1.3212e+00	
6.0588e-01		1.8510e-03		7.4807e-01									
		8		0.0000e+00		0.0000e+00		0.0000e+00		1.3174e-02		6.5602e-02	
1.2179e-02		-4.3200e-05		4.9435e-02									
		9		0.0000e+00		0.0000e+00		0.0000e+00		2.5411e-01		1.2658e+00	
2.3600e-01		-8.2700e-04		9.5311e-01									
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		1.1598e-01		5.8591e-01	
1.2533e-01		2.6500e-04		4.3009e-01									

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| Shell n.ro 9
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	Nodo	cond	S11	S22	S12	M11	M22	M12							
	T11	T22													
		50		1		0.0000e+00		0.0000e+00		0.0000e+00		-4.3015e-02		-2.4574e-01	
6.1496e-03		-4.2713e-01		-9.6970e-03											
		3		0.0000e+00		0.0000e+00		0.0000e+00		-2.8484e-01		-7.1535e-01			
3.7323e-02		-1.2369e+00		-4.4917e-02											
		4		0.0000e+00		0.0000e+00		0.0000e+00		-1.0318e-01		-2.5913e-01			
1.3520e-02		-4.4805e-01		-1.6271e-02											
		6		0.0000e+00		0.0000e+00		0.0000e+00		2.7557e-01		1.3410e+00			
2.2139e-01		1.8687e-02		6.7535e-01											
		7		0.0000e+00		0.0000e+00		0.0000e+00		3.0199e-01		1.7794e+00			
7.1404e-01		3.6911e-02		7.4503e-01											
		8		0.0000e+00		0.0000e+00		0.0000e+00		2.0168e-02		9.5775e-02			
1.2641e-02		1.2460e-03		4.9411e-02											
		9		0.0000e+00		0.0000e+00		0.0000e+00		3.8884e-01		1.8475e+00			
2.4524e-01		2.4068e-02		9.5265e-01											
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		1.7534e-01		8.4864e-01			
1.3509e-01		1.1678e-02		4.2975e-01											
		49		1		0.0000e+00		0.0000e+00		0.0000e+00		-7.8105e-03		-9.0960e-02	
6.3304e-03		4.8785e-02		-9.6970e-03											
		3		0.0000e+00		0.0000e+00		0.0000e+00		-1.6645e-01		-2.5885e-01			
3.8276e-02		1.3357e-01		-4.4917e-02											
		4		0.0000e+00		0.0000e+00		0.0000e+00		-6.0294e-02		-9.3767e-02			
1.3865e-02		4.8385e-02		-1.6271e-02											
		6		0.0000e+00		0.0000e+00		0.0000e+00		2.0239e-01		9.2960e-01			
1.1636e-01		1.4685e-02		6.7535e-01											

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1.2012e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.6079e-01	1.3309e+00	
1.0401e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.3786e-02	6.5632e-02	-
1.9973e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.6623e-01	1.2664e+00	-
7.7364e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2710e-01	5.8677e-01	
2.0727e-03	29	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6195e-01	-2.6971e-01
1.3048e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.3182e-01	-7.8560e-01	
4.7264e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2887e-01	-2.8458e-01	
2.0168e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.7375e-01	1.7607e+00	
5.6865e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.9892e-01	2.5178e+00	
1.2113e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	2.0045e-02	1.2441e-01	
2.3466e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.8646e-01	2.4004e+00	
1.2397e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7420e-01	1.1123e+00	
2.2535e-03	51	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2553e-01	-1.1466e-01
1.4001e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0962e-01	-3.2864e-01	
5.0716e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8461e-01	-1.1905e-01	
1.3606e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.2509e-01	1.3248e+00	-
2.5280e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	4.0137e-01	2.0256e+00	-
1.0930e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.5330e-02	9.2596e-02	-
2.1031e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.9604e-01	1.7871e+00	-
8.8318e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4134e-01	8.3502e-01	
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Shell n.ro 10							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+							
2.3363e-03	29	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5528e-01	-2.6904e-01
1.4422e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.9163e-01	-7.8157e-01
5.2241e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.1431e-01	-2.8312e-01
1.3366e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8226e-01	1.7604e+00
2.8172e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.4016e-01	2.5129e+00
1.1141e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.0439e-02	1.2441e-01
2.1423e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.9415e-01	2.4006e+00
8.7282e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.7926e-01	1.1121e+00
2.0704e-03	51	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2486e-01	-1.1386e-01
1.2895e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.0518e-01	-3.2374e-01

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	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8300e-01	-1.1727e-01	
4.6711e-03	-5.5120e-02	-5.1233e-01					
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.1384e-01	1.3246e+00	
1.9028e-01	-3.8600e-03	6.7989e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.2137e-01	2.0227e+00	
5.0132e-01	-4.8260e-03	7.6238e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4997e-02	9.2600e-02	
1.1697e-02	-2.7600e-04	4.9651e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.8942e-01	1.7872e+00	
2.2647e-01	-5.3280e-03	9.5730e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3475e-01	8.3491e-01	
1.1721e-01	2.4370e-03	4.3248e-01					
	53 1	0.0000e+00	0.0000e+00	0.0000e+00	-3.8363e-02	-2.4524e-01	
3.1681e-03	4.2387e-01	-9.9470e-03					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5781e-01	-7.1240e-01	
1.9360e-02	1.2157e+00	-4.6465e-02					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.3391e-02	-2.5806e-01	
7.0128e-03	4.4038e-01	-1.6831e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.9036e-01	1.3595e+00	-
1.3767e-01	-6.9050e-03	6.7685e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.5041e-01	1.9290e+00	-
2.2658e-02	-1.0496e-02	7.5671e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	2.1022e-02	9.6135e-02	-
1.1078e-02	-4.8300e-04	4.9444e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	4.0539e-01	1.8549e+00	-
2.1316e-01	-9.3310e-03	9.5330e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.8440e-01	8.5914e-01	
8.9020e-02	4.3420e-03	4.3057e-01					
	52 1	0.0000e+00	0.0000e+00	0.0000e+00	-8.9280e-03	-9.0550e-02	
2.9022e-03	-5.1620e-02	-9.9470e-03					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7373e-01	-2.5646e-01	
1.7833e-02	-1.5217e-01	-4.6465e-02					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.2931e-02	-9.2902e-02	
6.4599e-03	-5.5120e-02	-1.6831e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.9901e-01	9.4659e-01	
1.8627e-01	-3.8600e-03	6.7685e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.0154e-01	1.4690e+00	
4.5049e-01	-4.8260e-03	7.5671e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.3939e-02	6.5963e-02	
1.1760e-02	-2.7600e-04	4.9444e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.6901e-01	1.2732e+00	
2.2754e-01	-5.3280e-03	9.5330e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2538e-01	5.9648e-01	
1.1543e-01	2.4370e-03	4.3057e-01					

Shell n.ro 11

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	53	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1493e-02	-2.4558e-01	
2.9673e-03	-4.2551e-01	-1.0018e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7664e-01	-7.1449e-01		
1.8059e-02	-1.2266e+00	-4.6886e-02						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0021e-01	-2.5882e-01		
6.5415e-03	-4.4432e-01	-1.6984e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.8550e-01	1.3594e+00		
1.9652e-01	1.4943e-02	6.7661e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.2267e-01	1.9293e+00		
5.0791e-01	2.9914e-02	7.5530e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	2.0813e-02	9.6127e-02		
1.2137e-02	9.9200e-04	4.9435e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	4.0130e-01	1.8548e+00		
2.3495e-01	1.9160e-02	9.5313e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.8154e-01	8.5915e-01		
1.2165e-01	9.3480e-03	4.3043e-01						

**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
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	52	1	0.0000e+00	0.0000e+00	0.0000e+00	-8.2471e-03	-9.0694e-02	
3.2143e-03		5.0224e-02	-1.0018e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6979e-01	-2.5735e-01	
1.9384e-02		1.4277e-01	-4.6886e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.1505e-02	-9.3221e-02	
7.0218e-03		5.1717e-02	-1.6984e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.0714e-01	9.4725e-01	-
1.3954e-01		1.1335e-02	6.7661e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.5472e-01	1.4738e+00	-
6.7320e-02		1.7877e-02	7.5530e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4172e-02	6.5975e-02	-
1.0869e-02		7.8900e-04	4.9435e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.7366e-01	1.2734e+00	-
2.0927e-01		1.5225e-02	9.5313e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3032e-01	5.9688e-01	
8.9891e-02		7.1490e-03	4.3043e-01					
	30	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5944e-01	-2.6948e-01	
5.7721e-04		-4.2551e-01	-4.8575e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-6.1729e-01	-7.8421e-01	
3.7440e-03		-1.2266e+00	-1.4162e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2361e-01	-2.8407e-01	
1.3562e-03		-4.4432e-01	-5.1302e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.8156e-01	1.7766e+00	
1.8110e-01		1.4943e-02	6.8022e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.1695e-01	2.6434e+00	
3.8478e-01		2.9914e-02	7.6734e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.0536e-02	1.2468e-01	
1.1822e-02		9.9200e-04	4.9638e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	3.9596e-01	2.4062e+00	
2.2854e-01		1.9160e-02	9.5707e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7906e-01	1.1216e+00	
1.1302e-01		9.3480e-03	4.3263e-01					
	54	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2505e-01	-1.1425e-01	
8.2419e-04		5.0224e-02	-4.8575e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0710e-01	-3.2613e-01	
5.0698e-03		1.4277e-01	-1.4162e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8369e-01	-1.1814e-01	
1.8365e-03		5.1717e-02	-5.1302e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.2752e-01	1.3401e+00	-
1.5495e-01		1.1335e-02	6.8022e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.9034e-01	2.1465e+00	-
1.9045e-01		1.7877e-02	7.6734e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.5563e-02	9.2864e-02	-
1.1184e-02		7.8900e-04	4.9638e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	3.0051e-01	1.7926e+00	-
2.1568e-01		1.5225e-02	9.5707e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4312e-01	8.4405e-01	
9.8443e-02		7.1490e-03	4.3263e-01					

Shell n.ro 12

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	30	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5723e-01	-2.6925e-01	
8.7617e-04		4.2487e-01	-4.8570e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-6.0395e-01	-7.8284e-01	
5.2900e-03		1.2222e+00	-1.4159e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1877e-01	-2.8358e-01	
1.9163e-03		4.4274e-01	-5.1290e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.8416e-01	1.7765e+00	-
1.5727e-01		-1.0892e-02	6.8039e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.3067e-01	2.6419e+00	-
1.7836e-01		-2.0723e-02	7.6846e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.0646e-02	1.2469e-01	-
1.1467e-02		-7.3000e-04	4.9643e-02					

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2N18300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

2.2111e-01	9 0.0000e+00 0.0000e+00 0.0000e+00 3.9812e-01 2.4062e+00 -
	-1.4108e-02 9.5717e-01
1.0002e-01	Dyn Y 0.0000e+00 0.0000e+00 0.0000e+00 1.8060e-01 1.1215e+00
	6.8240e-03 4.3273e-01
6.0489e-04	54 1 0.0000e+00 0.0000e+00 0.0000e+00 -1.2483e-01 -1.1399e-01
	-5.0772e-02 -4.8570e-01
3.7893e-03	3 0.0000e+00 0.0000e+00 0.0000e+00 -5.0567e-01 -3.2455e-01
	-1.4655e-01 -1.4159e+00
1.3726e-03	4 0.0000e+00 0.0000e+00 0.0000e+00 -1.8317e-01 -1.1756e-01
	-5.3086e-02 -5.1290e-01
1.7431e-01	6 0.0000e+00 0.0000e+00 0.0000e+00 2.2406e-01 1.3400e+00
	-7.6150e-03 6.8039e-01
3.5802e-01	7 0.0000e+00 0.0000e+00 0.0000e+00 3.6540e-01 2.1457e+00
	-1.1604e-02 7.6846e-01
1.1475e-02	8 0.0000e+00 0.0000e+00 0.0000e+00 1.5471e-02 9.2866e-02
	-5.3200e-04 4.9643e-02
2.2179e-01	9 0.0000e+00 0.0000e+00 0.0000e+00 2.9867e-01 1.7926e+00
	-1.0265e-02 9.5717e-01
1.0886e-01	Dyn Y 0.0000e+00 0.0000e+00 0.0000e+00 1.4107e-01 8.4401e-01
	4.8030e-03 4.3273e-01
1.0782e-04	56 1 0.0000e+00 0.0000e+00 0.0000e+00 -3.9697e-02 -2.4536e-01
	4.2487e-01 -1.0058e-02
6.8815e-04	3 0.0000e+00 0.0000e+00 0.0000e+00 -2.6610e-01 -7.1318e-01
	1.2222e+00 -4.7130e-02
2.4927e-04	4 0.0000e+00 0.0000e+00 0.0000e+00 -9.6390e-02 -2.5834e-01
	4.4274e-01 -1.7072e-02
1.6790e-01	6 0.0000e+00 0.0000e+00 0.0000e+00 2.9025e-01 1.3655e+00 -
	-1.0892e-02 6.7711e-01
2.7147e-01	7 0.0000e+00 0.0000e+00 0.0000e+00 3.3891e-01 1.9777e+00 -
	-2.0723e-02 7.5934e-01
1.1618e-02	8 0.0000e+00 0.0000e+00 0.0000e+00 2.1081e-02 9.6242e-02 -
	-7.3000e-04 4.9445e-02
2.2428e-01	9 0.0000e+00 0.0000e+00 0.0000e+00 4.0650e-01 1.8571e+00 -
	-1.4108e-02 9.5333e-01
1.0576e-01	Dyn Y 0.0000e+00 0.0000e+00 0.0000e+00 1.8445e-01 8.6264e-01
	6.8240e-03 4.3071e-01
1.6347e-04	55 1 0.0000e+00 0.0000e+00 0.0000e+00 -8.3582e-03 -9.0519e-02 -
	-5.0772e-02 -1.0058e-02
8.1261e-04	3 0.0000e+00 0.0000e+00 0.0000e+00 -1.7066e-01 -2.5631e-01 -
	-1.4655e-01 -4.7130e-02
2.9436e-04	4 0.0000e+00 0.0000e+00 0.0000e+00 -6.1821e-02 -9.2844e-02 -
	-5.3086e-02 -1.7072e-02
1.6368e-01	6 0.0000e+00 0.0000e+00 0.0000e+00 2.0639e-01 9.5278e-01
	-7.6150e-03 6.7711e-01
2.6491e-01	7 0.0000e+00 0.0000e+00 0.0000e+00 3.3693e-01 1.5183e+00
	-1.1604e-02 7.5934e-01
1.1324e-02	8 0.0000e+00 0.0000e+00 0.0000e+00 1.4247e-02 6.6080e-02
	-5.3200e-04 4.9445e-02
2.1861e-01	9 0.0000e+00 0.0000e+00 0.0000e+00 2.7505e-01 1.2756e+00
	-1.0265e-02 9.5333e-01
1.0311e-01	Dyn Y 0.0000e+00 0.0000e+00 0.0000e+00 1.2994e-01 6.0010e-01
	4.8030e-03 4.3071e-01

Shell n.ro 13

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
1.0782e-04	56 1 0.0000e+00 0.0000e+00 0.0000e+00 -3.9697e-02 -2.4536e-01 -							
	-4.2487e-01 -1.0058e-02							
6.8815e-04	3 0.0000e+00 0.0000e+00 0.0000e+00 -2.6610e-01 -7.1318e-01 -							
	-1.2222e+00 -4.7130e-02							
2.4927e-04	4 0.0000e+00 0.0000e+00 0.0000e+00 -9.6390e-02 -2.5834e-01 -							
	-4.4274e-01 -1.7072e-02							
1.6790e-01	6 0.0000e+00 0.0000e+00 0.0000e+00 2.9025e-01 1.3655e+00							
	1.0892e-02 6.7711e-01							

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2.7147e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.3891e-01	1.9777e+00		
1.1618e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	2.1081e-02	9.6242e-02		
2.2428e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	4.0650e-01	1.8571e+00		
1.0577e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.8445e-01	8.6263e-01		
1.6347e-04	55 1	0.0000e+00	0.0000e+00	0.0000e+00	-8.3582e-03	-9.0519e-02		
8.1261e-04	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7066e-01	-2.5631e-01		
2.9436e-04	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.1821e-02	-9.2844e-02		
1.6368e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.0639e-01	9.5278e-01	-	
2.6491e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.3693e-01	1.5183e+00	-	
1.1324e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4247e-02	6.6080e-02	-	
2.1861e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.7505e-01	1.2756e+00	-	
1.0310e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2994e-01	6.0010e-01		
8.7617e-04	31 1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5723e-01	-2.6925e-01	-	
5.2900e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.0395e-01	-7.8284e-01	-	
1.9163e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1877e-01	-2.8358e-01	-	
1.5727e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.8416e-01	1.7765e+00		
1.7836e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.3067e-01	2.6419e+00		
1.1467e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	2.0646e-02	1.2469e-01		
2.2111e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.9812e-01	2.4062e+00		
1.0003e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.8059e-01	1.1215e+00		
6.0489e-04	57 1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2483e-01	-1.1399e-01	-	
3.7893e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0567e-01	-3.2455e-01	-	
1.3726e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8317e-01	-1.1756e-01	-	
1.7431e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.2406e-01	1.3400e+00	-	
3.5802e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.6540e-01	2.1457e+00	-	
1.1475e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.5471e-02	9.2866e-02	-	
2.2179e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.9867e-01	1.7926e+00	-	
1.0885e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4107e-01	8.4401e-01		
+-----+								
+-----+								
+-----+								
Shell n.ro 14								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
+-----+								
5.7721e-04	31 1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5944e-01	-2.6948e-01	-	
3.7440e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.1729e-01	-7.8421e-01	-	

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1.3562e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2361e-01	-2.8407e-01	-	
1.8110e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.8156e-01	1.7766e+00	-	
3.8478e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.1695e-01	2.6434e+00	-	
1.1822e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	2.0536e-02	1.2468e-01	-	
2.2854e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.9596e-01	2.4062e+00	-	
1.1302e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7906e-01	1.1216e+00	-	
8.2419e-04	57	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2505e-01	-1.1425e-01	-
5.0698e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0710e-01	-3.2613e-01	-	
1.8365e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8369e-01	-1.1814e-01	-	
1.5495e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.2752e-01	1.3401e+00	-	
1.9045e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.9034e-01	2.1465e+00	-	
1.1184e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.5563e-02	9.2864e-02	-	
2.1568e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.0051e-01	1.7926e+00	-	
9.8451e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4313e-01	8.4405e-01	-	
2.9673e-03	59	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1493e-02	-2.4558e-01	-
1.8059e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7664e-01	-7.1449e-01	-	
6.5415e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0021e-01	-2.5882e-01	-	
1.9652e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.8550e-01	1.3594e+00	-	
5.0791e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.2267e-01	1.9293e+00	-	
1.2137e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	2.0813e-02	9.6127e-02	-	
2.3495e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	4.0130e-01	1.8548e+00	-	
1.2164e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.8155e-01	8.5915e-01	-	
3.2143e-03	58	1	0.0000e+00	0.0000e+00	0.0000e+00	-8.2471e-03	-9.0694e-02	-
1.9384e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6979e-01	-2.5735e-01	-	
7.0218e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.1505e-02	-9.3221e-02	-	
1.3954e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.0714e-01	9.4725e-01	-	
6.7320e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	3.5472e-01	1.4738e+00	-	
1.0869e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4172e-02	6.5975e-02	-	
2.0927e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.7366e-01	1.2734e+00	-	
8.9899e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3032e-01	5.9688e-01	-	

Shell n.ro 15

Nodo	cond	S11	S22	S12	M11	M22	M12
T11	T22						

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3.1681e-03	59	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.8363e-02	-2.4524e-01	-
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5781e-01	-7.1240e-01	-
1.9360e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.3391e-02	-2.5806e-01	-
7.0128e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	2.9036e-01	1.3595e+00	-
1.3767e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	3.5041e-01	1.9290e+00	-
2.2658e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	2.1022e-02	9.6135e-02	-
1.1078e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	4.0539e-01	1.8549e+00	-
2.1316e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.8440e-01	8.5914e-01	-
8.9021e-02		1	0.0000e+00	0.0000e+00	0.0000e+00	-8.9280e-03	-9.0550e-02	-
2.9022e-03	58	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7373e-01	-2.5646e-01	-
1.7833e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.2931e-02	-9.2902e-02	-
6.4599e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	1.9901e-01	9.4659e-01	-
1.8627e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	3.0154e-01	1.4690e+00	-
4.5049e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	1.3939e-02	6.5963e-02	-
1.1760e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	2.6901e-01	1.2732e+00	-
2.2754e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2537e-01	5.9648e-01	-
1.1542e-01		1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5528e-01	-2.6904e-01	-
2.3363e-03	32	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.9163e-01	-7.8157e-01	-
1.4422e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1431e-01	-2.8312e-01	-
5.2241e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	2.8226e-01	1.7604e+00	-
1.3366e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	3.4016e-01	2.5129e+00	-
2.8172e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	2.0439e-02	1.2441e-01	-
1.1141e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	3.9415e-01	2.4006e+00	-
2.1423e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7927e-01	1.1121e+00	-
8.7289e-02		1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2486e-01	-1.1386e-01	-
2.0704e-03	60	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0518e-01	-3.2374e-01	-
1.2895e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8300e-01	-1.1727e-01	-
4.6711e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	2.1384e-01	1.3246e+00	-
1.9028e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	3.2137e-01	2.0227e+00	-
5.0132e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4997e-02	9.2600e-02	-
1.1697e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	2.8942e-01	1.7872e+00	-
2.2647e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3475e-01	8.3489e-01	-
1.1719e-01		1	0.0000e+00	0.0000e+00	0.0000e+00			-

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	Nodo T11	cond T22	S11	S22	S12	M11	M22	M12
-----+-----								
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	32	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6195e-01	-2.6971e-01	-
2.0727e-03		4.2713e-01	-4.8561e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-6.3182e-01	-7.8560e-01	-
1.3048e-02		1.2369e+00	-1.4154e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2887e-01	-2.8458e-01	-
4.7264e-03		4.4805e-01	-5.1271e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.7375e-01	1.7607e+00	-
2.0168e-01		-1.8687e-02	6.7935e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.9892e-01	2.5178e+00	-
5.6865e-01		-3.6911e-02	7.5890e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.0045e-02	1.2441e-01	-
1.2113e-02		-1.2460e-03	4.9632e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	3.8646e-01	2.4004e+00	-
2.3466e-01		-2.4068e-02	9.5694e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7419e-01	1.1123e+00	
1.2396e-01		1.1679e-02	4.3216e-01					
	60	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2553e-01	-1.1466e-01	-
2.2535e-03		-4.8785e-02	-4.8561e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0962e-01	-3.2864e-01	-
1.4001e-02		-1.3357e-01	-1.4154e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8461e-01	-1.1905e-01	-
5.0716e-03		-4.8385e-02	-5.1271e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.2509e-01	1.3248e+00	
1.3606e-01		-1.4685e-02	6.7935e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	4.0137e-01	2.0256e+00	
2.5280e-02		-2.3044e-02	7.5890e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.5330e-02	9.2596e-02	
1.0930e-02		-1.0250e-03	4.9632e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.9604e-01	1.7871e+00	
2.1031e-01		-1.9780e-02	9.5694e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4133e-01	8.3500e-01	
8.8326e-02		9.2630e-03	4.3216e-01					
	62	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3015e-02	-2.4574e-01	-
6.1496e-03		4.2713e-01	-9.6970e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8484e-01	-7.1535e-01	-
3.7323e-02		1.2369e+00	-4.4917e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0318e-01	-2.5913e-01	-
1.3520e-02		4.4805e-01	-1.6271e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.7557e-01	1.3410e+00	-
2.2139e-01		-1.8687e-02	6.7535e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.0199e-01	1.7794e+00	-
7.1404e-01		-3.6911e-02	7.4503e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.0168e-02	9.5775e-02	-
1.2641e-02		-1.2460e-03	4.9411e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	3.8884e-01	1.8475e+00	-
2.4524e-01		-2.4068e-02	9.5265e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7533e-01	8.4863e-01	
1.3507e-01		1.1679e-02	4.2975e-01					
	61	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.8105e-03	-9.0960e-02	-
6.3304e-03		-4.8785e-02	-9.6970e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6645e-01	-2.5885e-01	-
3.8276e-02		-1.3357e-01	-4.4917e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.0294e-02	-9.3767e-02	-
1.3865e-02		-4.8385e-02	-1.6271e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.0239e-01	9.2960e-01	
1.1636e-01		-1.4685e-02	6.7535e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.6079e-01	1.3309e+00	-
1.2012e-01		-2.3044e-02	7.4503e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.3786e-02	6.5632e-02	
1.0401e-02		-1.0250e-03	4.9411e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.6623e-01	1.2664e+00	
1.9973e-01		-1.9780e-02	9.5265e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2709e-01	5.8676e-01	
7.7377e-02		9.2630e-03	4.2975e-01					
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	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
+-----+ -----+									
	62	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.6792e-02	-2.4513e-01	-	
6.2589e-03		3	-4.2169e-01	-9.5350e-03	0.0000e+00	-2.4767e-01	-7.1169e-01	-	
3.8133e-02		4	-1.2021e+00	-4.3960e-02	0.0000e+00	-8.9715e-02	-2.5780e-01	-	
1.3813e-02		6	-4.3546e-01	-1.5924e-02	0.0000e+00	2.8676e-01	1.3410e+00	-	
1.0792e-01		7	3.4450e-03	6.7591e-01	0.0000e+00	3.6255e-01	1.7790e+00	-	
2.1669e-01		8	4.8000e-05	7.4807e-01	0.0000e+00	2.0714e-02	9.5792e-02	-	
1.0520e-02		9	2.8200e-04	4.9435e-02	0.0000e+00	3.9949e-01	1.8479e+00	-	
2.0171e-01		Dyn Y	5.4230e-03	9.5311e-01	0.0000e+00	1.8197e-01	8.4860e-01	-	
7.3025e-02		1	2.2210e-03	4.3009e-01	0.0000e+00	-9.3097e-03	-9.0619e-02	-	
6.1099e-03	61	3	5.4194e-02	-9.5350e-03	0.0000e+00	-1.7490e-01	-2.5676e-01	-	
3.7212e-02		4	1.6828e-01	-4.3960e-02	0.0000e+00	-6.3357e-02	-9.3009e-02	-	
1.3480e-02		6	6.0959e-02	-1.5924e-02	0.0000e+00	1.8369e-01	9.2814e-01	-	
2.0473e-01		7	3.9100e-04	6.7591e-01	0.0000e+00	2.5000e-01	1.3212e+00	-	
6.0588e-01		8	-1.8510e-03	7.4807e-01	0.0000e+00	1.3174e-02	6.5602e-02	-	
1.2179e-02		9	4.3200e-05	4.9435e-02	0.0000e+00	2.5411e-01	1.2658e+00	-	
2.3600e-01		Dyn Y	8.2700e-04	9.5311e-01	0.0000e+00	1.1598e-01	5.8590e-01	-	
1.2531e-01		1	2.6400e-04	4.3009e-01	0.0000e+00	-1.5219e-01	-2.6854e-01	-	
3.7915e-03	33	3	-4.2169e-01	-4.8542e-01	0.0000e+00	-5.7197e-01	-7.7851e-01	-	
2.3708e-02		4	-1.2021e+00	-1.4144e+00	0.0000e+00	-2.0719e-01	-2.8201e-01	-	
8.5881e-03		6	-4.3546e-01	-5.1234e-01	0.0000e+00	2.7705e-01	1.7274e+00	-	
1.1423e-01		7	3.4450e-03	6.7897e-01	0.0000e+00	3.5129e-01	2.2567e+00	-	
2.0974e-01		8	4.8000e-05	7.4997e-01	0.0000e+00	2.0009e-02	1.2386e-01	-	
1.0975e-02		9	2.8200e-04	4.9673e-02	0.0000e+00	3.8589e-01	2.3891e+00	-	
2.1048e-01		Dyn Y	5.4230e-03	9.5770e-01	0.0000e+00	1.7581e-01	1.0933e+00	-	
7.7346e-02		1	2.2210e-03	4.3205e-01	0.0000e+00	-1.2379e-01	-1.1345e-01	-	
3.6424e-03	63	3	5.4194e-02	-4.8542e-01	0.0000e+00	-4.9728e-01	-3.2123e-01	-	
2.2787e-02		4	1.6828e-01	-1.4144e+00	0.0000e+00	-1.8014e-01	-1.1636e-01	-	
8.2544e-03		6	6.0959e-02	-5.1234e-01	0.0000e+00	1.9579e-01	1.2927e+00	-	
1.9842e-01		7	3.9100e-04	6.7897e-01	0.0000e+00	2.6013e-01	1.7775e+00	-	
5.9893e-01		8	-1.8510e-03	7.4997e-01	0.0000e+00	1.4083e-02	9.2058e-02	-	
1.1724e-02		9	4.3200e-05	4.9673e-02	0.0000e+00	2.7162e-01	1.7760e+00	-	
2.2723e-01		Dyn Y	8.2700e-04	9.5770e-01	0.0000e+00			-	

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Shell n.ro 18									
	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
-----+-----									
1.2094e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2370e-01	8.1672e-01			
	2.6400e-04	4.3205e-01							
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3.5331e-03	33	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6359e-01	-2.6958e-01	-	
	4.3251e-01	-4.8575e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.4011e-01	-7.8476e-01	-		
2.2227e-02	1.2702e+00	-1.4163e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.3187e-01	-2.8427e-01	-		
8.0515e-03	4.6012e-01	-5.1303e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.5968e-01	1.7279e+00	-		
2.1487e-01	-2.1768e-02	6.7792e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.8263e-01	2.2684e+00	-		
7.3844e-01	-4.1242e-02	7.4327e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.9081e-02	1.2384e-01	-		
1.2234e-02	-1.4750e-03	4.9631e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	3.6784e-01	2.3888e+00	-		
2.3735e-01	-2.8496e-02	9.5686e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.6535e-01	1.0936e+00	-		
1.3038e-01	1.3622e-02	4.3144e-01							
	63	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2495e-01	-1.1493e-01	-	
3.8161e-03	-4.4853e-02	-4.8575e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0537e-01	-3.3023e-01	-		
2.3983e-02	-1.0924e-01	-1.4163e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8306e-01	-1.1962e-01	-		
8.6878e-03	-3.9570e-02	-5.1303e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.1812e-01	1.2932e+00	-		
1.2196e-01	-1.7216e-02	6.7792e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	4.2957e-01	1.7860e+00	-		
8.2561e-02	-2.6734e-02	7.4327e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4895e-02	9.2055e-02	-		
1.0865e-02	-1.2100e-03	4.9631e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.8763e-01	1.7759e+00	-		
2.0866e-01	-2.3348e-02	9.5686e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3665e-01	8.1696e-01	-		
8.1116e-02	1.0861e-02	4.3144e-01							
	65	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1712e-02	-2.4493e-01	-	
9.5019e-03	4.3251e-01	-8.3780e-03							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7492e-01	-7.1011e-01	-		
5.7175e-02	1.2702e+00	-3.6825e-02							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.9587e-02	-2.5723e-01	-		
2.0711e-02	4.6012e-01	-1.3339e-02							
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.5959e-01	1.3091e+00	-		
2.4044e-01	-2.1768e-02	6.7337e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.8333e-01	1.4550e+00	-		
9.1914e-01	-4.1242e-02	7.2876e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.9066e-02	9.5126e-02	-		
1.3208e-02	-1.4750e-03	4.9365e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	3.6756e-01	1.8343e+00	-		
2.5652e-01	-2.8496e-02	9.5172e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.6527e-01	8.3093e-01	-		
1.4495e-01	1.3622e-02	4.2868e-01							
	64	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3383e-03	-9.0497e-02	-	
9.7849e-03	-4.4853e-02	-8.3780e-03							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4435e-01	-2.5571e-01	-		
5.8932e-02	-1.0924e-01	-3.6825e-02							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2288e-02	-9.2627e-02	-		
2.1347e-02	-3.9570e-02	-1.3339e-02							
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.9383e-01	8.9860e-01	-		
9.6380e-02	-1.7216e-02	6.7337e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.8635e-01	1.0166e+00	-		
2.6326e-01	-2.6734e-02	7.2876e-01							

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9.8910e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	1.3230e-02	6.4989e-02		
	-1.2100e-03	4.9365e-02						
1.8949e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.5549e-01	1.2533e+00		
	-2.3348e-02	9.5172e-01						
6.6755e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2141e-01	5.6951e-01		
	1.0861e-02	4.2868e-01						
+-----+ -----+ -----+ -----+								
	Shell n.ro 19							
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
+-----+ -----+								
9.3229e-03	65	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2391e-02	-2.4407e-01	-
	-4.1630e-01	-8.1230e-03						
5.6411e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.2015e-01	-7.0495e-01		-
	-1.1690e+00	-3.5358e-02						
2.0434e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.9746e-02	-2.5536e-01		-
	-4.2347e-01	-1.2808e-02						
8.0870e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	2.8129e-01	1.3089e+00		
	1.4030e-03	6.7451e-01						
5.6018e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.2315e-01	1.4323e+00		-
	-1.5888e-02	7.3634e-01						
9.9241e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	2.0330e-02	9.5157e-02		
	1.8900e-04	4.9421e-02						
1.8963e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.9207e-01	1.8349e+00		
	3.6110e-03	9.5281e-01						
5.9134e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7844e-01	8.3086e-01		
	1.0450e-03	4.2935e-01						
9.8555e-03	64	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.4387e-03	-9.0111e-02	-
	6.0747e-02	-8.1230e-03						
5.9446e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6125e-01	-2.5330e-01		-
	2.0864e-01	-3.5358e-02						
2.1534e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.8412e-02	-9.1755e-02		-
	7.5577e-02	-1.2808e-02						
2.1705e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.5776e-01	8.9593e-01		-
	-2.5040e-03	6.7451e-01						
6.1338e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.3130e-02	9.7656e-01		-
	-9.7920e-03	7.3634e-01						
1.2672e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.1782e-02	6.4921e-02		-
	-1.4900e-04	4.9421e-02						
2.4568e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.2705e-01	1.2519e+00		-
	-2.8850e-03	9.5281e-01						
1.3190e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.0034e-01	5.6801e-01		
	1.5450e-03	4.2935e-01						
4.8075e-03	34	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4402e-01	-2.6595e-01	-
	-4.1630e-01	-4.8517e-01						
3.0810e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.2132e-01	-7.6261e-01		-
	-1.1690e+00	-1.4130e+00						
1.1161e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8884e-01	-2.7625e-01		-
	-4.2347e-01	-5.1186e-01						
1.0497e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.7079e-01	1.6766e+00		
	1.4030e-03	6.7841e-01						
3.9732e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.1211e-01	1.4975e+00		-
	-1.5888e-02	7.3025e-01						
1.1235e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.9560e-02	1.2306e-01		
	1.8900e-04	4.9759e-02						
2.1510e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.7721e-01	2.3725e+00		
	3.6110e-03	9.5931e-01						
7.3746e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7176e-01	1.0658e+00		
	1.0450e-03	4.3193e-01						
5.3401e-03	66	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1822e-01	-1.1135e-01	-
	6.0747e-02	-4.8517e-01						
3.3844e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.6083e-01	-3.0826e-01		-
	2.0864e-01	-1.4130e+00						
1.2260e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6693e-01	-1.1166e-01		-
	7.5577e-02	-5.1186e-01						

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1.9295e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.6756e-01	1.2433e+00	-
4.5052e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.8102e-02	1.0358e+00	-
1.1361e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.2578e-02	9.1259e-02	-
2.2020e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.4236e-01	1.7594e+00	-
1.1702e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.0670e-01	7.8990e-01	-
	1.5450e-03	4.3193e-01					
-----+							
-----+							
-----+							
Shell n.ro 20							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+							
4.1860e-03	34	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6172e-01	-2.6722e-01
2.6788e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.2529e-01	-7.7019e-01
9.7037e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.2650e-01	-2.7899e-01
2.1522e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.3642e-01	1.6771e+00
5.9993e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.2799e-01	1.5096e+00
1.2042e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.7418e-02	1.2302e-01
2.3375e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.3577e-01	2.3716e+00
1.2939e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.5062e-01	1.0660e+00
5.8630e-03	66	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2011e-01	-1.1399e-01
3.7523e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-4.7550e-01	-3.2441e-01
1.3592e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.7225e-01	-1.1751e-01
1.1902e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.0988e-01	1.2443e+00
2.5470e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.1932e-01	1.0451e+00
1.1316e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4596e-02	9.1281e-02
2.1707e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8173e-01	1.7598e+00
8.0670e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3151e-01	7.9047e-01
1.2867e-02	68	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2318e-02	-2.3939e-01
7.5698e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.1391e-01	-6.7555e-01
2.7421e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.7485e-02	-2.4471e-01
2.5360e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.3444e-01	1.2618e+00
6.5524e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.2638e-01	1.0773e+00
1.4172e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.7266e-02	9.3995e-02
2.7509e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.3284e-01	1.8115e+00
1.5211e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4934e-01	8.0536e-01
1.4544e-02	67	1	0.0000e+00	0.0000e+00	0.0000e+00	8.0274e-03	-8.6396e-02
	3.5125e-02	-3.7890e-03					

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8.6433e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.8363e-02	-2.2991e-01	-
3.1310e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.4764e-02	-8.3282e-02	-
8.0636e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	1.8495e-01	8.5198e-01	-
3.1000e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	1.8826e-01	6.4226e-01	-
9.1869e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	1.2850e-02	6.3854e-02	-
1.7572e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.4803e-01	1.2305e+00	-
5.8133e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.1584e-01	5.4427e-01	-
	1.1682e-02	4.2705e-01					
-----+-----							
+-----+-----							
-----+-----							
Shell n.ro 21							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+-----							
1.2395e-02	68	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.8704e-02	-2.3590e-01
7.3359e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3686e-01	-6.5440e-01	-
2.6573e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.9576e-02	-2.3705e-01	-
5.9522e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	2.7627e-01	1.2607e+00	-
4.4542e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.0088e-01	1.0733e+00	-
9.2672e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	2.0184e-02	9.4016e-02	-
1.7658e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.8916e-01	1.8119e+00	-
4.8694e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.7565e-01	8.0490e-01	-
1.4922e-02	67	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.1911e-04	-8.8830e-02
8.8570e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1335e-01	-2.4464e-01	-
3.2084e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.1060e-02	-8.8619e-02	-
2.2522e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.1395e-01	8.4721e-01	-
5.1404e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	1.4436e-02	6.2637e-01	-
1.3710e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	9.2385e-03	6.3695e-02	-
2.6550e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.7773e-01	1.2273e+00	-
1.3743e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.4115e-02	5.4165e-01	-
3.5160e-03	35	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1907e-01	-2.5317e-01
2.5074e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.6929e-01	-6.8382e-01	-
9.0827e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3377e-01	-2.4771e-01	-
1.1691e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.6600e-01	1.6113e+00	-
2.8287e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.9084e-01	1.1558e+00	-
1.2609e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.9422e-02	1.2232e-01	-
2.4137e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.7447e-01	2.3565e+00	-

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8.3098e-02		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.6909e-01	1.0330e+00		
	69	8.7300e-04	4.3218e-01	0.0000e+00	0.0000e+00	-9.9925e-02	-1.0542e-01	-	
6.0424e-03		7.1826e-02	-4.6734e-01	0.0000e+00	0.0000e+00	-3.4456e-01	-2.7125e-01	-	
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.2481e-01	-9.8257e-02	-	
4.0285e-02		2.7659e-01	-1.3045e+00	0.0000e+00	0.0000e+00	1.2187e-01	1.1796e+00	-	
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.9710e-03	7.0529e-01	-	
1.4593e-02		1.0019e-01	-4.7255e-01	0.0000e+00	0.0000e+00	9.9485e-03	9.0530e-02	-	
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.9137e-01	1.7436e+00	-	
1.6783e-01		-4.6370e-03	6.7836e-01	0.0000e+00	0.0000e+00	7.9409e-02	7.5791e-01	-	
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00				
3.5148e-01		-1.0523e-02	7.1464e-01	0.0000e+00	0.0000e+00				
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00				
1.0368e-02		-2.8900e-04	4.9898e-02	0.0000e+00	0.0000e+00				
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00				
2.0071e-01		-5.5940e-03	9.6191e-01	0.0000e+00	0.0000e+00				
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00				
1.0248e-01		2.8570e-03	4.3218e-01	0.0000e+00	0.0000e+00				
-----+									
-----+									
-----+									
Shell n.ro 22									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+									
	35	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4912e-01	-2.5492e-01	-	
1.9323e-03		4.5690e-01	-4.6843e-01	0.0000e+00	0.0000e+00	-5.3953e-01	-6.9384e-01	-	
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.9544e-01	-2.5134e-01	-	
1.5501e-02		1.4203e+00	-1.3107e+00	0.0000e+00	0.0000e+00	1.9572e-01	1.6118e+00	-	
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.9572e-01	1.6118e+00	-	
5.6153e-03		5.1449e-01	-4.7479e-01	0.0000e+00	0.0000e+00	1.9131e-01	1.1606e+00	-	
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.9131e-01	1.1606e+00	-	
1.9856e-01		-2.7285e-02	6.7462e-01	0.0000e+00	0.0000e+00	1.4560e-02	1.2227e-01	-	
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4560e-02	1.2227e-01	-	
4.4886e-01		-2.4092e-02	7.0817e-01	0.0000e+00	0.0000e+00	2.8061e-01	2.3556e+00	-	
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8061e-01	2.3556e+00	-	
1.1586e-02		-2.0070e-03	4.9661e-02	0.0000e+00	0.0000e+00	1.2503e-01	1.0331e+00	-	
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2503e-01	1.0331e+00	-	
2.2462e-01		-3.8697e-02	9.5733e-01	0.0000e+00	0.0000e+00				
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00				
1.1961e-01		1.7358e-02	4.2989e-01	0.0000e+00	0.0000e+00				
	69	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0333e-01	-1.1036e-01	-	
7.4984e-03		-1.8329e-02	-4.6843e-01	0.0000e+00	0.0000e+00	-3.7480e-01	-3.0133e-01	-	
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.3577e-01	-1.0915e-01	-	
4.9421e-02		5.2891e-02	-1.3107e+00	0.0000e+00	0.0000e+00	-1.3577e-01	-1.0915e-01	-	
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.0973e-01	1.1827e+00	-	
1.7902e-02		1.9159e-02	-4.7479e-01	0.0000e+00	0.0000e+00	2.0973e-01	1.1827e+00	-	
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.5611e-01	7.1015e-01	-	
1.4038e-01		-1.8437e-02	6.7462e-01	0.0000e+00	0.0000e+00	1.5611e-01	7.1015e-01	-	
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.5415e-02	9.0700e-02	-	
1.8980e-01		-1.8628e-02	7.0817e-01	0.0000e+00	0.0000e+00	1.5415e-02	9.0700e-02	-	
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.9717e-01	1.7469e+00	-	
1.3272e-02		-1.3420e-03	4.9661e-02	0.0000e+00	0.0000e+00	2.9717e-01	1.7469e+00	-	
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3293e-01	7.5972e-01	-	
2.5460e-01		-2.5884e-02	9.5733e-01	0.0000e+00	0.0000e+00	1.3293e-01	7.5972e-01	-	
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00				
9.5377e-02		1.1704e-02	4.2989e-01	0.0000e+00	0.0000e+00				
	71	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1392e-02	-2.2068e-01	-	
1.5604e-02		4.5690e-01	6.8010e-03	0.0000e+00	0.0000e+00	-7.6944e-02	-5.6086e-01	-	
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.7872e-02	-2.0317e-01	-	
8.6001e-02		1.4203e+00	5.6698e-02	0.0000e+00	0.0000e+00	-2.7872e-02	-2.0317e-01	-	
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.9131e-01	1.1922e+00	-	
3.1153e-02		5.1449e-01	2.0538e-02	0.0000e+00	0.0000e+00	1.9131e-01	1.1922e+00	-	
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.8716e-01	8.3782e-01	-	
2.7172e-01		-2.7285e-02	6.6577e-01	0.0000e+00	0.0000e+00	1.8716e-01	8.3782e-01	-	
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00				
4.8525e-01		-2.4092e-02	7.0270e-01	0.0000e+00	0.0000e+00				

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1.6831e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4230e-02	9.1514e-02	-
3.2581e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.7425e-01	1.7626e+00	-
1.6537e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2220e-01	7.6732e-01	-
2.1170e-02	70	1	0.0000e+00	0.0000e+00	0.0000e+00	3.3275e-02	-7.6478e-02
1.1992e-01	1	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.4123e-02	-1.6896e-01
4.3440e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.0473e-02	-6.1203e-02
6.7228e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.8554e-01	7.8291e-01
2.2619e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3354e-01	4.0577e-01
8.0256e-03	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3649e-02	6.1376e-02
1.5341e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.6313e-01	1.1816e+00
4.9722e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1758e-01	5.0646e-01
+-----+							
+-----+							
+-----+							
Shell n.ro 23							
+-----+							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
+-----+							
1.6941e-02	71	1	0.0000e+00	0.0000e+00	0.0000e+00	1.1986e-02	-2.0505e-01
9.1131e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.3992e-02	-4.6571e-01
3.3011e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.5936e-02	-1.6870e-01
6.2905e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.6771e-01	1.1848e+00
3.3735e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.2149e-01	8.2337e-01
9.8297e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.0434e-02	9.1148e-02
1.8729e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.9360e-01	1.7554e+00
5.2876e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.7223e-01	7.6308e-01
1.9777e-02	70	1	0.0000e+00	0.0000e+00	0.0000e+00	1.0423e-02	-9.2004e-02
1.1468e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.4324e-02	-2.6361e-01
4.1540e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.2434e-02	-9.5491e-02
2.6129e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.4107e-02	7.7334e-01
3.7047e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.0005e-02	3.8638e-01
1.8161e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.3127e-03	6.0915e-02
3.5055e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.3209e-02	1.1726e+00
1.6413e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.9301e-02	5.0103e-01
2.9780e-03	36	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2345e-02	-2.1672e-01
7.6987e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.9448e-02	-4.5297e-01
2.7888e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0667e-02	-1.6408e-01

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1.8997e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.5728e-01	1.5808e+00		
1.6854e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.1106e-01	8.6268e-01	-	
1.8438e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.9665e-02	1.2534e-01		
3.5354e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.7878e-01	2.4125e+00		
1.3141e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.6558e-01	1.0274e+00		
1.4249e-04	72	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.3350e-02	-1.0308e-01	
1.5846e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0732e-01	-2.4906e-01	-	
5.7401e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.8876e-02	-9.0219e-02	-	
1.3423e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	2.8641e-02	1.1544e+00	-	
2.0166e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-7.7646e-02	4.2295e-01	-	
9.5532e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	3.8033e-03	9.3853e-02	-	
1.8430e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	7.2600e-02	1.8055e+00	-	
8.5114e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.2553e-02	7.5547e-01		
-----+-----								
-----+-----								
-----+-----								
Shell n.ro 24								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+-----								
5.7742e-03	36	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2041e-01	-2.2176e-01	
3.7993e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9387e-01	-4.7663e-01		
1.3763e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0645e-01	-1.7265e-01		
1.9933e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.2892e-01	1.5956e+00	-	
2.5362e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	6.9315e-02	8.6356e-01	-	
1.4275e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.0369e-02	1.2657e-01	-	
2.7536e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.9952e-01	2.4361e+00	-	
1.2622e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.4237e-02	1.0371e+00		
2.4599e-03	72	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.3955e-02	-1.0978e-01	-
1.1500e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4011e-01	-2.8485e-01	-	
4.1656e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0755e-02	-1.0318e-01	-	
2.5003e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	3.4106e-01	1.1763e+00		
1.1776e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	1.0141e-01	4.2954e-01	-	
2.2740e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	2.8085e-02	9.5622e-02		
4.3654e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	5.4015e-01	1.8395e+00		
1.6915e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.2408e-01	7.6978e-01		
2.2522e-02	74	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2031e-02	-1.9191e-01	-

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9.2054e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.2321e-02	-4.1351e-01	-
7.4276e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.6197e-02	-1.4979e-01	-
3.3346e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	1.2631e-01	1.0492e+00	-
4.4035e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	6.8068e-02	6.9897e-01	-
3.5145e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	1.0158e-02	8.1559e-02	-
3.3729e-02	9	0.0000e+00	0.0000e+00	0.0000e+00	1.9546e-01	1.5704e+00	-
6.4965e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.2533e-02	6.7808e-01	-
2.8358e-01	73	1	0.0000e+00	0.0000e+00	3.3994e-02	-8.0679e-02	-
3.0756e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	8.0308e-02	-2.2303e-01	-
1.0735e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	2.9091e-02	-8.0789e-02	-
3.8888e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	3.2750e-01	6.4085e-01	-
9.0134e-03	7	0.0000e+00	0.0000e+00	0.0000e+00	9.7976e-02	2.6709e-01	-
2.1560e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	2.6964e-02	5.1517e-02	-
3.2866e-03	9	0.0000e+00	0.0000e+00	0.0000e+00	5.1859e-01	9.9127e-01	-
6.2247e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.1516e-01	4.1791e-01	-
1.2452e-02	1	0.0000e+00	0.0000e+00	0.0000e+00			-
-----+							
-----+							
-----+							
Shell n.ro 25							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+							
1.7528e-02	75	1	0.0000e+00	0.0000e+00	0.0000e+00	4.0921e-02	-3.9647e-02
3.4248e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	1.0735e-01	-8.9970e-02	-
1.2406e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	3.8887e-02	-3.2591e-02	-
1.3409e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.9548e-01	2.4942e-01	-
9.3481e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	4.4910e-02	4.3301e-01	-
1.2569e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.7330e-02	1.6215e-02	-
2.4115e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.3284e-01	3.1349e-01	-
9.1598e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3129e-01	1.5404e-01	-
5.3118e-03	37	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2885e-02	-1.9530e-01
4.0119e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.7707e-02	-4.4060e-01	-
1.4533e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.8149e-02	-1.5960e-01	-
3.4395e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.0687e-01	-6.8101e-02	-
2.7507e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-8.9281e-02	9.5970e-02	-
2.6459e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.6583e-02	-7.1231e-03	-
5.0958e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.1910e-01	-1.3642e-01	-

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2.2186e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3478e-01	4.8386e-02	
		76 1	1.2660e-02	3.2374e-01	0.0000e+00	-5.7412e-02	-7.3734e-02	
9.9725e-03		3	3.1169e-02	4.3816e-01	0.0000e+00	-1.1571e-01	-1.7088e-01	
6.2511e-02		2.6095e-02	9.4515e-01	0.0000e+00	0.0000e+00	-4.1914e-02	-6.1900e-02	
2.2644e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.0788e-01	-3.2128e-01	-
1.8199e-01		6	9.4530e-03	3.4237e-01	0.0000e+00	4.1528e-02	2.1524e-01	
1.4855e-01		7	-5.4770e-03	5.2199e-01	0.0000e+00	-1.8355e-02	-3.0367e-02	-
1.7458e-02		8	3.2130e-03	5.4747e-01	0.0000e+00	-3.5254e-01	-5.8256e-01	-
3.3483e-01		9	-5.0700e-04	3.8443e-02	0.0000e+00	1.3944e-01	2.2033e-01	
1.2537e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	-1.2186e-01	-2.2992e-01	
2.2189e-02		25 1	3.7230e-03	3.3268e-01	0.0000e+00	-3.0293e-01	-5.2175e-01	
9.2747e-02		3	-3.4660e-01	4.3816e-01	0.0000e+00	-1.0973e-01	-1.8900e-01	
3.3597e-02		4	-7.4274e-01	9.4515e-01	0.0000e+00	-2.1010e-01	-6.4801e-01	
2.9605e-01		6	-2.6905e-01	3.4237e-01	0.0000e+00	-1.6836e-02	-5.4479e-02	
3.3014e-01		7	-1.9503e-02	5.2199e-01	0.0000e+00	-9.1293e-02	-1.2322e-01	
2.1570e-02		8	-1.1837e-02	5.4747e-01	0.0000e+00	-3.2398e-01	-1.0473e+00	
4.1590e-01		9	-1.5360e-03	3.8443e-02	0.0000e+00	1.3687e-01	4.2854e-01	
1.8815e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00			
		1.2660e-02	3.3268e-01					
-----+-----								
-----+-----								
-----+-----								
Shell n.ro 26								
		Nodo cond	S11	S22	S12	M11	M22	M12
		T11 T22						
-----+-----								
		76 1	0.0000e+00	0.0000e+00	0.0000e+00	-5.3468e-02	-6.7458e-02	
1.5853e-02		3	-7.1449e-02	4.3675e-01	0.0000e+00	-6.5837e-02	-1.3810e-01	
6.9748e-02		4	-2.7388e-01	9.3928e-01	0.0000e+00	-2.3849e-02	-5.0027e-02	
2.5266e-02		6	-9.9209e-02	3.4025e-01	0.0000e+00	-6.1705e-02	-2.9504e-01	
2.2861e-01		7	1.5436e-02	5.2275e-01	0.0000e+00	1.7980e-01	2.4113e-01	
2.6085e-01		8	1.3117e-02	5.4794e-01	0.0000e+00	-7.3718e-03	-2.8408e-02	
1.6757e-02		9	1.1780e-03	3.8503e-02	0.0000e+00	-1.4091e-01	-5.4479e-01	
3.2306e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.5930e-02	2.0356e-01	
1.4566e-01		25 1	9.9400e-03	3.3317e-01	0.0000e+00	-6.2749e-02	-2.2359e-01	
1.6126e-02		3	3.0381e-01	4.3675e-01	0.0000e+00	-3.1970e-02	-4.9036e-01	
8.5163e-02		4	4.8131e-01	9.3928e-01	0.0000e+00	-1.1581e-02	-1.7763e-01	
3.0849e-02		6	1.7435e-01	3.4025e-01	0.0000e+00	-1.0058e-01	-6.2310e-01	-
1.1830e-01		7	2.8029e-02	5.2275e-01	0.0000e+00	2.7437e-02	-9.7712e-02	
2.1757e-01		8	2.8029e-02	5.2275e-01	0.0000e+00			
		9	2.3886e-02	5.4794e-01	0.0000e+00			

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		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.7927e-03	-5.2633e-02	-	
1.2966e-02	2.1410e-03	3.8503e-02							
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6891e-01	-1.0118e+00	-	
2.4815e-01	4.1239e-02	7.4223e-01							
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.7143e-02	4.1264e-01		
8.5477e-02	1.8062e-02	3.3317e-01							
	77	1	0.0000e+00	0.0000e+00	0.0000e+00	1.8922e-02	-5.3583e-02	-	
2.5642e-03	-7.1449e-02	6.1489e-02							
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2334e-03	-1.4456e-01	-	
1.7127e-02	-2.7388e-01	1.8410e-01							
		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4679e-04	-5.2365e-02	-	
6.2042e-03	-9.9209e-02	6.6688e-02							
		6	0.0000e+00	0.0000e+00	0.0000e+00	-4.3125e-02	1.1903e-01		
2.1143e-01	1.5436e-02	5.1016e-01							
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.9082e-01	2.9593e-01		
3.3090e-01	1.3117e-02	5.3717e-01							
		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.8927e-03	7.0309e-03		
1.4353e-02	1.1780e-03	3.7540e-02							
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.1244e-01	1.3627e-01		
2.7720e-01	2.2695e-02	7.2368e-01							
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.3888e-02	7.2250e-02		
1.3207e-01	9.9400e-03	3.2505e-01							
	41	1	0.0000e+00	0.0000e+00	0.0000e+00	1.0205e-02	-2.0911e-01	-	
2.2911e-03	3.0381e-01	6.1489e-02							
		3	0.0000e+00	0.0000e+00	0.0000e+00	3.3178e-02	-4.9500e-01	-	
1.7126e-03	4.8131e-01	1.8410e-01							
		4	0.0000e+00	0.0000e+00	0.0000e+00	1.2018e-02	-1.7931e-01	-	
6.2036e-04	1.7435e-01	6.6688e-02							
		6	0.0000e+00	0.0000e+00	0.0000e+00	-9.1969e-02	-1.9902e-01	-	
1.3549e-01	2.8029e-02	5.1016e-01							
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.9565e-02	-4.3990e-02		
2.8761e-01	2.3886e-02	5.3717e-01							
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.1956e-03	-1.6310e-02	-	
1.5370e-02	2.1410e-03	3.7540e-02							
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5739e-01	-3.1371e-01	-	
2.9401e-01	4.1239e-02	7.2368e-01							
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.1740e-02	1.3035e-01		
9.9189e-02	1.8062e-02	3.2505e-01							
+-----+ -----+ -----+ -----+ Shell n.ro 27 									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
+-----+ -----+ -----+ -----+ 									
	77	1	0.0000e+00	0.0000e+00	0.0000e+00	4.2709e-02	-3.9343e-02	-	
6.4061e-03	1.2740e-02	5.9050e-02							
		3	0.0000e+00	0.0000e+00	0.0000e+00	1.2287e-01	-5.7852e-02	-	
2.9888e-02	-8.7718e-02	1.6818e-01							
		4	0.0000e+00	0.0000e+00	0.0000e+00	4.4507e-02	-2.0956e-02	-	
1.0827e-02	-3.1775e-02	6.0923e-02							
		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.6938e-02	1.0745e-01	-	
1.3587e-01	4.1180e-03	5.1244e-01							
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.4032e-01	2.7787e-01		
2.0310e-01	1.3257e-02	5.3932e-01							
		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.3400e-03	6.4216e-03	-	
1.3572e-02	2.3500e-04	3.7725e-02							
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.0245e-01	1.2442e-01	-	
2.6012e-01	4.5530e-03	7.2723e-01							
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.7975e-02	6.5553e-02		
9.4416e-02	2.5080e-03	3.2656e-01							
	41	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1328e-02	-2.2290e-01	-	
1.4880e-03	-4.5677e-01	5.9050e-02							
		3	0.0000e+00	0.0000e+00	0.0000e+00	-7.6553e-02	-5.7884e-01	-	
1.0981e-02	-1.4193e+00	1.6818e-01							
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7730e-02	-2.0968e-01	-	
3.9778e-03	-5.1412e-01	6.0923e-02							

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		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.7540e-01	-2.0688e-01	
2.1565e-01	4.7270e-03	5.1244e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-5.4288e-02	-5.4801e-02	
4.1737e-01	7.6920e-03	5.3932e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.3841e-02	-1.6719e-02	
1.2857e-02	3.4000e-04	3.7725e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-2.6642e-01	-3.2167e-01	
2.4912e-01	6.5560e-03	7.2723e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.1339e-01	1.3486e-01	
1.3003e-01	3.0280e-03	3.2656e-01						
	78	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.5664e-02	-7.6309e-02	
8.4725e-03	1.2740e-02	5.2856e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4707e-01	-2.0030e-01	
5.0675e-02	-8.7718e-02	1.4997e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2572e-01	-7.2558e-02	
1.8357e-02	-3.1775e-02	5.4327e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.0191e-02	-3.0787e-01	-
9.5467e-02	4.1180e-03	5.1183e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.4045e-01	2.8448e-02	
3.0351e-01	1.3257e-02	5.4489e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.5845e-03	-2.4839e-02	-
1.0762e-02	2.3500e-04	3.7620e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.0717e-01	-4.7790e-01	-
2.0588e-01	4.5530e-03	7.2523e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.0021e-02	1.9947e-01	
6.8739e-02	2.5080e-03	3.2603e-01						
	26	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5071e-01	-2.6032e-01	
1.6366e-02	-4.5677e-01	5.2856e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.4928e-01	-7.2264e-01	
9.1544e-02	-1.4193e+00	1.4997e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9897e-01	-2.6177e-01	
3.3161e-02	-5.1412e-01	5.4327e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.6661e-01	-6.3424e-01	
2.5605e-01	4.7270e-03	5.1183e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-4.1316e-02	-3.1708e-01	
5.1777e-01	7.6920e-03	5.4489e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.3237e-02	-4.8827e-02	
1.5667e-02	3.4000e-04	3.7620e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-2.5476e-01	-9.4036e-01	
3.0337e-01	6.5560e-03	7.2523e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.0789e-01	4.0733e-01	
1.5585e-01	3.0280e-03	3.2603e-01						

| Shell n.ro 28

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	78	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.2246e-02	-7.2928e-02	
1.2432e-02	-7.7380e-02	5.2787e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1962e-01	-1.8010e-01	
6.8750e-02	-3.0996e-01	1.4960e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1578e-01	-6.5241e-02	
2.4904e-02	-1.1228e-01	5.4190e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.4082e-02	-3.0442e-01	
2.3476e-01	2.0500e-02	5.1026e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.4760e-01	3.2022e-02	
4.7983e-01	2.3173e-02	5.4447e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-6.9460e-03	-2.4584e-02	
1.4563e-02	1.4860e-03	3.7485e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.3327e-01	-4.7299e-01	
2.8188e-01	2.8658e-02	7.2264e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.9682e-02	1.9728e-01	
1.4346e-01	1.3012e-02	3.2499e-01						
	26	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1872e-01	-2.5662e-01	
1.2276e-02	3.9179e-01	5.2787e-01						

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		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.6702e-01	-7.0090e-01	
7.3054e-02		1.0192e+00	1.4960e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3295e-01	-2.5389e-01	
2.6463e-02		3.6921e-01	5.4190e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.0744e-01	-6.2863e-01	-
7.8213e-02		1.8483e-02	5.1026e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.0376e-02	-3.0688e-01	
3.3969e-01		2.1540e-02	5.4447e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.7719e-03	-4.8462e-02	-
9.9703e-03		1.3430e-03	3.7485e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6873e-01	-9.3329e-01	-
1.9042e-01		2.5897e-02	7.2264e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.9924e-02	4.0386e-01	
5.9100e-02		1.1736e-02	3.2499e-01					
	79	1	0.0000e+00	0.0000e+00	0.0000e+00	5.5907e-03	-5.3346e-02	
3.5625e-03		-7.7380e-02	5.8704e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-9.9097e-02	-1.4175e-01	
2.0662e-02		-3.0996e-01	1.6676e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-3.5897e-02	-5.1348e-02	
7.4846e-03		-1.1228e-01	6.0408e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.7479e-02	6.9242e-02	
2.1304e-01		2.0500e-02	5.1227e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.5940e-01	2.0519e-01	
5.2729e-01		2.3173e-02	5.4610e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.6751e-03	4.6517e-03	
1.2499e-02		1.4860e-03	3.7628e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.0879e-01	8.9861e-02	
2.4230e-01		2.8658e-02	7.2540e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.9031e-02	4.3863e-02	
1.2900e-01		1.3012e-02	3.2626e-01					
	44	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9885e-02	-2.3657e-01	
3.4059e-03		3.9179e-01	5.8704e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4387e-01	-6.6103e-01	
2.4966e-02		1.0192e+00	1.6676e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2115e-02	-2.3945e-01	
9.0438e-03		3.6921e-01	6.0408e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-9.9655e-02	-2.4616e-01	-
9.9934e-02		1.8483e-02	5.1227e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.6540e-02	-1.3808e-01	
3.8715e-01		2.1540e-02	5.4610e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.2732e-03	-1.8455e-02	-
1.2034e-02		1.3430e-03	3.7628e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5909e-01	-3.5561e-01	-
2.3001e-01		2.5897e-02	7.2540e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.5121e-02	1.5692e-01	
7.3618e-02		1.1736e-02	3.2626e-01					
+-----+ +-----+ +-----+								
Shell n.ro 29								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
+-----+ +-----+								
	79	1	0.0000e+00	0.0000e+00	0.0000e+00	1.3648e-02	-5.2312e-02	
1.8093e-03		3.1176e-02	5.8852e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.4829e-02	-1.3551e-01	
1.4432e-02		2.4775e-02	1.6743e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9861e-02	-4.9086e-02	
5.2279e-03		8.9740e-03	6.0651e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.3605e-02	6.3252e-02	-
1.1033e-01		3.2840e-03	5.1352e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	6.6141e-02	1.7790e-01	
3.2649e-01		1.3953e-02	5.4850e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.5933e-03	4.5070e-03	-
1.1777e-02		1.7600e-04	3.7721e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.8585e-02	8.6945e-02	-
2.2549e-01		3.4200e-03	7.2719e-01					

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	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.9485e-02	4.0677e-02	
7.7817e-02	1.9880e-03	3.2706e-01					
	44 1	0.0000e+00	0.0000e+00	0.0000e+00	-3.1792e-02	-2.3837e-01	
5.0444e-03	-4.4676e-01	5.8852e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1066e-01	-6.7178e-01	
3.0952e-02	-1.3575e+00	1.6743e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.6311e-02	-2.4334e-01	
1.1212e-02	-4.9176e-01	6.0651e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.5386e-01	-2.5223e-01	
2.2706e-01	2.2880e-03	5.1352e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.0371e-01	-1.5750e-01	
5.9044e-01	8.0280e-03	5.4850e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.1301e-02	-1.8699e-02	
1.2513e-02	1.5100e-04	3.7721e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.1787e-01	-3.6041e-01	
2.4300e-01	2.9250e-03	7.2719e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.7552e-02	1.6034e-01	
1.3579e-01	1.4510e-03	3.2706e-01					
	80 1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1581e-01	-8.1909e-02	
9.1170e-03	3.1176e-02	5.3678e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.7031e-01	-2.3774e-01	
5.6087e-02	2.4775e-02	1.5498e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.7036e-01	-8.6118e-02	
2.0317e-02	8.9740e-03	5.6138e-01					
	6	0.0000e+00	0.0000e+00	0.0000e+00	-6.7907e-02	-3.3529e-01	-
9.3642e-02	3.2840e-03	5.1452e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	6.3475e-02	-1.2797e-01	
4.0269e-01	1.3953e-02	5.5443e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.8876e-03	-2.4230e-02	-
1.0444e-02	1.7600e-04	3.7745e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-9.4267e-02	-4.6727e-01	-
1.9983e-01	3.4200e-03	7.2769e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.2152e-02	2.1115e-01	
6.6659e-02	1.9880e-03	3.2759e-01					
	27 1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6228e-01	-2.6843e-01	
1.2352e-02	-4.4676e-01	5.3678e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.2886e-01	-7.7560e-01	
7.2607e-02	-1.3575e+00	1.5498e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2780e-01	-2.8095e-01	
2.6301e-02	-4.9176e-01	5.6138e-01					
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.4607e-01	-6.6287e-01	
2.4375e-01	2.2880e-03	5.1452e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-8.7291e-02	-4.8247e-01	
6.6664e-01	8.0280e-03	5.5443e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.0802e-02	-4.8229e-02	
1.3847e-02	1.5100e-04	3.7745e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.0822e-01	-9.2997e-01	
2.6866e-01	2.9250e-03	7.2769e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.2737e-02	4.1964e-01	
1.4699e-01	1.4510e-03	3.2759e-01					
+-----+ +-----+ +-----+ +-----+							
	Shell n.ro 30						
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
+-----+ +-----+ +-----+							
	80 1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1352e-01	-8.0258e-02	
1.1248e-02	-6.3697e-02	5.3648e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.5471e-01	-2.2786e-01	
6.6460e-02	-2.2596e-01	1.5480e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6471e-01	-8.2539e-02	
2.4074e-02	-8.1851e-02	5.6076e-01					
	6	0.0000e+00	0.0000e+00	0.0000e+00	-7.7939e-02	-3.3445e-01	
2.3238e-01	1.9010e-02	5.1381e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	5.9518e-02	-1.3026e-01	
6.0916e-01	2.5995e-02	5.5501e-01					

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		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.6420e-03	-2.4141e-02		
1.3294e-02		1.3230e-03	3.7684e-02		0.0000e+00	-1.0880e-01	-4.6558e-01		
		9	0.0000e+00	0.0000e+00	0.0000e+00	4.8564e-02	2.1056e-01		
2.5788e-01		2.5540e-02	7.2651e-01		0.0000e+00	-1.4346e-01	-2.6586e-01		
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	-5.1793e-01	-7.6018e-01		
1.4028e-01		1.1949e-02	3.2713e-01		0.0000e+00	-1.1934e-01	-6.6036e-01		
	27	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.1280e-02	-4.7577e-01		
1.0109e-02		4.1643e-01	5.3648e-01		0.0000e+00	-8.8531e-03	-4.8079e-02		
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7063e-01	-9.2705e-01		
6.1867e-02		1.1698e+00	1.5480e+00		0.0000e+00	7.5748e-02	4.1812e-01		
		4	0.0000e+00	0.0000e+00	0.0000e+00	-3.7607e-03	-5.7055e-02		
2.2411e-02		4.2374e-01	5.6076e-01		0.0000e+00	-1.6117e-01	-1.6395e-01		
		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.8382e-02	-5.9390e-02		
8.6323e-02		1.8660e-02	5.1381e-01		0.0000e+00	-6.1752e-02	4.6008e-02		
		7	0.0000e+00	0.0000e+00	0.0000e+00	7.1223e-02	5.7722e-02		
4.5759e-01		2.1347e-02	5.5501e-01		0.0000e+00	-4.4499e-03	3.8399e-03		
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.5823e-02	7.3831e-02		
1.0186e-02		1.3220e-03	3.7684e-02		0.0000e+00	3.8276e-02	3.0818e-02		
		9	0.0000e+00	0.0000e+00	0.0000e+00	-3.2572e-02	-2.4228e-01		
1.9474e-01		2.5508e-02	7.2651e-01		0.0000e+00	-2.2110e-01	-6.9522e-01		
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	-8.0091e-02	-2.5184e-01		
6.2606e-02		1.1767e-02	3.2713e-01		0.0000e+00	-1.1196e-01	-2.7110e-01		
	81	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3372e-02	-2.9401e-01		
4.8881e-03		-6.3697e-02	5.6349e-02		0.0000e+00	-8.3906e-03	-1.9368e-02		
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6168e-01	-3.7361e-01		
2.9326e-02		-2.2596e-01	1.5230e-01		0.0000e+00	7.1204e-02	1.7100e-01		
		4	0.0000e+00	0.0000e+00	0.0000e+00				
1.0623e-02		-8.1851e-02	5.5169e-02		0.0000e+00				
		6	0.0000e+00	0.0000e+00	0.0000e+00				
2.1708e-01		1.9010e-02	5.1416e-01		0.0000e+00				
		7	0.0000e+00	0.0000e+00	0.0000e+00				
6.4925e-01		2.5995e-02	5.5965e-01		0.0000e+00				
		8	0.0000e+00	0.0000e+00	0.0000e+00				
1.2353e-02		1.3230e-03	3.7686e-02		0.0000e+00				
		9	0.0000e+00	0.0000e+00	0.0000e+00				
2.3967e-01		2.5540e-02	7.2655e-01		0.0000e+00				
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00				
1.3129e-01		1.1949e-02	3.2731e-01		0.0000e+00				
	47	1	0.0000e+00	0.0000e+00	0.0000e+00				
3.7489e-03		4.1643e-01	5.6349e-02		0.0000e+00				
		3	0.0000e+00	0.0000e+00	0.0000e+00				
2.4733e-02		1.1698e+00	1.5230e-01		0.0000e+00				
		4	0.0000e+00	0.0000e+00	0.0000e+00				
8.9591e-03		4.2374e-01	5.5169e-02		0.0000e+00				
		6	0.0000e+00	0.0000e+00	0.0000e+00				
1.0163e-01		1.8660e-02	5.1416e-01		0.0000e+00				
		7	0.0000e+00	0.0000e+00	0.0000e+00				
4.9768e-01		2.1347e-02	5.5965e-01		0.0000e+00				
		8	0.0000e+00	0.0000e+00	0.0000e+00				
1.1127e-02		1.3220e-03	3.7686e-02		0.0000e+00				
		9	0.0000e+00	0.0000e+00	0.0000e+00				
2.1296e-01		2.5508e-02	7.2655e-01		0.0000e+00				
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00				
7.1538e-02		1.1767e-02	3.2731e-01		0.0000e+00				
+-----+ +-----+ +-----+									
	Shell n.ro 31								
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
+-----+ +-----+									
	81	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.8675e-04	-5.8124e-02		
3.6357e-03		4.3408e-02	5.6793e-02		0.0000e+00	-1.4259e-01	-1.7048e-01		
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.1653e-02	-6.1756e-02		
2.4030e-02		9.9674e-02	1.5494e-01		0.0000e+00				
		4	0.0000e+00	0.0000e+00	0.0000e+00				
8.7047e-03		3.6106e-02	5.6124e-02		0.0000e+00				

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		3	0.0000e+00	0.0000e+00	0.0000e+00	-4.9708e-01	-2.4313e-01	
5.0547e-02		-1.7460e-01	1.5236e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8006e-01	-8.8070e-02	
1.8310e-02		-6.3248e-02	5.5190e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-8.1829e-02	-3.5693e-01	
2.2257e-01		1.6518e-02	5.1655e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.5401e-01	-6.8366e-01	
7.4243e-01		2.9310e-02	5.6715e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.8222e-03	-2.4229e-02	
1.2691e-02		1.1240e-03	3.7823e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-9.3467e-02	-4.6793e-01	
2.4620e-01		2.1704e-02	7.2920e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.9350e-02	2.2266e-01	
1.3501e-01		1.0342e-02	3.2876e-01					
	28	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5159e-01	-2.6665e-01	
7.2759e-03		4.2175e-01	5.3252e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.6842e-01	-7.6596e-01	
4.4979e-02		1.2024e+00	1.5236e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.0591e-01	-2.7746e-01	
1.6293e-02		4.3555e-01	5.5190e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2478e-01	-6.8439e-01	-
1.0521e-01		1.7473e-02	5.1655e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.0412e-01	-1.0417e+00	
2.6100e-01		2.6935e-02	5.6715e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.5899e-03	-4.8215e-02	-
1.0585e-02		1.2300e-03	3.7823e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6584e-01	-9.3038e-01	-
2.0284e-01		2.3731e-02	7.2920e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.8117e-02	4.3108e-01	
7.2092e-02		1.1017e-02	3.2876e-01					
	83	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.0482e-03	-5.8527e-02	
3.6267e-03		-5.5351e-02	5.5419e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7732e-01	-1.7275e-01	
2.1716e-02		-1.7460e-01	1.4660e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.4231e-02	-6.2577e-02	
7.8664e-03		-6.3248e-02	5.3105e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.6550e-02	3.3946e-02	
2.0854e-01		1.6518e-02	5.1560e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.3385e-01	-1.0490e-01	
6.4389e-01		2.9310e-02	5.6952e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.7250e-03	3.4922e-03	
1.2202e-02		1.1240e-03	3.7717e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.2305e-02	6.6900e-02	
2.3655e-01		2.1704e-02	7.2718e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.9693e-02	2.3810e-02	
1.2729e-01		1.0342e-02	3.2809e-01					
	50	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.6428e-02	-2.4224e-01	
2.4840e-03		4.2175e-01	5.5419e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4530e-01	-6.9465e-01	
1.6148e-02		1.2024e+00	1.4660e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.8857e-02	-2.5163e-01	
5.8494e-03		4.3555e-01	5.3105e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.1880e-01	-2.8422e-01	-
1.1923e-01		1.7473e-02	5.1560e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.8910e-01	-4.5784e-01	
1.6246e-01		2.6935e-02	5.6952e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.2148e-03	-1.9772e-02	-
1.1074e-02		1.2300e-03	3.7717e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5858e-01	-3.8164e-01	-
2.1250e-01		2.3731e-02	7.2718e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.4421e-02	1.7872e-01	
7.9694e-02		1.1017e-02	3.2809e-01					

Shell n.ro 33

Nodo	cond	S11	S22	S12	M11	M22	M12
T11	T22						

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	83	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2726e-03	-5.9122e-02		
2.5473e-03		4.8500e-02	5.5664e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6693e-01	-1.7637e-01		
1.6754e-02		1.3110e-01	1.4807e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.0468e-02	-6.3889e-02		
6.0688e-03		4.7488e-02	5.3637e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.4124e-02	3.1164e-02		-
1.2323e-01		-1.5710e-03	5.1594e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.0795e-01	-1.2683e-01		
1.2929e-01		9.7700e-04	5.7150e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.6857e-03	3.4360e-03		-
1.1046e-02		-1.3600e-04	3.7733e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.1800e-02	6.5754e-02		-
2.1211e-01		-2.6150e-03	7.2750e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.4084e-02	2.2252e-02		
8.1987e-02		1.0400e-03	3.2829e-01						
	50	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2450e-02	-2.4249e-01		
3.4185e-03		-4.2715e-01	5.5664e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8128e-01	-6.9615e-01		
2.0729e-02		-1.2370e+00	1.4807e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0189e-01	-2.5217e-01		
7.5089e-03		-4.4808e-01	5.3637e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.3623e-01	-2.8644e-01		
2.1616e-01		-3.7560e-03	5.1594e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.9767e-01	-4.7244e-01		
6.8242e-01		-1.9650e-03	5.7150e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.8592e-03	-1.9837e-02		
1.2429e-02		-2.9000e-04	3.7733e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.7128e-01	-3.8293e-01		
2.4108e-01		-5.5770e-03	7.2750e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.4643e-02	1.8003e-01		
1.3198e-01		2.4250e-03	3.2829e-01						
	84	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2217e-01	-8.3594e-02		
4.2671e-03		4.8500e-02	5.3131e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.1139e-01	-2.4946e-01		
2.6643e-02		1.3110e-01	1.5161e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8525e-01	-9.0363e-02		
9.6511e-03		4.7488e-02	5.4921e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-8.1602e-02	-3.7068e-01		-
1.3011e-01		-1.5710e-03	5.1813e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.2105e-01	-7.7796e-01		
5.0463e-02		9.7700e-04	5.7445e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.1965e-03	-2.4388e-02		-
1.0984e-02		-1.3600e-04	3.7887e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.1663e-02	-4.7137e-01		-
2.1114e-01		-2.6150e-03	7.3046e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.8778e-02	2.3095e-01		
8.5289e-02		1.0400e-03	3.2967e-01						
	29	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6141e-01	-2.6739e-01		
5.1382e-03		-4.2715e-01	5.3131e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-6.2856e-01	-7.7068e-01		
3.0619e-02		-1.2370e+00	1.5161e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2769e-01	-2.7917e-01		
1.1091e-02		-4.4808e-01	5.4921e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.3208e-01	-6.9991e-01		
2.0927e-01		-3.7560e-03	5.1813e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.8518e-01	-1.1492e+00		
6.0359e-01		-1.9650e-03	5.7445e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.6147e-03	-4.8417e-02		
1.2492e-02		-2.9000e-04	3.7887e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6654e-01	-9.3467e-01		
2.4204e-01		-5.5770e-03	7.3046e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.2107e-02	4.4032e-01		
1.2857e-01		2.4250e-03	3.2967e-01						
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+									
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+									
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+									

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Shell n.ro 34											
Nodo	cond	S11	S22	S12	M11	M22	M12				
T11	T22										
84	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2125e-01	-8.2939e-02					
5.1347e-03	-5.2107e-02	5.3119e-01									
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0564e-01	-2.4549e-01					
3.0853e-02	-1.5439e-01	1.5154e+00									
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8316e-01	-8.8925e-02					
1.1176e-02	-5.5925e-02	5.4895e-01									
	6	0.0000e+00	0.0000e+00	0.0000e+00	-8.3594e-02	-3.7067e-01					
2.0489e-01	1.3197e-02	5.1804e-01									
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.3491e-01	-7.8030e-01					
5.9039e-01	2.4570e-02	5.7445e-01									
	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.2997e-03	-2.4373e-02					
1.2256e-02	8.9100e-04	3.7878e-02									
	9	0.0000e+00	0.0000e+00	0.0000e+00	-8.3671e-02	-4.7108e-01					
2.3746e-01	1.7217e-02	7.3029e-01									
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.9971e-02	2.3092e-01					
1.2579e-01	8.2650e-03	3.2961e-01									
	29	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5466e-01	-2.6651e-01				
4.1680e-03	4.2389e-01	5.3119e-01									
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.8795e-01	-7.6538e-01					
2.6076e-02	1.2158e+00	1.5154e+00									
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1298e-01	-2.7725e-01					
9.4457e-03	4.4042e-01	5.4895e-01									
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2654e-01	-6.9921e-01	-				
1.2991e-01	1.4694e-02	5.1804e-01									
	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.6769e-01	-1.1461e+00					
5.6667e-02	2.1656e-02	5.7445e-01									
	8	0.0000e+00	0.0000e+00	0.0000e+00	-8.2772e-03	-4.8385e-02	-				
1.1036e-02	1.0360e-03	3.7878e-02									
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6000e-01	-9.3404e-01	-				
2.1212e-01	1.9982e-02	7.3029e-01									
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.8734e-02	4.3991e-01					
8.5151e-02	9.2800e-03	3.2961e-01									
	85	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5392e-03	-5.8745e-02				
2.0003e-03	-5.2107e-02	5.5193e-02									
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7530e-01	-1.7400e-01					
1.1699e-02	-1.5439e-01	1.4522e-01									
	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.3499e-02	-6.3030e-02					
4.2378e-03	-5.5925e-02	5.2603e-02									
	6	0.0000e+00	0.0000e+00	0.0000e+00	-6.9903e-02	2.7932e-02					
1.9100e-01	1.3197e-02	5.1654e-01									
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1490e-01	-1.4239e-01					
4.7909e-01	2.4570e-02	5.7736e-01									
	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.3335e-03	3.3383e-03					
1.1940e-02	8.9100e-04	3.7734e-02									
	9	0.0000e+00	0.0000e+00	0.0000e+00	-6.5028e-02	6.3811e-02					
2.3108e-01	1.7217e-02	7.2753e-01									
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.1349e-02	2.0189e-02					
1.1818e-01	8.2650e-03	3.2860e-01									
	53	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.7818e-02	-2.4197e-01				
1.0337e-03	4.2389e-01	5.5193e-02									
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5435e-01	-6.9287e-01					
6.9221e-03	1.2158e+00	1.4522e-01									
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.2136e-02	-2.5099e-01					
2.5075e-03	4.4042e-01	5.2603e-02									
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2279e-01	-2.9067e-01	-				
1.4380e-01	1.4694e-02	5.1654e-01									
	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.5878e-01	-4.9709e-01	-				
5.4630e-02	2.1656e-02	5.7736e-01									
	8	0.0000e+00	0.0000e+00	0.0000e+00	-8.0381e-03	-1.9946e-02	-				
1.1352e-02	1.0360e-03	3.7734e-02									
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5538e-01	-3.8512e-01	-				
2.1850e-01	1.9982e-02	7.2753e-01									
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.6402e-02	1.8272e-01					
9.2660e-02	9.2800e-03	3.2860e-01									

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Shell n.ro 35									
	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
-----+-----									
	85	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.7018e-03	-5.8973e-02		
1.0140e-03		5.0323e-02	5.5295e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7032e-01	-1.7538e-01		
7.0662e-03		1.4263e-01	1.4583e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.1698e-02	-6.3531e-02		
2.5597e-03		5.1667e-02	5.2825e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.3771e-02	2.6591e-02		-
1.4471e-01		-5.3170e-03	5.1669e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.4909e-01	-1.5272e-01		-
6.8667e-02		-7.4770e-03	5.7834e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.3452e-03	3.3117e-03		-
1.1281e-02		-3.7600e-04	3.7740e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-6.5369e-02	6.3268e-02		-
2.1719e-01		-7.2550e-03	7.2765e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3784e-02	1.9436e-02		
9.3243e-02		3.3660e-03	3.2868e-01						
	53	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.0917e-02	-2.4219e-01		
1.8731e-03		-4.2554e-01	5.5295e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7300e-01	-6.9422e-01		
1.1165e-02		-1.2267e+00	1.4583e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.8890e-02	-2.5148e-01		
4.0444e-03		-4.4436e-01	5.2825e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.3068e-01	-2.9168e-01		
1.9556e-01		-7.4070e-03	5.1669e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1047e-01	-5.0393e-01		
4.9884e-01		-8.1930e-03	5.7834e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.2966e-03	-1.9974e-02		
1.2124e-02		-5.4000e-04	3.7740e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6050e-01	-3.8567e-01		
2.3467e-01		-1.0403e-02	7.2765e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.1069e-02	1.8333e-01		
1.2110e-01		4.7160e-03	3.2868e-01						
	86	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2151e-01	-8.3228e-02		
1.1367e-03		5.0323e-02	5.3115e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0789e-01	-2.4733e-01		
7.4530e-03		1.4263e-01	1.5152e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8398e-01	-8.9591e-02		
2.6998e-03		5.1667e-02	5.4885e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-8.3329e-02	-3.7701e-01		-
1.5580e-01		-5.3170e-03	5.1878e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.6477e-01	-8.2404e-01		-
1.7003e-01		-7.4770e-03	5.7906e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.0042e-03	-2.4462e-02		-
1.1400e-02		-3.7600e-04	3.7904e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.8092e-02	-4.7296e-01		-
2.1979e-01		-7.2550e-03	7.3080e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.9787e-02	2.3501e-01		
9.9188e-02		3.3660e-03	3.3003e-01						
	30	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5881e-01	-2.6685e-01		
1.9959e-03		-4.2554e-01	5.3115e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-6.1353e-01	-7.6747e-01		
1.1552e-02		-1.2267e+00	1.5152e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2225e-01	-2.7801e-01		
4.1845e-03		-4.4436e-01	5.4885e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2908e-01	-7.0645e-01		
1.8447e-01		-7.4070e-03	5.1878e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.0460e-01	-1.1968e+00		
3.9748e-01		-8.1930e-03	5.7906e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.2103e-03	-4.8494e-02		
1.2004e-02		-5.4000e-04	3.7904e-02						

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2.3207e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5882e-01	-9.3631e-01		
	-1.0403e-02	7.3080e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.0101e-02	4.4448e-01		
1.1509e-01	4.7160e-03	3.3003e-01						
+-----+								
+-----+								
+-----+								
Shell n.ro 36								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
+-----+								
	86	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2122e-01	-8.3007e-02	
1.9563e-03	-5.1032e-02	5.3111e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0606e-01	-2.4598e-01		
1.1489e-02	-1.4739e-01	1.5149e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8332e-01	-8.9105e-02		
4.1618e-03	-5.3392e-02	5.4876e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-8.3880e-02	-3.7702e-01		
1.8168e-01	9.3310e-03	5.1876e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.6842e-01	-8.2471e-01		
3.9116e-01	1.6526e-02	5.7908e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.0297e-03	-2.4458e-02		
1.1833e-02	6.3500e-04	3.7901e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.8590e-02	-4.7289e-01		
2.2876e-01	1.2270e-02	7.3076e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	5.0114e-02	2.3501e-01		
1.1332e-01	5.8600e-03	3.3002e-01						
	30	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5660e-01	-2.6657e-01	
1.0743e-03	4.2489e-01	5.3111e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.0017e-01	-7.6578e-01		
7.1836e-03	1.2223e+00	1.5149e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1740e-01	-2.7739e-01		
2.6022e-03	4.4277e-01	5.4876e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2746e-01	-7.0623e-01	-	
1.5722e-01	1.1181e-02	5.1876e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.9861e-01	-1.1957e+00	-	
1.7098e-01	1.5190e-02	5.7908e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	-8.1178e-03	-4.8484e-02	-	
1.1516e-02	7.9600e-04	3.7901e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5702e-01	-9.3613e-01	-	
2.2203e-01	1.5350e-02	7.3076e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.9124e-02	4.4435e-01		
1.0006e-01	7.0790e-03	3.3002e-01						
	87	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.8439e-03	-5.8796e-02	
4.7783e-04	-5.1032e-02	5.5189e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7142e-01	-1.7429e-01		
2.2506e-03	-1.4739e-01	1.4519e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.2097e-02	-6.3134e-02		
8.1524e-04	-5.3392e-02	5.2595e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-7.2176e-02	2.5716e-02		
1.6853e-01	9.3310e-03	5.1691e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.5018e-01	-1.5637e-01		
2.7961e-01	1.6526e-02	5.8041e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.2143e-03	3.2866e-03		
1.1611e-02	6.3500e-04	3.7741e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	-6.2851e-02	6.2767e-02		
2.2417e-01	1.2270e-02	7.2768e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.2759e-02	1.8860e-02		
1.0610e-01	5.8600e-03	3.2880e-01						
	56	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.9116e-02	-2.4198e-01	-
4.0418e-04	4.2489e-01	5.5189e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6242e-01	-6.9293e-01	-	
2.0548e-03	1.2223e+00	1.4519e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.5057e-02	-2.5101e-01	-	
7.4434e-04	4.4277e-01	5.2595e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2634e-01	-2.9291e-01	-	
1.7037e-01	1.1181e-02	5.1691e-01						

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2.8252e-01		7		0.0000e+00		0.0000e+00		0.0000e+00		-2.9702e-01		-5.1070e-01		-		
		1.5190e-02		5.8041e-01												
1.1738e-02		8		0.0000e+00		0.0000e+00		0.0000e+00		-8.0381e-03		-2.0003e-02		-		
		7.9600e-04		3.7741e-02												
2.2662e-01		9		0.0000e+00		0.0000e+00		0.0000e+00		-1.5549e-01		-3.8627e-01		-		
		1.5350e-02		7.2768e-01												
1.0725e-01		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		7.8413e-02		1.8414e-01		-		
		7.0790e-03		3.2880e-01												
+-----+																
+-----+																
+-----+																
Shell n.ro 37																
		Nodo		cond		S11		S22		S12		M11		M22		M12
		T11		T22												
+-----+																
		87		1		0.0000e+00		0.0000e+00		0.0000e+00		-4.8439e-03		-5.8796e-02		-
4.7783e-04		5.1032e-02		5.5189e-02												
		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.7142e-01		-1.7429e-01		-
2.2506e-03		1.4739e-01		1.4519e-01												
		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-6.2097e-02		-6.3134e-02		-
8.1524e-04		5.3392e-02		5.2595e-02												
		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-7.2176e-02		2.5716e-02		-
1.6853e-01		-9.3310e-03		5.1691e-01												
		7		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-3.5018e-01		-1.5637e-01		-
2.7961e-01		-1.6526e-02		5.8041e-01												
		8		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-3.2143e-03		3.2866e-03		-
1.1611e-02		-6.3500e-04		3.7741e-02												
		9		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-6.2851e-02		6.2767e-02		-
2.2417e-01		-1.2270e-02		7.2768e-01												
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		4.2758e-02		1.8860e-02		-
1.0610e-01		5.8610e-03		3.2880e-01												
		56		1		0.0000e+00		0.0000e+00		0.0000e+00		-3.9116e-02		-2.4198e-01		-
4.0418e-04		-4.2489e-01		5.5189e-02												
		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-2.6242e-01		-6.9293e-01		-
2.0548e-03		-1.2223e+00		1.4519e-01												
		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-9.5057e-02		-2.5101e-01		-
7.4434e-04		-4.4277e-01		5.2595e-02												
		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.2634e-01		-2.9291e-01		-
1.7037e-01		-1.1181e-02		5.1691e-01												
		7		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-2.9702e-01		-5.1070e-01		-
2.8252e-01		-1.5190e-02		5.8041e-01												
		8		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-8.0381e-03		-2.0003e-02		-
1.1738e-02		-7.9600e-04		3.7741e-02												
		9		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.5549e-01		-3.8627e-01		-
2.2662e-01		-1.5350e-02		7.2768e-01												
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		7.8416e-02		1.8414e-01		-
1.0726e-01		7.0830e-03		3.2880e-01												
		88		1		0.0000e+00		0.0000e+00		0.0000e+00		-1.2122e-01		-8.3007e-02		-
1.9563e-03		5.1032e-02		5.3111e-01												
		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-5.0606e-01		-2.4598e-01		-
1.1489e-02		1.4739e-01		1.5149e+00												
		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.8332e-01		-8.9105e-02		-
4.1618e-03		5.3392e-02		5.4876e-01												
		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-8.3880e-02		-3.7702e-01		-
1.8168e-01		-9.3310e-03		5.1876e-01												
		7		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-3.6842e-01		-8.2471e-01		-
3.9116e-01		-1.6526e-02		5.7908e-01												
		8		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-4.0297e-03		-2.4458e-02		-
1.1833e-02		-6.3500e-04		3.7901e-02												
		9		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-7.8590e-02		-4.7289e-01		-
2.2876e-01		-1.2270e-02		7.3076e-01												
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		5.0115e-02		2.3501e-01		-
1.1331e-01		5.8610e-03		3.3002e-01												
		31		1		0.0000e+00		0.0000e+00		0.0000e+00		-1.5660e-01		-2.6657e-01		-
1.0743e-03		-4.2489e-01		5.3111e-01												
		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-6.0017e-01		-7.6578e-01		-
7.1836e-03		-1.2223e+00		1.5149e+00												

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2.6022e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1740e-01	-2.7739e-01	-
1.5722e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2746e-01	-7.0623e-01	-
1.7098e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.9861e-01	-1.1957e+00	-
1.1516e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-8.1178e-03	-4.8484e-02	-
2.2203e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5702e-01	-9.3613e-01	-
1.0007e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.9129e-02	4.4435e-01	-
	7.0830e-03	3.3002e-01					
-----+							
-----+							
-----+							
Shell n.ro 38							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+							
1.1367e-03	88	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2151e-01	-8.3228e-02
7.4530e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.0789e-01	-2.4733e-01
2.6998e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.8398e-01	-8.9591e-02
1.5580e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-8.3329e-02	-3.7701e-01
1.7003e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.6477e-01	-8.2404e-01
1.1400e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-4.0042e-03	-2.4462e-02
2.1979e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.8092e-02	-4.7296e-01
9.9199e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.9785e-02	2.3501e-01
1.9959e-03	31	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5881e-01	-2.6685e-01
1.1552e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.1353e-01	-7.6747e-01
4.1845e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.2225e-01	-2.7801e-01
1.8447e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.2908e-01	-7.0645e-01
3.9748e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.0460e-01	-1.1968e+00
1.2004e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-8.2103e-03	-4.8494e-02
2.3207e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.5882e-01	-9.3631e-01
1.1509e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.0096e-02	4.4448e-01
1.0140e-03	89	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.7018e-03	-5.8973e-02
7.0662e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.7032e-01	-1.7538e-01
2.5597e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.1698e-02	-6.3531e-02
1.4471e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.3771e-02	2.6591e-02
6.8667e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.4909e-01	-1.5272e-01
1.1281e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.3452e-03	3.3117e-03
2.1719e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.5369e-02	6.3268e-02
9.3252e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.3781e-02	1.9443e-02
	4.7180e-03	3.3004e-01					
	3.3660e-03	3.2868e-01					

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1.8731e-03	59	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.0917e-02	-2.4219e-01	-	
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7300e-01	-6.9422e-01	-	
1.1165e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.8890e-02	-2.5148e-01	-	
4.0444e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.3068e-01	-2.9168e-01	-	
1.9556e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1047e-01	-5.0393e-01	-	
4.9884e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.2966e-03	-1.9974e-02	-	
1.2124e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6050e-01	-3.8567e-01	-	
2.3467e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.1064e-02	1.8332e-01	-	
1.2109e-01		4.7180e-03	3.2868e-01						
-----+									
-----+									
-----+									
Shell n.ro 39									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+									
	89	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5392e-03	-5.8745e-02	-	
2.0003e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7530e-01	-1.7400e-01	-	
1.1699e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.3499e-02	-6.3030e-02	-	
4.2378e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.9903e-02	2.7932e-02	-	
1.9100e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1490e-01	-1.4239e-01	-	
4.7909e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.3335e-03	3.3383e-03	-	
1.1940e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-6.5028e-02	6.3811e-02	-	
2.3108e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.1337e-02	2.0196e-02	-	
1.1817e-01		8.2640e-03	3.2860e-01						
	59	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.7818e-02	-2.4197e-01	-	
1.0337e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5435e-01	-6.9287e-01	-	
6.9221e-03		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.2136e-02	-2.5099e-01	-	
2.5075e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2279e-01	-2.9067e-01	-	
1.4380e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.5878e-01	-4.9709e-01	-	
5.4630e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.0381e-03	-1.9946e-02	-	
1.1352e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5538e-01	-3.8512e-01	-	
2.1850e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.6394e-02	1.8271e-01	-	
9.2662e-02		9.2790e-03	3.2860e-01						
	90	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2125e-01	-8.2939e-02	-	
5.1347e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0564e-01	-2.4549e-01	-	
3.0853e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8316e-01	-8.8925e-02	-	
1.1176e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-8.3594e-02	-3.7067e-01	-	
2.0489e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.3491e-01	-7.8030e-01	-	
5.9039e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.2997e-03	-2.4373e-02	-	
1.2256e-02		8.9100e-04	3.7878e-02						

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		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.3671e-02	-4.7108e-01	-	
2.3746e-01	-1.7217e-02		7.3029e-01						
	Dyn Y		0.0000e+00	0.0000e+00	0.0000e+00	4.9959e-02	2.3091e-01		
1.2577e-01	8.2640e-03		3.2961e-01						
	32	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5466e-01	-2.6651e-01	-	
4.1680e-03	-4.2389e-01		5.3119e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.8795e-01	-7.6538e-01	-	
2.6076e-02	-1.2158e+00		1.5154e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1298e-01	-2.7725e-01	-	
9.4457e-03	-4.4042e-01		5.4895e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2654e-01	-6.9921e-01	-	
1.2991e-01	-1.4694e-02		5.1804e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.6769e-01	-1.1461e+00	-	
5.6667e-02	-2.1656e-02		5.7445e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.2772e-03	-4.8385e-02	-	
1.1036e-02	-1.0360e-03		3.7878e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6000e-01	-9.3404e-01	-	
2.1212e-01	-1.9982e-02		7.3029e-01						
	Dyn Y		0.0000e+00	0.0000e+00	0.0000e+00	7.8725e-02	4.3989e-01	-	
8.5156e-02	9.2790e-03		3.2961e-01						
-----+									
-----+									
-----+									
Shell n.ro 40									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+									
		90	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2217e-01	-8.3594e-02	-
4.2671e-03	-4.8500e-02		5.3131e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.1139e-01	-2.4946e-01	-	
2.6643e-02	-1.3110e-01		1.5161e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8525e-01	-9.0363e-02	-	
9.6511e-03	-4.7488e-02		5.4921e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-8.1602e-02	-3.7068e-01	-	
1.3011e-01	1.5710e-03		5.1813e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.2105e-01	-7.7796e-01	-	
5.0463e-02	-9.7700e-04		5.7445e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.1965e-03	-2.4388e-02	-	
1.0984e-02	1.3600e-04		3.7887e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.1663e-02	-4.7137e-01	-	
2.1114e-01	2.6150e-03		7.3046e-01						
	Dyn Y		0.0000e+00	0.0000e+00	0.0000e+00	4.8773e-02	2.3093e-01	-	
8.5294e-02	1.0390e-03		3.2967e-01						
	32	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6141e-01	-2.6739e-01	-	
5.1382e-03	4.2715e-01		5.3131e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-6.2856e-01	-7.7068e-01	-	
3.0619e-02	1.2370e+00		1.5161e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2769e-01	-2.7917e-01	-	
1.1091e-02	4.4808e-01		5.4921e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.3208e-01	-6.9991e-01	-	
2.0927e-01	3.7560e-03		5.1813e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.8518e-01	-1.1492e+00	-	
6.0359e-01	1.9650e-03		5.7445e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.6147e-03	-4.8417e-02	-	
1.2492e-02	2.9000e-04		3.7887e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6654e-01	-9.3467e-01	-	
2.4204e-01	5.5770e-03		7.3046e-01						
	Dyn Y		0.0000e+00	0.0000e+00	0.0000e+00	8.2109e-02	4.4031e-01	-	
1.2856e-01	2.4240e-03		3.2967e-01						
	91	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2726e-03	-5.9122e-02	-	
2.5473e-03	-4.8500e-02		5.5664e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6693e-01	-1.7637e-01	-	
1.6754e-02	-1.3110e-01		1.4807e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.0468e-02	-6.3889e-02	-	
6.0688e-03	-4.7488e-02		5.3637e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.4124e-02	3.1164e-02	-	
1.2323e-01	1.5710e-03		5.1594e-01						

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	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.0795e-01	-1.2683e-01	-
1.2929e-01	-9.7700e-04	5.7150e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.6857e-03	3.4360e-03	
1.1046e-02	1.3600e-04	3.7733e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.1800e-02	6.5754e-02	
2.1211e-01	2.6150e-03	7.2750e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.4080e-02	2.2253e-02	
8.1997e-02	1.0390e-03	3.2829e-01					
	62	1	0.0000e+00	0.0000e+00	-4.2450e-02	-2.4249e-01	-
3.4185e-03	4.2715e-01	5.5664e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8128e-01	-6.9615e-01	-
2.0729e-02	1.2370e+00	1.4807e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0189e-01	-2.5217e-01	-
7.5089e-03	4.4808e-01	5.3637e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.3623e-01	-2.8644e-01	-
2.1616e-01	3.7560e-03	5.1594e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.9767e-01	-4.7244e-01	-
6.8242e-01	1.9650e-03	5.7150e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-8.8592e-03	-1.9837e-02	-
1.2429e-02	2.9000e-04	3.7733e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.7128e-01	-3.8293e-01	-
2.4108e-01	5.5770e-03	7.2750e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.4646e-02	1.8002e-01	
1.3196e-01	2.4240e-03	3.2829e-01					

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| Shell n.ro 41

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	91	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.0482e-03	-5.8527e-02	-
3.6267e-03	5.5351e-02	5.5419e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7732e-01	-1.7275e-01	-	
2.1716e-02	1.7460e-01	1.4660e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.4231e-02	-6.2577e-02	-	
7.8664e-03	6.3248e-02	5.3105e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-6.6550e-02	3.3946e-02	-	
2.0854e-01	-1.6518e-02	5.1560e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.3385e-01	-1.0490e-01	-	
6.4389e-01	-2.9310e-02	5.6952e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.7250e-03	3.4922e-03	-	
1.2202e-02	-1.1240e-03	3.7717e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.2305e-02	6.6900e-02	-	
2.3655e-01	-2.1704e-02	7.2718e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.9698e-02	2.3809e-02		
1.2728e-01	1.0343e-02	3.2809e-01						
	62	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.6428e-02	-2.4224e-01	-
2.4840e-03	-4.2175e-01	5.5419e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4530e-01	-6.9465e-01	-	
1.6148e-02	-1.2024e+00	1.4660e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.8857e-02	-2.5163e-01	-	
5.8494e-03	-4.3555e-01	5.3105e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.1880e-01	-2.8422e-01	-	
1.1923e-01	-1.7473e-02	5.1560e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.8910e-01	-4.5784e-01	-	
1.6246e-01	-2.6935e-02	5.6952e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	-8.2148e-03	-1.9772e-02	-	
1.1074e-02	-1.2300e-03	3.7717e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5858e-01	-3.8164e-01	-	
2.1250e-01	-2.3731e-02	7.2718e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.4429e-02	1.7872e-01		
7.9711e-02	1.1016e-02	3.2809e-01						
	92	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2007e-01	-8.2601e-02	-
8.4187e-03	5.5351e-02	5.3252e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.9708e-01	-2.4313e-01	-	
5.0547e-02	1.7460e-01	1.5236e+00						

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1.8310e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8006e-01	-8.8070e-02	-	
2.2257e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-8.1829e-02	-3.5693e-01	-	
7.4243e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.5401e-01	-6.8366e-01	-	
1.2691e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.8222e-03	-2.4229e-02	-	
2.4620e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-9.3467e-02	-4.6793e-01	-	
1.3499e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.9356e-02	2.2267e-01	-	
7.2759e-03	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5159e-01	-2.6665e-01	-	
4.4979e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.6842e-01	-7.6596e-01	-	
1.6293e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.0591e-01	-2.7746e-01	-	
1.0521e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2478e-01	-6.8439e-01	-	
2.6100e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.0412e-01	-1.0417e+00	-	
1.0585e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-8.5899e-03	-4.8215e-02	-	
2.0284e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6584e-01	-9.3038e-01	-	
7.2111e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.8126e-02	4.3108e-01	-	
-----+								
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Shell n.ro 42								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+								
7.2854e-03	92	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2166e-01	-8.3667e-02	-
4.5107e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0730e-01	-2.4955e-01	-	-
1.6340e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8376e-01	-9.0398e-02	-	-
1.0791e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-7.7142e-02	-3.5710e-01	-	-
2.1506e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.4834e-01	-6.8040e-01	-	-
1.0634e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.5319e-03	-2.4265e-02	-	-
2.0386e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-8.7848e-02	-4.6863e-01	-	-
7.3662e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.6484e-02	2.2282e-01	-	-
8.5136e-03	33	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6336e-01	-2.6826e-01	-
5.0758e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.3881e-01	-7.7565e-01	-	-
1.8386e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.3140e-01	-2.8097e-01	-	-
2.2938e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.3703e-01	-6.8572e-01	-	-
7.9492e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.1946e-01	-1.0469e+00	-	-
1.3029e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-9.4116e-03	-4.8285e-02	-	-
2.5280e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.8172e-01	-9.3174e-01	-	-
1.3919e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.5743e-02	4.3187e-01	-	-

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3.6357e-03	93	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.8675e-04	-5.8124e-02	-	
2.4030e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4259e-01	-1.7048e-01	-	
8.7047e-03		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.1653e-02	-6.1756e-02	-	
1.0913e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.1429e-02	4.1696e-02	-	
2.8552e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.3574e-01	5.7909e-04	-	
1.1089e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.1443e-03	3.7520e-03	-	
2.1248e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.0362e-02	7.2039e-02	-	
7.5358e-02		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.2914e-02	2.8460e-02	-	
		8.3000e-04	3.2769e-01						
4.8638e-03	65	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1148e-02	-2.4227e-01	-	
2.9681e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7139e-01	-6.9503e-01	-	
1.0751e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.8307e-02	-2.5177e-01	-	
2.2817e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.4325e-01	-2.7498e-01	-	
8.6538e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.3599e-01	-3.3678e-01	-	
1.2574e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	-9.7921e-03	-1.9499e-02	-	
2.4418e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.8908e-01	-3.7621e-01	-	
1.3756e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.9566e-02	1.7323e-01	-	
		4.2400e-04	3.2769e-01						
-----+-----									
-----+-----									
-----+-----									
Shell n.ro 43									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+-----									
4.8881e-03	93	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.7607e-03	-5.7055e-02	-	
2.9326e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6117e-01	-1.6395e-01	-	
1.0623e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.8382e-02	-5.9390e-02	-	
2.1708e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.1752e-02	4.6008e-02	-	
6.4925e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	7.1223e-02	5.7722e-02	-	
1.2353e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.4499e-03	3.8399e-03	-	
2.3967e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.5823e-02	7.3831e-02	-	
1.3128e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.8284e-02	3.0816e-02	-	
		1.1950e-02	3.2731e-01						
3.7489e-03	65	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2572e-02	-2.4228e-01	-	
2.4733e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.2110e-01	-6.9522e-01	-	
8.9591e-03		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.0091e-02	-2.5184e-01	-	
1.0163e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.1196e-01	-2.7110e-01	-	
4.9768e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-4.3372e-02	-2.9401e-01	-	
		-1.8660e-02	5.1416e-01						
		-2.1347e-02	5.5965e-01						

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		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.3906e-03	-1.9368e-02		
1.1127e-02	-1.3220e-03	3.7686e-02							
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6168e-01	-3.7361e-01		
2.1296e-01	-2.5508e-02	7.2655e-01							
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.1210e-02	1.7100e-01		
7.1559e-02	1.1773e-02	3.2731e-01							
	94	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1352e-01	-8.0258e-02	-	
1.1248e-02	6.3697e-02	5.3648e-01							
		3	0.0000e+00	0.0000e+00	0.0000e+00	-4.5471e-01	-2.2786e-01	-	
6.6460e-02	2.2596e-01	1.5480e+00							
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6471e-01	-8.2539e-02	-	
2.4074e-02	8.1851e-02	5.6076e-01							
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.7939e-02	-3.3445e-01	-	
2.3238e-01	-1.9010e-02	5.1381e-01							
		7	0.0000e+00	0.0000e+00	0.0000e+00	5.9518e-02	-1.3026e-01	-	
6.0916e-01	-2.5995e-02	5.5501e-01							
		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.6420e-03	-2.4141e-02	-	
1.3294e-02	-1.3230e-03	3.7684e-02							
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.0880e-01	-4.6558e-01	-	
2.5788e-01	-2.5540e-02	7.2651e-01							
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.8574e-02	2.1058e-01		
1.4027e-01	1.1950e-02	3.2713e-01							
	34	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4346e-01	-2.6586e-01	-	
1.0109e-02	-4.1643e-01	5.3648e-01							
		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.1793e-01	-7.6018e-01	-	
6.1867e-02	-1.1698e+00	1.5480e+00							
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8762e-01	-2.7537e-01	-	
2.2411e-02	-4.2374e-01	5.6076e-01							
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.1934e-01	-6.6036e-01	-	
8.6323e-02	-1.8660e-02	5.1381e-01							
		7	0.0000e+00	0.0000e+00	0.0000e+00	-6.1280e-02	-4.7577e-01	-	
4.5759e-01	-2.1347e-02	5.5501e-01							
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.8531e-03	-4.8079e-02	-	
1.0186e-02	-1.3220e-03	3.7684e-02							
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.7063e-01	-9.2705e-01	-	
1.9474e-01	-2.5508e-02	7.2651e-01							
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.5756e-02	4.1813e-01	-	
6.2624e-02	1.1773e-02	3.2713e-01							
+-----+ +-----+ +-----+ Shell n.ro 44 									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
+-----+ +-----+ +-----+ 									
	94	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1581e-01	-8.1909e-02	-	
9.1170e-03	-3.1176e-02	5.3678e-01							
		3	0.0000e+00	0.0000e+00	0.0000e+00	-4.7031e-01	-2.3774e-01	-	
5.6087e-02	-2.4775e-02	1.5498e+00							
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.7036e-01	-8.6118e-02	-	
2.0317e-02	-8.9740e-03	5.6138e-01							
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.7907e-02	-3.3529e-01	-	
9.3642e-02	-3.2840e-03	5.1452e-01							
		7	0.0000e+00	0.0000e+00	0.0000e+00	6.3475e-02	-1.2797e-01	-	
4.0269e-01	-1.3953e-02	5.5443e-01							
		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.8876e-03	-2.4230e-02	-	
1.0444e-02	-1.7600e-04	3.7745e-02							
		9	0.0000e+00	0.0000e+00	0.0000e+00	-9.4267e-02	-4.6727e-01	-	
1.9983e-01	-3.4200e-03	7.2769e-01							
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.2162e-02	2.1117e-01	-	
6.6677e-02	1.9870e-03	3.2760e-01							
	34	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6228e-01	-2.6843e-01	-	
1.2352e-02	4.4676e-01	5.3678e-01							
		3	0.0000e+00	0.0000e+00	0.0000e+00	-6.2886e-01	-7.7560e-01	-	
7.2607e-02	1.3575e+00	1.5498e+00							
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2780e-01	-2.8095e-01	-	
2.6301e-02	4.9176e-01	5.6138e-01							

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2.4375e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.4607e-01	-6.6287e-01	-
6.6664e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-8.7291e-02	-4.8247e-01	-
1.3847e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.0802e-02	-4.8229e-02	-
2.6866e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.0822e-01	-9.2997e-01	-
1.4699e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.2744e-02	4.1966e-01	-
1.8093e-03	95	1	0.0000e+00	0.0000e+00	1.3648e-02	-5.2312e-02	-
1.4432e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.4829e-02	-1.3551e-01	-
5.2279e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9861e-02	-4.9086e-02	-
1.1033e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-6.3605e-02	6.3252e-02	-
3.2649e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	6.6141e-02	1.7790e-01	-
1.1777e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.5933e-03	4.5070e-03	-
2.2549e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-8.8585e-02	8.6945e-02	-
7.7832e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.9493e-02	4.0672e-02	-
5.0444e-03	68	1	0.0000e+00	0.0000e+00	-3.1792e-02	-2.3837e-01	-
3.0952e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1066e-01	-6.7178e-01	-
1.1212e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.6311e-02	-2.4334e-01	-
2.2706e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.5386e-01	-2.5223e-01	-
5.9044e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.0371e-01	-1.5750e-01	-
1.2513e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.1301e-02	-1.8699e-02	-
2.4300e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.1787e-01	-3.6041e-01	-
1.3578e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.7557e-02	1.6035e-01	-

Shell n.ro 45

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
3.5625e-03	95	1	0.0000e+00	0.0000e+00	0.0000e+00	5.5907e-03	-5.3346e-02	-
2.0662e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.9097e-02	-1.4175e-01	-
7.4846e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.5897e-02	-5.1348e-02	-
2.1304e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.7479e-02	6.9242e-02	-
5.2729e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.5940e-01	2.0519e-01	-
1.2499e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.6751e-03	4.6517e-03	-
2.4230e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0879e-01	8.9861e-02	-
1.2900e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.9040e-02	4.3858e-02	-
3.4059e-03	68	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9885e-02	-2.3657e-01	-

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		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4387e-01	-6.6103e-01	-	
2.4966e-02		-1.0192e+00	1.6676e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2115e-02	-2.3945e-01	-	
9.0438e-03		-3.6921e-01	6.0408e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-9.9655e-02	-2.4616e-01	-	
9.9934e-02		-1.8483e-02	5.1227e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.6540e-02	-1.3808e-01	-	
3.8715e-01		-2.1540e-02	5.4610e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.2732e-03	-1.8455e-02	-	
1.2034e-02		-1.3430e-03	3.7628e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5909e-01	-3.5561e-01	-	
2.3001e-01		-2.5897e-02	7.2540e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.5123e-02	1.5692e-01	-	
7.3632e-02		1.1731e-02	3.2626e-01						
	96	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.2246e-02	-7.2928e-02	-	
1.2432e-02		7.7380e-02	5.2787e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1962e-01	-1.8010e-01	-	
6.8750e-02		3.0996e-01	1.4960e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1578e-01	-6.5241e-02	-	
2.4904e-02		1.1228e-01	5.4190e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.4082e-02	-3.0442e-01	-	
2.3476e-01		-2.0500e-02	5.1026e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.4760e-01	3.2022e-02	-	
4.7983e-01		-2.3173e-02	5.4447e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-6.9460e-03	-2.4584e-02	-	
1.4563e-02		-1.4860e-03	3.7485e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.3327e-01	-4.7299e-01	-	
2.8188e-01		-2.8658e-02	7.2264e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.9690e-02	1.9729e-01	-	
1.4346e-01		1.3012e-02	3.2498e-01						
	35	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1872e-01	-2.5662e-01	-	
1.2276e-02		-3.9179e-01	5.2787e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.6702e-01	-7.0090e-01	-	
7.3054e-02		-1.0192e+00	1.4960e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3295e-01	-2.5389e-01	-	
2.6463e-02		-3.6921e-01	5.4190e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.0744e-01	-6.2863e-01	-	
7.8213e-02		-1.8483e-02	5.1026e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.0376e-02	-3.0688e-01	-	
3.3969e-01		-2.1540e-02	5.4447e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.7719e-03	-4.8462e-02	-	
9.9703e-03		-1.3430e-03	3.7485e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6873e-01	-9.3329e-01	-	
1.9042e-01		-2.5897e-02	7.2264e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.9924e-02	4.0388e-01	-	
5.9108e-02		1.1731e-02	3.2498e-01						
-----+-----									
-----+-----									
-----+-----									
Shell n.ro 46									
-----+-----									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+-----									
	96	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.5664e-02	-7.6309e-02	-	
8.4725e-03		-1.2740e-02	5.2856e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4707e-01	-2.0030e-01	-	
5.0675e-02		8.7718e-02	1.4997e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2572e-01	-7.2558e-02	-	
1.8357e-02		3.1775e-02	5.4327e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.0191e-02	-3.0787e-01	-	
9.5467e-02		-4.1180e-03	5.1183e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.4045e-01	2.8448e-02	-	
3.0351e-01		-1.3257e-02	5.4489e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.5845e-03	-2.4839e-02	-	
1.0762e-02		-2.3500e-04	3.7620e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.0717e-01	-4.7790e-01	-	
2.0588e-01		-4.5530e-03	7.2523e-01						

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	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.0038e-02	1.9949e-01	
6.8746e-02	2.5090e-03	3.2603e-01					
	35 1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5071e-01	-2.6032e-01	-
1.6366e-02	4.5677e-01	5.2856e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.4928e-01	-7.2264e-01	-
9.1544e-02	1.4193e+00	1.4997e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9897e-01	-2.6177e-01	-
3.3161e-02	5.1412e-01	5.4327e-01					
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.6661e-01	-6.3424e-01	-
2.5605e-01	-4.7270e-03	5.1183e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-4.1316e-02	-3.1708e-01	-
5.1777e-01	-7.6920e-03	5.4489e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.3237e-02	-4.8827e-02	-
1.5667e-02	-3.4000e-04	3.7620e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.5476e-01	-9.4036e-01	-
3.0337e-01	-6.5560e-03	7.2523e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.0790e-01	4.0734e-01	
1.5585e-01	3.0350e-03	3.2603e-01					
	97 1	0.0000e+00	0.0000e+00	0.0000e+00	4.2709e-02	-3.9343e-02	
6.4061e-03	-1.2740e-02	5.9050e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.2287e-01	-5.7852e-02	
2.9888e-02	8.7718e-02	1.6818e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.4507e-02	-2.0956e-02	
1.0827e-02	3.1775e-02	6.0923e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	-5.6938e-02	1.0745e-01	
1.3587e-01	-4.1180e-03	5.1244e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.4032e-01	2.7787e-01	-
2.0310e-01	-1.3257e-02	5.3932e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-5.3400e-03	6.4216e-03	
1.3572e-02	-2.3500e-04	3.7725e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.0245e-01	1.2442e-01	
2.6012e-01	-4.5530e-03	7.2723e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.7995e-02	6.5543e-02	
9.4419e-02	2.5090e-03	3.2656e-01					
	71 1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1328e-02	-2.2290e-01	-
1.4880e-03	4.5677e-01	5.9050e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.6553e-02	-5.7884e-01	-
1.0981e-02	1.4193e+00	1.6818e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7730e-02	-2.0968e-01	-
3.9778e-03	5.1412e-01	6.0923e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.7540e-01	-2.0688e-01	-
2.1565e-01	-4.7270e-03	5.1244e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-5.4288e-02	-5.4801e-02	-
4.1737e-01	-7.6920e-03	5.3932e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.3841e-02	-1.6719e-02	-
1.2857e-02	-3.4000e-04	3.7725e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.6642e-01	-3.2167e-01	-
2.4912e-01	-6.5560e-03	7.2723e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.1341e-01	1.3487e-01	
1.3004e-01	3.0350e-03	3.2656e-01					
-----+-----							
-----+-----							
-----+-----							
Shell n.ro 47							
	Nodo cond	S11	S22	S12	M11	M22	M12
	T11	T22					
-----+-----							
	97 1	0.0000e+00	0.0000e+00	0.0000e+00	1.8922e-02	-5.3583e-02	
2.5642e-03	7.1449e-02	6.1489e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2334e-03	-1.4456e-01	
1.7127e-02	2.7388e-01	1.8410e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4679e-04	-5.2365e-02	
6.2042e-03	9.9209e-02	6.6688e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	-4.3125e-02	1.1903e-01	-
2.1143e-01	-1.5436e-02	5.1016e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.9082e-01	2.9593e-01	-
3.3090e-01	-1.3117e-02	5.3717e-01					

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1.4353e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-5.8927e-03	7.0309e-03	-
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.1244e-01	1.3627e-01	-
2.7720e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.3898e-02	7.2242e-02	-
1.3207e-01	71	9.9420e-03	3.2505e-01	0.0000e+00	1.0205e-02	-2.0911e-01	-
2.2911e-03	1	0.0000e+00	0.0000e+00	0.0000e+00	3.3178e-02	-4.9500e-01	-
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.2018e-02	-1.7931e-01	-
1.7126e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.1969e-02	-1.9902e-01
6.2036e-04	6	0.0000e+00	0.0000e+00	0.0000e+00	3.9565e-02	-4.3990e-02	-
1.3549e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.3886e-02	5.3717e-01	-
2.8761e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.1410e-03	3.7540e-02	-
1.5370e-02	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5739e-01	-3.1371e-01	-
2.9401e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.1757e-02	1.3036e-01	-
9.9188e-02	98	1.8068e-02	3.2505e-01	0.0000e+00	-5.3468e-02	-6.7458e-02	-
1.5853e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.5837e-02	-1.3810e-01	-
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3849e-02	-5.0027e-02	-
6.9748e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	9.9209e-02	3.4025e-01	-
2.5266e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.5436e-02	5.2275e-01	-
2.2861e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.3117e-02	5.4794e-01	-
2.6085e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.1780e-03	3.8503e-02	-
1.6757e-02	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.2695e-02	7.4223e-01	-
3.2306e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.5943e-02	2.0357e-01	-
1.4565e-01	36	9.9420e-03	3.3318e-01	0.0000e+00	-6.2749e-02	-2.2359e-01	-
1.6126e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.1970e-02	-4.9036e-01	-
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1581e-02	-1.7763e-01	-
8.5163e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0058e-01	-6.2310e-01	-
3.0849e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.8029e-02	5.2275e-01	-
1.1830e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.3886e-02	5.4794e-01	-
2.1757e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.1410e-03	3.8503e-02	-
1.2966e-02	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6891e-01	-1.0118e+00	-
2.4815e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.7162e-02	4.1265e-01	-
8.5481e-02	98	1.8068e-02	3.3318e-01	0.0000e+00	-5.7412e-02	-7.3734e-02	-
	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1571e-01	-1.7088e-01	-
9.9725e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.1914e-02	-6.1900e-02	-
6.2511e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4530e-03	3.4237e-01	-
2.2644e-02	98	1.8068e-02	3.3318e-01	0.0000e+00	-5.7412e-02	-7.3734e-02	-

Shell n.ro 48

Nodo	cond	S11	S22	S12	M11	M22	M12
T11	T22						

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1.8199e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.0788e-01	-3.2128e-01	
	5.4770e-03	5.2199e-01					
1.4855e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	4.1528e-02	2.1524e-01	-
	-3.2130e-03	5.4747e-01					
1.7458e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.8355e-02	-3.0367e-02	
	5.0700e-04	3.8443e-02					
3.3483e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.5254e-01	-5.8256e-01	
	9.7260e-03	7.4107e-01					
1.2538e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3945e-01	2.2033e-01	
	3.7220e-03	3.3268e-01					
2.2189e-02	36	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2186e-01	-2.2992e-01
	3.4660e-01	4.3816e-01					
9.2747e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.0293e-01	-5.2175e-01	-
	7.4274e-01	9.4515e-01					
3.3597e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0973e-01	-1.8900e-01	-
	2.6905e-01	3.4237e-01					
2.9605e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.1010e-01	-6.4801e-01	-
	1.9503e-02	5.2199e-01					
3.3014e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-9.1293e-02	-1.2322e-01	-
	1.1837e-02	5.4747e-01					
2.1570e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.6836e-02	-5.4479e-02	-
	1.5360e-03	3.8443e-02					
4.1590e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.2398e-01	-1.0473e+00	-
	2.9560e-02	7.4107e-01					
1.8814e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3687e-01	4.2854e-01	
	1.2663e-02	3.3268e-01					
1.7528e-02	99	1	0.0000e+00	0.0000e+00	0.0000e+00	4.0921e-02	-3.9647e-02
	-3.1169e-02	6.0385e-02					
3.4248e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	1.0735e-01	-8.9970e-02	
	-2.6095e-02	1.7631e-01					
1.2406e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	3.8887e-02	-3.2591e-02	
	-9.4530e-03	6.3866e-02					
1.3409e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.9548e-01	2.4942e-01	
	5.4770e-03	5.0796e-01					
9.3481e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	4.4910e-02	4.3301e-01	-
	-3.2130e-03	5.3242e-01					
1.2569e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.7330e-02	1.6215e-02	
	5.0700e-04	3.7414e-02					
2.4115e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.3284e-01	3.1349e-01	
	9.7260e-03	7.2124e-01					
9.1599e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3129e-01	1.5404e-01	
	3.7220e-03	3.2374e-01					
5.3118e-03	74	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2885e-02	-1.9530e-01
	3.4660e-01	6.0385e-02					
4.0119e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.7707e-02	-4.4060e-01	
	7.4274e-01	1.7631e-01					
1.4533e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.8149e-02	-1.5960e-01	
	2.6905e-01	6.3866e-02					
3.4395e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.0687e-01	-6.8101e-02	-
	1.9503e-02	5.0796e-01					
2.7507e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-8.9281e-02	9.5970e-02	-
	1.1837e-02	5.3242e-01					
2.6459e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.6583e-02	-7.1231e-03	-
	1.5360e-03	3.7414e-02					
5.0958e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.1910e-01	-1.3642e-01	-
	2.9560e-02	7.2124e-01					
2.2186e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3477e-01	4.8383e-02	
	1.2663e-02	3.2374e-01					
-----+-----							
-----+-----							
-----+-----							
Shell n.ro 49							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+-----							
-----+-----							
	100	1	0.0000e+00	0.0000e+00	0.0000e+00	5.2488e-03	-4.2396e-03
3.7317e-03	-1.4468e-02	1.1128e-01					

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		3	0.0000e+00	0.0000e+00	0.0000e+00	3.3493e-02	5.1588e-03	
2.1556e-02		-6.5853e-02	2.5225e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	1.2132e-02	1.8687e-03	
7.8086e-03		-2.3855e-02	9.1375e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	5.3127e-02	-1.0995e-01	-
4.9370e-03		3.4210e-03	2.2503e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.4562e-01	1.3849e-01	
9.0645e-02		4.5570e-03	2.3016e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.9326e-03	-1.1121e-02	-
1.4639e-03		2.3700e-04	1.6641e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	5.6946e-02	-2.1310e-01	-
2.7753e-02		4.5810e-03	3.2077e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.1752e-02	7.7090e-02	
5.9068e-03		2.1460e-03	1.4357e-01					
	75	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.2736e-03	-6.3279e-02	-
4.9302e-03		1.9487e-02	1.1128e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	6.1110e-03	-1.3149e-01	
1.3975e-02		2.2250e-03	2.5225e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	2.2137e-03	-4.7631e-02	
5.0623e-03		8.0600e-04	9.1375e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-2.1603e-01	-2.4780e-01	-
2.5808e-01		1.4723e-02	2.2503e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.1199e-02	-4.1275e-03	
6.3511e-02		8.6760e-03	2.3016e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.8286e-02	-2.1294e-02	-
2.2955e-02		1.1690e-03	1.6641e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-3.5149e-01	-4.0920e-01	-
4.4083e-01		2.2506e-02	3.2077e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4307e-01	1.6490e-01	
1.7353e-01		9.5830e-03	1.4357e-01					
	101	1	0.0000e+00	0.0000e+00	0.0000e+00	6.8158e-03	6.4194e-03	
6.0192e-03		-1.4468e-02	7.7326e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	1.3640e-02	1.0132e-02	
2.1710e-02		-6.5853e-02	1.8417e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	4.9410e-03	3.6701e-03	
7.8644e-03		-2.3855e-02	6.6714e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	5.9411e-02	1.9437e-01	
1.9701e-01		3.4210e-03	2.1372e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.4970e-01	1.7194e-01	
2.0586e-01		4.5570e-03	2.2604e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	3.4262e-03	1.4705e-02	
1.4577e-02		2.3700e-04	1.5709e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	6.6449e-02	2.8331e-01	
2.8098e-01		4.5810e-03	3.0284e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.5821e-02	1.2477e-01	
1.2576e-01		2.1460e-03	1.3613e-01					
	76	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.7012e-03	-5.2519e-02	-
2.6427e-03		1.9487e-02	7.7326e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3837e-02	-1.2621e-01	
1.4129e-02		2.2250e-03	1.8417e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0123e-03	-4.5718e-02	
5.1182e-03		8.0600e-04	6.6714e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-2.1097e-01	5.7775e-02	-
5.6129e-02		1.4723e-02	2.1372e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.6996e-02	2.9207e-02	
1.7872e-01		8.6760e-03	2.2604e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.7899e-02	4.6423e-03	-
6.9139e-03		1.1690e-03	1.5709e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-3.4405e-01	8.9326e-02	-
1.3210e-01		2.2506e-02	3.0284e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3981e-01	3.7717e-02	
4.2292e-02		9.5830e-03	1.3613e-01					

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Nodo	cond	S11	S22	S12	M11	M22	M12
T11	T22						

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	101	1	0.0000e+00	0.0000e+00	0.0000e+00	1.0469e-02	8.4551e-03	-
1.8532e-03	-1.5972e-02	7.6991e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.7682e-02	2.7189e-02	
1.0858e-02	-1.2215e-01	1.8205e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.0895e-02	9.8489e-03	
3.9331e-03	-4.4248e-02	6.5946e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.4947e-02	1.9474e-01	-
8.9568e-02	1.2887e-02	2.0727e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.3664e-01	1.9301e-01	
1.2509e-01	1.3045e-02	2.2514e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.7507e-03	1.4551e-02	-
8.9983e-03	9.5400e-04	1.5176e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.4816e-01	2.8041e-01	-
1.7245e-01	1.8397e-02	2.9259e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.7878e-02	1.2465e-01	
6.2490e-02	8.2290e-03	1.3190e-01						
	76	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.3154e-03	-5.3347e-02	
5.2196e-03	-5.9803e-02	7.6991e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.3731e-02	-1.2694e-01	
2.4973e-02	-2.5143e-01	1.8205e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.5964e-03	-4.5984e-02	
9.0464e-03	-9.1079e-02	6.5946e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.3552e-02	6.2021e-02	
2.3135e-01	-3.3310e-03	2.0727e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2129e-01	5.3187e-02	
2.6038e-01	7.6940e-03	2.2514e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.7954e-03	4.7818e-03	
1.6728e-02	-3.7400e-04	1.5176e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.3010e-01	9.2088e-02	
3.2260e-01	-7.1520e-03	2.9259e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.5356e-02	4.0074e-02	
1.4665e-01	2.4150e-03	1.3190e-01						
	102	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.3228e-02	-4.6985e-03	
1.0118e-03	-1.5972e-02	1.2082e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.9136e-02	-1.2897e-02	
1.3502e-02	-1.2215e-01	3.1133e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.1421e-02	-4.6718e-03	
4.8911e-03	-4.4248e-02	1.1278e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.3938e-02	-1.8783e-01	-
1.1479e-01	1.2887e-02	2.2348e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.4046e-01	3.4612e-02	
1.9528e-01	1.3045e-02	2.3049e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.7061e-03	-1.6150e-02	-
1.1556e-02	9.5400e-04	1.6504e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.4728e-01	-3.1035e-01	-
2.2146e-01	1.8397e-02	3.1814e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.7307e-02	1.2465e-01	
7.9829e-02	8.2290e-03	1.4253e-01						
	77	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.9018e-02	-6.6632e-02	
8.0846e-03	-5.9803e-02	1.2082e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.3135e-02	-1.6739e-01	
2.7618e-02	-2.5143e-01	3.1133e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.3737e-02	-6.0634e-02	
1.0004e-02	-9.1079e-02	1.1278e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.8583e-02	-3.2455e-01	
2.0613e-01	-3.3310e-03	2.2348e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3044e-01	-1.1057e-01	
3.3057e-01	7.6940e-03	2.3049e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.4768e-03	-2.6198e-02	
1.4170e-02	-3.7400e-04	1.6504e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.2394e-01	-5.0405e-01	
2.7358e-01	-7.1520e-03	3.1814e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.2310e-02	2.1171e-01	
1.2938e-01	2.4150e-03	1.4253e-01						
+-----+-----+-----+-----+-----+-----+-----+-----+-----+								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+								
+-----+-----+-----+-----+-----+-----+-----+-----+-----+								



Ponte sullo Stretto di Messina
PROGETTO DEFINITIVO

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Shell n.ro 51											
Nodo	cond		S11	S22	S12	M11	M22	M12			
T11	T22		-----+-----								
102	1		0.0000e+00	0.0000e+00	0.0000e+00	-8.6682e-03	-1.8952e-03				
8.1172e-03	-3.4677e-02	3	1.2034e-01	0.0000e+00	0.0000e+00	-2.2743e-02	3.3050e-03				
3.5265e-02	-1.9045e-01	4	3.0904e-01	0.0000e+00	0.0000e+00	-8.2386e-03	1.1972e-03				
1.2775e-02	-6.8987e-02	6	1.1195e-01	0.0000e+00	0.0000e+00	-3.3241e-02	-1.8549e-01				
2.0812e-01	8.9860e-03	7	2.2447e-01	0.0000e+00	0.0000e+00	2.6637e-01	3.1754e-02				
3.2943e-01	1.5753e-02	8	2.3263e-01	0.0000e+00	0.0000e+00	-4.9970e-03	-1.5788e-02				
1.4201e-02	5.9500e-04	9	1.6551e-02	0.0000e+00	0.0000e+00	-9.5249e-02	-3.0345e-01				
2.7423e-01	1.1502e-02	Dyn Y		0.0000e+00	0.0000e+00	2.6586e-02	1.2262e-01				
1.3025e-01	5.5910e-03	1	1.4309e-01	0.0000e+00	0.0000e+00	-2.1912e-02	-6.7102e-02				
9.1963e-04	-2.4350e-03	3	1.2034e-01	0.0000e+00	0.0000e+00	-6.8800e-02	-1.7144e-01				
5.7190e-03	-1.3112e-01	4	3.0904e-01	0.0000e+00	0.0000e+00	-2.4922e-02	-6.2103e-02				
2.0716e-03	-4.7498e-02	6	1.1195e-01	0.0000e+00	0.0000e+00	-6.8034e-02	-3.2264e-01			-	
1.1804e-01	2.3285e-02	7	2.2447e-01	0.0000e+00	0.0000e+00	9.6676e-02	-1.0928e-01				
1.9633e-01	2.1795e-02	8	2.3263e-01	0.0000e+00	0.0000e+00	-5.9680e-03	-2.5916e-02			-	
1.1692e-02	1.7300e-03	9	1.6551e-02	0.0000e+00	0.0000e+00	-1.1464e-01	-4.9868e-01			-	
2.2413e-01	3.3339e-02	Dyn Y		0.0000e+00	0.0000e+00	4.4745e-02	2.1007e-01				
8.1517e-02	1.4863e-02	1	1.4309e-01	0.0000e+00	0.0000e+00	-2.0307e-02	4.4083e-03				
8.2835e-03	-3.4677e-02	3	8.8094e-02	0.0000e+00	0.0000e+00	-1.2342e-01	1.8704e-02				
4.4489e-02	-1.9045e-01	4	2.4972e-01	0.0000e+00	0.0000e+00	-4.4708e-02	6.7753e-03				
1.6116e-02	-6.8987e-02	6	9.0459e-02	0.0000e+00	0.0000e+00	-2.1955e-02	2.0676e-01				
2.1549e-01	8.9860e-03	7	2.1017e-01	0.0000e+00	0.0000e+00	2.7551e-01	1.9644e-01				
4.4477e-01	1.5753e-02	8	2.2659e-01	0.0000e+00	0.0000e+00	-4.1416e-03	1.5304e-02				
1.3454e-02	5.9500e-04	9	1.5416e-02	0.0000e+00	0.0000e+00	-7.8770e-02	2.9499e-01				
2.6038e-01	1.1502e-02	Dyn Y		0.0000e+00	0.0000e+00	1.9494e-02	1.3178e-01				
1.3205e-01	5.5910e-03	1	1.3382e-01	0.0000e+00	0.0000e+00	-3.3487e-02	-6.0762e-02				
1.0860e-03	-2.4350e-03	3	8.8094e-02	0.0000e+00	0.0000e+00	-1.6927e-01	-1.5607e-01				
1.4943e-02	-1.3112e-01	4	2.4972e-01	0.0000e+00	0.0000e+00	-6.1316e-02	-5.6534e-02				
5.4130e-03	-4.7498e-02	6	9.0459e-02	0.0000e+00	0.0000e+00	-5.9133e-02	7.2036e-02			-	
1.1066e-01	2.3285e-02	7	2.1017e-01	0.0000e+00	0.0000e+00	1.1102e-01	5.0220e-02				
3.1167e-01	2.1795e-02	8	2.2659e-01	0.0000e+00	0.0000e+00	-5.3691e-03	5.4361e-03			-	
1.2439e-02	1.7300e-03	9	1.5416e-02	0.0000e+00	0.0000e+00	-1.0307e-01	1.0474e-01			-	
2.3798e-01	3.3339e-02	Dyn Y		0.0000e+00	0.0000e+00	3.9208e-02	4.6035e-02				
7.9943e-02	1.4863e-02	1	1.3382e-01	0.0000e+00	0.0000e+00						

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+-----+ +-----+ +-----+ +-----+									
Shell n.ro 52									
+-----+ +-----+									
	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
+-----+ +-----+									
	103	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4067e-02	6.8327e-03		
2.7784e-03		3	8.7792e-02	0.0000e+00	0.0000e+00	-9.2611e-02	3.3253e-02		
2.2264e-02		4	2.4757e-01	0.0000e+00	0.0000e+00	-3.3548e-02	1.2046e-02		
8.0647e-03		6	8.9680e-02	0.0000e+00	0.0000e+00	-3.2556e-02	2.0368e-01	-	
1.1252e-01		7	2.1044e-01	0.0000e+00	0.0000e+00	2.0509e-01	1.8529e-01		
2.8086e-01		8	2.2596e-01	0.0000e+00	0.0000e+00	-3.4850e-03	1.5238e-02	-	
1.1964e-02		9	1.5467e-02	0.0000e+00	0.0000e+00	-6.6721e-02	2.9364e-01	-	
2.2907e-01		Dyn Y	2.9817e-01	0.0000e+00	0.0000e+00	2.2204e-02	1.3021e-01		
7.9528e-02		9.1330e-03	1.3407e-01	0.0000e+00	0.0000e+00	-3.1237e-02	-6.1488e-02		
6.5709e-03	78	1	8.7792e-02	0.0000e+00	0.0000e+00	-1.4984e-01	-1.6057e-01		
3.7164e-02		3	2.4757e-01	0.0000e+00	0.0000e+00	-5.4278e-02	-5.8164e-02		
1.3462e-02		4	8.9680e-02	0.0000e+00	0.0000e+00	-7.1787e-02	7.0466e-02		
2.1857e-01		6	2.1044e-01	0.0000e+00	0.0000e+00	1.0749e-01	4.6581e-02		
4.7651e-01		7	2.2596e-01	0.0000e+00	0.0000e+00	-6.4862e-03	5.4103e-03		
1.3071e-02		8	1.5467e-02	0.0000e+00	0.0000e+00	-1.2453e-01	1.0420e-01		
2.5326e-01		9	2.9817e-01	0.0000e+00	0.0000e+00	4.7721e-02	4.5275e-02		
1.3254e-01		Dyn Y	1.3407e-01	0.0000e+00	0.0000e+00	-3.9562e-02	-2.7234e-03		
5.6965e-03	104	1	1.3091e-01	0.0000e+00	0.0000e+00	-2.2069e-01	-9.7438e-03		
3.7467e-02		3	3.7345e-01	0.0000e+00	0.0000e+00	-7.9943e-02	-3.5296e-03		
1.3572e-02		4	1.3528e-01	0.0000e+00	0.0000e+00	-2.9789e-02	-1.9029e-01	-	
1.0435e-01		6	2.2310e-01	0.0000e+00	0.0000e+00	2.0998e-01	-4.2135e-02		
3.3377e-01		7	2.3466e-01	0.0000e+00	0.0000e+00	-3.2889e-03	-1.4600e-02	-	
1.1238e-02		8	1.6409e-02	0.0000e+00	0.0000e+00	-6.2937e-02	-2.8120e-01	-	
2.1514e-01		9	3.1633e-01	0.0000e+00	0.0000e+00	2.0460e-02	1.2179e-01		
7.3769e-02		Dyn Y	1.4212e-01	0.0000e+00	0.0000e+00	-5.6703e-02	-7.1208e-02		
9.4889e-03	79	1	1.3091e-01	0.0000e+00	0.0000e+00	-2.7749e-01	-2.0438e-01		
5.2368e-02		3	3.7345e-01	0.0000e+00	0.0000e+00	-1.0052e-01	-7.4036e-02		
1.8970e-02		4	1.3528e-01	0.0000e+00	0.0000e+00	-6.4298e-02	-3.2826e-01		
2.2674e-01		6	2.2310e-01	0.0000e+00	0.0000e+00	1.2307e-01	-1.9155e-01		
5.2942e-01		7	2.3466e-01	0.0000e+00	0.0000e+00	-6.0088e-03	-2.4712e-02		
1.3797e-02		8	1.6409e-02	0.0000e+00	0.0000e+00				

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2.6719e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.1529e-01	-4.7615e-01		
	1.3290e-03	3.1633e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3113e-02	2.0961e-01		
1.3831e-01	1.0850e-03	1.4212e-01						
+-----+								
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+-----+								
Shell n.ro 53								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
+-----+								
	104	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.6694e-02	-1.6713e-03	
9.4095e-03		-2.6282e-02	1.3079e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.0209e-01	-3.6050e-03	
5.3638e-02		-1.3902e-01	3.7284e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.3203e-02	-1.3059e-03	
1.9430e-02		-5.0360e-02	1.3506e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-4.4147e-02	-1.9284e-01	
2.2163e-01		9.9180e-03	2.2304e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.5531e-01	-5.9979e-02	
5.3342e-01		1.9828e-02	2.3658e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.8191e-03	-1.4574e-02	
1.3219e-02		6.5800e-04	1.6375e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.3381e-02	-2.8079e-01	
2.5614e-01		1.2723e-02	3.1569e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.8322e-02	1.2295e-01	
1.3465e-01		6.1880e-03	1.4202e-01					
	79	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.9753e-02	-7.0296e-02	
5.7238e-03		1.5812e-02	1.3079e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3941e-01	-1.9919e-01	
3.6042e-02		-1.9378e-02	3.7284e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.6724e-02	-7.2153e-02	
1.3056e-02		-7.0200e-03	1.3506e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.9951e-02	-3.2971e-01	-
1.0058e-01		2.1761e-02	2.2304e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.4719e-02	-2.0231e-01	
3.2919e-01		2.5203e-02	2.3658e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.0819e-03	-2.4659e-02	-
1.0763e-02		1.5440e-03	1.6375e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-9.7994e-02	-4.7519e-01	-
2.0605e-01		2.9794e-02	3.1569e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3719e-02	2.1018e-01	
7.0928e-02		1.3733e-02	1.4202e-01					
	105	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.0057e-02	2.1219e-03	
8.7996e-03		-2.6282e-02	8.8699e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5203e-01	7.8424e-03	
5.1838e-02		-1.3902e-01	2.5319e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.1296e-02	2.8408e-03	
1.8778e-02		-5.0360e-02	9.1716e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-3.3195e-02	1.9479e-01	
2.2141e-01		9.9180e-03	2.1120e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.6542e-01	1.9193e-01	
6.0626e-01		1.9828e-02	2.3120e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.0130e-03	1.4228e-02	
1.2711e-02		6.5800e-04	1.5490e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-5.7841e-02	2.7432e-01	
2.4656e-01		1.2723e-02	2.9862e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.1370e-02	1.2381e-01	
1.3381e-01		6.1880e-03	1.3448e-01					
	80	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.2939e-02	-6.6550e-02	
5.1139e-03		1.5812e-02	8.8699e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8855e-01	-1.8817e-01	
3.4242e-02		-1.9378e-02	2.5319e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0452e-01	-6.8164e-02	
1.2404e-02		-7.0200e-03	9.1716e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.1087e-02	6.0042e-02	-
1.0080e-01		2.1761e-02	2.1120e-01					

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4.0202e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	5.2780e-02	4.1656e-02	
1.1270e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.5102e-03	4.3803e-03	-
2.1563e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-8.6939e-02	8.4456e-02	-
7.1911e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.8235e-02	3.8087e-02	
-----+-----							
-----+-----							
-----+-----							
Shell n.ro 54							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+-----							
5.8912e-03	105	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.6205e-02	2.7708e-03
3.8380e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.3038e-01	1.1719e-02
1.3903e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-8.3453e-02	4.2452e-03
1.0299e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-4.5701e-02	1.9194e-01
3.4457e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.0659e-02	1.6578e-01
1.1080e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.7763e-03	1.4184e-02
2.1211e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.3768e-02	2.7341e-01
7.2572e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.7042e-02	1.2232e-01
7.9840e-03	80	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0241e-02	-6.5888e-02
4.7612e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.7071e-01	-1.8415e-01
1.7247e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.8062e-02	-6.6707e-02
2.2478e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.2145e-02	5.8180e-02
6.6480e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.0098e-02	2.6047e-02
1.2607e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.2019e-03	4.3328e-03
2.4471e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0033e-01	8.3503e-02
1.3532e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.5027e-02	3.7074e-02
6.1398e-03	106	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.3122e-02	-3.0313e-03
3.9120e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.0596e-01	-1.3950e-02
1.4171e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.1083e-01	-5.0532e-03
1.0558e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-4.3873e-02	-1.9822e-01
2.7186e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.7443e-02	-2.0928e-01
1.0832e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.6414e-03	-1.4056e-02
2.0751e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.1169e-02	-2.7120e-01
7.3126e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.5868e-02	1.2463e-01
8.2326e-03	81	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.7124e-02	-7.1856e-02
4.8352e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.4578e-01	-2.1071e-01

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1.7515e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2525e-01	-7.6328e-02		
	6	0.0000e+00	0.0000e+00	0.0000e+00	-6.5573e-02	-3.3676e-01		
2.2219e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	4.7677e-02	-3.6341e-01		
5.9208e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.7990e-03	-2.4179e-02		
1.2856e-02	9	0.0000e+00	0.0000e+00	0.0000e+00	-9.2524e-02	-4.6636e-01		
2.4931e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.0994e-02	2.1276e-01		
1.3467e-01	1.9600e-04	1.4259e-01						
-----+								
-----+								
-----+								
Shell n.ro 55								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+								
	106	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0754e-02	-2.5494e-03	
8.2095e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9125e-01	-1.1101e-02	
4.8828e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0550e-01	-4.0211e-03	
1.7688e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.4308e-02	-2.0071e-01	
2.2015e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.2353e-01	-2.5004e-01	
6.3397e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.9661e-03	-1.4074e-02	
1.2573e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-5.7616e-02	-2.7160e-01	
2.4391e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.1813e-02	1.2594e-01	
1.3318e-01		4.8240e-03	1.4263e-01					
	81	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2839e-02	-7.1008e-02	
6.1111e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2085e-01	-2.0563e-01	
3.8474e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1622e-01	-7.4489e-02	
1.3937e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.4868e-02	-3.3822e-01	-
1.0491e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.1405e-01	-3.9621e-01	
2.2841e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.5497e-03	-2.4177e-02	-
1.0647e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.8113e-02	-4.6637e-01	-
2.0401e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.5470e-02	2.1352e-01	
7.2473e-02		1.2546e-02	1.4263e-01					
	107	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.6797e-02	8.0447e-04	
6.8109e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9629e-01	6.3219e-04	
4.0743e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0733e-01	2.2901e-04	
1.4759e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-4.4517e-02	1.9003e-01	
2.1553e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1116e-01	2.4303e-01	
6.8186e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.2629e-03	1.3798e-02	
1.2326e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-4.4052e-02	2.6606e-01	
2.3912e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.5622e-02	1.2071e-01	
1.3078e-01		4.8240e-03	1.3491e-01					

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4.7125e-03	82	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.8694e-02	-6.7707e-02		
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2503e-01	-1.9435e-01		
3.0389e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1774e-01	-7.0402e-02		
1.1008e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.7308e-02	5.4782e-02	-	
1.0953e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.9522e-01	9.0454e-02		
2.7630e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.0741e-03	3.9252e-03	-	
1.0894e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.8910e-02	7.5713e-02	-	
2.0881e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.0802e-02	3.4690e-02		
7.4885e-02		1.2546e-02	1.3491e-01						
-----+									
-----+									
-----+									
Shell n.ro 56									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+									
4.9685e-03	107	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.4376e-02	1.0765e-03		
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8205e-01	2.2670e-03		
3.1886e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0217e-01	8.2121e-04		
1.1551e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.4660e-02	1.8794e-01	-	
1.1163e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.8706e-01	2.1806e-01		
2.2429e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.2681e-03	1.3766e-02	-	
1.0854e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-4.4466e-02	2.6540e-01	-	
2.0812e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.1237e-02	1.1957e-01		
7.5962e-02		6.5510e-03	1.3493e-01						
6.5088e-03	82	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6944e-02	-6.7145e-02		
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1392e-01	-1.9092e-01		
3.9118e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1371e-01	-6.9158e-02		
1.4170e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.3402e-02	5.3620e-02		
2.1878e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.1882e-01	7.5531e-02		
7.3530e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.3604e-03	3.8988e-03		
1.2370e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.4499e-02	7.5179e-02		
2.4004e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.4387e-02	3.4021e-02		
1.3265e-01		1.5450e-03	1.3493e-01						
4.0834e-03	108	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6089e-02	-3.0440e-03		
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2566e-01	-1.4734e-02		
2.6122e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1797e-01	-5.3373e-03		
9.4626e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.4380e-02	-2.0583e-01	-	
1.2062e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.8799e-01	-3.8656e-01		
1.3635e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.2420e-03	-1.3945e-02	-	
1.0882e-02		9	0.0000e+00	0.0000e+00	0.0000e+00				

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2.0892e-01		9		0.0000e+00		0.0000e+00		0.0000e+00		-4.3964e-02		-2.6932e-01		-		
		1.3481e-02		3.1682e-01												
8.0425e-02		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		3.1048e-02		1.2866e-01				
		6.5510e-03		1.4302e-01												
5.6237e-03		83		1		0.0000e+00		0.0000e+00		0.0000e+00		-6.8657e-02		-7.1398e-02		
		-3.9930e-02		1.3037e-01												
3.3354e-02		3		0.0000e+00		0.0000e+00		0.0000e+00		-3.5721e-01		-2.0862e-01				
		-1.3024e-01		3.7017e-01												
1.2082e-02		4		0.0000e+00		0.0000e+00		0.0000e+00		-1.2940e-01		-7.5571e-02				
		-4.7178e-02		1.3409e-01												
2.0979e-01		6		0.0000e+00		0.0000e+00		0.0000e+00		-6.8599e-02		-3.4471e-01				
		-2.3680e-03		2.2481e-01												
6.4736e-01		7		0.0000e+00		0.0000e+00		0.0000e+00		-2.0500e-01		-5.4391e-01				
		-7.2300e-04		2.5073e-01												
1.2342e-02		8		0.0000e+00		0.0000e+00		0.0000e+00		-4.0745e-03		-2.4074e-02				
		-1.9900e-04		1.6432e-02												
2.3923e-01		9		0.0000e+00		0.0000e+00		0.0000e+00		-7.8958e-02		-4.6464e-01				
		-3.8200e-03		3.1682e-01												
1.2805e-01		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		4.1444e-02		2.1697e-01				
		1.5450e-03		1.4302e-01												
-----+																
-----+																
-----+																
Shell n.ro 57																
		Nodo		cond		S11		S22		S12		M11		M22		M12
		T11		T22												
-----+																
		108		1		0.0000e+00		0.0000e+00		0.0000e+00		-5.4484e-02		-2.7582e-03		
5.6069e-03		-9.6310e-03		1.3038e-01												
		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-3.1578e-01		-1.3021e-02		
3.3546e-02		-3.6664e-02		3.7025e-01												
		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.1439e-01		-4.7169e-03		
1.2152e-02		-1.3281e-02		1.3412e-01												
		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-6.0283e-02		-2.0754e-01		
2.0882e-01		4.6380e-03		2.2496e-01												
		7		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-3.3910e-01		-4.0233e-01		
6.5108e-01		1.1023e-02		2.5228e-01												
		8		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-2.3933e-03		-1.3964e-02		
1.2195e-02		2.9300e-04		1.6430e-02												
		9		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-4.7001e-02		-2.6974e-01		
2.3642e-01		5.6700e-03		3.1677e-01												
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		3.4562e-02		1.2963e-01		
1.2737e-01		2.8730e-03		1.4310e-01												
		83		1		0.0000e+00		0.0000e+00		0.0000e+00		-6.6515e-02		-7.0934e-02		
4.0489e-03		3.3117e-02		1.3038e-01												
		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-3.4453e-01		-2.0582e-01		
2.5760e-02		8.6979e-02		3.7025e-01												
		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.2480e-01		-7.4557e-02		
9.3312e-03		3.1507e-02		1.3412e-01												
		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-7.5944e-02		-3.4565e-01		-
1.2106e-01		1.7246e-02		2.2496e-01												
		7		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-2.7893e-01		-5.5315e-01		
1.3016e-01		3.0112e-02		2.5228e-01												
		8		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-4.0502e-03		-2.4080e-02		-
1.0831e-02		1.1800e-03		1.6430e-02												
		9		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-7.8729e-02		-4.6478e-01		-
2.0799e-01		2.2777e-02		3.1677e-01												
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		4.5629e-02		2.1753e-01		
8.0613e-02		1.0824e-02		1.4310e-01												
		109		1		0.0000e+00		0.0000e+00		0.0000e+00		-4.7217e-02		5.8942e-04		
4.2259e-03		-9.6310e-03		8.7635e-02												
		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-3.0036e-01		-4.0776e-04		
2.5153e-02		-3.6664e-02		2.4661e-01												
		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.0880e-01		-1.4771e-04		
9.1115e-03		-1.3281e-02		8.9331e-02												
		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-5.2125e-02		1.8842e-01		
2.0022e-01		4.6380e-03		2.1236e-01												

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	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.2728e-01	2.2647e-01	
5.7482e-01	1.1023e-02	2.3319e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.8176e-03	1.3647e-02	
1.2008e-02	2.9300e-04	1.5543e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.5893e-02	2.6318e-01	
2.3264e-01	5.6700e-03	2.9967e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.9443e-02	1.1969e-01	
1.2291e-01	2.8730e-03	1.3515e-01					
	84	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.9092e-02	-6.7610e-02
2.6679e-03	3.3117e-02	8.7635e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2848e-01	-1.9346e-01	
1.7367e-02	8.6979e-02	2.4661e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1899e-01	-7.0080e-02	
6.2911e-03	3.1507e-02	8.9331e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	-7.0413e-02	5.2979e-02	-
1.2967e-01	1.7246e-02	2.1236e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.6501e-01	7.3615e-02	
5.3899e-02	3.0112e-02	2.3319e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.7047e-03	3.7640e-03	-
1.1018e-02	1.1800e-03	1.5543e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.2043e-02	7.2618e-02	-
2.1177e-01	2.2777e-02	2.9967e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.2212e-02	3.3548e-02	
8.5019e-02	1.0824e-02	1.3515e-01					

Shell n.ro 58

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	109	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.5920e-02	7.5117e-04	
2.7013e-03	5.8120e-03	8.7661e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.9262e-01	5.7109e-04	
1.7637e-02	1.2066e-02	2.4676e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0600e-01	2.0687e-04	
6.3889e-03	4.3710e-03	8.9386e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.8181e-02	1.8720e-01	-
1.3084e-01	7.0850e-03	2.1237e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.8026e-01	2.1589e-01	
4.4265e-02	1.4250e-02	2.3329e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.8623e-03	1.3628e-02	-
1.1006e-02	4.6900e-04	1.5546e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.6925e-02	2.6278e-01	-
2.1159e-01	9.0700e-03	2.9972e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.3141e-02	1.1899e-01	
8.5713e-02	4.4250e-03	1.3515e-01						
	84	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.8223e-02	-6.7338e-02	
4.1447e-03	-3.6717e-02	8.7661e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.2304e-01	-1.9181e-01	
2.4747e-02	-1.1024e-01	2.4676e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.1702e-01	-6.9480e-02	
8.9643e-03	-3.9933e-02	8.9386e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.3434e-02	5.2389e-02	
2.0255e-01	-5.8780e-03	2.1237e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.8832e-01	6.8942e-02	
5.8602e-01	-7.0870e-03	2.3329e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.8159e-03	3.7518e-03	
1.2079e-02	-4.2500e-04	1.5546e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.4233e-02	7.2370e-02	
2.3405e-01	-8.2020e-03	2.9972e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.3966e-02	3.3187e-02	
1.2436e-01	3.7330e-03	1.3515e-01						
	110	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5566e-02	-2.8647e-03	
1.6378e-03	5.8120e-03	1.3019e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.2336e-01	-1.3863e-02	
1.0922e-02	1.2066e-02	3.6906e-01						

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3.9565e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1713e-01	-5.0217e-03	
1.4262e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-5.9873e-02	-2.1076e-01	-
6.2401e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.8364e-01	-4.2822e-01	-
1.1148e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.9747e-03	-1.3948e-02	-
2.1462e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.9097e-02	-2.6955e-01	-
9.1985e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.4192e-02	1.3162e-01	
3.0812e-03	85	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.7910e-02	-7.1046e-02
1.8032e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.5371e-01	-2.0670e-01	
6.5320e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2813e-01	-7.4873e-02	
1.9076e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-7.0987e-02	-3.4975e-01	
4.7935e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.8046e-01	-5.8648e-01	
1.1938e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.6759e-03	-2.4080e-02	
2.3102e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.1518e-02	-4.6490e-01	
1.1799e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.2473e-02	2.1998e-01	

Shell n.ro 59

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
3.0394e-03	110	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4797e-02	-2.7260e-03	
1.7935e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.1864e-01	-1.3026e-02	
6.4966e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.1542e-01	-4.7187e-03	
1.9003e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.2488e-02	-2.1161e-01	
4.8204e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-4.0377e-01	-4.3545e-01	
1.1851e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.0340e-03	-1.3959e-02	
2.2937e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-4.0297e-02	-2.6978e-01	
1.1751e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.5819e-02	1.3212e-01	
1.6288e-03	85	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.7009e-02	-7.0851e-02	
1.0851e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.4833e-01	-2.0551e-01	
3.9308e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.2618e-01	-7.4445e-02	
1.4333e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.4785e-02	-3.5019e-01	-
6.7747e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.1459e-01	-5.9010e-01	-
1.1158e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.6916e-03	-2.4084e-02	-
2.1484e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.1933e-02	-4.6499e-01	-
9.2404e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.4798e-02	2.2026e-01	

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	111	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.6330e-02	6.6130e-04	
1.8366e-03		-7.6680e-03	8.7599e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9564e-01	1.1576e-04	
1.0494e-02		-2.4264e-02	2.4638e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0709e-01	4.1930e-05	
3.8013e-03		-8.7890e-03	8.9248e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.6363e-02	1.8781e-01	
1.7880e-01		8.7100e-04	2.1258e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.9416e-01	2.2484e-01	
3.8324e-01		3.1590e-03	2.3498e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.6074e-03	1.3599e-02	
1.1667e-02		4.7300e-05	1.5549e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-3.2063e-02	2.6224e-01	
2.2554e-01		9.1900e-04	2.9979e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.1999e-02	1.1931e-01	
1.1149e-01		5.2600e-04	1.3527e-01					
	86	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.8424e-02	-6.7449e-02	
4.2604e-04		3.4928e-02	8.7599e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2493e-01	-1.9239e-01	
3.4106e-03		9.8450e-02	2.4638e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1770e-01	-6.9691e-02	
1.2355e-03		3.5663e-02	8.9248e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.1787e-02	5.2403e-02	-
1.5456e-01		1.3714e-02	2.1258e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.0740e-01	7.2671e-02	-
1.6655e-01		2.3701e-02	2.3498e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.5018e-03	3.7132e-03	-
1.1342e-02		9.3800e-04	1.5549e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-6.8260e-02	7.1642e-02	-
2.1867e-01		1.8117e-02	2.9979e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.2941e-02	3.3184e-02	
9.8376e-02		8.6190e-03	1.3527e-01					

Shell n.ro 60

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	111	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.5924e-02	7.1635e-04	
4.0347e-04		6.9310e-03	8.7606e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9320e-01	4.4960e-04	
3.3554e-03		1.9326e-02	2.4642e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0621e-01	1.6286e-04	
1.2154e-03		7.0010e-03	8.9263e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.8337e-02	1.8741e-01	-
1.5457e-01		3.1650e-03	2.1259e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-4.1037e-01	2.2152e-01	-
1.6916e-01		5.8020e-03	2.3504e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.6268e-03	1.3592e-02	-
1.1315e-02		2.1400e-04	1.5550e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-3.2489e-02	2.6211e-01	-
2.1814e-01		4.1310e-03	2.9981e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.3264e-02	1.1908e-01	
9.8388e-02		1.9860e-03	1.3527e-01					
	86	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.8166e-02	-6.7371e-02	
1.8112e-03		-3.5639e-02	8.7606e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2332e-01	-1.9191e-01	
1.0413e-02		-1.0323e-01	2.4642e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1712e-01	-6.9519e-02	
3.7719e-03		-3.7393e-02	8.9263e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.2707e-02	5.2225e-02	
1.7997e-01		-9.7940e-03	2.1259e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1437e-01	7.1356e-02	
3.8745e-01		-1.5542e-02	2.3504e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.5312e-03	3.7097e-03	
1.1722e-02		-6.8000e-04	1.5550e-02					

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		9	0.0000e+00	0.0000e+00	0.0000e+00	-6.8844e-02	7.1570e-02	
2.2661e-01		-1.3119e-02	2.9981e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3474e-02	3.3070e-02	
1.1224e-01		6.1770e-03	1.3527e-01					
	112	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4863e-02	-2.7391e-03	-
6.9126e-04		6.9310e-03	1.3018e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1935e-01	-1.3151e-02	-
3.4867e-03		1.9326e-02	3.6898e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1568e-01	-4.7636e-03	-
1.2630e-03		7.0010e-03	1.3366e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.2236e-02	-2.1268e-01	-
1.6691e-01		3.1650e-03	2.2555e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-4.1691e-01	-4.4359e-01	-
2.7762e-01		5.8020e-03	2.5638e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.8947e-03	-1.3961e-02	-
1.1494e-02		2.1400e-04	1.6444e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-3.7663e-02	-2.6985e-01	-
2.2191e-01		4.1310e-03	3.1706e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.5691e-02	1.3282e-01	
1.0507e-01		1.9860e-03	1.4343e-01					
	87	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.7185e-02	-7.0879e-02	
7.1652e-04		-3.5639e-02	1.3018e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4964e-01	-2.0573e-01	
3.5705e-03		-1.0323e-01	3.6898e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2665e-01	-7.4523e-02	
1.2934e-03		-3.7393e-02	1.3366e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.2954e-02	-3.5156e-01	
1.6763e-01		-9.7940e-03	2.2555e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1392e-01	-6.0082e-01	
2.7898e-01		-1.5542e-02	2.5638e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.5546e-03	-2.4091e-02	
1.1542e-02		-6.8000e-04	1.6444e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-6.9293e-02	-4.6517e-01	
2.2284e-01		-1.3119e-02	3.1706e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3639e-02	2.2112e-01	
1.0553e-01		6.1770e-03	1.4343e-01					

Shell n.ro 61

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	112	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4863e-02	-2.7391e-03	
6.9126e-04		-6.9310e-03	1.3018e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1935e-01	-1.3151e-02	
3.4867e-03		-1.9326e-02	3.6898e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1568e-01	-4.7636e-03	
1.2630e-03		-7.0010e-03	1.3366e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.2236e-02	-2.1268e-01	
1.6691e-01		-3.1650e-03	2.2555e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-4.1691e-01	-4.4359e-01	
2.7762e-01		-5.8020e-03	2.5638e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.8947e-03	-1.3961e-02	
1.1494e-02		-2.1400e-04	1.6444e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-3.7663e-02	-2.6985e-01	
2.2191e-01		-4.1310e-03	3.1706e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.5689e-02	1.3282e-01	
1.0508e-01		1.9870e-03	1.4343e-01					
	87	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.7185e-02	-7.0879e-02	-
7.1652e-04		3.5639e-02	1.3018e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4964e-01	-2.0573e-01	-
3.5705e-03		1.0323e-01	3.6898e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2665e-01	-7.4523e-02	-
1.2934e-03		3.7393e-02	1.3366e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.2954e-02	-3.5156e-01	-
1.6763e-01		9.7940e-03	2.2555e-01					

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2.7898e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1392e-01	-6.0082e-01	-
1.1542e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.5546e-03	-2.4091e-02	-
2.2284e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-6.9293e-02	-4.6517e-01	-
1.0553e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3638e-02	2.2112e-01	-
4.0347e-04	113	1	0.0000e+00	0.0000e+00	-4.5924e-02	7.1635e-04	-
3.3554e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9320e-01	4.4960e-04	-
1.2154e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0621e-01	1.6286e-04	-
1.5457e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-5.8337e-02	1.8741e-01	-
1.6916e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-4.1037e-01	2.2152e-01	-
1.1315e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.6268e-03	1.3592e-02	-
2.1814e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.2489e-02	2.6211e-01	-
9.8398e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.3263e-02	1.1908e-01	-
1.8112e-03	88	1	0.0000e+00	0.0000e+00	-5.8166e-02	-6.7371e-02	-
1.0413e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2332e-01	-1.9191e-01	-
3.7719e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1712e-01	-6.9519e-02	-
1.7997e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-7.2707e-02	5.2225e-02	-
3.8745e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1437e-01	7.1356e-02	-
1.1722e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.5312e-03	3.7097e-03	-
2.2661e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-6.8844e-02	7.1570e-02	-
1.1223e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3474e-02	3.3072e-02	-

Shell n.ro 62

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
1.8366e-03	113	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.6330e-02	6.6130e-04	-
1.0494e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.9564e-01	1.1576e-04	-
3.8013e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0709e-01	4.1930e-05	-
1.7880e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.6363e-02	1.8781e-01	-
3.8324e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.9416e-01	2.2484e-01	-
1.1667e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.6074e-03	1.3599e-02	-
2.2554e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.2063e-02	2.6224e-01	-
1.1148e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.1992e-02	1.1931e-01	-
4.2604e-04	88	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.8424e-02	-6.7449e-02	-
3.4106e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.2493e-01	-1.9239e-01	-

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	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1770e-01	-6.9691e-02	-	
1.2355e-03	-3.5663e-02	8.9248e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-7.1787e-02	5.2403e-02		
1.5456e-01	-1.3714e-02	2.1258e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.0740e-01	7.2671e-02		
1.6655e-01	-2.3701e-02	2.3498e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.5018e-03	3.7132e-03		
1.1342e-02	-9.3800e-04	1.5549e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	-6.8260e-02	7.1642e-02		
2.1867e-01	-1.8117e-02	2.9979e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.2939e-02	3.3186e-02		
9.8385e-02	8.6200e-03	1.3527e-01						
	114	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4797e-02	-2.7260e-03	-
3.0394e-03	7.6680e-03	1.3020e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1864e-01	-1.3026e-02	-	
1.7935e-02	2.4264e-02	3.6909e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1542e-01	-4.7187e-03	-	
6.4966e-03	8.7890e-03	1.3370e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-6.2488e-02	-2.1161e-01	-	
1.9003e-01	-8.7100e-04	2.2543e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-4.0377e-01	-4.3545e-01	-	
4.8204e-01	-3.1590e-03	2.5552e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.0340e-03	-1.3959e-02	-	
1.1851e-02	-4.7300e-05	1.6440e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	-4.0297e-02	-2.6978e-01	-	
2.2937e-01	-9.1900e-04	3.1699e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.5812e-02	1.3211e-01		
1.1750e-01	5.2700e-04	1.4336e-01						
	89	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.7009e-02	-7.0851e-02	-
1.6288e-03	-3.4928e-02	1.3020e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4833e-01	-2.0551e-01	-	
1.0851e-02	-9.8450e-02	3.6909e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2618e-01	-7.4445e-02	-	
3.9308e-03	-3.5663e-02	1.3370e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-7.4785e-02	-3.5019e-01		
1.4333e-01	-1.3714e-02	2.2543e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1459e-01	-5.9010e-01		
6.7747e-02	-2.3701e-02	2.5552e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.6916e-03	-2.4084e-02		
1.1158e-02	-9.3800e-04	1.6440e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.1933e-02	-4.6499e-01		
2.1484e-01	-1.8117e-02	3.1699e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.4796e-02	2.2026e-01		
9.2416e-02	8.6200e-03	1.4336e-01						

| Shell n.ro 63

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	114	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5566e-02	-2.8647e-03	-
1.6378e-03	-5.8120e-03	1.3019e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.2336e-01	-1.3863e-02	-
1.0922e-02	-1.2066e-02	3.6906e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.1713e-01	-5.0217e-03	-
3.9565e-03	-4.3710e-03	1.3369e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.9873e-02	-2.1076e-01	
1.4262e-01	-7.0850e-03	2.2534e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.8364e-01	-4.2822e-01	
6.2401e-02	-1.4250e-02	2.5463e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.9747e-03	-1.3948e-02	
1.1148e-02	-4.6900e-04	1.6441e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.9097e-02	-2.6955e-01	
2.1462e-01	-9.0700e-03	3.1699e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.4185e-02	1.3161e-01	
9.1995e-02	4.4260e-03	1.4331e-01						

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3.0812e-03	89	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.7910e-02	-7.1046e-02	-	
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.5371e-01	-2.0670e-01	-	
1.8032e-02		1.1024e-01	3.6906e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2813e-01	-7.4873e-02	-	
6.5320e-03		3.9933e-02	1.3369e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.0987e-02	-3.4975e-01	-	
1.9076e-01		5.8780e-03	2.2534e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.8046e-01	-5.8648e-01	-	
4.7935e-01		7.0870e-03	2.5463e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.6759e-03	-2.4080e-02	-	
1.1938e-02		4.2500e-04	1.6441e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.1518e-02	-4.6490e-01	-	
2.3102e-01		8.2020e-03	3.1699e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.2464e-02	2.1998e-01		
1.1797e-01		3.7330e-03	1.4331e-01						
	115	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.5920e-02	7.5117e-04	-	
2.7013e-03		-5.8120e-03	8.7661e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9262e-01	5.7109e-04	-	
1.7637e-02		-1.2066e-02	2.4676e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0600e-01	2.0687e-04	-	
6.3889e-03		-4.3710e-03	8.9386e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.8181e-02	1.8720e-01		
1.3084e-01		-7.0850e-03	2.1237e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.8026e-01	2.1589e-01	-	
4.4265e-02		-1.4250e-02	2.3329e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.8623e-03	1.3628e-02		
1.1006e-02		-4.6900e-04	1.5546e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-3.6925e-02	2.6278e-01		
2.1159e-01		-9.0700e-03	2.9972e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.3134e-02	1.1899e-01		
8.5721e-02		4.4260e-03	1.3515e-01						
	90	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.8223e-02	-6.7338e-02	-	
4.1447e-03		3.6717e-02	8.7661e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2304e-01	-1.9181e-01	-	
2.4747e-02		1.1024e-01	2.4676e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1702e-01	-6.9480e-02	-	
8.9643e-03		3.9933e-02	8.9386e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.3434e-02	5.2389e-02	-	
2.0255e-01		5.8780e-03	2.1237e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.8832e-01	6.8942e-02	-	
5.8602e-01		7.0870e-03	2.3329e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.8159e-03	3.7518e-03	-	
1.2079e-02		4.2500e-04	1.5546e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.4233e-02	7.2370e-02	-	
2.3405e-01		8.2020e-03	2.9972e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3956e-02	3.3185e-02		
1.2435e-01		3.7330e-03	1.3515e-01						
-----+									
-----+									
-----+									
Shell n.ro 64									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+									
	115	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.7217e-02	5.8942e-04	-	
4.2259e-03		9.6310e-03	8.7635e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.0036e-01	-4.0776e-04	-	
2.5153e-02		3.6664e-02	2.4661e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0880e-01	-1.4771e-04	-	
9.1115e-03		1.3281e-02	8.9331e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.2125e-02	1.8842e-01	-	
2.0022e-01		-4.6380e-03	2.1236e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.2728e-01	2.2647e-01	-	
5.7482e-01		-1.1023e-02	2.3319e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.8176e-03	1.3647e-02	-	
1.2008e-02		-2.9300e-04	1.5543e-02						

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		9	0.0000e+00	0.0000e+00	0.0000e+00	-3.5893e-02	2.6318e-01	-
2.3264e-01		-5.6700e-03	2.9967e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.9438e-02	1.1969e-01	
1.2289e-01		2.8730e-03	1.3515e-01					
	90	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.9092e-02	-6.7610e-02	-
2.6679e-03		-3.3117e-02	8.7635e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2848e-01	-1.9346e-01	-
1.7367e-02		-8.6979e-02	2.4661e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1899e-01	-7.0080e-02	-
6.2911e-03		-3.1507e-02	8.9331e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.0413e-02	5.2979e-02	
1.2967e-01		-1.7246e-02	2.1236e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.6501e-01	7.3615e-02	-
5.3899e-02		-3.0112e-02	2.3319e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.7047e-03	3.7640e-03	
1.1018e-02		-1.1800e-03	1.5543e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.2043e-02	7.2618e-02	
2.1177e-01		-2.2777e-02	2.9967e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.2209e-02	3.3545e-02	
8.5026e-02		1.0824e-02	1.3515e-01					
	116	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4484e-02	-2.7582e-03	-
5.6069e-03		9.6310e-03	1.3038e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1578e-01	-1.3021e-02	-
3.3546e-02		3.6664e-02	3.7025e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1439e-01	-4.7169e-03	-
1.2152e-02		1.3281e-02	1.3412e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.0283e-02	-2.0754e-01	-
2.0882e-01		-4.6380e-03	2.2496e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.3910e-01	-4.0233e-01	-
6.5108e-01		-1.1023e-02	2.5228e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.3933e-03	-1.3964e-02	-
1.2195e-02		-2.9300e-04	1.6430e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-4.7001e-02	-2.6974e-01	-
2.3642e-01		-5.6700e-03	3.1677e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.4557e-02	1.2962e-01	
1.2736e-01		2.8730e-03	1.4310e-01					
	91	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.6515e-02	-7.0934e-02	-
4.0489e-03		-3.3117e-02	1.3038e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4453e-01	-2.0582e-01	-
2.5760e-02		-8.6979e-02	3.7025e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2480e-01	-7.4557e-02	-
9.3312e-03		-3.1507e-02	1.3412e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.5944e-02	-3.4565e-01	-
1.2106e-01		-1.7246e-02	2.2496e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.7893e-01	-5.5315e-01	-
1.3016e-01		-3.0112e-02	2.5228e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.0502e-03	-2.4080e-02	-
1.0831e-02		-1.1800e-03	1.6430e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.8729e-02	-4.6478e-01	-
2.0799e-01		-2.2777e-02	3.1677e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.5626e-02	2.1752e-01	
8.0621e-02		1.0824e-02	1.4310e-01					

Shell n.ro 65

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	116	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6089e-02	-3.0440e-03	-
4.0834e-03		-2.4770e-03	1.3037e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2566e-01	-1.4734e-02	-
2.6122e-02		8.6890e-03	3.7017e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1797e-01	-5.3373e-03	-
9.4626e-03		3.1480e-03	1.3409e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.4380e-02	-2.0583e-01	-
1.2062e-01		-1.0495e-02	2.2481e-01					

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		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.8799e-01	-3.8656e-01	-
1.3635e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.2420e-03	-1.3945e-02	
1.0882e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-4.3964e-02	-2.6932e-01	
2.0892e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.1046e-02	1.2865e-01	
8.0434e-02		6.5510e-03	1.4302e-01					
5.6237e-03	91	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.8657e-02	-7.1398e-02	-
		3.9930e-02	1.3037e-01					
3.3354e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.5721e-01	-2.0862e-01	-
		1.3024e-01	3.7017e-01					
1.2082e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2940e-01	-7.5571e-02	-
		4.7178e-02	1.3409e-01					
2.0979e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.8599e-02	-3.4471e-01	-
		2.3680e-03	2.2481e-01					
6.4736e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.0500e-01	-5.4391e-01	-
		7.2300e-04	2.5073e-01					
1.2342e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.0745e-03	-2.4074e-02	-
		1.9900e-04	1.6432e-02					
2.3923e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.8958e-02	-4.6464e-01	-
		3.8200e-03	3.1682e-01					
1.2804e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.1449e-02	2.1697e-01	
		1.5440e-03	1.4302e-01					
4.9685e-03	117	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.4376e-02	1.0765e-03	-
		-2.4770e-03	8.7966e-02					
3.1886e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8205e-01	2.2670e-03	-
		8.6890e-03	2.4863e-01					
1.1551e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0217e-01	8.2121e-04	-
		3.1480e-03	9.0062e-02					
1.1163e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.4660e-02	1.8794e-01	
		-1.0495e-02	2.1195e-01					
2.2429e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.8706e-01	2.1806e-01	-
		-2.1327e-02	2.2868e-01					
1.0854e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.2681e-03	1.3766e-02	
		-6.9800e-04	1.5536e-02					
2.0812e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	-4.4466e-02	2.6540e-01	
		-1.3481e-02	2.9952e-01					
7.5977e-02		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.1235e-02	1.1957e-01	
		6.5510e-03	1.3493e-01					
6.5088e-03	92	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6944e-02	-6.7145e-02	-
		3.9930e-02	8.7966e-02					
3.9118e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1392e-01	-1.9092e-01	-
		1.3024e-01	2.4863e-01					
1.4170e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1371e-01	-6.9158e-02	-
		4.7178e-02	9.0062e-02					
2.1878e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.3402e-02	5.3620e-02	-
		2.3680e-03	2.1195e-01					
7.3530e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.1882e-01	7.5531e-02	-
		7.2300e-04	2.2868e-01					
1.2370e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.3604e-03	3.8988e-03	-
		1.9900e-04	1.5536e-02					
2.4004e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.4499e-02	7.5179e-02	-
		3.8200e-03	2.9952e-01					
1.3263e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.4392e-02	3.4021e-02	
		1.5440e-03	1.3493e-01					
-----+								
-----+								
-----+								
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	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+								
	117	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.6797e-02	8.0447e-04	-
6.8109e-03		1.5099e-02	8.7910e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9629e-01	6.3219e-04	-
4.0743e-02		7.0421e-02	2.4830e-01					

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1.4759e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0733e-01	2.2901e-04	-
2.1553e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-4.4517e-02	1.9003e-01	-
6.8186e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1116e-01	2.4303e-01	-
1.2326e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.2629e-03	1.3798e-02	-
2.3912e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-4.4052e-02	2.6606e-01	-
1.3077e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.5627e-02	1.2071e-01	-
4.7125e-03	92	1	0.0000e+00	0.0000e+00	-5.8694e-02	-6.7707e-02	-
3.0389e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2503e-01	-1.9435e-01	-
1.1008e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1774e-01	-7.0402e-02	-
1.0953e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-6.7308e-02	5.4782e-02	-
2.7630e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.9522e-01	9.0454e-02	-
1.0894e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.0741e-03	3.9252e-03	-
2.0881e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.8910e-02	7.5713e-02	-
7.4904e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.0802e-02	3.4690e-02	-
8.2095e-03	118	1	0.0000e+00	0.0000e+00	-5.0754e-02	-2.5494e-03	-
4.8828e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9125e-01	-1.1101e-02	-
1.7688e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0550e-01	-4.0211e-03	-
2.2015e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-5.4308e-02	-2.0071e-01	-
6.3397e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.2353e-01	-2.5004e-01	-
1.2573e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.9661e-03	-1.4074e-02	-
2.4391e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-5.7616e-02	-2.7160e-01	-
1.3317e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.1820e-02	1.2595e-01	-
6.1111e-03	93	1	0.0000e+00	0.0000e+00	-6.2839e-02	-7.1008e-02	-
3.8474e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2085e-01	-2.0563e-01	-
1.3937e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1622e-01	-7.4489e-02	-
1.0491e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-7.4868e-02	-3.3822e-01	-
2.2841e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.1405e-01	-3.9621e-01	-
1.0647e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.5497e-03	-2.4177e-02	-
2.0401e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-8.8113e-02	-4.6637e-01	-
7.2486e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.5470e-02	2.1353e-01	-

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Nodo	cond	S11	S22	S12	M11	M22	M12
T11	T22						

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6.1398e-03	118	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.3122e-02	-3.0313e-03	-	
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.0596e-01	-1.3950e-02	-	
3.9120e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1083e-01	-5.0532e-03	-	
1.4171e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-4.3873e-02	-1.9822e-01	-	
1.0558e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.7443e-02	-2.0928e-01	-	
2.7186e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.6414e-03	-1.4056e-02	-	
1.0832e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-5.1169e-02	-2.7120e-01	-	
2.0751e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.5874e-02	1.2463e-01	-	
7.3141e-02		93	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.7124e-02	-7.1856e-02	-
8.2326e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4578e-01	-2.1071e-01	-	
4.8352e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2525e-01	-7.6328e-02	-	
1.7515e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.5573e-02	-3.3676e-01	-	
2.2219e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	4.7677e-02	-3.6341e-01	-	
5.9208e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.7990e-03	-2.4179e-02	-	
1.2856e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-9.2524e-02	-4.6636e-01	-	
2.4931e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.1002e-02	2.1276e-01	-	
1.3466e-01		119	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.6205e-02	2.7708e-03	-
5.8912e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3038e-01	1.1719e-02	-	
3.8380e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.3453e-02	4.2452e-03	-	
1.3903e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-4.5701e-02	1.9194e-01	-	
1.0299e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.0659e-02	1.6578e-01	-	
3.4457e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.7763e-03	1.4184e-02	-	
1.1080e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-5.3768e-02	2.7341e-01	-	
2.1211e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.7049e-02	1.2232e-01	-	
7.2588e-02		94	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0241e-02	-6.5888e-02	-
7.9840e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7071e-01	-1.8415e-01	-	
4.7612e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.8062e-02	-6.6707e-02	-	
1.7247e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.2145e-02	5.8180e-02	-	
2.2478e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	3.0098e-02	2.6047e-02	-	
6.6480e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.2019e-03	4.3328e-03	-	
1.2607e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.0033e-01	8.3503e-02	-	
2.4471e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.5035e-02	3.7077e-02	-	
1.3531e-01								-	

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	Nodo T11	cond T22	S11	S22	S12	M11	M22	M12
-----+-----								
-----+-----								
	119	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.0057e-02	2.1219e-03	-
8.7996e-03		2.6282e-02	8.8699e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5203e-01	7.8424e-03	-
5.1838e-02		1.3902e-01	2.5319e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.1296e-02	2.8408e-03	-
1.8778e-02		5.0360e-02	9.1716e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-3.3195e-02	1.9479e-01	-
2.2141e-01		-9.9180e-03	2.1120e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.6542e-01	1.9193e-01	-
6.0626e-01		-1.9828e-02	2.3120e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.0130e-03	1.4228e-02	-
1.2711e-02		-6.5800e-04	1.5490e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-5.7841e-02	2.7432e-01	-
2.4656e-01		-1.2723e-02	2.9862e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.1381e-02	1.2381e-01	
1.3380e-01		6.1880e-03	1.3448e-01					
	94	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.2939e-02	-6.6550e-02	-
5.1139e-03		-1.5812e-02	8.8699e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8855e-01	-1.8817e-01	-
3.4242e-02		1.9378e-02	2.5319e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0452e-01	-6.8164e-02	-
1.2404e-02		7.0200e-03	9.1716e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.1087e-02	6.0042e-02	-
1.0080e-01		-2.1761e-02	2.1120e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	5.2780e-02	4.1656e-02	-
4.0202e-01		-2.5203e-02	2.3120e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.5102e-03	4.3803e-03	-
1.1270e-02		-1.5440e-03	1.5490e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.6939e-02	8.4456e-02	-
2.1563e-01		-2.9794e-02	2.9862e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.8243e-02	3.8090e-02	
7.1929e-02		1.3733e-02	1.3448e-01					
	120	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.6694e-02	-1.6713e-03	-
9.4095e-03		2.6282e-02	1.3079e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.0209e-01	-3.6050e-03	-
5.3638e-02		1.3902e-01	3.7284e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.3203e-02	-1.3059e-03	-
1.9430e-02		5.0360e-02	1.3506e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-4.4147e-02	-1.9284e-01	-
2.2163e-01		-9.9180e-03	2.2304e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.5531e-01	-5.9979e-02	-
5.3342e-01		-1.9828e-02	2.3658e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.8191e-03	-1.4574e-02	-
1.3219e-02		-6.5800e-04	1.6375e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.3381e-02	-2.8079e-01	-
2.5614e-01		-1.2723e-02	3.1569e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.8334e-02	1.2296e-01	
1.3464e-01		6.1880e-03	1.4202e-01					
	95	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.9753e-02	-7.0296e-02	-
5.7238e-03		-1.5812e-02	1.3079e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3941e-01	-1.9919e-01	-
3.6042e-02		1.9378e-02	3.7284e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.6724e-02	-7.2153e-02	-
1.3056e-02		7.0200e-03	1.3506e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.9951e-02	-3.2971e-01	-
1.0058e-01		-2.1761e-02	2.2304e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.4719e-02	-2.0231e-01	-
3.2919e-01		-2.5203e-02	2.3658e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.0819e-03	-2.4659e-02	-
1.0763e-02		-1.5440e-03	1.6375e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-9.7994e-02	-4.7519e-01	-
2.0605e-01		-2.9794e-02	3.1569e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3727e-02	2.1019e-01	
7.0943e-02		1.3733e-02	1.4202e-01					
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Shell n.ro 69									
+-----+ -----+									
	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
+-----+ -----+									
	120	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.9562e-02	-2.7234e-03	-	
5.6965e-03		1.9174e-02	1.3091e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.2069e-01	-9.7438e-03	-	
3.7467e-02		1.4148e-01	3.7345e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.9943e-02	-3.5296e-03	-	
1.3572e-02		5.1248e-02	1.3528e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-2.9789e-02	-1.9029e-01	-	
1.0435e-01		-1.4530e-02	2.2310e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.0998e-01	-4.2135e-02	-	
3.3377e-01		-2.0709e-02	2.3466e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.2889e-03	-1.4600e-02	-	
1.1238e-02		-1.0090e-03	1.6409e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-6.2937e-02	-2.8120e-01	-	
2.1514e-01		-1.9483e-02	3.1633e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.0475e-02	1.2180e-01	-	
7.3783e-02		9.1330e-03	1.4213e-01						
	95	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6703e-02	-7.1208e-02	-	
9.4889e-03		6.2296e-02	1.3091e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7749e-01	-2.0438e-01	-	
5.2368e-02		2.6736e-01	3.7345e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0052e-01	-7.4036e-02	-	
1.8970e-02		9.6847e-02	1.3528e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.4298e-02	-3.2826e-01	-	
2.2674e-01		-1.8660e-03	2.2310e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.2307e-01	-1.9155e-01	-	
5.2942e-01		-1.2010e-02	2.3466e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-6.0088e-03	-2.4712e-02	-	
1.3797e-02		-6.7400e-05	1.6409e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.1529e-01	-4.7615e-01	-	
2.6719e-01		-1.3290e-03	3.1633e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3120e-02	2.0962e-01	-	
1.3831e-01		1.0840e-03	1.4213e-01						
	121	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4067e-02	6.8327e-03	-	
2.7784e-03		1.9174e-02	8.7792e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-9.2611e-02	3.3253e-02	-	
2.2264e-02		1.4148e-01	2.4757e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-3.3548e-02	1.2046e-02	-	
8.0647e-03		5.1248e-02	8.9680e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-3.2556e-02	2.0368e-01	-	
1.1252e-01		-1.4530e-02	2.1044e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.0509e-01	1.8529e-01	-	
2.8086e-01		-2.0709e-02	2.2596e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.4850e-03	1.5238e-02	-	
1.1964e-02		-1.0090e-03	1.5467e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-6.6721e-02	2.9364e-01	-	
2.2907e-01		-1.9483e-02	2.9817e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.2219e-02	1.3021e-01	-	
7.9536e-02		9.1330e-03	1.3407e-01						
	96	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.1237e-02	-6.1488e-02	-	
6.5709e-03		6.2296e-02	8.7792e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4984e-01	-1.6057e-01	-	
3.7164e-02		2.6736e-01	2.4757e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.4278e-02	-5.8164e-02	-	
1.3462e-02		9.6847e-02	8.9680e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.1787e-02	7.0466e-02	-	
2.1857e-01		-1.8660e-03	2.1044e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.0749e-01	4.6581e-02	-	
4.7651e-01		-1.2010e-02	2.2596e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-6.4862e-03	5.4103e-03	-	
1.3071e-02		-6.7400e-05	1.5467e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.2453e-01	1.0420e-01	-	
2.5326e-01		-1.3290e-03	2.9817e-01						

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		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.7728e-02	4.5275e-02		
1.3254e-01		1.0840e-03	1.3407e-01						
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+-----+-----									
Shell n.ro 70									
Nodo	cond	S11	S22	S12	M11	M22	M12		
T11	T22								
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121	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0307e-02	4.4083e-03	-		
8.2835e-03	3.4677e-02	8.8094e-02							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2342e-01	1.8704e-02	-		
4.4489e-02	1.9045e-01	2.4972e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4708e-02	6.7753e-03	-		
1.6116e-02	6.8987e-02	9.0459e-02							
	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.1955e-02	2.0676e-01	-		
2.1549e-01	-8.9860e-03	2.1017e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.7551e-01	1.9644e-01	-		
4.4477e-01	-1.5753e-02	2.2659e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.1416e-03	1.5304e-02	-		
1.3454e-02	-5.9500e-04	1.5416e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.8770e-02	2.9499e-01	-		
2.6038e-01	-1.1502e-02	2.9720e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.9507e-02	1.3178e-01			
1.3205e-01	5.5920e-03	1.3382e-01							
	96	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3487e-02	-6.0762e-02		
1.0860e-03	2.4350e-03	8.8094e-02							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6927e-01	-1.5607e-01	-		
1.4943e-02	1.3112e-01	2.4972e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.1316e-02	-5.6534e-02	-		
5.4130e-03	4.7498e-02	9.0459e-02							
	6	0.0000e+00	0.0000e+00	0.0000e+00	-5.9133e-02	7.2036e-02	-		
1.1066e-01	-2.3285e-02	2.1017e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.1102e-01	5.0220e-02	-		
3.1167e-01	-2.1795e-02	2.2659e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	-5.3691e-03	5.4361e-03	-		
1.2439e-02	-1.7300e-03	1.5416e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.0307e-01	1.0474e-01	-		
2.3798e-01	-3.3339e-02	2.9720e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.9223e-02	4.6035e-02			
7.9947e-02	1.4865e-02	1.3382e-01							
	122	1	0.0000e+00	0.0000e+00	0.0000e+00	-8.6682e-03	-1.8952e-03		
8.1172e-03	3.4677e-02	1.2034e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.2743e-02	3.3050e-03	-		
3.5265e-02	1.9045e-01	3.0904e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.2386e-03	1.1972e-03	-		
1.2775e-02	6.8987e-02	1.1195e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	-3.3241e-02	-1.8549e-01	-		
2.0812e-01	-8.9860e-03	2.2447e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.6637e-01	3.1754e-02	-		
3.2943e-01	-1.5753e-02	2.3263e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.9970e-03	-1.5788e-02	-		
1.4201e-02	-5.9500e-04	1.6551e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	-9.5249e-02	-3.0345e-01	-		
2.7423e-01	-1.1502e-02	3.1904e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.6600e-02	1.2263e-01			
1.3025e-01	5.5920e-03	1.4309e-01							
	97	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1912e-02	-6.7102e-02		
9.1963e-04	2.4350e-03	1.2034e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.8800e-02	-1.7144e-01	-		
5.7190e-03	1.3112e-01	3.0904e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.4922e-02	-6.2103e-02	-		
2.0716e-03	4.7498e-02	1.1195e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	-6.8034e-02	-3.2264e-01	-		
1.1804e-01	-2.3285e-02	2.2447e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	9.6676e-02	-1.0928e-01	-		
1.9633e-01	-2.1795e-02	2.3263e-01							

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1.1692e-02		8		0.0000e+00		0.0000e+00		0.0000e+00		-5.9680e-03		-2.5916e-02				
		9		0.0000e+00		0.0000e+00		0.0000e+00		-1.1464e-01		-4.9868e-01				
2.2413e-01				-3.3339e-02		3.1904e-01										
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		4.4761e-02		2.1007e-01				
8.1523e-02				1.4865e-02		1.4309e-01										
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Shell n.ro 71																
		Nodo		cond		S11		S22		S12		M11		M22		M12
		T11		T22												
-----+-----																
		122		1		0.0000e+00		0.0000e+00		0.0000e+00		-1.3228e-02		-4.6985e-03		-
1.0118e-03				1.5972e-02		1.2082e-01										
		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-5.9136e-02		-1.2897e-02		-
1.3502e-02				1.2215e-01		3.1133e-01										
		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-2.1421e-02		-4.6718e-03		-
4.8911e-03				4.4248e-02		1.1278e-01										
		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-6.3938e-02		-1.8783e-01		-
1.1479e-01				-1.2887e-02		2.2348e-01										
		7		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		2.4046e-01		3.4612e-02		-
1.9528e-01				-1.3045e-02		2.3049e-01										
		8		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-7.7061e-03		-1.6150e-02		-
1.1556e-02				-9.5400e-04		1.6504e-02										
		9		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.4728e-01		-3.1035e-01		-
2.2146e-01				-1.8397e-02		3.1814e-01										
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		4.7319e-02		1.2465e-01		-
7.9834e-02				8.2300e-03		1.4253e-01										
		97		1		0.0000e+00		0.0000e+00		0.0000e+00		-2.9018e-02		-6.6632e-02		-
8.0846e-03				5.9803e-02		1.2082e-01										
		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-9.3135e-02		-1.6739e-01		-
2.7618e-02				2.5143e-01		3.1133e-01										
		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-3.3737e-02		-6.0634e-02		-
1.0004e-02				9.1079e-02		1.1278e-01										
		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-5.8583e-02		-3.2455e-01		-
2.0613e-01				3.3310e-03		2.2348e-01										
		7		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		1.3044e-01		-1.1057e-01		-
3.3057e-01				-7.6940e-03		2.3049e-01										
		8		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-6.4768e-03		-2.6198e-02		-
1.4170e-02				3.7400e-04		1.6504e-02										
		9		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.2394e-01		-5.0405e-01		-
2.7358e-01				7.1520e-03		3.1814e-01										
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		4.2321e-02		2.1171e-01		-
1.2938e-01				2.4130e-03		1.4253e-01										
		123		1		0.0000e+00		0.0000e+00		0.0000e+00		1.0469e-02		8.4551e-03		-
1.8532e-03				1.5972e-02		7.6991e-02										
		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		5.7682e-02		2.7189e-02		-
1.0858e-02				1.2215e-01		1.8205e-01										
		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		2.0895e-02		9.8489e-03		-
3.9331e-03				4.4248e-02		6.5946e-02										
		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-6.4947e-02		1.9474e-01		-
8.9568e-02				-1.2887e-02		2.0727e-01										
		7		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		2.3664e-01		1.9301e-01		-
1.2509e-01				-1.3045e-02		2.2514e-01										
		8		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-7.7507e-03		1.4551e-02		-
8.9983e-03				-9.5400e-04		1.5176e-02										
		9		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.4816e-01		2.8041e-01		-
1.7245e-01				-1.8397e-02		2.9259e-01										
		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		4.7891e-02		1.2464e-01		-
6.2494e-02				8.2300e-03		1.3190e-01										
		98		1		0.0000e+00		0.0000e+00		0.0000e+00		-5.3154e-03		-5.3347e-02		-
5.2196e-03				5.9803e-02		7.6991e-02										
		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		2.3731e-02		-1.2694e-01		-
2.4973e-02				2.5143e-01		1.8205e-01										
		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		8.5964e-03</				

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2.3135e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-6.3552e-02	6.2021e-02	-
2.6038e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	1.2129e-01	5.3187e-02	-
1.6728e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-6.7954e-03	4.7818e-03	-
3.2260e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.3010e-01	9.2088e-02	-
1.4665e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.5367e-02	4.0072e-02	-
	2.4130e-03	1.3190e-01					
-----+-----							
+-----+-----							
-----+-----							
Shell n.ro 72							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+-----							
6.0192e-03	123	1	0.0000e+00	0.0000e+00	0.0000e+00	6.8158e-03	6.4194e-03
2.1710e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	1.3640e-02	1.0132e-02	-
7.8644e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	4.9410e-03	3.6701e-03	-
1.9701e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	5.9411e-02	1.9437e-01	-
2.0586e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	1.4970e-01	1.7194e-01	-
1.4577e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	3.4262e-03	1.4705e-02	-
2.8098e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	6.6449e-02	2.8331e-01	-
1.2576e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.5817e-02	1.2477e-01	-
2.6427e-03	98	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.7012e-03	-5.2519e-02
1.4129e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3837e-02	-1.2621e-01	-
5.1182e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0123e-03	-4.5718e-02	-
5.6129e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.1097e-01	5.7775e-02	-
1.7872e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.6996e-02	2.9207e-02	-
6.9139e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.7899e-02	4.6423e-03	-
1.3210e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.4405e-01	8.9326e-02	-
4.2296e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3981e-01	3.7717e-02	-
3.7317e-03	124	1	0.0000e+00	0.0000e+00	0.0000e+00	5.2488e-03	-4.2396e-03
2.1556e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	3.3493e-02	5.1588e-03	-
7.8086e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2132e-02	1.8687e-03	-
4.9370e-03	6	0.0000e+00	0.0000e+00	0.0000e+00	5.3127e-02	-1.0995e-01	-
9.0645e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	1.4562e-01	1.3849e-01	-
1.4639e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	2.9326e-03	-1.1121e-02	-
2.7753e-02	9	0.0000e+00	0.0000e+00	0.0000e+00	5.6946e-02	-2.1310e-01	-
5.9092e-03	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.1747e-02	7.7092e-02	-
4.9302e-03	99	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.2736e-03	-6.3279e-02
	-1.9487e-02	1.1128e-01					

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1.3975e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	6.1110e-03	-1.3149e-01	-
5.0623e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	2.2137e-03	-4.7631e-02	-
2.5808e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.1603e-01	-2.4780e-01	-
6.3511e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.1199e-02	-4.1275e-03	-
2.2955e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.8286e-02	-2.1294e-02	-
4.4083e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-3.5149e-01	-4.0920e-01	-
1.7353e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4307e-01	1.6491e-01	-
	9.5840e-03	1.4357e-01					
-----+							
-----+							
-----+							
Shell n.ro 73							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+							
1.7096e-02	38	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5166e-02	-9.1997e-02
5.4960e-02		2.0651e-02	-1.0202e-01				
1.9909e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2382e-02	-1.9117e-01
2.8841e-01		1.0734e-02	-1.5057e-01				
9.4082e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4853e-03	-6.9249e-02
2.5718e-02		3.8880e-03	-5.4543e-02				
4.9388e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	3.4708e-01	1.1066e+00
1.9392e-01		-1.8290e-03	6.9213e-01				
7.4917e-03		7	0.0000e+00	0.0000e+00	0.0000e+00	1.5113e-01	6.3427e-01
4.1483e-02		4.6410e-03	7.2274e-01				
1.5027e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	2.7974e-02	8.7085e-02
6.7005e-02		-2.2400e-04	5.1014e-02				
1.2940e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	5.3824e-01	1.6764e+00
6.9528e-03		-4.2840e-03	9.8339e-01				
2.4030e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.2660e-01	7.1746e-01
8.7410e-05		1.3830e-03	4.4119e-01				
6.4817e-04		125	0.0000e+00	0.0000e+00	0.0000e+00	-2.9698e-03	-3.6989e-02
		1	0.0000e+00	0.0000e+00	0.0000e+00	-6.9696e-03	-1.1099e-01
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5247e-03	-4.0206e-02
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2215e-01	6.7074e-01
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2215e-01	6.7074e-01
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1325e-01	1.7855e-01
		8	0.0000e+00	0.0000e+00	0.0000e+00	-9.0122e-03	5.4969e-02
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.7372e-01	1.0573e+00
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.7761e-02	4.3968e-01
		39	0.0000e+00	0.0000e+00	0.0000e+00	-1.1032e-02	-7.9640e-02
		1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9391e-02	-1.7654e-01
		3	0.0000e+00	0.0000e+00	0.0000e+00	-7.0243e-03	-6.3949e-02
		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.0243e-03	-6.3949e-02
		3.8880e-03	-3.8443e-02				
		6	0.0000e+00	0.0000e+00	0.0000e+00	3.4706e-01	8.3845e-01
		-1.8290e-03	6.9503e-01				
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.5386e-01	5.9036e-01
		4.6410e-03	7.2882e-01				
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.7939e-02	6.4369e-02
		9	0.0000e+00	0.0000e+00	0.0000e+00	5.3757e-01	1.2397e+00
		-4.2840e-03	9.8654e-01				

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1.5456e-02		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		2.2652e-01		5.3967e-01	
6.5039e-03		126		1.3830e-03		4.4292e-01		0.0000e+00		1.0984e-03		-2.4654e-02	
5.0473e-02				0.0000e+00		0.0000e+00		0.0000e+00		-1.4333e-02		-9.6145e-02	
1.8283e-02		3		-7.5380e-03		-7.3828e-02		0.0000e+00		-5.1920e-03		-3.4827e-02	
2.5350e-01				-3.3711e-02		-1.0612e-01		0.0000e+00		-1.2624e-01		4.0663e-01	
1.8678e-02		4		0.0000e+00		0.0000e+00		0.0000e+00		-9.3588e-03		3.2563e-02	
3.6006e-01		6		-1.2212e-02		-3.8443e-02		0.0000e+00		8.0471e-02		2.6449e-01	
1.6168e-01				-4.7290e-03		6.9503e-01		0.0000e+00					
		7		0.0000e+00		0.0000e+00		0.0000e+00					
		8		-1.4460e-03		7.2882e-01		0.0000e+00					
		9		-3.8700e-04		5.1176e-02		0.0000e+00					
				0.0000e+00		0.0000e+00		0.0000e+00					
				-7.4350e-03		9.8654e-01		0.0000e+00					
				0.0000e+00		0.0000e+00		0.0000e+00					
				0.0000e+00		0.0000e+00		0.0000e+00					
				3.0980e-03		4.4292e-01		0.0000e+00					
	-----+												
	-----+												
	-----+												
	Shell n.ro 74												
		Nodo		cond		S11		S22		S12		M11	
		T11		T22								M22	
												M12	
	-----+												
	39			1		0.0000e+00		0.0000e+00		0.0000e+00		-1.4533e-02	
9.6086e-03				-5.5274e-02		-7.3110e-02		0.0000e+00		-1.5205e-02		-1.9312e-01	
5.6293e-02				3		0.0000e+00		0.0000e+00		-5.5077e-03		-6.9957e-02	
2.0392e-02				4		0.0000e+00		0.0000e+00		2.9826e-02		8.2907e-01	
2.7748e-01				6		0.0000e+00		0.0000e+00		-2.1550e-02		5.8275e-01	
3.3306e-01				7		0.0000e+00		0.0000e+00		3.1953e-03		6.3659e-02	
1.9851e-02				8		0.0000e+00		0.0000e+00		6.1174e-02		1.2261e+00	
3.8291e-01				9		0.0000e+00		0.0000e+00		2.1610e-02		5.3366e-01	
1.7545e-01						0.0000e+00		0.0000e+00		2.1610e-02		5.3366e-01	
1.3020e-02		126		1		0.0000e+00		0.0000e+00		-2.9222e-03		-2.2657e-02	
5.8241e-02				3		0.0000e+00		0.0000e+00		-1.4043e-02		-7.8663e-02	
2.1097e-02				4		0.0000e+00		0.0000e+00		-5.0869e-03		-2.8495e-02	
1.0388e-02				6		0.0000e+00		0.0000e+00		1.3609e-01		4.0502e-01	
1.8450e-01				7		0.0000e+00		0.0000e+00		-5.2254e-04		1.3331e-01	
1.0855e-03				8		0.0000e+00		0.0000e+00		1.1350e-02		3.2467e-02	
2.0142e-02				9		0.0000e+00		0.0000e+00		2.1823e-01		6.2475e-01	
4.1224e-03						0.0000e+00		0.0000e+00		8.9467e-02		2.6350e-01	
1.0018e-02		40		1		0.0000e+00		0.0000e+00		-3.4257e-02		-9.1261e-02	
7.4237e-02				3		0.0000e+00		0.0000e+00		-1.0523e-01		-2.1349e-01	
2.6892e-02				4		0.0000e+00		0.0000e+00		-3.8118e-02		-7.7333e-02	
1.1352e-01				6		0.0000e+00		0.0000e+00		3.4485e-02		1.1565e+00	
2.3724e-01				7		0.0000e+00		0.0000e+00		-1.8220e-02		7.6599e-01	
				8		0.0000e+00		0.0000e+00					
				9		0.0000e+00		0.0000e+00					
						0.0000e+00		0.0000e+00					
				1.5537e-02		9.6565e-01		0.0000e+00					
						0.0000e+00		0.0000e+00					
				6.8500e-03		4.3396e-01		0.0000e+00					
				1		0.0000e+00		0.0000e+00					
				3		0.0000e+00		0.0000e+00					
				4		0.0000e+00		0.0000e+00					
				6		0.0000e+00		0.0000e+00					
				7		0.0000e+00		0.0000e+00					
				8		0.0000e+00		0.0000e+00					
				9		0.0000e+00		0.0000e+00					
						0.0000e+00		0.0000e+00					
				1.9860e-02		6.9036e-01		0.0000e+00					
				1.3409e-02		7.2660e-01		0.0000e+00					

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		8	0.0000e+00	0.0000e+00	0.0000e+00	3.5599e-03	8.9305e-02	
7.4982e-03		1.5440e-03	5.0829e-02		0.0000e+00	6.8192e-02	1.7198e+00	
		9	0.0000e+00	0.0000e+00	0.0000e+00			
1.4491e-01		2.9736e-02	9.7985e-01		0.0000e+00	2.4628e-02	7.4550e-01	
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00			
7.0846e-02		1.2843e-02	4.3996e-01		0.0000e+00			
	127	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2670e-02	-3.0605e-02	
1.3429e-02		-7.8290e-03	-1.2055e-01		0.0000e+00			
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0374e-01	-9.8849e-02	
7.6185e-02		-6.2179e-02	-2.6460e-01		0.0000e+00			
		4	0.0000e+00	0.0000e+00	0.0000e+00	-3.7577e-02	-3.5807e-02	
2.7597e-02		-2.2524e-02	-9.5849e-02		0.0000e+00			
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.5055e-01	7.2258e-01	-
1.5357e-01		1.0690e-02	6.9036e-01		0.0000e+00			
		7	0.0000e+00	0.0000e+00	0.0000e+00	9.9201e-03	3.0942e-01	
8.8680e-02		8.6110e-03	7.2660e-01		0.0000e+00			
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.2456e-02	5.7369e-02	-
1.3438e-02		8.0600e-04	5.0829e-02		0.0000e+00			
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.3953e-01	1.1042e+00	-
2.5814e-01		1.5537e-02	9.7985e-01		0.0000e+00			
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.8761e-02	4.6905e-01	
1.0210e-01		6.8500e-03	4.3996e-01					
+-----+								
+-----+								
+-----+								
Shell n.ro 75								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
+-----+								
	40	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2303e-02	-9.4664e-02	
1.3727e-02		2.4190e-03	-1.1958e-01		0.0000e+00			
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1256e-01	-2.3573e-01	
8.4457e-02		-9.9973e-02	-2.5925e-01		0.0000e+00			
		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.0775e-02	-8.5390e-02	
3.0594e-02		-3.6214e-02	-9.3912e-02		0.0000e+00			
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.9868e-01	1.1618e+00	-
1.4891e-01		2.4190e-03	6.9742e-01		0.0000e+00			
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.7658e-01	7.7543e-01	
1.2540e-01		1.0823e-02	7.3422e-01		0.0000e+00			
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4433e-02	8.9562e-02	-
1.3423e-02		1.0000e-04	5.1320e-02		0.0000e+00			
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.7831e-01	1.7248e+00	-
2.5772e-01		1.9600e-03	9.8933e-01		0.0000e+00			
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2568e-01	7.4851e-01	
9.9827e-02		1.3980e-03	4.4437e-01		0.0000e+00			
	127	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0294e-02	-2.6335e-02	
9.8314e-03		-1.8696e-02	-1.1958e-01		0.0000e+00			
		3	0.0000e+00	0.0000e+00	0.0000e+00	-8.1503e-02	-7.3626e-02	
6.6289e-02		-1.0215e-01	-2.5925e-01		0.0000e+00			
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.9524e-02	-2.6670e-02	
2.4012e-02		-3.7002e-02	-9.3912e-02		0.0000e+00			
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.2139e-03	7.2044e-01	
1.0471e-01		4.0290e-03	6.9742e-01		0.0000e+00			
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1721e-01	3.1351e-01	
1.9859e-01		5.2310e-03	7.3422e-01		0.0000e+00			
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.3187e-03	5.7059e-02	
7.1565e-03		2.8900e-04	5.1320e-02		0.0000e+00			
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.4931e-02	1.0982e+00	
1.3819e-01		5.5660e-03	9.8933e-01		0.0000e+00			
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3171e-03	4.6728e-01	
6.5848e-02		2.5550e-03	4.4437e-01		0.0000e+00			
	42	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.7495e-02	-9.0871e-02	
1.4978e-02		2.4190e-03	-9.8463e-02		0.0000e+00			
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7639e-01	-2.2593e-01	
8.4927e-02		-9.9973e-02	-2.5708e-01		0.0000e+00			
		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.3895e-02	-8.1840e-02	
3.0764e-02		-3.6214e-02	-9.3124e-02					

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5.3037e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	2.0627e-01	8.5219e-01	-
2.9427e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	1.8251e-01	6.8769e-01	
7.4426e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	1.5014e-02	6.4427e-02	-
1.4198e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.8950e-01	1.2413e+00	-
4.1743e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3057e-01	5.4637e-01	
1.1082e-02	128	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5283e-02	-2.2810e-02
6.6758e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4411e-01	-6.5052e-02	
2.4183e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2202e-02	-2.3565e-02	
2.0058e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.3468e-03	4.2203e-01	
3.6746e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1310e-01	2.2758e-01	
1.3137e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	9.8096e-04	3.2844e-02	
2.5394e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.8453e-02	6.3239e-01	
1.2432e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.3752e-03	2.7244e-01	
	2.5550e-03	4.4320e-01					
-----+							
-----+							
-----+							
Shell n.ro 76							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+							
1.2059e-02	42	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.9674e-02	-9.4431e-02
7.1357e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.8052e-01	-2.4728e-01
2.5848e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.5393e-02	-8.9574e-02
2.2088e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1902e-01	8.5081e-01
4.6507e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.6544e-02	6.8418e-01
1.3524e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	9.4637e-03	6.4338e-02
2.6187e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.8214e-01	1.2395e+00
1.3470e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.7146e-02	5.4551e-01
1.4012e-02	128	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0804e-02	-1.8789e-02
8.0332e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.2297e-01	-4.0299e-02
2.9099e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-4.4545e-02	-1.4598e-02
6.8824e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	9.0666e-02	4.2436e-01
2.0000e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.7872e-02	2.3210e-01
7.4884e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.6887e-03	3.2964e-02
1.4333e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2893e-01	6.3473e-01
4.8918e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.7291e-02	2.7380e-01
8.8503e-03	43	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.0801e-02	-1.0097e-01
	-5.6910e-02	-1.4418e-01					

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5.7400e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7915e-01	-2.7742e-01		
2.0792e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0112e-01	-1.0049e-01		
1.6610e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.2327e-01	1.2083e+00		
3.9648e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	4.9085e-02	1.0136e+00		
1.0091e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	9.7973e-03	9.0257e-02		
1.9543e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.8856e-01	1.7394e+00		
1.0132e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.9901e-02	7.7174e-01		
1.0803e-02	129	1	0.0000e+00	0.0000e+00	-4.1775e-02	-2.5340e-02		
6.6375e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.2066e-01	-7.0884e-02		
2.4044e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.9932e-02	-2.5677e-02		
1.2360e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.0988e-01	7.6691e-01		-
1.3141e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	4.8344e-02	5.4355e-01		
1.0921e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	8.0774e-03	5.7827e-02		-
2.0976e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.5572e-01	1.1142e+00		-
8.2157e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.9463e-02	4.9060e-01		
-----+-----								
-----+-----								
-----+-----								
Shell n.ro 77								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+-----								
1.0462e-02	43	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6853e-02	-1.0225e-01	
6.4872e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.6082e-01	-2.8547e-01	
2.3499e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.4480e-02	-1.0341e-01	
1.1736e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.9264e-01	1.2114e+00	-
2.0829e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.2318e-01	1.0214e+00	
1.1053e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3411e-02	9.0386e-02	-
2.1206e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.5886e-01	1.7419e+00	-
7.9520e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2087e-01	7.7350e-01	
9.2790e-03	129	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.0626e-02	-2.3046e-02	
5.9201e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.0921e-01	-5.6881e-02	
2.1445e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.5784e-02	-2.0604e-02	
1.5435e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.2136e-02	7.6813e-01	
3.1551e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.4084e-02	5.5006e-01	
9.8122e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.0399e-03	5.7814e-02	
1.8981e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	9.6959e-02	1.1140e+00	

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	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.0096e-02	4.9115e-01			
9.5091e-02	2.0210e-03	4.4482e-01							
	45 1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5682e-02	-1.0043e-01			
1.0014e-02	1.9276e-02	-1.0912e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8583e-01	-2.8277e-01			
5.9235e-02	3.0690e-03	-3.2218e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0354e-01	-1.0243e-01			
2.1457e-02	1.1120e-03	-1.1671e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.0100e-01	8.7894e-01	-		
7.5630e-02	2.0770e-03	6.9743e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.2968e-01	8.9237e-01			
3.6229e-01	1.2166e-02	7.5533e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4050e-02	6.4829e-02	-		
8.9616e-03	1.0200e-04	5.1151e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.7116e-01	1.2497e+00	-		
1.7132e-01	1.9830e-03	9.8615e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2624e-01	5.5999e-01			
5.5069e-02	1.2480e-03	4.4405e-01							
	130 1	0.0000e+00	0.0000e+00	0.0000e+00	-3.9275e-02	-2.1518e-02			
8.8310e-03	-1.5246e-02	-1.0912e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3296e-01	-5.5701e-02			
5.3564e-02	-8.1013e-02	-3.2218e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.4386e-02	-2.0177e-02			
1.9403e-02	-2.9346e-02	-1.1671e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	5.7055e-02	4.4907e-01			
1.9608e-01	3.1570e-03	6.9743e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	-5.0357e-02	4.2377e-01			
4.6952e-01	4.1950e-03	7.5533e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	4.6105e-03	3.3326e-02			
1.1904e-02	2.3300e-04	5.1151e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	8.8704e-02	6.4233e-01			
2.3055e-01	4.4900e-03	9.8615e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.6763e-02	2.8634e-01			
1.1984e-01	2.0210e-03	4.4405e-01							
-----+-----									
-----+-----									
-----+-----									
Shell n.ro 78									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+-----									
	45	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5680e-02	-1.0127e-01		
8.8504e-03	-4.5197e-02	-1.0891e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8265e-01	-2.8778e-01			
5.3444e-02	-1.6390e-01	-3.2072e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0239e-01	-1.0424e-01			
1.9359e-02	-5.9372e-02	-1.1618e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.6065e-01	8.7797e-01			
2.1597e-01	1.9467e-02	6.9563e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	5.6065e-02	8.8929e-01			
6.1476e-01	2.4662e-02	7.4739e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.2048e-02	6.4779e-02			
1.2406e-02	1.3700e-03	5.1062e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.3216e-01	1.2487e+00			
2.4062e-01	2.6433e-02	9.8440e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.0242e-01	5.5942e-01			
1.3067e-01	1.2264e-02	4.4299e-01							
	130 1	0.0000e+00	0.0000e+00	0.0000e+00	-3.6501e-02	-2.0126e-02			
1.0022e-02	-3.6980e-03	-1.0891e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1873e-01	-4.7216e-02			
5.9388e-02	-3.7265e-02	-3.2072e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.9234e-02	-1.7104e-02			
2.1513e-02	-1.3499e-02	-1.1618e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	9.9739e-02	4.5051e-01	-		
9.0255e-02	1.7067e-02	6.9563e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.5493e-01	4.3318e-01			
2.2220e-01	1.7902e-02	7.4739e-01							

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		8	0.0000e+00	0.0000e+00	0.0000e+00	6.6217e-03	3.3378e-02	-	
9.0768e-03		1.2510e-03	5.1062e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.2795e-01	6.4335e-01	-	
1.7395e-01		2.4120e-02	9.8440e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.1765e-02	2.8716e-01		
6.2283e-02		1.0860e-02	4.4299e-01						
	46	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.1075e-02	-1.0569e-01		
6.2727e-03		-4.5197e-02	-1.5040e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4610e-01	-3.0713e-01		
3.9695e-02		-1.6390e-01	-4.4735e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2537e-01	-1.1125e-01		
1.4379e-02		-5.9372e-02	-1.6205e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.6366e-01	1.2562e+00		
1.8722e-01		1.9467e-02	6.9803e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	5.5871e-02	1.3766e+00		
4.4303e-01		2.4662e-02	7.5415e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.2291e-02	9.1302e-02		
1.1128e-02		1.3700e-03	5.1181e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.3684e-01	1.7606e+00		
2.1565e-01		2.6433e-02	9.8672e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.0438e-01	7.9733e-01		
1.1395e-01		1.2264e-02	4.4439e-01						
	131	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.1691e-02	-2.4623e-02		
7.4441e-03		-3.6980e-03	-1.5040e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8112e-01	-6.7247e-02		
4.5639e-02		-3.7265e-02	-4.4735e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0183e-01	-2.4359e-02		
1.6532e-02		-1.3499e-02	-1.6205e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.1959e-01	8.1190e-01	-	
1.1901e-01		1.7067e-02	6.9803e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.8175e-01	8.9348e-01		
5.0467e-02		1.7902e-02	7.5415e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	8.0179e-03	5.8748e-02	-	
1.0354e-02		1.2510e-03	5.1181e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.5490e-01	1.1329e+00	-	
1.9892e-01		2.4120e-02	9.8672e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.4272e-02	5.1451e-01		
7.8838e-02		1.0860e-02	4.4439e-01						
+-----+ -----+ -----+ +-----+ -----+ -----+ +-----+									
		Shell n.ro 79							
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
+-----+ -----+ -----+ +-----+									
	46	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.8135e-02	-1.0580e-01		
7.2670e-03		2.9254e-02	-1.5022e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3013e-01	-3.0792e-01		
4.4656e-02		6.4212e-02	-4.4631e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1959e-01	-1.1154e-01		
1.6176e-02		2.3260e-02	-1.6167e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.9897e-01	1.2579e+00	-	
1.1398e-01		1.5600e-04	6.9943e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.7097e-01	1.4002e+00		
1.0301e-01		3.3500e-03	7.6442e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.3722e-02	9.1359e-02	-	
1.0501e-02		-1.4200e-05	5.1240e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.6492e-01	1.7617e+00	-	
2.0154e-01		-2.6200e-04	9.8788e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2498e-01	7.9829e-01		
7.6673e-02		9.6000e-05	4.4521e-01						
	131	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0826e-02	-2.3745e-02		
6.5215e-03		-9.2140e-03	-1.5022e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7423e-01	-6.1882e-02		
4.0921e-02		-4.3904e-02	-4.4631e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.9337e-02	-2.2416e-02		
1.4823e-02		-1.5904e-02	-1.6167e-01						

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1.7609e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	9.8954e-02	8.1317e-01		
	8.1200e-04	6.9943e-01						
3.8362e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	1.0035e-01	9.1662e-01		
	-9.7200e-05	7.6442e-01						
1.0836e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	6.9870e-03	5.8771e-02		
	7.3400e-05	5.1240e-02						
2.0979e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.3482e-01	1.1334e+00		
	1.4090e-03	9.8788e-01						
1.0784e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.2014e-02	5.1522e-01		
	5.5300e-04	4.4521e-01						
6.4175e-03	48	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.1932e-02	-1.0353e-01	
	2.9254e-02	-1.1175e-01						
3.8465e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2428e-01	-3.0150e-01		
	6.4212e-02	-3.3820e-01						
1.3934e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1747e-01	-1.0921e-01		
	2.3260e-02	-1.2251e-01						
9.7208e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	2.0667e-01	9.0239e-01	-	
	1.5600e-04	6.9878e-01						
2.5242e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.7635e-01	1.0593e+00		
	3.3500e-03	7.6786e-01						
9.7457e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4305e-02	6.5190e-02	-	
	-1.4200e-05	5.1152e-02						
1.8677e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.7614e-01	1.2572e+00	-	
	-2.6200e-04	9.8620e-01						
6.6657e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2992e-01	5.7235e-01		
	9.6000e-05	4.4472e-01						
5.6720e-03	132	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.4494e-02	-2.1723e-02	
	-9.2140e-03	-1.1175e-01						
3.4731e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6737e-01	-5.6810e-02		
	-4.3904e-02	-3.3820e-01						
1.2581e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.6852e-02	-2.0579e-02		
	-1.5904e-02	-1.2251e-01						
1.9287e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	9.1855e-02	4.7249e-01		
	8.1200e-04	6.9878e-01						
5.3303e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	9.7004e-02	5.8440e-01		
	-9.7200e-05	7.6786e-01						
1.1592e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	6.4417e-03	3.3729e-02		
	7.3400e-05	5.1152e-02						
2.2456e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.2431e-01	6.5066e-01		
	1.4090e-03	9.8620e-01						
1.1800e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	5.7467e-02	2.9876e-01		
	5.5300e-04	4.4472e-01						
-----+-----								
-----+-----								
-----+-----								
Shell n.ro 80								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+-----								
	48	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.1279e-02	-1.0358e-01	
5.6647e-03		-3.8640e-02	-1.1170e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.1923e-01	-3.0177e-01	
3.4611e-02		-1.2353e-01	-3.3785e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.1564e-01	-1.0931e-01	
1.2538e-02		-4.4747e-02	-1.2238e-01					
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.8613e-01	9.0179e-01	
2.0792e-01		1.7174e-02	6.9790e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.2381e-01	1.0566e+00	
6.6733e-01		2.9634e-02	7.6090e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3516e-02	6.5166e-02	
1.1995e-02		1.1890e-03	5.1118e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.6063e-01	1.2568e+00	
2.3263e-01		2.2954e-02	9.8553e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1791e-01	5.7201e-01	
1.2653e-01		1.0800e-02	4.4420e-01					
	132	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2954e-02	-2.1234e-02	
6.4584e-03		1.1540e-03	-1.1170e-01					

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		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5897e-01	-5.3841e-02	
3.8635e-02		-7.3700e-03	-3.3785e-01		0.0000e+00	-9.3809e-02	-1.9503e-02	
		4	0.0000e+00	0.0000e+00	0.0000e+00			
1.3995e-02		-2.6700e-03	-1.2238e-01		0.0000e+00	1.1402e-01	4.7341e-01	-
		6	0.0000e+00	0.0000e+00	0.0000e+00			
1.0664e-01		1.5320e-02	6.9790e-01		0.0000e+00	2.7982e-01	5.9317e-01	
		7	0.0000e+00	0.0000e+00	0.0000e+00			
1.2523e-01		1.8973e-02	7.6090e-01		0.0000e+00	7.2550e-03	3.3758e-02	-
		8	0.0000e+00	0.0000e+00	0.0000e+00			
9.7457e-03		1.1070e-03	5.1118e-02		0.0000e+00	1.4034e-01	6.5122e-01	-
		9	0.0000e+00	0.0000e+00	0.0000e+00			
1.8707e-01		2.1355e-02	9.8553e-01		0.0000e+00	7.0448e-02	2.9929e-01	
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00			
7.1449e-02		9.7230e-03	4.4420e-01		0.0000e+00	-7.3097e-02	-1.0685e-01	
	49	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.8640e-02	-1.5150e-01	
4.0087e-03		-3.8640e-02	-1.5150e-01		0.0000e+00	-3.6062e-01	-3.1450e-01	
		3	0.0000e+00	0.0000e+00	0.0000e+00			
2.5217e-02		-1.2353e-01	-4.5401e-01		0.0000e+00	-1.3063e-01	-1.1393e-01	
		4	0.0000e+00	0.0000e+00	0.0000e+00			
9.1345e-03		-4.4747e-02	-1.6446e-01		0.0000e+00	1.8756e-01	1.2901e+00	
		6	0.0000e+00	0.0000e+00	0.0000e+00			
1.8803e-01		1.7174e-02	6.9975e-01		0.0000e+00	2.2312e-01	1.7261e+00	
		7	0.0000e+00	0.0000e+00	0.0000e+00			
5.2771e-01		2.9634e-02	7.7156e-01		0.0000e+00	1.3642e-02	9.1995e-02	
		8	0.0000e+00	0.0000e+00	0.0000e+00			
1.1396e-02		1.1890e-03	5.1200e-02		0.0000e+00	2.6305e-01	1.7747e+00	
		9	0.0000e+00	0.0000e+00	0.0000e+00			
2.2071e-01		2.2954e-02	9.8713e-01		0.0000e+00	1.1886e-01	8.1607e-01	
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00			
1.1520e-01		1.0800e-02	4.4528e-01		0.0000e+00	-5.4584e-02	-2.4559e-02	
	133	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1540e-03	-1.5150e-01	
4.8024e-03		1.1540e-03	-1.5150e-01		0.0000e+00	-2.9946e-01	-6.7113e-02	
		3	0.0000e+00	0.0000e+00	0.0000e+00			
2.9241e-02		-7.3700e-03	-4.5401e-01		0.0000e+00	-1.0848e-01	-2.4311e-02	
		4	0.0000e+00	0.0000e+00	0.0000e+00			
1.0592e-02		-2.6700e-03	-1.6446e-01		0.0000e+00	1.3292e-01	8.4423e-01	-
		6	0.0000e+00	0.0000e+00	0.0000e+00			
1.2653e-01		1.5320e-02	6.9975e-01		0.0000e+00	3.1091e-01	1.2309e+00	-
		7	0.0000e+00	0.0000e+00	0.0000e+00			
1.4386e-02		1.8973e-02	7.7156e-01		0.0000e+00	8.5655e-03	5.9401e-02	-
		8	0.0000e+00	0.0000e+00	0.0000e+00			
1.0345e-02		1.1070e-03	5.1200e-02		0.0000e+00	1.6564e-01	1.1463e+00	-
		9	0.0000e+00	0.0000e+00	0.0000e+00			
1.9898e-01		2.1355e-02	9.8713e-01		0.0000e+00	8.2337e-02	5.3240e-01	
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00			
8.2620e-02		9.7230e-03	4.4528e-01					
-----+-----								
-----+-----								
-----+-----								
Shell n.ro 81								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+-----								
	49	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.1458e-02	-1.0676e-01	
4.8298e-03		3.3249e-02	-1.5143e-01		0.0000e+00	-3.5130e-01	-3.1403e-01	
		3	0.0000e+00	0.0000e+00	0.0000e+00			
2.9414e-02		8.8933e-02	-4.5364e-01		0.0000e+00	-1.2725e-01	-1.1375e-01	
		4	0.0000e+00	0.0000e+00	0.0000e+00			
1.0655e-02		3.2215e-02	-1.6433e-01		0.0000e+00	2.0613e-01	1.2910e+00	-
		6	0.0000e+00	0.0000e+00	0.0000e+00			
1.2403e-01		-2.8470e-03	7.0049e-01		0.0000e+00	3.3900e-01	1.7307e+00	
		7	0.0000e+00	0.0000e+00	0.0000e+00			
4.9480e-02		-2.8820e-03	7.7647e-01		0.0000e+00	1.4249e-02	9.2020e-02	-
		8	0.0000e+00	0.0000e+00	0.0000e+00			
1.0513e-02		-2.0800e-04	5.1225e-02		0.0000e+00	2.7507e-01	1.7752e+00	-
		9	0.0000e+00	0.0000e+00	0.0000e+00			
2.0209e-01		-4.0070e-03	9.8762e-01					

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	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2982e-01	8.1659e-01	
8.1629e-02	1.8020e-03	4.4571e-01					
	133	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.3838e-02	-2.4163e-02
4.0455e-03	-5.8210e-03	-1.5143e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9437e-01	-6.4705e-02
2.5257e-02	-2.2811e-02	-4.5364e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0663e-01	-2.3439e-02
9.1489e-03	-8.2630e-03	-1.6433e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.2297e-01	8.4508e-01
1.7914e-01	-2.2440e-03	7.0049e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.4207e-01	1.2358e+00
4.5454e-01	-4.9080e-03	7.7647e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	8.1795e-03	5.9420e-02
1.1113e-02	-1.4100e-04	5.1225e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.5805e-01	1.1466e+00
2.1512e-01	-2.7230e-03	9.8762e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.6506e-02	5.3291e-01	
1.1013e-01	1.3780e-03	4.4571e-01					
	51	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2915e-02	-1.0401e-01
3.8405e-03	3.3249e-02	-1.1236e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3096e-01	-3.0440e-01
2.3075e-02	8.8933e-02	-3.4190e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1989e-01	-1.1027e-01
8.3586e-03	3.2215e-02	-1.2385e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.1244e-01	9.1888e-01
1.2099e-01	-2.8470e-03	6.9989e-01					-
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.4509e-01	1.2355e+00
5.6468e-02	-2.8820e-03	7.7849e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4718e-02	6.5463e-02
1.0300e-02	-2.0800e-04	5.1158e-02					-
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.8412e-01	1.2629e+00
1.9796e-01	-4.0070e-03	9.8634e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3385e-01	5.8136e-01	
7.9381e-02	1.8020e-03	4.4529e-01					
	134	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.5225e-02	-2.1605e-02
3.0563e-03	-5.8210e-03	-1.1236e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7335e-01	-5.6101e-02
1.8917e-02	-2.2811e-02	-3.4190e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.9018e-02	-2.0322e-02
6.8526e-03	-8.2630e-03	-1.2385e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.1348e-01	4.8880e-01
1.8218e-01	-2.2440e-03	6.9989e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.3110e-01	7.5769e-01
4.6153e-01	-4.9080e-03	7.7849e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	7.4917e-03	3.4021e-02
1.1327e-02	-1.4100e-04	5.1158e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.4479e-01	6.5666e-01
2.1924e-01	-2.7230e-03	9.8634e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.0490e-02	3.0772e-01	
1.1240e-01	1.3780e-03	4.4529e-01					
-----+-----							
-----+-----							
-----+-----							
	Shell n.ro 82						
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					
-----+-----							
	51	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2390e-02	-1.0398e-01
3.0915e-03	-3.6079e-02	-1.1234e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2740e-01	-3.0418e-01
1.9077e-02	-1.0749e-01	-3.4176e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1860e-01	-1.1019e-01
6.9106e-03	-3.8938e-02	-1.2380e-01					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.0238e-01	9.1856e-01
1.9218e-01	1.4008e-02	6.9947e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.7578e-01	1.2329e+00
5.2921e-01	2.4038e-02	7.7569e-01					

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1.1640e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4403e-02	6.5453e-02		
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.7786e-01	1.2627e+00		
2.2546e-01	1.8575e-02	9.8608e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2790e-01	5.8117e-01		
1.1827e-01	8.8100e-03	4.4504e-01						
	134	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.4419e-02	-2.1373e-02	
3.8403e-03	3.3400e-03	-1.1234e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6877e-01	-5.4694e-02		
2.2966e-02	6.3580e-03	-3.4176e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.7360e-02	-1.9812e-02		
8.3190e-03	2.3030e-03	-1.2380e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.2448e-01	4.8931e-01	-	
1.2519e-01	1.2523e-02	6.9947e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.0446e-01	7.6104e-01	-	
2.7661e-03	1.7216e-02	7.7569e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	7.8283e-03	3.4035e-02	-	
1.0203e-02	8.9200e-04	5.1144e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.5147e-01	6.5695e-01	-	
1.9628e-01	1.7216e-02	9.8608e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.7055e-02	3.0802e-01		
8.1509e-02	7.9290e-03	4.4504e-01						
	52	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.2696e-02	-1.0692e-01	
1.7994e-03	-3.6079e-02	-1.5176e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.5931e-01	-3.1506e-01		
1.1469e-02	-1.0749e-01	-4.5561e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3016e-01	-1.1413e-01		
4.1544e-03	-3.8938e-02	-1.6504e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.0193e-01	1.3099e+00		
1.7696e-01	1.4008e-02	7.0095e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.7326e-01	1.8894e+00		
4.1142e-01	2.4038e-02	7.8251e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4387e-02	9.2381e-02		
1.1298e-02	9.6200e-04	5.1214e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.7755e-01	1.7826e+00		
2.1853e-01	1.8575e-02	9.8744e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2765e-01	8.2734e-01		
1.0970e-01	8.8100e-03	4.4592e-01						
	135	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4591e-02	-2.4321e-02	
2.5482e-03	3.3400e-03	-1.5176e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.0013e-01	-6.5775e-02		
1.5357e-02	6.3580e-03	-4.5561e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0872e-01	-2.3826e-02		
5.5628e-03	2.3030e-03	-1.6504e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.4153e-01	8.6313e-01	-	
1.4042e-01	1.2523e-02	7.0095e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.3279e-01	1.3867e+00	-	
1.2056e-01	1.7216e-02	7.8251e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	9.0039e-03	5.9772e-02	-	
1.0546e-02	8.9200e-04	5.1214e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.7417e-01	1.1538e+00	-	
2.0320e-01	1.7216e-02	9.8744e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.7778e-02	5.4321e-01		
8.9992e-02	7.9290e-03	4.4592e-01						
-----+-----								
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Shell n.ro 83								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+-----								
	52	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.1955e-02	-1.0686e-01	
2.6007e-03	3.4690e-02	-1.5174e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.5500e-01	-3.1472e-01	
1.5634e-02	9.8144e-02	-4.5547e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.2860e-01	-1.1400e-01	
5.6634e-03	3.5552e-02	-1.6499e-01						

**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
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		6	0.0000e+00	0.0000e+00	0.0000e+00	2.1010e-01	1.3103e+00	-
1.4082e-01	-6.4900e-03	7.0128e-01	0.0000e+00	0.0000e+00	0.0000e+00	3.2793e-01	1.8917e+00	-
		7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
9.7117e-02	-1.0331e-02	7.8479e-01	0.0000e+00	0.0000e+00	0.0000e+00	1.4620e-02	9.2391e-02	-
		8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.0744e-02	-4.4900e-04	5.1224e-02	0.0000e+00	0.0000e+00	0.0000e+00	2.8220e-01	1.7828e+00	-
		9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
2.0695e-01	-8.6720e-03	9.8763e-01	0.0000e+00	0.0000e+00	0.0000e+00	1.3256e-01	8.2757e-01	-
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
9.0489e-02	4.0870e-03	4.4611e-01	0.0000e+00	0.0000e+00	0.0000e+00	-5.4165e-02	-2.4145e-02	-
		135	1	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.8087e-03	-4.5130e-03	-1.5174e-01	0.0000e+00	0.0000e+00	0.0000e+00	-2.9737e-01	-6.4700e-02	-
		3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.1394e-02	-1.4402e-02	-4.5547e-01	0.0000e+00	0.0000e+00	0.0000e+00	-1.0772e-01	-2.3437e-02	-
		4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
4.1274e-03	-5.2170e-03	-1.6499e-01	0.0000e+00	0.0000e+00	0.0000e+00	1.3731e-01	8.6355e-01	-
		6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.7081e-01	-5.6770e-03	7.0128e-01	0.0000e+00	0.0000e+00	0.0000e+00	3.0363e-01	1.3894e+00	-
		7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
3.7771e-01	-9.7370e-03	7.8479e-01	0.0000e+00	0.0000e+00	0.0000e+00	8.8681e-03	5.9782e-02	-
		8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.1041e-02	-3.8700e-04	5.1224e-02	0.0000e+00	0.0000e+00	0.0000e+00	1.7148e-01	1.1540e+00	-
		9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
2.1349e-01	-7.4720e-03	9.8763e-01	0.0000e+00	0.0000e+00	0.0000e+00	8.5304e-02	5.4346e-01	-
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.0606e-01	3.5600e-03	4.4611e-01	0.0000e+00	0.0000e+00	0.0000e+00	-6.2518e-02	-1.0396e-01	-
		54	1	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.5234e-03	3.4690e-02	-1.1253e-01	0.0000e+00	0.0000e+00	0.0000e+00	-3.2895e-01	-3.0409e-01	-
		3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
9.0242e-03	9.8144e-02	-3.4292e-01	0.0000e+00	0.0000e+00	0.0000e+00	-1.1916e-01	-1.1015e-01	-
		4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
3.2689e-03	3.5552e-02	-1.2422e-01	0.0000e+00	0.0000e+00	0.0000e+00	2.1459e-01	9.2718e-01	-
		6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.4617e-01	-6.4900e-03	7.0047e-01	0.0000e+00	0.0000e+00	0.0000e+00	3.3323e-01	1.3090e+00	-
		7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.4883e-01	-1.0331e-02	7.8419e-01	0.0000e+00	0.0000e+00	0.0000e+00	1.4946e-02	6.5605e-02	-
		8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.0787e-02	-4.4900e-04	5.1161e-02	0.0000e+00	0.0000e+00	0.0000e+00	2.8849e-01	1.2658e+00	-
		9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
2.0794e-01	-8.6720e-03	9.8642e-01	0.0000e+00	0.0000e+00	0.0000e+00	1.3540e-01	5.8600e-01	-
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
9.3112e-02	4.0870e-03	4.4559e-01	0.0000e+00	0.0000e+00	0.0000e+00	-4.4726e-02	-2.1373e-02	-
		136	1	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
7.3141e-04	-4.5130e-03	-1.1253e-01	0.0000e+00	0.0000e+00	0.0000e+00	-2.7104e-01	-5.4698e-02	-
		3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
4.7839e-03	-1.4402e-02	-3.4292e-01	0.0000e+00	0.0000e+00	0.0000e+00	-9.8180e-02	-1.9814e-02	-
		4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.7329e-03	-5.2170e-03	-1.2422e-01	0.0000e+00	0.0000e+00	0.0000e+00	1.2522e-01	4.9706e-01	-
		6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.6546e-01	-5.6770e-03	7.0047e-01	0.0000e+00	0.0000e+00	0.0000e+00	2.8578e-01	8.2989e-01	-
		7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
3.2600e-01	-9.7370e-03	7.8419e-01	0.0000e+00	0.0000e+00	0.0000e+00	8.0189e-03	3.4171e-02	-
		8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.0998e-02	-3.8700e-04	5.1161e-02	0.0000e+00	0.0000e+00	0.0000e+00	1.5509e-01	6.5975e-01	-
		9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
2.1251e-01	-7.4720e-03	9.8642e-01	0.0000e+00	0.0000e+00	0.0000e+00	7.7673e-02	3.1236e-01	-
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
1.0342e-01	3.5600e-03	4.4559e-01	0.0000e+00	0.0000e+00	0.0000e+00	-6.2332e-02	-1.0395e-01	-
		54	1	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-
7.5896e-04	-3.5233e-02	-1.1253e-01	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-

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| Shell n.ro 84

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	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						

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4.8812e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2774e-01	-3.0400e-01	
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1872e-01	-1.1012e-01	
1.7682e-03	6	0.0000e+00	0.0000e+00	0.0000e+00	2.1153e-01	9.2708e-01	
1.7072e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	3.1188e-01	1.3082e+00	
3.5077e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4860e-02	6.5602e-02	
1.1238e-02	9	0.0000e+00	0.0000e+00	0.0000e+00	2.8677e-01	1.2658e+00	
2.1720e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3358e-01	5.8594e-01	
1.0661e-01	6.4970e-03	4.4551e-01					
	136	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.4470e-02	-2.1298e-02
1.5310e-03	4.0670e-03	-1.1253e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6956e-01	-5.4245e-02	
8.9760e-03	1.1233e-02	-3.4288e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.7645e-02	-1.9650e-02	
3.2515e-03	4.0690e-03	-1.2420e-01					
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.2857e-01	4.9723e-01	-
1.4554e-01	9.1950e-03	7.0034e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.0848e-01	8.3097e-01	-
1.6461e-01	1.3908e-02	7.8334e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	8.1124e-03	3.4175e-02	-
1.0615e-02	6.4400e-04	5.1158e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.5696e-01	6.5984e-01	-
2.0468e-01	1.2430e-02	9.8635e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.9707e-02	3.1246e-01	
9.2579e-02	5.8020e-03	4.4551e-01					
	55	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.2113e-02	-1.0685e-01
4.0140e-04	-3.5233e-02	-1.5183e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.5616e-01	-3.1468e-01	-
2.0978e-03	-1.0189e-01	-4.5601e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2902e-01	-1.1399e-01	-
7.5990e-04	-3.6910e-02	-1.6518e-01					
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.0906e-01	1.3165e+00	
1.5978e-01	1.0326e-02	7.0148e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.0782e-01	1.9426e+00	
2.6033e-01	1.7599e-02	7.8703e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4690e-02	9.2508e-02	
1.1041e-02	7.0800e-04	5.1222e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.8348e-01	1.7852e+00	
2.1314e-01	1.3672e-02	9.8760e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3203e-01	8.3116e-01	
1.0063e-01	6.4970e-03	4.4620e-01					
	137	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4184e-02	-2.4143e-02
3.7069e-04	4.0670e-03	-1.5183e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9784e-01	-6.4716e-02	
1.9970e-03	1.1233e-02	-4.5601e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0789e-01	-2.3443e-02	
7.2339e-04	4.0690e-03	-1.6518e-01					
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.4326e-01	8.6944e-01	-
1.5648e-01	9.1950e-03	7.0148e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.3225e-01	1.4376e+00	-
2.5505e-01	1.3908e-02	7.8703e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	9.1286e-03	5.9894e-02	-
1.0812e-02	6.4400e-04	5.1222e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.7657e-01	1.1563e+00	-
2.0873e-01	1.2430e-02	9.8760e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.8953e-02	5.4688e-01	
9.8546e-02	5.8020e-03	4.4620e-01					

Shell n.ro 85

Nodo	cond	S11	S22	S12	M11	M22	M12
T11	T22						

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	55	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.2113e-02	-1.0685e-01		
4.0140e-04	3.5233e-02	-1.5183e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.5616e-01	-3.1468e-01		
2.0978e-03	1.0189e-01	-4.5601e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.2902e-01	-1.1399e-01		
7.5990e-04	3.6910e-02	-1.6518e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.0906e-01	1.3165e+00	-	
1.5978e-01	-1.0326e-02	7.0148e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.0782e-01	1.9426e+00	-	
2.6033e-01	-1.7599e-02	7.8703e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4690e-02	9.2508e-02	-	
1.1041e-02	-7.0800e-04	5.1222e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8348e-01	1.7852e+00	-	
2.1314e-01	-1.3672e-02	9.8760e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3203e-01	8.3116e-01		
1.0062e-01	6.4980e-03	4.4620e-01							
	137	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4184e-02	-2.4143e-02	-	
3.7069e-04	-4.0670e-03	-1.5183e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.9784e-01	-6.4716e-02	-	
1.9970e-03	-1.1233e-02	-4.5601e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0789e-01	-2.3443e-02	-	
7.2339e-04	-4.0690e-03	-1.6518e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4326e-01	8.6944e-01		
1.5648e-01	-9.1950e-03	7.0148e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.3225e-01	1.4376e+00		
2.5505e-01	-1.3908e-02	7.8703e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	9.1286e-03	5.9894e-02		
1.0812e-02	-6.4400e-04	5.1222e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.7657e-01	1.1563e+00		
2.0873e-01	-1.2430e-02	9.8760e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.8955e-02	5.4688e-01		
9.8556e-02	5.8030e-03	4.4620e-01							
	57	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2332e-02	-1.0395e-01	-	
7.5896e-04	3.5233e-02	-1.1253e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.2774e-01	-3.0400e-01	-	
4.8812e-03	1.0189e-01	-3.4288e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.1872e-01	-1.1012e-01	-	
1.7682e-03	3.6910e-02	-1.2420e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.1153e-01	9.2708e-01	-	
1.7072e-01	-1.0326e-02	7.0034e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.1188e-01	1.3082e+00	-	
3.5077e-01	-1.7599e-02	7.8334e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4860e-02	6.5602e-02	-	
1.1238e-02	-7.0800e-04	5.1158e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8677e-01	1.2658e+00	-	
2.1720e-01	-1.3672e-02	9.8635e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3358e-01	5.8594e-01		
1.0661e-01	6.4980e-03	4.4551e-01							
	138	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.4470e-02	-2.1298e-02	-	
1.5310e-03	-4.0670e-03	-1.1253e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.6956e-01	-5.4245e-02	-	
8.9760e-03	-1.1233e-02	-3.4288e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.7645e-02	-1.9650e-02	-	
3.2515e-03	-4.0690e-03	-1.2420e-01							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2857e-01	4.9723e-01		
1.4554e-01	-9.1950e-03	7.0034e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.0848e-01	8.3097e-01		
1.6461e-01	-1.3908e-02	7.8334e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.1124e-03	3.4175e-02		
1.0615e-02	-6.4400e-04	5.1158e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.5696e-01	6.5984e-01		
2.0468e-01	-1.2430e-02	9.8635e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.9708e-02	3.1246e-01		
9.2587e-02	5.8030e-03	4.4551e-01							
+-----+-----+									
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**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
RELAZIONE DI CALCOLO TIPOLOGICA**

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Shell n.ro 86											
Nodo	cond	S11	S22	S12	M11	M22	M12				
T11	T22										
-----+-----											
57	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2518e-02	-1.0396e-01	-				
1.5234e-03	-3.4690e-02	-1.1253e-01									
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2895e-01	-3.0409e-01	-				
9.0242e-03	-9.8144e-02	-3.4292e-01									
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1916e-01	-1.1015e-01	-				
3.2689e-03	-3.5552e-02	-1.2422e-01									
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.1459e-01	9.2718e-01					
1.4617e-01	6.4900e-03	7.0047e-01									
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.3323e-01	1.3090e+00					
1.4883e-01	1.0331e-02	7.8419e-01									
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4946e-02	6.5605e-02					
1.0787e-02	4.4900e-04	5.1161e-02									
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.8849e-01	1.2658e+00					
2.0794e-01	8.6720e-03	9.8642e-01									
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3541e-01	5.8599e-01					
9.3118e-02	4.0860e-03	4.4559e-01									
	138	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.4726e-02	-2.1373e-02	-			
7.3141e-04	4.5130e-03	-1.1253e-01									
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7104e-01	-5.4698e-02	-				
4.7839e-03	1.4402e-02	-3.4292e-01									
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.8180e-02	-1.9814e-02	-				
1.7329e-03	5.2170e-03	-1.2422e-01									
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.2522e-01	4.9706e-01	-				
1.6546e-01	5.6770e-03	7.0047e-01									
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.8578e-01	8.2989e-01	-				
3.2600e-01	9.7370e-03	7.8419e-01									
	8	0.0000e+00	0.0000e+00	0.0000e+00	8.0189e-03	3.4171e-02	-				
1.0998e-02	3.8700e-04	5.1161e-02									
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.5509e-01	6.5975e-01	-				
2.1251e-01	7.4720e-03	9.8642e-01									
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.7672e-02	3.1236e-01					
1.0341e-01	3.5590e-03	4.4559e-01									
	58	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.1955e-02	-1.0686e-01	-			
2.6007e-03	-3.4690e-02	-1.5174e-01									
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.5500e-01	-3.1472e-01	-				
1.5634e-02	-9.8144e-02	-4.5547e-01									
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2860e-01	-1.1400e-01	-				
5.6634e-03	-3.5552e-02	-1.6499e-01									
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.1010e-01	1.3103e+00					
1.4082e-01	6.4900e-03	7.0128e-01									
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.2793e-01	1.8917e+00					
9.7117e-02	1.0331e-02	7.8479e-01									
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4620e-02	9.2391e-02					
1.0744e-02	4.4900e-04	5.1224e-02									
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.8220e-01	1.7828e+00					
2.0695e-01	8.6720e-03	9.8763e-01									
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3256e-01	8.2757e-01					
9.0500e-02	4.0860e-03	4.4611e-01									
	139	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4165e-02	-2.4145e-02	-			
1.8087e-03	4.5130e-03	-1.5174e-01									
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9737e-01	-6.4700e-02	-				
1.1394e-02	1.4402e-02	-4.5547e-01									
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0772e-01	-2.3437e-02	-				
4.1274e-03	5.2170e-03	-1.6499e-01									
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.3731e-01	8.6355e-01	-				
1.7081e-01	5.6770e-03	7.0128e-01									
	7	0.0000e+00	0.0000e+00	0.0000e+00	3.0363e-01	1.3894e+00	-				
3.7771e-01	9.7370e-03	7.8479e-01									
	8	0.0000e+00	0.0000e+00	0.0000e+00	8.8681e-03	5.9782e-02	-				
1.1041e-02	3.8700e-04	5.1224e-02									
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.7148e-01	1.1540e+00	-				
2.1349e-01	7.4720e-03	9.8763e-01									
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.5302e-02	5.4345e-01					
1.0605e-01	3.5590e-03	4.4611e-01									

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+-----+ -----+ +-----+ -----+ Shell n.ro 87 									
	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
+-----+ -----+ +-----+ -----+									
	58	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.2696e-02	-1.0692e-01	-	
1.7994e-03		3	-1.5176e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.5931e-01	-3.1506e-01	-	
1.1469e-02		4	-4.5561e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3016e-01	-1.1413e-01	-	
4.1544e-03		6	-1.6504e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.0193e-01	1.3099e+00	-	
1.7696e-01		7	7.0095e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.7326e-01	1.8894e+00	-	
4.1142e-01		8	7.8251e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4387e-02	9.2381e-02	-	
1.1298e-02		9	5.1214e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.7755e-01	1.7826e+00	-	
2.1853e-01		Dyn Y	9.8744e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2765e-01	8.2733e-01	-	
1.0969e-01		8.8100e-03	4.4592e-01						
	139	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4591e-02	-2.4321e-02	-	
2.5482e-03		3	-1.5176e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.0013e-01	-6.5775e-02	-	
1.5357e-02		4	-4.5561e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0872e-01	-2.3826e-02	-	
5.5628e-03		6	-1.6504e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.4153e-01	8.6313e-01	-	
1.4042e-01		7	7.0095e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.3279e-01	1.3867e+00	-	
1.2056e-01		8	7.8251e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	9.0039e-03	5.9772e-02	-	
1.0546e-02		9	5.1214e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.7417e-01	1.1538e+00	-	
2.0320e-01		Dyn Y	9.8744e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.7774e-02	5.4320e-01	-	
9.0001e-02		7.9300e-03	4.4592e-01						
	60	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2390e-02	-1.0398e-01	-	
3.0915e-03		3	-1.1234e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2740e-01	-3.0418e-01	-	
1.9077e-02		4	-3.4176e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1860e-01	-1.1019e-01	-	
6.9106e-03		6	-1.2380e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.0238e-01	9.1856e-01	-	
1.9218e-01		7	6.9947e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.7578e-01	1.2329e+00	-	
5.2921e-01		8	7.7569e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4403e-02	6.5453e-02	-	
1.1640e-02		9	5.1144e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.7786e-01	1.2627e+00	-	
2.2546e-01		Dyn Y	9.8608e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2790e-01	5.8118e-01	-	
1.1825e-01		8.8100e-03	4.4504e-01						
	140	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.4419e-02	-2.1373e-02	-	
3.8403e-03		3	-1.1234e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6877e-01	-5.4694e-02	-	
2.2966e-02		4	-3.4176e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.7360e-02	-1.9812e-02	-	
8.3190e-03		6	-1.2380e-01						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.2448e-01	4.8931e-01	-	
1.2519e-01		7	6.9947e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.0446e-01	7.6104e-01	-	
2.7661e-03		8	7.7569e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	7.8283e-03	3.4035e-02	-	
1.0203e-02		9	5.1144e-02						

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1.9628e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.5147e-01	6.5695e-01		
	-1.7216e-02	9.8608e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.7051e-02	3.0802e-01		
8.1519e-02	7.9300e-03	4.4504e-01						
-----+								
-----+								
-----+								
Shell n.ro 88								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+								
	60	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2915e-02	-1.0401e-01	-
3.8405e-03	-3.3249e-02	-1.1236e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.3096e-01	-3.0440e-01	-
2.3075e-02	-8.8933e-02	-3.4190e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.1989e-01	-1.1027e-01	-
8.3586e-03	-3.2215e-02	-1.2385e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.1244e-01	9.1888e-01	
1.2099e-01	2.8470e-03	6.9989e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.4509e-01	1.2355e+00	-
5.6468e-02	2.8820e-03	7.7849e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4718e-02	6.5463e-02	
1.0300e-02	2.0800e-04	5.1158e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8412e-01	1.2629e+00	
1.9796e-01	4.0070e-03	9.8634e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3384e-01	5.8136e-01	
7.9393e-02	1.8010e-03	4.4529e-01						
	140	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.5225e-02	-2.1605e-02	-
3.0563e-03	5.8210e-03	-1.1236e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.7335e-01	-5.6101e-02	-
1.8917e-02	2.2811e-02	-3.4190e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.9018e-02	-2.0322e-02	-
6.8526e-03	8.2630e-03	-1.2385e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1348e-01	4.8880e-01	-
1.8218e-01	2.2440e-03	6.9989e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.3110e-01	7.5769e-01	-
4.6153e-01	4.9080e-03	7.7849e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.4917e-03	3.4021e-02	-
1.1327e-02	1.4100e-04	5.1158e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4479e-01	6.5666e-01	-
2.1924e-01	2.7230e-03	9.8634e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.0487e-02	3.0772e-01	
1.1239e-01	1.3770e-03	4.4529e-01						
	61	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.1458e-02	-1.0676e-01	-
4.8298e-03	-3.3249e-02	-1.5143e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.5130e-01	-3.1403e-01	-
2.9414e-02	-8.8933e-02	-4.5364e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.2725e-01	-1.1375e-01	-
1.0655e-02	-3.2215e-02	-1.6433e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.0613e-01	1.2910e+00	
1.2403e-01	2.8470e-03	7.0049e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.3900e-01	1.7307e+00	-
4.9480e-02	2.8820e-03	7.7647e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4249e-02	9.2020e-02	
1.0513e-02	2.0800e-04	5.1225e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.7507e-01	1.7752e+00	
2.0209e-01	4.0070e-03	9.8762e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2981e-01	8.1659e-01	
8.1637e-02	1.8010e-03	4.4572e-01						
	141	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.3838e-02	-2.4163e-02	-
4.0455e-03	5.8210e-03	-1.5143e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.9437e-01	-6.4705e-02	-
2.5257e-02	2.2811e-02	-4.5364e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0663e-01	-2.3439e-02	-
9.1489e-03	8.2630e-03	-1.6433e-01						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2297e-01	8.4508e-01	-
1.7914e-01	2.2440e-03	7.0049e-01						

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4.5454e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.4207e-01	1.2358e+00	-
1.1113e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	8.1795e-03	5.9420e-02	-
2.1512e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.5805e-01	1.1466e+00	-
1.1012e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.6502e-02	5.3290e-01	-
-----+-----							
+-----+-----							
-----+-----							
Shell n.ro 89							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+-----							
4.0087e-03	61	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.3097e-02	-1.0685e-01
2.5217e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.6062e-01	-3.1450e-01	-
9.1345e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3063e-01	-1.1393e-01	-
1.8803e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.8756e-01	1.2901e+00	-
5.2771e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.2312e-01	1.7261e+00	-
1.1396e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.3642e-02	9.1995e-02	-
2.2071e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.6305e-01	1.7747e+00	-
1.1519e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.1886e-01	8.1607e-01	-
4.8024e-03	141	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4584e-02	-2.4559e-02
2.9241e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9946e-01	-6.7113e-02	-
1.0592e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0848e-01	-2.4311e-02	-
1.2653e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.3292e-01	8.4423e-01	-
1.4386e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	3.1091e-01	1.2309e+00	-
1.0345e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	8.5655e-03	5.9401e-02	-
1.9898e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.6564e-01	1.1463e+00	-
8.2627e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.2333e-02	5.3240e-01	-
5.6647e-03	63	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.1279e-02	-1.0358e-01
3.4611e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1923e-01	-3.0177e-01	-
1.2538e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1564e-01	-1.0931e-01	-
2.0792e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.8613e-01	9.0179e-01	-
6.6733e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.2381e-01	1.0566e+00	-
1.1995e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.3516e-02	6.5166e-02	-
2.3263e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	2.6063e-01	1.2568e+00	-
1.2652e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.1791e-01	5.7201e-01	-
6.4584e-03	142	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2954e-02	-2.1234e-02
3.8635e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5897e-01	-5.3841e-02	-

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1.3995e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.3809e-02	-1.9503e-02	-
1.0664e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.1402e-01	4.7341e-01	-
1.2523e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.7982e-01	5.9317e-01	-
9.7457e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	7.2550e-03	3.3758e-02	-
1.8707e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.4034e-01	6.5122e-01	-
7.1459e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.0443e-02	2.9929e-01	-
	9.7240e-03	4.4421e-01					
-----+							
-----+							
-----+							
Shell n.ro 90							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+							
6.4175e-03	63	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.1932e-02	-1.0353e-01
3.8465e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.2428e-01	-3.0150e-01
1.3934e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.1747e-01	-1.0921e-01
9.7208e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.0667e-01	9.0239e-01
2.5242e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.7635e-01	1.0593e+00
9.7457e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4305e-02	6.5190e-02
1.8677e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.7614e-01	1.2572e+00
6.6671e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2992e-01	5.7235e-01
5.6720e-03	142	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.4494e-02	-2.1723e-02
3.4731e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.6737e-01	-5.6810e-02
1.2581e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.6852e-02	-2.0579e-02
1.9287e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	9.1855e-02	4.7249e-01
5.3303e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	9.7004e-02	5.8440e-01
1.1592e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.4417e-03	3.3729e-02
2.2456e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2431e-01	6.5066e-01
1.1799e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.7470e-02	2.9876e-01
7.2670e-03	64	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.8135e-02	-1.0580e-01
4.4656e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.3013e-01	-3.0792e-01
1.6176e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.1959e-01	-1.1154e-01
1.1398e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.9897e-01	1.2579e+00
1.0301e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.7097e-01	1.4002e+00
1.0501e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3722e-02	9.1359e-02
2.0154e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.6492e-01	1.7617e+00
7.6683e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2498e-01	7.9830e-01
	9.7800e-05	4.4521e-01					

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6.5215e-03	143	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0826e-02	-2.3745e-02	-	
4.0921e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7423e-01	-6.1882e-02	-	
1.4823e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.9337e-02	-2.2416e-02	-	
1.7609e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	9.8954e-02	8.1317e-01	-	
3.8362e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	1.0035e-01	9.1662e-01	-	
1.0836e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	6.9870e-03	5.8771e-02	-	
2.0979e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	1.3482e-01	1.1334e+00	-	
1.0784e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.2016e-02	5.1523e-01	-	
		5.5400e-04	4.4521e-01						
-----+									
-----+									
-----+									
Shell n.ro 91									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+									
6.2727e-03	64	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.1075e-02	-1.0569e-01	-	
3.9695e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4610e-01	-3.0713e-01	-	
1.4379e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2537e-01	-1.1125e-01	-	
1.8722e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	1.6366e-01	1.2562e+00	-	
4.4303e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	5.5871e-02	1.3766e+00	-	
1.1128e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	1.2291e-02	9.1302e-02	-	
2.1565e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	2.3684e-01	1.7606e+00	-	
1.1394e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.0439e-01	7.9734e-01	-	
		1.2265e-02	4.4439e-01						
7.4441e-03	143	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.1691e-02	-2.4623e-02	-	
4.5639e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8112e-01	-6.7247e-02	-	
1.6532e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0183e-01	-2.4359e-02	-	
1.1901e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	1.1959e-01	8.1190e-01	-	
5.0467e-02		7	0.0000e+00	0.0000e+00	0.0000e+00	1.8175e-01	8.9348e-01	-	
1.0354e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	8.0179e-03	5.8748e-02	-	
1.9892e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	1.5490e-01	1.1329e+00	-	
7.8846e-02		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.4275e-02	5.1452e-01	-	
		1.0861e-02	4.4439e-01						
8.8504e-03	66	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5680e-02	-1.0127e-01	-	
5.3444e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8265e-01	-2.8778e-01	-	
1.9359e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0239e-01	-1.0424e-01	-	
2.1597e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	1.6065e-01	8.7797e-01	-	
6.1476e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	5.6065e-02	8.8929e-01	-	
1.2406e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	1.2048e-02	6.4779e-02	-	
		-1.3700e-03	5.1062e-02						

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2.4062e-01		9		0.0000e+00		0.0000e+00		0.0000e+00		2.3216e-01		1.2487e+00		-
				-2.6433e-02		9.8440e-01								
				Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		1.0243e-01		5.5942e-01
1.3067e-01		144		1.2265e-02		4.4299e-01								
				1		0.0000e+00		0.0000e+00		0.0000e+00		-3.6501e-02		-2.0126e-02
1.0022e-02				3.6980e-03		-1.0891e-01								-
				3		0.0000e+00		0.0000e+00		0.0000e+00		-2.1873e-01		-4.7216e-02
5.9388e-02				3.7265e-02		-3.2072e-01								-
				4		0.0000e+00		0.0000e+00		0.0000e+00		-7.9234e-02		-1.7104e-02
2.1513e-02				1.3499e-02		-1.1618e-01								-
				6		0.0000e+00		0.0000e+00		0.0000e+00		9.9739e-02		4.5051e-01
9.0255e-02				-1.7067e-02		6.9563e-01								-
				7		0.0000e+00		0.0000e+00		0.0000e+00		1.5493e-01		4.3318e-01
2.2220e-01				-1.7902e-02		7.4739e-01								-
				8		0.0000e+00		0.0000e+00		0.0000e+00		6.6217e-03		3.3378e-02
9.0768e-03				-1.2510e-03		5.1062e-02								-
				9		0.0000e+00		0.0000e+00		0.0000e+00		1.2795e-01		6.4335e-01
1.7395e-01				-2.4120e-02		9.8440e-01								-
				Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		6.1767e-02		2.8717e-01
6.2294e-02				1.0861e-02		4.4299e-01								-
-----+-----														
-----+-----														
-----+-----														
Shell n.ro 92														
		Nodo		cond		S11		S22		S12		M11		M22
		T11		T22										M12
-----+-----														
		66		1		0.0000e+00		0.0000e+00		0.0000e+00		-5.5682e-02		-1.0043e-01
1.0014e-02				-1.9276e-02		-1.0912e-01								-
				3		0.0000e+00		0.0000e+00		0.0000e+00		-2.8583e-01		-2.8277e-01
5.9235e-02				-3.0690e-03		-3.2218e-01								-
				4		0.0000e+00		0.0000e+00		0.0000e+00		-1.0354e-01		-1.0243e-01
2.1457e-02				-1.1120e-03		-1.1671e-01								-
				6		0.0000e+00		0.0000e+00		0.0000e+00		2.0100e-01		8.7894e-01
7.5630e-02				-2.0770e-03		6.9743e-01								-
				7		0.0000e+00		0.0000e+00		0.0000e+00		2.2968e-01		8.9237e-01
3.6229e-01				-1.2166e-02		7.5533e-01								-
				8		0.0000e+00		0.0000e+00		0.0000e+00		1.4050e-02		6.4829e-02
8.9616e-03				-1.0200e-04		5.1151e-02								-
				9		0.0000e+00		0.0000e+00		0.0000e+00		2.7116e-01		1.2497e+00
1.7132e-01				-1.9830e-03		9.8615e-01								-
				Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		1.2624e-01		5.6000e-01
5.5082e-02		144		1.2480e-03		4.4405e-01								-
				1		0.0000e+00		0.0000e+00		0.0000e+00		-3.9275e-02		-2.1518e-02
8.8310e-03				1.5246e-02		-1.0912e-01								-
				3		0.0000e+00		0.0000e+00		0.0000e+00		-2.3296e-01		-5.5701e-02
5.3564e-02				8.1013e-02		-3.2218e-01								-
				4		0.0000e+00		0.0000e+00		0.0000e+00		-8.4386e-02		-2.0177e-02
1.9403e-02				2.9346e-02		-1.1671e-01								-
				6		0.0000e+00		0.0000e+00		0.0000e+00		5.7055e-02		4.4907e-01
1.9608e-01				-3.1570e-03		6.9743e-01								-
				7		0.0000e+00		0.0000e+00		0.0000e+00		-5.0357e-02		4.2377e-01
4.6952e-01				-4.1950e-03		7.5533e-01								-
				8		0.0000e+00		0.0000e+00		0.0000e+00		4.6105e-03		3.3326e-02
1.1904e-02				-2.3300e-04		5.1151e-02								-
				9		0.0000e+00		0.0000e+00		0.0000e+00		8.8704e-02		6.4233e-01
2.3055e-01				-4.4900e-03		9.8615e-01								-
				Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		3.6770e-02		2.8635e-01
1.1983e-01		67		2.0220e-03		4.4405e-01								-
				1		0.0000e+00		0.0000e+00		0.0000e+00		-5.6853e-02		-1.0225e-01
1.0462e-02				-1.9276e-02		-1.4364e-01								-
				3		0.0000e+00		0.0000e+00		0.0000e+00		-2.6082e-01		-2.8547e-01
6.4872e-02				-3.0690e-03		-4.0626e-01								-
				4		0.0000e+00		0.0000e+00		0.0000e+00		-9.4480e-02		-1.0341e-01
2.3499e-02				-1.1120e-03		-1.4716e-01								-
				6		0.0000e+00		0.0000e+00		0.0000e+00		1.9264e-01		1.2114e+00
1.1736e-01				-2.0770e-03		6.9851e-01								-

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2.0829e-01		7		0.0000e+00		0.0000e+00		0.0000e+00		2.2318e-01		1.0214e+00		-		
		8		0.0000e+00		0.0000e+00		0.0000e+00		1.3411e-02		9.0386e-02				
1.1053e-02		9		0.0000e+00		0.0000e+00		0.0000e+00		2.5886e-01		1.7419e+00				
2.1206e-01		145		0.0000e+00		0.0000e+00		0.0000e+00		1.2087e-01		7.7352e-01				
7.9530e-02		1		0.0000e+00		0.0000e+00		0.0000e+00		-4.0626e-02		-2.3046e-02		-		
9.2790e-03		3		0.0000e+00		0.0000e+00		0.0000e+00		-2.0921e-01		-5.6881e-02		-		
5.9201e-02		4		0.0000e+00		0.0000e+00		0.0000e+00		-7.5784e-02		-2.0604e-02		-		
2.1445e-02		6		0.0000e+00		0.0000e+00		0.0000e+00		6.2136e-02		7.6813e-01		-		
1.5435e-01		7		0.0000e+00		0.0000e+00		0.0000e+00		-5.4084e-02		5.5006e-01		-		
3.1551e-01		8		0.0000e+00		0.0000e+00		0.0000e+00		5.0399e-03		5.7814e-02		-		
9.8122e-03		9		0.0000e+00		0.0000e+00		0.0000e+00		9.6959e-02		1.1140e+00		-		
1.8981e-01		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		4.0102e-02		4.9117e-01				
9.5087e-02		2.0220e-03		4.4483e-01												
-----+																
-----+																
-----+																
Shell n.ro 93																
		Nodo		cond		S11		S22		S12		M11		M22		M12
		T11		T22												
-----+																
		67		1		0.0000e+00		0.0000e+00		0.0000e+00		-6.0801e-02		-1.0097e-01		-
8.8503e-03		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-2.7915e-01		-2.7742e-01		-
5.7400e-02		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.0112e-01		-1.0049e-01		-
2.0792e-02		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		1.2327e-01		1.2083e+00		-
1.6610e-01		7		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		4.9085e-02		1.0136e+00		-
3.9648e-01		8		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		9.7973e-03		9.0257e-02		-
1.0091e-02		9		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		1.8856e-01		1.7394e+00		-
1.9543e-01		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		7.9905e-02		7.7176e-01		
1.0132e-01		145		1		0.0000e+00		0.0000e+00		0.0000e+00		-4.1775e-02		-2.5340e-02		-
1.0803e-02		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-2.2066e-01		-7.0884e-02		-
6.6375e-02		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-7.9932e-02		-2.5677e-02		-
2.4044e-02		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		1.0988e-01		7.6691e-01		
1.2360e-01		7		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		4.8344e-02		5.4355e-01		-
1.3141e-01		8		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		8.0774e-03		5.7827e-02		
1.0921e-02		9		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		1.5572e-01		1.1142e+00		
2.0976e-01		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		6.9467e-02		4.9061e-01		
8.2166e-02		69		1		0.0000e+00		0.0000e+00		0.0000e+00		-3.9674e-02		-9.4431e-02		-
1.2059e-02		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.8052e-01		-2.4728e-01		-
7.1357e-02		2.3567e-01		-2.5179e-01												

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		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.5393e-02	-8.9574e-02	-
2.5848e-02		8.5369e-02	-9.1208e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.1902e-01	8.5081e-01	-
2.2088e-01		-2.0768e-02	6.9171e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	4.6544e-02	6.8418e-01	-
4.6507e-01		-2.1624e-02	7.3385e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	9.4637e-03	6.4338e-02	-
1.3524e-02		-1.5070e-03	5.0871e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.8214e-01	1.2395e+00	-
2.6187e-01		-2.9052e-02	9.8067e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.7150e-02	5.4552e-01	
1.3469e-01		1.3167e-02	4.4070e-01					
	146	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0804e-02	-1.8789e-02	-
1.4012e-02		1.0391e-02	-9.7658e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2297e-01	-4.0299e-02	-
8.0332e-02		7.8169e-02	-2.5179e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4545e-02	-1.4598e-02	-
2.9099e-02		2.8316e-02	-9.1208e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	9.0666e-02	4.2436e-01	
6.8824e-02		-1.6751e-02	6.9171e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.7872e-02	2.3210e-01	-
2.0000e-01		-1.5167e-02	7.3385e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	6.6887e-03	3.2964e-02	
7.4884e-03		-1.2470e-03	5.0871e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.2893e-01	6.3473e-01	
1.4333e-01		-2.4033e-02	9.8067e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	5.7294e-02	2.7380e-01	
4.8929e-02		1.0697e-02	4.4070e-01					

Shell n.ro 94

	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
		69	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.7495e-02	-9.0871e-02	-
1.4978e-02		-2.4190e-03	-9.8463e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7639e-01	-2.2593e-01	-	-
8.4927e-02		9.9973e-02	-2.5708e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.3895e-02	-8.1840e-02	-	-
3.0764e-02		3.6214e-02	-9.3124e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.0627e-01	8.5219e-01		
5.3037e-02		-2.4190e-03	6.9581e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.8251e-01	6.8769e-01	-	-
2.9427e-01		-1.0823e-02	7.3981e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.5014e-02	6.4427e-02		
7.4426e-03		-1.0000e-04	5.1132e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.8950e-01	1.2413e+00		
1.4198e-01		-1.9600e-03	9.8572e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3057e-01	5.4638e-01		
4.1755e-02		1.3990e-03	4.4321e-01						
	146	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5283e-02	-2.2810e-02	-	-
1.1082e-02		1.8696e-02	-9.8463e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4411e-01	-6.5052e-02	-	-
6.6758e-02		1.0215e-01	-2.5708e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2202e-02	-2.3565e-02	-	-
2.4183e-02		3.7002e-02	-9.3124e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.3468e-03	4.2203e-01	-	-
2.0058e-01		-4.0290e-03	6.9581e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1310e-01	2.2758e-01	-	-
3.6746e-01		-5.2310e-03	7.3981e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	9.8096e-04	3.2844e-02	-	-
1.3137e-02		-2.8900e-04	5.1132e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.8453e-02	6.3239e-01	-	-
2.5394e-01		-5.5660e-03	9.8572e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.3751e-03	2.7245e-01		
1.2431e-01		2.5560e-03	4.4321e-01						

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	70	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2303e-02	-9.4664e-02	-
1.3727e-02	-2.4190e-03	-1.1958e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1256e-01	-2.3573e-01	-
8.4457e-02	9.9973e-02	-2.5925e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.0775e-02	-8.5390e-02	-
3.0594e-02	3.6214e-02	-9.3912e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.9868e-01	1.1618e+00	
1.4891e-01	-2.4190e-03	6.9742e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.7658e-01	7.7543e-01	-
1.2540e-01	-1.0823e-02	7.3422e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4433e-02	8.9562e-02	
1.3423e-02	-1.0000e-04	5.1320e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.7831e-01	1.7248e+00	
2.5772e-01	-1.9600e-03	9.8933e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2568e-01	7.4853e-01	
9.9837e-02	1.3990e-03	4.4437e-01						
	147	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0294e-02	-2.6335e-02	-
9.8314e-03	1.8696e-02	-1.1958e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-8.1503e-02	-7.3626e-02	-
6.6289e-02	1.0215e-01	-2.5925e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.9524e-02	-2.6670e-02	-
2.4012e-02	3.7002e-02	-9.3912e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.2139e-03	7.2044e-01	-
1.0471e-01	-4.0290e-03	6.9742e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1721e-01	3.1351e-01	-
1.9859e-01	-5.2310e-03	7.3422e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.3187e-03	5.7059e-02	-
7.1565e-03	-2.8900e-04	5.1320e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.4931e-02	1.0982e+00	-
1.3819e-01	-5.5660e-03	9.8933e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3164e-03	4.6729e-01	
6.5846e-02	2.5560e-03	4.4437e-01						

Shell n.ro 95

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	70	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4257e-02	-9.1261e-02	-
1.0018e-02	5.5274e-02	-1.2055e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0523e-01	-2.1349e-01	-
7.4237e-02	2.2513e-01	-2.6460e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-3.8118e-02	-7.7333e-02	-
2.6892e-02	8.1551e-02	-9.5849e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	3.4485e-02	1.1565e+00	-
1.1352e-01	-1.9860e-02	6.9036e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.8220e-02	7.6599e-01	-
2.3724e-01	-1.3409e-02	7.2660e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	3.5599e-03	8.9305e-02	-
7.4982e-03	-1.5440e-03	5.0829e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	6.8192e-02	1.7198e+00	-
1.4491e-01	-2.9736e-02	9.7985e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.4619e-02	7.4552e-01	
7.0844e-02	1.2845e-02	4.3996e-01						
	147	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2670e-02	-3.0605e-02	-
1.3429e-02	7.8290e-03	-1.2055e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0374e-01	-9.8849e-02	-
7.6185e-02	6.2179e-02	-2.6460e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-3.7577e-02	-3.5807e-02	-
2.7597e-02	2.2524e-02	-9.5849e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.5055e-01	7.2258e-01	
1.5357e-01	-1.0690e-02	6.9036e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	9.9201e-03	3.0942e-01	-
8.8680e-02	-8.6110e-03	7.2660e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.2456e-02	5.7369e-02	
1.3438e-02	-8.0600e-04	5.0829e-02						

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		9	0.0000e+00	0.0000e+00	0.0000e+00	2.3953e-01	1.1042e+00	
2.5814e-01		-1.5537e-02	9.7985e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.8763e-02	4.6907e-01	
1.0211e-01		6.8510e-03	4.3996e-01					
	72	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4533e-02	-8.3142e-02	-
9.6086e-03		5.5274e-02	-7.3110e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.5205e-02	-1.9312e-01	-
5.6293e-02		2.2513e-01	-1.0165e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.5077e-03	-6.9957e-02	-
2.0392e-02		8.1551e-02	-3.6822e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.9826e-02	8.2907e-01	-
2.7748e-01		-1.9860e-02	6.8119e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.1550e-02	5.8275e-01	-
3.3306e-01		-1.3409e-02	7.2180e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	3.1953e-03	6.3659e-02	-
1.9851e-02		-1.5440e-03	5.0091e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	6.1174e-02	1.2261e+00	-
3.8291e-01		-2.9736e-02	9.6565e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.1600e-02	5.3367e-01	
1.7546e-01		1.2845e-02	4.3396e-01					
	148	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.9222e-03	-2.2657e-02	-
1.3020e-02		7.8290e-03	-7.3110e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4043e-02	-7.8663e-02	-
5.8241e-02		6.2179e-02	-1.0165e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0869e-03	-2.8495e-02	-
2.1097e-02		2.2524e-02	-3.6822e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.3609e-01	4.0502e-01	-
1.0388e-02		-1.0690e-02	6.8119e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-5.2254e-04	1.3331e-01	-
1.8450e-01		-8.6110e-03	7.2180e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.1350e-02	3.2467e-02	-
1.0855e-03		-8.0600e-04	5.0091e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.1823e-01	6.2475e-01	-
2.0142e-02		-1.5537e-02	9.6565e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.9467e-02	2.6351e-01	
4.1219e-03		6.8510e-03	4.3396e-01					

Shell n.ro 96

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	72	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1032e-02	-7.9640e-02	-
1.6109e-02		-2.0651e-02	-7.3828e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.9391e-02	-1.7654e-01	-
6.3949e-02		-1.0734e-02	-1.0612e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.0243e-03	-6.3949e-02	-
2.3165e-02		-3.8880e-03	-3.8443e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	3.4706e-01	8.3845e-01	-
3.2087e-02		1.8290e-03	6.9503e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.5386e-01	5.9036e-01	-
2.4030e-01		-4.6410e-03	7.2882e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.7939e-02	6.4369e-02	-
8.7410e-05		2.2400e-04	5.1176e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	5.3757e-01	1.2397e+00	-
6.4817e-04		4.2840e-03	9.8654e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.2652e-01	5.3968e-01	
1.5458e-02		1.3820e-03	4.4292e-01					
	148	1	0.0000e+00	0.0000e+00	0.0000e+00	1.0984e-03	-2.4654e-02	-
6.5039e-03		7.5380e-03	-7.3828e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4333e-02	-9.6145e-02	-
5.0473e-02		3.3711e-02	-1.0612e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.1920e-03	-3.4827e-02	-
1.8283e-02		1.2212e-02	-3.8443e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2624e-01	4.0663e-01	-
2.5350e-01		4.7290e-03	6.9503e-01					

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2.7561e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1398e-01	1.3809e-01	-	
1.8678e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-9.3588e-03	3.2563e-02	-	
3.6006e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.8039e-01	6.2662e-01	-	
1.6168e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.0475e-02	2.6450e-01	-	
1.7096e-02	73	1	0.0000e+00	0.0000e+00	-1.5166e-02	-9.1997e-02	-	
5.4960e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2382e-02	-1.9117e-01	-	
1.9909e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4853e-03	-6.9249e-02	-	
2.8841e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	3.4708e-01	1.1066e+00	-	
9.4082e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	1.5113e-01	6.3427e-01	-	
2.5718e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	2.7974e-02	8.7085e-02	-	
4.9388e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	5.3824e-01	1.6764e+00	-	
1.9392e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.2661e-01	7.1747e-01	-	
7.4917e-03	149	1	0.0000e+00	0.0000e+00	-2.9698e-03	-3.6989e-02	-	
4.1483e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.9696e-03	-1.1099e-01	-	
1.5027e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.5247e-03	-4.0206e-02	-	
6.7005e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.2215e-01	6.7074e-01	-	
1.2940e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1325e-01	1.7855e-01	-	
6.9528e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	-9.0122e-03	5.4969e-02	-	
1.3318e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.7372e-01	1.0573e+00	-	
4.7131e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.7765e-02	4.3969e-01	-	
-----+								
-----+								
-----+								
Shell n.ro 97								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+								
3.7764e-03	125	1	0.0000e+00	0.0000e+00	0.0000e+00	2.2562e-03	-2.1696e-02	
3.5841e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	7.1974e-03	-5.2839e-02		
1.2983e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	2.6072e-03	-1.9140e-02		
1.8730e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.1514e-01	5.3202e-01		
2.4893e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-7.4450e-02	3.0259e-01		
1.3250e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	-8.8559e-03	4.1599e-02		
2.5565e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.7056e-01	8.0089e-01		
1.1820e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.4102e-02	3.4409e-01		
3.0735e-03	150	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1221e-03	-5.0911e-03	
2.6540e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.5479e-02	-4.5801e-02		

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		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.6070e-03	-1.6591e-02	
9.6139e-03	-4.2400e-03	-3.5300e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	3.8718e-02	1.6966e-01	
9.1117e-02	5.8750e-03	5.8108e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.8433e-02	-8.0422e-02	
1.5412e-01	3.5800e-03	6.1246e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	3.5829e-03	1.4941e-02	
6.1568e-03	4.5500e-04	4.2757e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	6.8759e-02	2.8698e-01	
1.1892e-01	8.7560e-03	8.2425e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.6202e-02	1.1327e-01	
5.6935e-02	3.7890e-03	3.7024e-01						
		126	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2655e-04	-2.1442e-02
1.0226e-02	-6.9820e-03	-2.9251e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-6.5850e-03	-4.4723e-02	
5.6131e-02	-3.3066e-02	-2.2337e-02						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.3853e-03	-1.6201e-02	
2.0333e-02	-1.1978e-02	-8.0910e-03						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.1258e-01	6.4866e-01	-
1.7433e-03	4.1730e-03	5.7937e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-7.2314e-02	4.1637e-01	
1.5557e-01	2.1150e-03	6.1100e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.6590e-03	5.0213e-02	-
1.5986e-03	3.3900e-04	4.2641e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.6677e-01	9.6693e-01	-
3.0194e-02	6.5150e-03	8.2201e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.2449e-02	4.1842e-01	
4.9116e-03	2.7360e-03	3.6919e-01						
		151	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.8816e-03	-4.7441e-03
9.5227e-03	-1.7190e-03	-2.9251e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9701e-02	-3.7179e-02	
4.6830e-02	-1.1704e-02	-2.2337e-02						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0759e-02	-1.3468e-02	
1.6964e-02	-4.2400e-03	-8.0910e-03						
		6	0.0000e+00	0.0000e+00	0.0000e+00	4.2443e-02	2.8514e-01	-
9.7923e-02	5.8750e-03	5.7937e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.7007e-02	3.4074e-02	
6.0771e-02	3.5800e-03	6.1100e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	3.8823e-03	2.3453e-02	-
8.6918e-03	4.5500e-04	4.2641e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	7.4520e-02	4.5106e-01	-
1.6693e-01	8.7560e-03	8.2201e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.8629e-02	1.8680e-01	
6.5456e-02	3.7890e-03	3.6919e-01						

Shell n.ro 98

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
		126	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.1080e-03	-2.3692e-02
1.2872e-02	-9.3650e-03	-2.9119e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3462e-02	-5.5932e-02	
6.2747e-02	-6.8333e-02	-2.0838e-02						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.2121e-02	-2.0261e-02	
2.2729e-02	-2.4753e-02	-7.5480e-03						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.4278e-01	6.6543e-01	-
1.3037e-01	-9.2700e-04	5.8816e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.7021e-02	4.1669e-01	
8.4643e-02	3.7440e-03	6.1652e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.1556e-02	5.1603e-02	-
1.1674e-02	-1.2100e-04	4.3320e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.2232e-01	9.9366e-01	-
2.2416e-01	-2.3060e-03	8.3509e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.3129e-02	4.2942e-01	
8.7416e-02	7.0900e-04	3.7485e-01						

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	151	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.1337e-03	-4.4811e-03	
6.9234e-03								
		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.9846e-02	-3.3375e-02	
4.0394e-02								
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.4434e-02	-1.2090e-02	
1.4632e-02								
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.2363e-02	2.9649e-01	
2.9403e-02								
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.6602e-01	2.9815e-02	
1.3138e-01								
		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.4790e-03	2.4433e-02	
1.2774e-03								
		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.6703e-02	4.6991e-01	
2.5001e-02								
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.4398e-02	1.9433e-01	
1.7039e-02								
		2.0010e-03	3.7485e-01					
	127	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4067e-02	-1.7486e-02	
1.3538e-02								
		3	0.0000e+00	0.0000e+00	0.0000e+00	-6.7117e-02	-3.5580e-02	
7.1585e-02								
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.4312e-02	-1.2888e-02	
2.5931e-02								
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.4573e-01	4.7152e-01	-
1.0196e-02								
		7	0.0000e+00	0.0000e+00	0.0000e+00	3.9244e-02	3.6038e-01	
1.9003e-01								
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.1780e-02	3.5881e-02	-
2.6467e-03								
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.2663e-01	6.9120e-01	-
5.0219e-02								
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.5022e-02	3.0281e-01	
1.0951e-02								
		7.0900e-04	3.7215e-01					
	152	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0991e-02	1.6320e-03	
7.5899e-03								
		3	0.0000e+00	0.0000e+00	0.0000e+00	-7.3020e-02	-1.3411e-02	
4.9232e-02								
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.6451e-02	-4.8578e-03	
1.7834e-02								
		6	0.0000e+00	0.0000e+00	0.0000e+00	-7.3964e-02	1.0715e-01	
1.4958e-01								
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.6491e-01	-2.5386e-02	
2.3676e-01								
		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.6258e-03	9.0834e-03	
1.0304e-02								
		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.9520e-02	1.7460e-01	
1.9894e-01								
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.5476e-02	7.0701e-02	
9.3902e-02								
		2.0010e-03	3.7215e-01					

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| Shell n.ro 99

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	127	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.7881e-02	-2.0033e-02	
1.0442e-02								
		3	0.0000e+00	0.0000e+00	0.0000e+00	-8.4381e-02	-5.0128e-02	
6.3839e-02								
		4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0566e-02	-1.8158e-02	
2.3125e-02								
		6	0.0000e+00	0.0000e+00	0.0000e+00	3.8199e-03	4.6324e-01	
1.8391e-01								
		7	0.0000e+00	0.0000e+00	0.0000e+00	-7.8918e-02	3.5141e-01	
3.0006e-01								
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.0855e-03	3.5254e-02	
1.2466e-02								
		1.3460e-03	4.2569e-02					

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		9	0.0000e+00	0.0000e+00	0.0000e+00	2.0585e-02	6.7911e-01	
2.4077e-01		2.5922e-02	8.2063e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3258e-03	2.9748e-01	
1.1494e-01		1.1330e-02	3.6886e-01					
	152	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.3388e-02	2.9369e-03	
1.0686e-02		-8.3630e-03	-3.1697e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-8.2055e-02	-4.1221e-03	
5.7002e-02		-5.3187e-02	-4.7808e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.9724e-02	-1.4932e-03	
2.0649e-02		-1.9266e-02	-1.7318e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	6.5635e-03	1.0315e-01	-
4.2535e-02		1.2157e-02	5.7901e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1718e-01	-3.0504e-02	
1.2830e-01		7.9780e-03	6.1497e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.3627e-03	8.7696e-03	-
4.6584e-03		9.3700e-04	4.2569e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.5896e-02	1.6856e-01	-
8.9155e-02		1.8036e-02	8.2063e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.0076e-03	6.8087e-02	
3.0287e-02		7.8310e-03	3.6886e-01					
	128	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.6272e-02	-2.1992e-02	
1.0501e-02		-1.8398e-02	-4.1732e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3383e-01	-5.1556e-02	
6.9303e-02		-1.0408e-01	-9.8702e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.8479e-02	-1.8676e-02	
2.5104e-02		-3.7702e-02	-3.5754e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	9.3394e-03	7.4069e-01	
1.1795e-01		1.7624e-02	5.8448e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-7.6680e-02	5.6326e-01	
2.6404e-01		1.3172e-02	6.2017e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.5284e-03	5.6221e-02	
7.5601e-03		1.3460e-03	4.2978e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.9108e-02	1.0831e+00	
1.4621e-01		2.5922e-02	8.2852e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.8194e-03	4.7520e-01	
7.3017e-02		1.1330e-02	3.7236e-01					
	153	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1738e-02	9.6903e-04	
1.0745e-02		-8.3630e-03	-4.1732e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3098e-01	-5.9180e-03	
6.2466e-02		-5.3187e-02	-9.8702e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.7446e-02	-2.1437e-03	
2.2628e-02		-1.9266e-02	-3.5754e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.9673e-02	3.7299e-01	-
1.0850e-01		1.2157e-02	5.8448e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.0618e-01	1.7257e-01	
9.2289e-02		7.9780e-03	6.2017e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.3473e-03	2.9194e-02	-
9.5646e-03		9.3700e-04	4.2978e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	4.4869e-02	5.6204e-01	-
1.8371e-01		1.8036e-02	8.2852e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4245e-02	2.4099e-01	
7.2158e-02		7.8310e-03	3.7236e-01					
+-----+								
+-----+								
+-----+								
Shell n.ro 100								
+-----+								
+-----+								
+-----+								
		128	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.7985e-02	-2.4120e-02
1.2524e-02		-1.1960e-02	-4.1271e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4985e-01	-6.4859e-02	
7.5366e-02		-8.3798e-02	-9.6095e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.4280e-02	-2.3494e-02	
2.7300e-02		-3.0355e-02	-3.4809e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	9.8478e-02	7.4652e-01	-
1.1677e-01		2.2690e-03	5.8757e-01					

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	7	0.0000e+00	0.0000e+00	0.0000e+00	5.8860e-02	5.7330e-01		
1.1376e-01	5.7380e-03	6.2462e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	7.1375e-03	5.6549e-02	-	
1.0369e-02	1.5400e-04	4.3181e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.3764e-01	1.0894e+00	-	
1.9913e-01	2.9820e-03	8.3245e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.2070e-02	4.7866e-01		
7.7799e-02	1.4380e-03	3.7426e-01						
	153	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2465e-02	2.6093e-03	
8.7728e-03	-9.3660e-03	-4.1271e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3183e-01	4.0117e-03		
5.6570e-02	-5.7529e-02	-9.6095e-02						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.7753e-02	1.4532e-03		
2.0492e-02	-2.0839e-02	-3.4809e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.5357e-02	3.7597e-01		
1.2324e-01	4.2860e-03	5.8757e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.4799e-01	1.8127e-01		
2.4071e-01	1.5500e-03	6.2462e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.1003e-03	2.9298e-02		
8.1367e-03	3.4700e-04	4.3181e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.1535e-02	5.6411e-01		
1.5725e-01	6.6810e-03	8.3245e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4989e-02	2.4261e-01		
7.6724e-02	2.8030e-03	3.7426e-01						
	129	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4761e-02	-2.0847e-02	
1.2264e-02	-1.1960e-02	-4.3865e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.9463e-01	-5.0577e-02		
7.1226e-02	-8.3798e-02	-1.2236e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.0504e-02	-1.8321e-02		
2.5801e-02	-3.0355e-02	-4.4325e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.0417e-01	4.5523e-01	-	
7.1579e-02	2.2690e-03	5.8555e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	6.1160e-02	4.2137e-01		
2.2093e-01	5.7380e-03	6.2880e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	7.5940e-03	3.4070e-02	-	
7.7376e-03	1.5400e-04	4.2988e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.4642e-01	6.5654e-01	-	
1.4812e-01	2.9820e-03	8.2875e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.5777e-02	2.9119e-01		
5.0682e-02	1.4380e-03	3.7290e-01						
	154	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.9029e-02	5.6779e-03	
8.5134e-03	-9.3660e-03	-4.3865e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7544e-01	1.7203e-02		
5.2430e-02	-5.7529e-02	-1.2236e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.3552e-02	6.2315e-03		
1.8992e-02	-2.0839e-02	-4.4325e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.6945e-02	9.1966e-02		
1.6843e-01	4.2860e-03	5.8555e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.4573e-01	2.9365e-02		
3.4788e-01	1.5500e-03	6.2880e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.2430e-03	7.4191e-03		
1.0768e-02	3.4700e-04	4.2988e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.4274e-02	1.4275e-01		
2.0827e-01	6.6810e-03	8.2875e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.6032e-02	5.9903e-02		
1.0400e-01	2.8030e-03	3.7290e-01						
+-----+								
+-----+								
+-----+								
Shell n.ro 101								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
+-----+								
	129	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.6727e-02	-2.2411e-02	
1.0065e-02	-1.4274e-02	-4.3562e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.0242e-01	-5.9831e-02		
6.1385e-02	-7.9100e-02	-1.2037e-01						

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	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.3324e-02	-2.1673e-02	
2.2236e-02	-2.8653e-02	-4.3603e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	5.9014e-02	4.5342e-01	
1.8534e-01	1.8493e-02	5.8371e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1475e-02	4.1978e-01	
4.2608e-01	1.6790e-02	6.2457e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	4.6753e-03	3.3922e-02	
1.1428e-02	1.3630e-03	4.2877e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	8.9988e-02	6.5370e-01	
2.2124e-01	2.6283e-02	8.2659e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.7913e-02	2.9000e-01	
1.1354e-01	1.1775e-02	3.7178e-01					
	154	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.8527e-02	6.9488e-03
1.0710e-02	-7.6690e-03	-4.3562e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7400e-01	2.5188e-02	
6.2246e-02	-4.9101e-02	-1.2037e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.3030e-02	9.1243e-03	
2.2548e-02	-1.7786e-02	-4.3603e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.0385e-02	9.2213e-02	-
8.5567e-02	1.5111e-02	5.8371e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.2936e-02	3.4986e-02	
1.4531e-01	1.0903e-02	6.2457e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	7.2051e-04	7.3757e-03	-
8.1806e-03	1.1520e-03	4.2877e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.3908e-02	1.4193e-01	-
1.5690e-01	2.2189e-02	8.2659e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.1078e-03	5.9924e-02	
5.8235e-02	9.7060e-03	3.7178e-01					
	130	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3645e-02	-2.4510e-02
8.0623e-03	-1.4274e-02	-5.0167e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4290e-01	-6.8526e-02	
5.1466e-02	-7.9100e-02	-1.5037e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.7989e-02	-2.4823e-02	
1.8643e-02	-2.8653e-02	-5.4470e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	6.4547e-02	7.8564e-01	
1.6081e-01	1.8493e-02	5.8710e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.0531e-02	7.6621e-01	
3.5559e-01	1.6790e-02	6.3046e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	5.1222e-03	5.7953e-02	
9.9684e-03	1.3630e-03	4.3089e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	9.8585e-02	1.1171e+00	
1.9296e-01	2.6283e-02	8.3069e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.1518e-02	5.0041e-01	
9.8654e-02	1.1775e-02	3.7385e-01					
	155	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.5334e-02	4.7595e-03
8.7073e-03	-7.6690e-03	-5.0167e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1371e-01	1.5809e-02	
5.2327e-02	-4.9101e-02	-1.5037e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.7413e-02	5.7267e-03	
1.8955e-02	-1.7786e-02	-5.4470e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.5871e-02	4.1447e-01	-
1.1010e-01	1.5111e-02	5.8710e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.6558e-02	3.6596e-01	
7.4822e-02	1.0903e-02	6.3046e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.8471e-03	3.0727e-02	-
9.6401e-03	1.1520e-03	4.3089e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	3.5631e-02	5.9224e-01	-
1.8518e-01	2.2189e-02	8.3069e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.5930e-02	2.6409e-01	
7.3061e-02	9.7060e-03	3.7385e-01					

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Nodo	cond	S11	S22	S12	M11	M22	M12
T11	T22						

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	130	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2699e-02	-2.5243e-02	
9.2560e-03	-5.0250e-03	-4.9927e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3967e-01	-7.3146e-02	
5.6298e-02	-4.1297e-02	-1.4900e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.6820e-02	-2.6496e-02	
2.0393e-02	-1.4960e-02	-5.3975e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.0559e-01	7.8885e-01	-
1.1165e-01	1.2580e-03	5.8839e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.6350e-01	7.8489e-01	
9.4953e-02	2.2320e-03	6.3574e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	7.0626e-03	5.8083e-02	-
9.9997e-03	9.9100e-05	4.3155e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.3645e-01	1.1197e+00	-
1.9201e-01	1.9080e-03	8.3198e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.5573e-02	5.0225e-01	
7.4584e-02	8.3000e-04	3.7462e-01						
	155	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.5376e-02	5.6739e-03	
7.5515e-03	-6.3440e-03	-4.9927e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1233e-01	2.1350e-02	
4.7628e-02	-3.8976e-02	-1.4900e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.6916e-02	7.7338e-03	
1.7253e-02	-1.4118e-02	-5.3975e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.4033e-02	4.1710e-01	
1.5875e-01	2.8830e-03	5.8839e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.0825e-02	3.8524e-01	
3.3203e-01	-1.2180e-03	6.3574e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	9.3456e-04	3.0803e-02	
1.0063e-02	2.5300e-04	4.3155e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.8057e-02	5.9375e-01	
1.9467e-01	4.8590e-03	8.3198e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.3153e-03	2.6553e-01	
9.7848e-02	1.9250e-03	3.7462e-01						
	131	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.6353e-02	-2.3808e-02	
8.1984e-03	-5.0250e-03	-4.8608e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6535e-01	-6.7185e-02	
4.8666e-02	-4.1297e-02	-1.5132e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.6120e-02	-2.4337e-02	
1.7629e-02	-1.4960e-02	-5.4816e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.1109e-01	4.6036e-01	-
9.2983e-02	1.2580e-03	5.8677e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.6473e-01	4.9950e-01	
1.8298e-01	2.2320e-03	6.3919e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	7.5067e-03	3.3692e-02	-
9.0970e-03	9.9100e-05	4.3001e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.4499e-01	6.4957e-01	-
1.7441e-01	1.9080e-03	8.2903e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.9155e-02	2.9289e-01	
6.3597e-02	8.3000e-04	3.7353e-01						
	156	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.8835e-02	6.9106e-03	
6.4939e-03	-6.3440e-03	-4.8608e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3687e-01	2.6179e-02	
3.9995e-02	-3.8976e-02	-1.5132e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.5804e-02	9.4832e-03	
1.4488e-02	-1.4118e-02	-5.4816e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.1122e-02	9.7029e-02	
1.7742e-01	2.8830e-03	5.8677e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.1425e-02	1.0167e-01	
4.2006e-01	-1.2180e-03	6.3919e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	7.1069e-04	7.0796e-03	
1.0966e-02	2.5300e-04	4.3001e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.3746e-02	1.3650e-01	
2.1227e-01	4.8590e-03	8.2903e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.4556e-03	6.1625e-02	
1.0893e-01	1.9250e-03	3.7353e-01						

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	Nodo T11	cond T22	S11	S22	S12	M11	M22	M12
-----+-----								
-----+-----								
	131	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.6237e-02	-2.4196e-02	
6.9428e-03		-8.0090e-03	-4.8500e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6308e-01	-6.9455e-02	
4.2583e-02		-4.0637e-02	-1.5061e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.5300e-02	-2.5159e-02	
1.5425e-02		-1.4720e-02	-5.4557e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	9.2273e-02	4.5985e-01	
1.8959e-01		1.7212e-02	5.8595e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	9.7395e-02	5.0250e-01	
5.0046e-01		2.0499e-02	6.3509e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	6.5291e-03	3.3647e-02	
1.1335e-02		1.2430e-03	4.2963e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.2598e-01	6.4872e-01	
2.1961e-01		2.3974e-02	8.2828e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	5.7904e-02	2.9256e-01	
1.1574e-01		1.0912e-02	3.7305e-01					
	156	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.7960e-02	7.4963e-03	
7.7529e-03		-3.8400e-03	-4.8500e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3237e-01	2.9803e-02	
4.6058e-02		-2.5577e-02	-1.5061e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.4173e-02	1.0796e-02	
1.6684e-02		-9.2650e-03	-5.4557e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	3.1436e-02	9.7840e-02	-
1.0188e-01		1.4413e-02	5.8595e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.1516e-01	1.1252e-01	
1.0627e-01		1.2217e-02	6.3509e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4901e-03	7.0845e-03	-
9.2289e-03		1.0830e-03	4.2963e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.9075e-02	1.3662e-01	-
1.7718e-01		2.0876e-02	8.2828e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.8192e-02	6.2048e-02	
6.8220e-02		9.2250e-03	3.7305e-01					
	132	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0000e-02	-2.5858e-02	
5.2617e-03		-8.0090e-03	-5.2669e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8416e-01	-7.7422e-02	
3.3140e-02		-4.0637e-02	-1.6567e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0293e-01	-2.8045e-02	
1.2005e-02		-1.4720e-02	-6.0012e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	9.6780e-02	8.1703e-01	
1.7469e-01		1.7212e-02	5.8875e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	9.7766e-02	9.8754e-01	
4.1095e-01		2.0499e-02	6.4338e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	6.8956e-03	5.8834e-02	
1.0755e-02		1.2430e-03	4.3123e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.3303e-01	1.1347e+00	
2.0821e-01		2.3974e-02	8.3138e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.0841e-02	5.1774e-01	
1.0714e-01		1.0912e-02	3.7473e-01					
	157	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1610e-02	5.7339e-03	
6.0718e-03		-3.8400e-03	-5.2669e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5272e-01	2.1160e-02	
3.6616e-02		-2.5577e-02	-1.6567e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.1544e-02	7.6648e-03	
1.3264e-02		-9.2650e-03	-6.0012e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	4.6711e-02	4.4424e-01	-
1.1677e-01		1.4413e-02	5.8875e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.3525e-01	5.7781e-01	
1.6749e-02		1.2217e-02	6.4338e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.5789e-03	3.1549e-02	-
9.8089e-03		1.0830e-03	4.3123e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	5.0078e-02	6.0866e-01	-
1.8858e-01		2.0876e-02	8.3138e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.7836e-02	2.8051e-01	
7.6737e-02		9.2250e-03	3.7473e-01					
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Shell n.ro 104									
+-----+ -----+									
	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
+-----+ -----+									
	132	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.8769e-02	-2.5942e-02		
6.1780e-03		3	-9.5700e-05	-5.2582e-02	0.0000e+00	-2.7758e-01	-7.7992e-02		
3.7483e-02		4	-1.0898e-02	-1.6517e-01	0.0000e+00	-1.0055e-01	-2.8252e-02		
1.3578e-02		6	-3.9480e-03	-5.9832e-02	0.0000e+00	1.1835e-01	8.1883e-01	-	
1.1673e-01		7	-1.2460e-03	5.8941e-01	0.0000e+00	2.7124e-01	1.0046e+00		
3.5979e-02		8	-4.1680e-03	6.4800e-01	0.0000e+00	7.6796e-03	5.8891e-02	-	
1.0013e-02		9	-7.0800e-05	4.3149e-02	0.0000e+00	1.4848e-01	1.1358e+00	-	
1.9243e-01		Dyn Y	-1.3730e-03	8.3189e-01	0.0000e+00	7.3424e-02	5.1879e-01		
7.7137e-02		157	7.4600e-04	3.7512e-01	0.0000e+00	-4.1132e-02	6.1602e-03		
5.1854e-03		3	-2.8700e-03	-5.2582e-02	0.0000e+00	-2.4926e-01	2.3736e-02		
3.2376e-02		4	-1.7445e-02	-1.6517e-01	0.0000e+00	-9.0292e-02	8.5980e-03		
1.1728e-02		6	-6.3190e-03	-5.9832e-02	0.0000e+00	4.3219e-02	4.4605e-01		
1.7074e-01		7	3.6000e-04	5.8941e-01	0.0000e+00	1.3842e-01	5.9602e-01		
3.8667e-01		8	-4.6570e-03	6.4800e-01	0.0000e+00	2.3118e-03	3.1596e-02		
1.0681e-02		9	7.0500e-05	4.3149e-02	0.0000e+00	4.4933e-02	6.0960e-01		
2.0670e-01		Dyn Y	1.3400e-03	8.3189e-01	0.0000e+00	2.5628e-02	2.8154e-01		
1.0504e-01		133	3.2800e-04	3.7512e-01	0.0000e+00	-4.9771e-02	-2.4857e-02		
5.0785e-03		3	-9.5700e-05	-4.9808e-02	0.0000e+00	-2.8689e-01	-7.3176e-02		
3.0358e-02		4	-1.0898e-02	-1.5863e-01	0.0000e+00	-1.0392e-01	-2.6507e-02		
1.0997e-02		6	-3.9480e-03	-5.7460e-02	0.0000e+00	1.2266e-01	4.6915e-01	-	
1.1154e-01		7	-1.2460e-03	5.8780e-01	0.0000e+00	2.7162e-01	5.8006e-01		
8.1819e-02		8	-4.1680e-03	6.4849e-01	0.0000e+00	8.0281e-03	3.3705e-02	-	
9.7318e-03		9	-7.0800e-05	4.3007e-02	0.0000e+00	1.5518e-01	6.5009e-01	-	
1.8696e-01		Dyn Y	-1.3730e-03	8.2918e-01	0.0000e+00	7.6226e-02	2.9729e-01		
7.3835e-02		158	7.4600e-04	3.7405e-01	0.0000e+00	-4.1985e-02	7.0877e-03		
4.0859e-03		3	-2.8700e-03	-4.9808e-02	0.0000e+00	-2.5768e-01	2.7639e-02		
2.5251e-02		4	-1.7445e-02	-1.5863e-01	0.0000e+00	-9.3342e-02	1.0012e-02		
9.1468e-03		6	-6.3190e-03	-5.7460e-02	0.0000e+00	3.8353e-02	1.0556e-01		
1.7593e-01		7	3.6000e-04	5.8780e-01	0.0000e+00	1.3253e-01	1.7771e-01		
4.3251e-01		8	-4.6570e-03	6.4849e-01	0.0000e+00	1.9631e-03	7.1073e-03		
1.0962e-02		9	7.0500e-05	4.3007e-02	0.0000e+00	3.8207e-02	1.3729e-01		
2.1217e-01			1.3400e-03	8.2918e-01	0.0000e+00				

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1.0837e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.2560e-02	6.5929e-02			
	3.2800e-04	3.7405e-01							
-----+-----									
+-----+-----									
+-----+-----									
Shell n.ro 105									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+-----									
+-----+-----									
		133	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.9144e-02	-2.4869e-02	
4.1921e-03			-4.5770e-03	-4.9771e-02					
			3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8254e-01	-7.3219e-02	
2.5861e-02			-1.9325e-02	-1.5838e-01					
			4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0235e-01	-2.6523e-02	
9.3677e-03			-7.0000e-03	-5.7372e-02					
			6	0.0000e+00	0.0000e+00	0.0000e+00	1.1396e-01	4.6899e-01	
1.8426e-01			1.4722e-02	5.8741e-01					
			7	0.0000e+00	0.0000e+00	0.0000e+00	2.1163e-01	5.8012e-01	
4.9794e-01			2.0979e-02	6.4550e-01					
			8	0.0000e+00	0.0000e+00	0.0000e+00	7.6702e-03	3.3690e-02	
1.1205e-02			1.0470e-03	4.2993e-02					
			9	0.0000e+00	0.0000e+00	0.0000e+00	1.4816e-01	6.4981e-01	
2.1701e-01			2.0194e-02	8.2889e-01					
			Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.1084e-02	2.9719e-01	
1.1312e-01			9.3120e-03	3.7382e-01					
		158	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1223e-02	7.3775e-03	
4.9777e-03			-1.1220e-03	-4.9771e-02					
			3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5336e-01	2.9416e-02	
2.9731e-02			-8.6440e-03	-1.5838e-01					
			4	0.0000e+00	0.0000e+00	0.0000e+00	-9.1776e-02	1.0656e-02	
1.0770e-02			-3.1310e-03	-5.7372e-02					
			6	0.0000e+00	0.0000e+00	0.0000e+00	4.9534e-02	1.0622e-01	-
1.1643e-01			1.2180e-02	5.8741e-01					
			7	0.0000e+00	0.0000e+00	0.0000e+00	2.2433e-01	1.8401e-01	
2.1033e-02			1.2560e-02	6.4550e-01					
			8	0.0000e+00	0.0000e+00	0.0000e+00	2.3065e-03	7.1186e-03	-
9.7305e-03			9.0000e-04	4.2993e-02					
			9	0.0000e+00	0.0000e+00	0.0000e+00	4.5031e-02	1.3752e-01	-
1.8709e-01			1.7344e-02	8.2889e-01					
			Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.9117e-02	6.6302e-02	
7.6353e-02			7.7670e-03	3.7382e-01					
		134	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0965e-02	-2.6134e-02	
2.9176e-03			-4.5770e-03	-5.3226e-02					
			3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9153e-01	-7.9386e-02	
1.8374e-02			-1.9325e-02	-1.6906e-01					
			4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0560e-01	-2.8757e-02	
6.6558e-03			-7.0000e-03	-6.1241e-02					
			6	0.0000e+00	0.0000e+00	0.0000e+00	1.1691e-01	8.3703e-01	
1.7215e-01			1.4722e-02	5.8995e-01					
			7	0.0000e+00	0.0000e+00	0.0000e+00	2.1184e-01	1.1649e+00	
4.1121e-01			2.0979e-02	6.5392e-01					
			8	0.0000e+00	0.0000e+00	0.0000e+00	7.9122e-03	5.9306e-02	
1.0889e-02			1.0470e-03	4.3140e-02					
			9	0.0000e+00	0.0000e+00	0.0000e+00	1.5282e-01	1.1442e+00	
2.1066e-01			2.0194e-02	8.3174e-01					
			Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.3009e-02	5.2894e-01	
1.0632e-01			9.3120e-03	3.7537e-01					
		159	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2967e-02	6.0453e-03	
3.7032e-03			-1.1220e-03	-5.3226e-02					
			3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6186e-01	2.2800e-02	
2.2245e-02			-8.6440e-03	-1.6906e-01					
			4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4858e-02	8.2592e-03	
8.0579e-03			-3.1310e-03	-6.1241e-02					
			6	0.0000e+00	0.0000e+00	0.0000e+00	6.3410e-02	4.6333e-01	-
1.2854e-01			1.2180e-02	5.8995e-01					
			7	0.0000e+00	0.0000e+00	0.0000e+00	2.4510e-01	7.4820e-01	-
6.5696e-02			1.2560e-02	6.5392e-01					

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1.0047e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	3.2821e-03	3.2000e-02	-
1.9344e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	6.3858e-02	6.1777e-01	-
8.3087e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.7854e-02	2.9122e-01	
	7.7670e-03	3.7537e-01					
-----+-----							
+-----+-----							
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Shell n.ro 106							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+-----							
3.7394e-03	134	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0189e-02	-2.6094e-02
2.2538e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.8712e-01	-7.9160e-02
8.1642e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0401e-01	-2.8675e-02
1.2895e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2779e-01	8.3795e-01
4.4157e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8588e-01	1.1716e+00
1.0206e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.2393e-03	5.9331e-02
1.9644e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.5933e-01	1.1447e+00
8.3589e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.9444e-02	5.2949e-01
2.9080e-03	159	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2476e-02	6.2583e-03
1.8170e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.5871e-01	2.4088e-02
6.5820e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.3715e-02	8.7255e-03
1.6851e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.2329e-02	4.6436e-01
3.8355e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.4241e-01	7.5581e-01
1.0764e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.2027e-03	3.2025e-02
2.0820e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.2327e-02	6.1828e-01
1.0426e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.7196e-02	2.9182e-01
2.6460e-03	135	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.9896e-02	-2.4977e-02
1.5750e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.8828e-01	-7.3794e-02
5.7054e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0443e-01	-2.6731e-02
1.3165e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3044e-01	4.7558e-01
7.1463e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8646e-01	6.5159e-01
1.0194e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.4531e-03	3.3777e-02
1.9630e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.6344e-01	6.5165e-01
8.4748e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.1165e-02	3.0070e-01
1.8145e-03	160	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2089e-02	7.2724e-03
1.1383e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.5930e-01	2.8858e-02
4.1232e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.3927e-02	1.0453e-02

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1.6582e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	5.5176e-02	1.1180e-01		
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.3175e-01	2.4709e-01		
3.5624e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	2.7026e-03	7.1857e-03		
1.0776e-02	9	0.0000e+00	0.0000e+00	0.0000e+00	5.2675e-02	1.3896e-01		
2.0834e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.2699e-02	6.9275e-02		
1.0309e-01	1.6580e-03	3.7442e-01						
-----+-----								
+-----+-----								
+-----+-----								
Shell n.ro 107								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+-----								
1.8429e-03	135	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.9481e-02	-2.4945e-02	
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8559e-01	-7.3591e-02	
1.1539e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0345e-01	-2.6658e-02	
4.1800e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	1.2687e-01	4.7552e-01	
1.7075e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	2.6266e-01	6.5142e-01	
3.8835e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	8.3302e-03	3.3773e-02	
1.0950e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	1.6101e-01	6.5157e-01	
2.1177e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.9050e-02	3.0067e-01	
1.0598e-01		7.2760e-03	3.7433e-01					
2.6233e-03	160	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1670e-02	7.4075e-03	
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5685e-01	2.9683e-02	
1.5576e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.3039e-02	1.0752e-02	
5.6422e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	6.0197e-02	1.1214e-01	-
1.3306e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	2.6812e-01	2.4978e-01	-
9.8379e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	2.8383e-03	7.1925e-03	-
1.0120e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	5.5390e-02	1.3910e-01	-
1.9495e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.5704e-02	6.9476e-02	
8.5405e-02		5.8630e-03	3.7433e-01					
7.0309e-04	136	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0511e-02	-2.6077e-02	
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8948e-01	-7.9137e-02	
4.6905e-03		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0486e-01	-2.8667e-02	
1.6991e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	1.2800e-01	8.4682e-01	
1.6051e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	2.6252e-01	1.2468e+00	
3.0768e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	8.4247e-03	5.9519e-02	
1.0739e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	1.6283e-01	1.1486e+00	
2.0748e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.9790e-02	5.3452e-01	
1.0035e-01		7.2760e-03	3.7574e-01					
1.4835e-03	161	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2674e-02	6.2607e-03	
		1.6500e-05	-5.3352e-02					

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8.7269e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6058e-01	2.4017e-02		
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4393e-02	8.7001e-03		
3.1612e-03	6	0.0000e+00	0.0000e+00	0.0000e+00	7.2059e-02	4.7270e-01	-	
1.4330e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.8664e-01	8.2645e-01	-	
1.7905e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	3.6653e-03	3.2206e-02	-	
1.0331e-02	9	0.0000e+00	0.0000e+00	0.0000e+00	7.1350e-02	6.2195e-01	-	
1.9924e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3164e-02	2.9657e-01	-	
9.1006e-02	5.8630e-03	3.7574e-01						
-----+								
-----+								
-----+								
Shell n.ro 108								
-----+								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+								
1.5026e-03	136	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0254e-02	-2.6056e-02	
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8799e-01	-7.9013e-02	
8.8389e-03		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0432e-01	-2.8622e-02	
3.2018e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	1.3135e-01	8.4711e-01	-
1.4477e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	2.8558e-01	1.2488e+00	-
1.7468e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	8.5162e-03	5.9526e-02	-
1.0477e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	1.6466e-01	1.1487e+00	-
2.0204e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.1797e-02	5.3469e-01	
9.2009e-02		5.0400e-03	3.7580e-01					
7.0965e-04	161	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2483e-02	6.3291e-03	
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5938e-01	2.4431e-02	
4.6640e-03		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.3957e-02	8.8499e-03	
1.6895e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	7.1810e-02	4.7304e-01	
1.5787e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	2.8587e-01	8.2888e-01	
2.9676e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	3.6478e-03	3.2214e-02	
1.0600e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	7.1013e-02	6.2211e-01	
2.0477e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3018e-02	2.9677e-01	
9.8761e-02		3.7720e-03	3.7580e-01					
3.9498e-04	137	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.9508e-02	-2.4930e-02	
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8611e-01	-7.3485e-02	
2.0921e-03		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0364e-01	-2.6619e-02	
7.5785e-04		6	0.0000e+00	0.0000e+00	0.0000e+00	1.3214e-01	4.7783e-01	-
1.5221e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	2.8597e-01	6.7382e-01	-
2.3706e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	8.5776e-03	3.3808e-02	-
1.0600e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	1.6584e-01	6.5230e-01	-
2.0460e-01		-1.0634e-02	8.2934e-01					

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9.5937e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.2301e-02	3.0193e-01		
	5.0400e-03	3.7453e-01						
	162	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1702e-02	7.4108e-03	-
3.9792e-04	-3.8500e-04	-5.0132e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.5729e-01	2.9718e-02	-
2.0828e-03	-1.4240e-03	-1.6058e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.3200e-02	1.0765e-02	-
7.5447e-04	-5.1600e-04	-5.8169e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.2260e-02	1.1410e-01	
1.5044e-01	-6.0010e-03	5.8874e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.7086e-01	2.6931e-01	
2.3438e-01	-1.0037e-02	6.5734e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.9840e-03	7.2208e-03	
1.0476e-02	-4.1200e-04	4.3014e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.8201e-02	1.3970e-01	
2.0221e-01	-7.9580e-03	8.2934e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.7016e-02	7.0541e-02	
9.4828e-02	3.7720e-03	3.7453e-01						
+-----+								
+-----+								
+-----+								
Shell n.ro 109								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
+-----+								
	137	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.9508e-02	-2.4930e-02	-
3.9498e-04	-2.8260e-03	-5.0132e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.8611e-01	-7.3485e-02	-
2.0921e-03	-7.7710e-03	-1.6058e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0364e-01	-2.6619e-02	-
7.5785e-04	-2.8150e-03	-5.8169e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3214e-01	4.7783e-01	
1.5221e-01	8.0100e-03	5.8874e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8597e-01	6.7382e-01	
2.3706e-01	1.3338e-02	6.5734e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.5776e-03	3.3808e-02	
1.0600e-02	5.5100e-04	4.3014e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.6584e-01	6.5230e-01	
2.0460e-01	1.0634e-02	8.2934e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.2303e-02	3.0193e-01	
9.5945e-02	5.0390e-03	3.7453e-01						
	162	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1702e-02	7.4108e-03	
3.9792e-04	3.8500e-04	-5.0132e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.5729e-01	2.9718e-02	
2.0828e-03	1.4240e-03	-1.6058e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.3200e-02	1.0765e-02	
7.5447e-04	5.1600e-04	-5.8169e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.2260e-02	1.1410e-01	-
1.5044e-01	6.0010e-03	5.8874e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.7086e-01	2.6931e-01	-
2.3438e-01	1.0037e-02	6.5734e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.9840e-03	7.2208e-03	-
1.0476e-02	4.1200e-04	4.3014e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.8201e-02	1.3970e-01	-
2.0221e-01	7.9580e-03	8.2934e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.7015e-02	7.0541e-02	
9.4819e-02	3.7710e-03	3.7453e-01						
	138	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0254e-02	-2.6056e-02	-
1.5026e-03	-2.8260e-03	-5.3343e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.8799e-01	-7.9013e-02	-
8.8389e-03	-7.7710e-03	-1.6978e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0432e-01	-2.8622e-02	-
3.2018e-03	-2.8150e-03	-6.1500e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3135e-01	8.4711e-01	
1.4477e-01	8.0100e-03	5.9075e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8558e-01	1.2488e+00	
1.7468e-01	1.3338e-02	6.6065e-01						

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1.0477e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	8.5162e-03	5.9526e-02	
2.0204e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.6466e-01	1.1487e+00	
9.2019e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.1797e-02	5.3469e-01	
7.0965e-04	163	1	0.0000e+00	0.0000e+00	-4.2483e-02	6.3291e-03	-
4.6640e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5938e-01	2.4431e-02	-
1.6895e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.3957e-02	8.8499e-03	-
1.5787e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	7.1810e-02	4.7304e-01	-
2.9676e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.8587e-01	8.2888e-01	-
1.0600e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	3.6478e-03	3.2214e-02	-
2.0477e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	7.1013e-02	6.2211e-01	-
9.8750e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3017e-02	2.9677e-01	
-----+-----							
-----+-----							
-----+-----							
Shell n.ro 110							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+-----							
7.0309e-04	138	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0511e-02	-2.6077e-02
4.6905e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8948e-01	-7.9137e-02	-
1.6991e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0486e-01	-2.8667e-02	-
1.6051e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.2800e-01	8.4682e-01	-
3.0768e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.6252e-01	1.2468e+00	-
1.0739e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	8.4247e-03	5.9519e-02	-
2.0748e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.6283e-01	1.1486e+00	-
1.0034e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.9789e-02	5.3452e-01	
1.4835e-03	163	1	0.0000e+00	0.0000e+00	-4.2674e-02	6.2607e-03	-
8.7269e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6058e-01	2.4017e-02	-
3.1612e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4393e-02	8.7001e-03	-
1.4330e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	7.2059e-02	4.7270e-01	
1.7905e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.8664e-01	8.2645e-01	
1.0331e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	3.6653e-03	3.2206e-02	
1.9924e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	7.1350e-02	6.2195e-01	
9.1015e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3163e-02	2.9657e-01	
1.8429e-03	139	1	0.0000e+00	0.0000e+00	-4.9481e-02	-2.4945e-02	-
1.1539e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8559e-01	-7.3591e-02	-
4.1800e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0345e-01	-2.6658e-02	-

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1.7075e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.2687e-01	4.7552e-01	-	
3.8835e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.6266e-01	6.5142e-01	-	
1.0950e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	8.3302e-03	3.3773e-02	-	
2.1177e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	1.6101e-01	6.5157e-01	-	
1.0597e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.9048e-02	3.0068e-01	-	
2.6233e-03	164	1	0.0000e+00	0.0000e+00	-4.1670e-02	7.4075e-03	-	
1.5576e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5685e-01	2.9683e-02	-	
5.6422e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.3039e-02	1.0752e-02	-	
1.3306e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	6.0197e-02	1.1214e-01	-	
9.8379e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	2.6812e-01	2.4978e-01	-	
1.0120e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	2.8383e-03	7.1925e-03	-	
1.9495e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	5.5390e-02	1.3910e-01	-	
8.5414e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.5703e-02	6.9476e-02	-	
-----+								
-----+								
-----+								
Shell n.ro 111								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+								
2.6460e-03	139	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.9896e-02	-2.4977e-02	-
1.5750e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.8828e-01	-7.3794e-02	-
5.7054e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0443e-01	-2.6731e-02	-
1.3165e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3044e-01	4.7558e-01	-
7.1463e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8646e-01	6.5159e-01	-
1.0194e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.4531e-03	3.3777e-02	-
1.9630e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.6344e-01	6.5165e-01	-
8.4758e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.1162e-02	3.0070e-01	-
1.8145e-03	164	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2089e-02	7.2724e-03	-
1.1383e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.5930e-01	2.8858e-02	-
4.1232e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.3927e-02	1.0453e-02	-
1.6582e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.5176e-02	1.1180e-01	-
3.5624e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.3175e-01	2.4709e-01	-
1.0776e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.7026e-03	7.1857e-03	-
2.0834e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.2675e-02	1.3896e-01	-
1.0307e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.2697e-02	6.9275e-02	-
3.7394e-03	140	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0189e-02	-2.6094e-02	-

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		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8712e-01	-7.9160e-02	-
2.2538e-02	-2.9090e-03	-1.6889e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0401e-01	-2.8675e-02	-
8.1642e-03	-1.0540e-03	-6.1177e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.2779e-01	8.3795e-01	-
1.2895e-01	4.4760e-03	5.9028e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.8588e-01	1.1716e+00	-
4.4157e-02	8.4890e-03	6.5608e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	8.2393e-03	5.9331e-02	-
1.0206e-02	2.9800e-04	4.3150e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.5933e-01	1.1447e+00	-
1.9644e-01	5.7510e-03	8.3195e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.9441e-02	5.2949e-01	-
8.3598e-02	2.7930e-03	3.7556e-01						
	165	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2476e-02	6.2583e-03	-
2.9080e-03	1.0130e-03	-5.3195e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5871e-01	2.4088e-02	-
1.8170e-02	5.6990e-03	-1.6889e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.3715e-02	8.7255e-03	-
6.5820e-03	2.0640e-03	-6.1177e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	6.2329e-02	4.6436e-01	-
1.6851e-01	2.7170e-03	5.9028e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.4241e-01	7.5581e-01	-
3.8355e-01	7.6190e-03	6.5608e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	3.2027e-03	3.2025e-02	-
1.0764e-02	1.6000e-04	4.3150e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	6.2327e-02	6.1828e-01	-
2.0820e-01	3.1040e-03	8.3195e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.7193e-02	2.9182e-01	-
1.0425e-01	1.6570e-03	3.7556e-01						
+-----+ -----+ -----+ -----+								
	Shell n.ro 112							
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
+-----+ -----+ -----+ -----+								
	140	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0965e-02	-2.6134e-02	-
2.9176e-03	4.5770e-03	-5.3226e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9153e-01	-7.9386e-02	-
1.8374e-02	1.9325e-02	-1.6906e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0560e-01	-2.8757e-02	-
6.6558e-03	7.0000e-03	-6.1241e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.1691e-01	8.3703e-01	-
1.7215e-01	-1.4722e-02	5.8995e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.1184e-01	1.1649e+00	-
4.1121e-01	-2.0979e-02	6.5392e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	7.9122e-03	5.9306e-02	-
1.0889e-02	-1.0470e-03	4.3140e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.5282e-01	1.1442e+00	-
2.1066e-01	-2.0194e-02	8.3174e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.3006e-02	5.2894e-01	-
1.0631e-01	9.3130e-03	3.7537e-01						
	165	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2967e-02	6.0453e-03	-
3.7032e-03	1.1220e-03	-5.3226e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6186e-01	2.2800e-02	-
2.2245e-02	8.6440e-03	-1.6906e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4858e-02	8.2592e-03	-
8.0579e-03	3.1310e-03	-6.1241e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	6.3410e-02	4.6333e-01	-
1.2854e-01	-1.2180e-02	5.8995e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.4510e-01	7.4820e-01	-
6.5696e-02	-1.2560e-02	6.5392e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	3.2821e-03	3.2000e-02	-
1.0047e-02	-9.0000e-04	4.3140e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	6.3858e-02	6.1777e-01	-
1.9344e-01	-1.7344e-02	8.3174e-01						

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	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.7851e-02	2.9122e-01	
8.3095e-02	7.7680e-03	3.7537e-01					
	141	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.9144e-02	-2.4869e-02 -
4.1921e-03	4.5770e-03	-4.9771e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8254e-01	-7.3219e-02	-
2.5861e-02	1.9325e-02	-1.5838e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0235e-01	-2.6523e-02	-
9.3677e-03	7.0000e-03	-5.7372e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.1396e-01	4.6899e-01	-
1.8426e-01	-1.4722e-02	5.8741e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.1163e-01	5.8012e-01	-
4.9794e-01	-2.0979e-02	6.4550e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	7.6702e-03	3.3690e-02	-
1.1205e-02	-1.0470e-03	4.2993e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.4816e-01	6.4981e-01	-
2.1701e-01	-2.0194e-02	8.2889e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.1080e-02	2.9719e-01	
1.1311e-01	9.3130e-03	3.7382e-01					
	166	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1223e-02	7.3775e-03 -
4.9777e-03	1.1220e-03	-4.9771e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5336e-01	2.9416e-02	-
2.9731e-02	8.6440e-03	-1.5838e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.1776e-02	1.0656e-02	-
1.0770e-02	3.1310e-03	-5.7372e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	4.9534e-02	1.0622e-01	
1.1643e-01	-1.2180e-02	5.8741e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.2433e-01	1.8401e-01	-
2.1033e-02	-1.2560e-02	6.4550e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	2.3065e-03	7.1186e-03	
9.7305e-03	-9.0000e-04	4.2993e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	4.5031e-02	1.3752e-01	
1.8709e-01	-1.7344e-02	8.2889e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.9113e-02	6.6303e-02	
7.6362e-02	7.7680e-03	3.7382e-01					
+-----+ -----+ -----+ -----+							
Shell n.ro 113							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
+-----+ -----+ -----+ -----+							
	141	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.9771e-02	-2.4857e-02 -
5.0785e-03	9.5700e-05	-4.9808e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8689e-01	-7.3176e-02	-
3.0358e-02	1.0898e-02	-1.5863e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0392e-01	-2.6507e-02	-
1.0997e-02	3.9480e-03	-5.7460e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.2266e-01	4.6915e-01	
1.1154e-01	1.2460e-03	5.8780e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.7162e-01	5.8006e-01	-
8.1819e-02	4.1680e-03	6.4849e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	8.0281e-03	3.3705e-02	
9.7318e-03	7.0800e-05	4.3007e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.5518e-01	6.5009e-01	
1.8696e-01	1.3730e-03	8.2918e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.6222e-02	2.9729e-01	
7.3846e-02	7.4500e-04	3.7406e-01					
	166	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1985e-02	7.0877e-03 -
4.0859e-03	2.8700e-03	-4.9808e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5768e-01	2.7639e-02	-
2.5251e-02	1.7445e-02	-1.5863e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.3342e-02	1.0012e-02	-
9.1468e-03	6.3190e-03	-5.7460e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	3.8353e-02	1.0556e-01	-
1.7593e-01	-3.6000e-04	5.8780e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.3253e-01	1.7771e-01	-
4.3251e-01	4.6570e-03	6.4849e-01					

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1.0962e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	1.9631e-03	7.1073e-03	-	
2.1217e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	3.8207e-02	1.3729e-01	-	
1.0836e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.2559e-02	6.5931e-02	-	
6.1780e-03	142	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.8769e-02	-2.5942e-02	-
3.7483e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.7758e-01	-7.7992e-02	-
1.3578e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0055e-01	-2.8252e-02	-
1.1673e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1835e-01	8.1883e-01	-
3.5979e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.7124e-01	1.0046e+00	-
1.0013e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.6796e-03	5.8891e-02	-
1.9243e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4848e-01	1.1358e+00	-
7.7144e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.3419e-02	5.1879e-01	-
5.1854e-03	167	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1132e-02	6.1602e-03	-
3.2376e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.4926e-01	2.3736e-02	-
1.1728e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.0292e-02	8.5980e-03	-
1.7074e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.3219e-02	4.4605e-01	-
3.8667e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3842e-01	5.9602e-01	-
1.0681e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.3118e-03	3.1596e-02	-
2.0670e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.4933e-02	6.0960e-01	-
1.0504e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.5627e-02	2.8154e-01	-
-----+-----								
-----+-----								
-----+-----								
Shell n.ro 114								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+-----								
5.2617e-03	142	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0000e-02	-2.5858e-02	-
3.3140e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.8416e-01	-7.7422e-02	-
1.2005e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0293e-01	-2.8045e-02	-
1.7469e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	9.6780e-02	8.1703e-01	-
4.1095e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	9.7766e-02	9.8754e-01	-
1.0755e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.8956e-03	5.8834e-02	-
2.0821e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.3303e-01	1.1347e+00	-
1.0713e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.0844e-02	5.1775e-01	-
6.0718e-03	167	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1610e-02	5.7339e-03	-
3.6616e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.5272e-01	2.1160e-02	-
1.3264e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.1544e-02	7.6648e-03	-

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1.1677e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	4.6711e-02	4.4424e-01	
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.3525e-01	5.7781e-01	-
1.6749e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	2.5789e-03	3.1549e-02	
9.8089e-03	9	0.0000e+00	0.0000e+00	0.0000e+00	5.0078e-02	6.0866e-01	
1.8858e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.7837e-02	2.8051e-01	
7.6745e-02	143	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.6237e-02	-2.4196e-02
6.9428e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6308e-01	-6.9455e-02	-
4.2583e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.5300e-02	-2.5159e-02	-
1.5425e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	9.2273e-02	4.5985e-01	-
1.8959e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	9.7395e-02	5.0250e-01	-
5.0046e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	6.5291e-03	3.3647e-02	-
1.1335e-02	9	0.0000e+00	0.0000e+00	0.0000e+00	1.2598e-01	6.4872e-01	-
2.1961e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	5.7906e-02	2.9256e-01	
1.1573e-01	168	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.7960e-02	7.4963e-03
7.7529e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3237e-01	2.9803e-02	-
4.6058e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.4173e-02	1.0796e-02	-
1.6684e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	3.1436e-02	9.7840e-02	
1.0188e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	1.1516e-01	1.1252e-01	-
1.0627e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4901e-03	7.0845e-03	
9.2289e-03	9	0.0000e+00	0.0000e+00	0.0000e+00	2.9075e-02	1.3662e-01	
1.7718e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.8191e-02	6.2049e-02	
6.8229e-02	168	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.8835e-02	6.9106e-03
-----+-----							
-----+-----							
-----+-----							
Shell n.ro 115							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+-----							
8.1984e-03	143	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.6353e-02	-2.3808e-02
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.6535e-01	-6.7185e-02
4.8666e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.6120e-02	-2.4337e-02
1.7629e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1109e-01	4.6036e-01
9.2983e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.6473e-01	4.9950e-01
1.8298e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.5067e-03	3.3692e-02
9.0970e-03	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4499e-01	6.4957e-01
1.7441e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.9157e-02	2.9289e-01
6.3607e-02	168	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.8835e-02	6.9106e-03
6.4939e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-4.8608e-02	

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		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3687e-01	2.6179e-02	-
3.9995e-02	3.8976e-02	-1.5132e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.5804e-02	9.4832e-03	-
1.4488e-02	1.4118e-02	-5.4816e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.1122e-02	9.7029e-02	-
1.7742e-01	-2.8830e-03	5.8677e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.1425e-02	1.0167e-01	-
4.2006e-01	1.2180e-03	6.3919e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	7.1069e-04	7.0796e-03	-
1.0966e-02	-2.5300e-04	4.3001e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.3746e-02	1.3650e-01	-
2.1227e-01	-4.8590e-03	8.2903e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.4597e-03	6.1627e-02	-
1.0893e-01	1.9260e-03	3.7353e-01						
	144	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2699e-02	-2.5243e-02	-
9.2560e-03	5.0250e-03	-4.9927e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3967e-01	-7.3146e-02	-
5.6298e-02	4.1297e-02	-1.4900e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.6820e-02	-2.6496e-02	-
2.0393e-02	1.4960e-02	-5.3975e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.0559e-01	7.8885e-01	-
1.1165e-01	-1.2580e-03	5.8839e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.6350e-01	7.8489e-01	-
9.4953e-02	-2.2320e-03	6.3574e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	7.0626e-03	5.8083e-02	-
9.9997e-03	-9.9100e-05	4.3155e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.3645e-01	1.1197e+00	-
1.9201e-01	-1.9080e-03	8.3198e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.5575e-02	5.0226e-01	-
7.4593e-02	8.3100e-04	3.7462e-01						
	169	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.5376e-02	5.6739e-03	-
7.5515e-03	6.3440e-03	-4.9927e-02						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1233e-01	2.1350e-02	-
4.7628e-02	3.8976e-02	-1.4900e-01						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.6916e-02	7.7338e-03	-
1.7253e-02	1.4118e-02	-5.3975e-02						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.4033e-02	4.1710e-01	-
1.5875e-01	-2.8830e-03	5.8839e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.0825e-02	3.8524e-01	-
3.3203e-01	1.2180e-03	6.3574e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	9.3456e-04	3.0803e-02	-
1.0063e-02	-2.5300e-04	4.3155e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.8057e-02	5.9375e-01	-
1.9467e-01	-4.8590e-03	8.3198e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	8.3190e-03	2.6554e-01	-
9.7844e-02	1.9260e-03	3.7462e-01						

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	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
		144	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3645e-02	-2.4510e-02	-
8.0623e-03	1.4274e-02	-5.0167e-02							
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4290e-01	-6.8526e-02	-	
5.1466e-02	7.9100e-02	-1.5037e-01							
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.7989e-02	-2.4823e-02	-	
1.8643e-02	2.8653e-02	-5.4470e-02							
		6	0.0000e+00	0.0000e+00	0.0000e+00	6.4547e-02	7.8564e-01	-	
1.6081e-01	-1.8493e-02	5.8710e-01							
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.0531e-02	7.6621e-01	-	
3.5559e-01	-1.6790e-02	6.3046e-01							
		8	0.0000e+00	0.0000e+00	0.0000e+00	5.1222e-03	5.7953e-02	-	
9.9684e-03	-1.3630e-03	4.3089e-02							
		9	0.0000e+00	0.0000e+00	0.0000e+00	9.8585e-02	1.1171e+00	-	
1.9296e-01	-2.6283e-02	8.3069e-01							

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	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.1524e-02	5.0041e-01	
9.8649e-02	1.1776e-02	3.7385e-01					
	169	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.5334e-02	4.7595e-03 -
8.7073e-03	7.6690e-03	-5.0167e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1371e-01	1.5809e-02	-
5.2327e-02	4.9101e-02	-1.5037e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.7413e-02	5.7267e-03	-
1.8955e-02	1.7786e-02	-5.4470e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.5871e-02	4.1447e-01	
1.1010e-01	-1.5111e-02	5.8710e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.6558e-02	3.6596e-01	-
7.4822e-02	-1.0903e-02	6.3046e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.8471e-03	3.0727e-02	
9.6401e-03	-1.1520e-03	4.3089e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	3.5631e-02	5.9224e-01	
1.8518e-01	-2.2189e-02	8.3069e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.5934e-02	2.6409e-01	
7.3069e-02	9.7070e-03	3.7385e-01					
	145	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.6727e-02	-2.2411e-02 -
1.0065e-02	1.4274e-02	-4.3562e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.0242e-01	-5.9831e-02	-
6.1385e-02	7.9100e-02	-1.2037e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.3324e-02	-2.1673e-02	-
2.2236e-02	2.8653e-02	-4.3603e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	5.9014e-02	4.5342e-01	-
1.8534e-01	-1.8493e-02	5.8371e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1475e-02	4.1978e-01	-
4.2608e-01	-1.6790e-02	6.2457e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	4.6753e-03	3.3922e-02	-
1.1428e-02	-1.3630e-03	4.2877e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	8.9988e-02	6.5370e-01	-
2.2124e-01	-2.6283e-02	8.2659e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.7917e-02	2.9001e-01	
1.1353e-01	1.1776e-02	3.7178e-01					
	170	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.8527e-02	6.9488e-03 -
1.0710e-02	7.6690e-03	-4.3562e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7400e-01	2.5188e-02	-
6.2246e-02	4.9101e-02	-1.2037e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.3030e-02	9.1243e-03	-
2.2548e-02	1.7786e-02	-4.3603e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.0385e-02	9.2213e-02	
8.5567e-02	-1.5111e-02	5.8371e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	-3.2936e-02	3.4986e-02	-
1.4531e-01	-1.0903e-02	6.2457e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	7.2051e-04	7.3757e-03	
8.1806e-03	-1.1520e-03	4.2877e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	1.3908e-02	1.4193e-01	
1.5690e-01	-2.2189e-02	8.2659e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.1110e-03	5.9927e-02	
5.8244e-02	9.7070e-03	3.7178e-01					
-----+-----							
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	Shell n.ro 117						
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					
-----+-----							
	145	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4761e-02	-2.0847e-02 -
1.2264e-02	1.1960e-02	-4.3865e-02					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.9463e-01	-5.0577e-02	-
7.1226e-02	8.3798e-02	-1.2236e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.0504e-02	-1.8321e-02	-
2.5801e-02	3.0355e-02	-4.4325e-02					
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.0417e-01	4.5523e-01	
7.1579e-02	-2.2690e-03	5.8555e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	6.1160e-02	4.2137e-01	-
2.2093e-01	-5.7380e-03	6.2880e-01					

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		8	0.0000e+00	0.0000e+00	0.0000e+00	7.5940e-03	3.4070e-02	
7.7376e-03		-1.5400e-04	4.2988e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.4642e-01	6.5654e-01	
1.4812e-01		-2.9820e-03	8.2875e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.5780e-02	2.9120e-01	
5.0692e-02		1.4380e-03	3.7290e-01					
	170	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.9029e-02	5.6779e-03	-
8.5134e-03		9.3660e-03	-4.3865e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7544e-01	1.7203e-02	-
5.2430e-02		5.7529e-02	-1.2236e-01					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.3552e-02	6.2315e-03	-
1.8992e-02		2.0839e-02	-4.4325e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-2.6945e-02	9.1966e-02	-
1.6843e-01		-4.2860e-03	5.8555e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.4573e-01	2.9365e-02	-
3.4788e-01		-1.5500e-03	6.2880e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.2430e-03	7.4191e-03	-
1.0768e-02		-3.4700e-04	4.2988e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-2.4274e-02	1.4275e-01	-
2.0827e-01		-6.6810e-03	8.2875e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.6029e-02	5.9906e-02	
1.0399e-01		2.8040e-03	3.7290e-01					
	146	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.7985e-02	-2.4120e-02	-
1.2524e-02		1.1960e-02	-4.1271e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4985e-01	-6.4859e-02	-
7.5366e-02		8.3798e-02	-9.6095e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.4280e-02	-2.3494e-02	-
2.7300e-02		3.0355e-02	-3.4809e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	9.8478e-02	7.4652e-01	
1.1677e-01		-2.2690e-03	5.8757e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	5.8860e-02	5.7330e-01	-
1.1376e-01		-5.7380e-03	6.2462e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	7.1375e-03	5.6549e-02	
1.0369e-02		-1.5400e-04	4.3181e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.3764e-01	1.0894e+00	
1.9913e-01		-2.9820e-03	8.3245e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.2072e-02	4.7867e-01	
7.7808e-02		1.4380e-03	3.7427e-01					
	171	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2465e-02	2.6093e-03	-
8.7728e-03		9.3660e-03	-4.1271e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3183e-01	4.0117e-03	-
5.6570e-02		5.7529e-02	-9.6095e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.7753e-02	1.4532e-03	-
2.0492e-02		2.0839e-02	-3.4809e-02					
		6	0.0000e+00	0.0000e+00	0.0000e+00	-2.5357e-02	3.7597e-01	-
1.2324e-01		-4.2860e-03	5.8757e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.4799e-01	1.8127e-01	-
2.4071e-01		-1.5500e-03	6.2462e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.1003e-03	2.9298e-02	-
8.1367e-03		-3.4700e-04	4.3181e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-2.1535e-02	5.6411e-01	-
1.5725e-01		-6.6810e-03	8.3245e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4985e-02	2.4262e-01	
7.6721e-02		2.8040e-03	3.7427e-01					
-----+-----								
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-----+-----								
Shell n.ro 118								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+-----								
	146	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.6272e-02	-2.1992e-02	-
1.0501e-02		1.8398e-02	-4.1732e-02					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3383e-01	-5.1556e-02	-
6.9303e-02		1.0408e-01	-9.8702e-02					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.8479e-02	-1.8676e-02	-
2.5104e-02		3.7702e-02	-3.5754e-02					

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	6	0.0000e+00	0.0000e+00	0.0000e+00	9.3394e-03	7.4069e-01	-	
1.1795e-01	-1.7624e-02	5.8448e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-7.6680e-02	5.6326e-01	-	
2.6404e-01	-1.3172e-02	6.2017e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.5284e-03	5.6221e-02	-	
7.5601e-03	-1.3460e-03	4.2978e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.9108e-02	1.0831e+00	-	
1.4621e-01	-2.5922e-02	8.2852e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	7.8186e-03	4.7521e-01		
7.3012e-02	1.1331e-02	3.7236e-01						
	171	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1738e-02	9.6903e-04	-
1.0745e-02	8.3630e-03	-4.1732e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3098e-01	-5.9180e-03	-	
6.2466e-02	5.3187e-02	-9.8702e-02						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.7446e-02	-2.1437e-03	-	
2.2628e-02	1.9266e-02	-3.5754e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.9673e-02	3.7299e-01		
1.0850e-01	-1.2157e-02	5.8448e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.0618e-01	1.7257e-01	-	
9.2289e-02	-7.9780e-03	6.2017e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	2.3473e-03	2.9194e-02		
9.5646e-03	-9.3700e-04	4.2978e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	4.4869e-02	5.6204e-01		
1.8371e-01	-1.8036e-02	8.2852e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4247e-02	2.4100e-01		
7.2166e-02	7.8320e-03	3.7236e-01						
	147	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.7881e-02	-2.0033e-02	-
1.0442e-02	1.8398e-02	-3.1697e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.4381e-02	-5.0128e-02	-	
6.3839e-02	1.0408e-01	-4.7808e-02						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0566e-02	-1.8158e-02	-	
2.3125e-02	3.7702e-02	-1.7318e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	3.8199e-03	4.6324e-01	-	
1.8391e-01	-1.7624e-02	5.7901e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-7.8918e-02	3.5141e-01	-	
3.0006e-01	-1.3172e-02	6.1497e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.0855e-03	3.5254e-02	-	
1.2466e-02	-1.3460e-03	4.2569e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.0585e-02	6.7911e-01	-	
2.4077e-01	-2.5922e-02	8.2063e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	4.3244e-03	2.9749e-01		
1.1494e-01	1.1331e-02	3.6886e-01						
	172	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.3388e-02	2.9369e-03	-
1.0686e-02	8.3630e-03	-3.1697e-02						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.2055e-02	-4.1221e-03	-	
5.7002e-02	5.3187e-02	-4.7808e-02						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.9724e-02	-1.4932e-03	-	
2.0649e-02	1.9266e-02	-1.7318e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	6.5635e-03	1.0315e-01		
4.2535e-02	-1.2157e-02	5.7901e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1718e-01	-3.0504e-02	-	
1.2830e-01	-7.9780e-03	6.1497e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.3627e-03	8.7696e-03		
4.6584e-03	-9.3700e-04	4.2569e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.5896e-02	1.6856e-01		
8.9155e-02	-1.8036e-02	8.2063e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.0095e-03	6.8092e-02		
3.0292e-02	7.8320e-03	3.6886e-01						
+-----+								
+-----+								
+-----+								
	Shell n.ro 119							
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
+-----+								
	147	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4067e-02	-1.7486e-02	-
1.3538e-02	9.3650e-03	-3.2156e-02						

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		3	0.0000e+00	0.0000e+00	0.0000e+00	-6.7117e-02	-3.5580e-02	-
7.1585e-02		6.8333e-02	-5.0665e-02		0.0000e+00	-2.4312e-02	-1.2888e-02	-
		4	0.0000e+00	0.0000e+00	0.0000e+00			
2.5931e-02		2.4753e-02	-1.8353e-02		0.0000e+00	1.4573e-01	4.7152e-01	
		6	0.0000e+00	0.0000e+00	0.0000e+00			
1.0196e-02		9.2700e-04	5.8415e-01		0.0000e+00	3.9244e-02	3.6038e-01	-
		7	0.0000e+00	0.0000e+00	0.0000e+00			
1.9003e-01		-3.7440e-03	6.1868e-01		0.0000e+00	1.1780e-02	3.5881e-02	
		8	0.0000e+00	0.0000e+00	0.0000e+00			
2.6467e-03		1.2100e-04	4.2955e-02		0.0000e+00	2.2663e-01	6.9120e-01	
		9	0.0000e+00	0.0000e+00	0.0000e+00			
5.0219e-02		2.3060e-03	8.2809e-01		0.0000e+00	9.5022e-02	3.0282e-01	
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00			
1.0956e-02		7.0800e-04	3.7215e-01		0.0000e+00	-1.0991e-02	1.6320e-03	-
	172	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.3020e-02	-1.3411e-02	-
7.5899e-03		6.3280e-03	-3.2156e-02		0.0000e+00	-2.6451e-02	-4.8578e-03	-
		3	0.0000e+00	0.0000e+00	0.0000e+00			
4.9232e-02		3.8505e-02	-5.0665e-02		0.0000e+00	-7.3964e-02	1.0715e-01	-
		4	0.0000e+00	0.0000e+00	0.0000e+00			
1.7834e-02		1.3948e-02	-1.8353e-02		0.0000e+00	-1.6491e-01	-2.5386e-02	-
		6	0.0000e+00	0.0000e+00	0.0000e+00			
1.4958e-01		-3.0780e-03	5.8415e-01		0.0000e+00	-4.6258e-03	9.0834e-03	-
		7	0.0000e+00	0.0000e+00	0.0000e+00			
2.3676e-01		-1.5800e-03	6.1868e-01		0.0000e+00	-8.9520e-02	1.7460e-01	-
		8	0.0000e+00	0.0000e+00	0.0000e+00			
1.0304e-02		-2.4400e-04	4.2955e-02		0.0000e+00	4.5476e-02	7.0706e-02	
		9	0.0000e+00	0.0000e+00	0.0000e+00			
1.9894e-01		-4.7000e-03	8.2809e-01		0.0000e+00	-9.1080e-03	-2.3692e-02	-
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00			
9.3901e-02		2.0020e-03	3.7215e-01		0.0000e+00	-3.3462e-02	-5.5932e-02	-
	148	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2121e-02	-2.0261e-02	-
1.2872e-02		9.3650e-03	-2.9119e-02		0.0000e+00	1.4278e-01	6.6543e-01	
		3	0.0000e+00	0.0000e+00	0.0000e+00			
6.2747e-02		6.8333e-02	-2.0838e-02		0.0000e+00	-1.4434e-02	-1.2090e-02	-
		4	0.0000e+00	0.0000e+00	0.0000e+00			
2.2729e-02		2.4753e-02	-7.5480e-03		0.0000e+00	-7.2363e-02	2.9649e-01	-
		6	0.0000e+00	0.0000e+00	0.0000e+00			
1.3037e-01		9.2700e-04	5.8816e-01		0.0000e+00	-1.6602e-01	2.9815e-02	-
		7	0.0000e+00	0.0000e+00	0.0000e+00			
8.4643e-02		-3.7440e-03	6.1652e-01		0.0000e+00	-4.4790e-03	2.4433e-02	-
		8	0.0000e+00	0.0000e+00	0.0000e+00			
1.1674e-02		1.2100e-04	4.3320e-02		0.0000e+00	-8.6703e-02	4.6991e-01	-
		9	0.0000e+00	0.0000e+00	0.0000e+00			
2.2416e-01		2.3060e-03	8.3509e-01		0.0000e+00	4.4398e-02	1.9433e-01	
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00			
8.7421e-02		7.0800e-04	3.7485e-01		0.0000e+00	-6.1337e-03	-4.4811e-03	-
	173	1	0.0000e+00	0.0000e+00	0.0000e+00			
6.9234e-03		6.3280e-03	-2.9119e-02		0.0000e+00	-3.9846e-02	-3.3375e-02	-
		3	0.0000e+00	0.0000e+00	0.0000e+00			
4.0394e-02		3.8505e-02	-2.0838e-02		0.0000e+00	-1.4434e-02	-1.2090e-02	-
		4	0.0000e+00	0.0000e+00	0.0000e+00			
1.4632e-02		1.3948e-02	-7.5480e-03		0.0000e+00	2.9649e-01		-
		6	0.0000e+00	0.0000e+00	0.0000e+00			
2.9403e-02		-3.0780e-03	5.8816e-01		0.0000e+00	-1.6602e-01	2.9815e-02	-
		7	0.0000e+00	0.0000e+00	0.0000e+00			
1.3138e-01		-1.5800e-03	6.1652e-01		0.0000e+00	-4.4790e-03	2.4433e-02	-
		8	0.0000e+00	0.0000e+00	0.0000e+00			
1.2774e-03		-2.4400e-04	4.3320e-02		0.0000e+00	-8.6703e-02	4.6991e-01	-
		9	0.0000e+00	0.0000e+00	0.0000e+00			
2.5001e-02		-4.7000e-03	8.3509e-01		0.0000e+00	4.4398e-02	1.9433e-01	
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00			
1.7037e-02		2.0020e-03	3.7485e-01		0.0000e+00			

Shell n.ro 120

Nodo	cond	S11	S22	S12	M11	M22	M12
T11	T22						

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+-----+-----+									
	148	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2655e-04	-2.1442e-02	-	
1.0226e-02	6.9820e-03	-2.9251e-02							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.5850e-03	-4.4723e-02	-	
5.6131e-02	3.3066e-02	-2.2337e-02							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.3853e-03	-1.6201e-02	-	
2.0333e-02	1.1978e-02	-8.0910e-03							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.1258e-01	6.4866e-01		
1.7433e-03	-4.1730e-03	5.7937e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.2314e-02	4.1637e-01	-	
1.5557e-01	-2.1150e-03	6.1100e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-8.6590e-03	5.0213e-02		
1.5986e-03	-3.3900e-04	4.2641e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.6677e-01	9.6693e-01		
3.0194e-02	-6.5150e-03	8.2201e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.2453e-02	4.1843e-01		
4.9132e-03	2.7360e-03	3.6919e-01							
	173	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.8816e-03	-4.7441e-03	-	
9.5227e-03	1.7190e-03	-2.9251e-02							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.9701e-02	-3.7179e-02	-	
4.6830e-02	1.1704e-02	-2.2337e-02							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0759e-02	-1.3468e-02	-	
1.6964e-02	4.2400e-03	-8.0910e-03							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.2443e-02	2.8514e-01		
9.7923e-02	-5.8750e-03	5.7937e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.7007e-02	3.4074e-02	-	
6.0771e-02	-3.5800e-03	6.1100e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.8823e-03	2.3453e-02		
8.6918e-03	-4.5500e-04	4.2641e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.4520e-02	4.5106e-01		
1.6693e-01	-8.7560e-03	8.2201e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8631e-02	1.8681e-01		
6.5460e-02	3.7890e-03	3.6919e-01							
	149	1	0.0000e+00	0.0000e+00	0.0000e+00	2.2562e-03	-2.1696e-02	-	
3.7764e-03	6.9820e-03	-2.3989e-02							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.1974e-03	-5.2839e-02	-	
3.5841e-02	3.3066e-02	-9.7500e-04							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.6072e-03	-1.9140e-02	-	
1.2983e-02	1.1978e-02	-3.5300e-04							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.1514e-01	5.3202e-01	-	
1.8730e-01	-4.1730e-03	5.8108e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.4450e-02	3.0259e-01	-	
2.4893e-01	-2.1150e-03	6.1246e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-8.8559e-03	4.1599e-02	-	
1.3250e-02	-3.3900e-04	4.2757e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.7056e-01	8.0089e-01	-	
2.5565e-01	-6.5150e-03	8.2425e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	7.4106e-02	3.4410e-01		
1.1821e-01	2.7360e-03	3.7024e-01							
	174	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1221e-03	-5.0911e-03	-	
3.0735e-03	1.7190e-03	-2.3989e-02							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.5479e-02	-4.5801e-02	-	
2.6540e-02	1.1704e-02	-9.7500e-04							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.6070e-03	-1.6591e-02	-	
9.6139e-03	4.2400e-03	-3.5300e-04							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.8718e-02	1.6966e-01	-	
9.1117e-02	-5.8750e-03	5.8108e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.8433e-02	-8.0422e-02	-	
1.5412e-01	-3.5800e-03	6.1246e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.5829e-03	1.4941e-02	-	
6.1568e-03	-4.5500e-04	4.2757e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.8759e-02	2.8698e-01	-	
1.1892e-01	-8.7560e-03	8.2425e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.6204e-02	1.1328e-01		
5.6935e-02	3.7890e-03	3.7024e-01							
+-----+-----+									
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Shell n.ro 121									
	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
-----+-----									
	150	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0456e-03	3.8561e-03		
5.8230e-03	-1.9030e-03	3	1.1269e-02	0.0000e+00	0.0000e+00	-7.9803e-03	1.0488e-02		
3.3546e-02	-1.2674e-02	4	5.2476e-02	0.0000e+00	0.0000e+00	-2.8908e-03	3.7992e-03		
1.2152e-02	-4.5910e-03	6	1.9009e-02	0.0000e+00	0.0000e+00	4.1371e-02	2.5897e-01	-	
2.0511e-02	1.9720e-03	7	2.9567e-01	0.0000e+00	0.0000e+00	-7.8959e-04	1.6050e-01		
8.7627e-02	8.6200e-04	8	3.1173e-01	0.0000e+00	0.0000e+00	3.4487e-03	2.0093e-02	-	
2.5146e-03	1.5600e-04	9	2.1758e-02	0.0000e+00	0.0000e+00	6.6312e-02	3.8691e-01	-	
4.8050e-02	3.0000e-03	Dyn Y	4.1944e-01	0.0000e+00	0.0000e+00	2.7188e-02	1.6713e-01		
1.5227e-02	1.2790e-03	1	1.8840e-01	0.0000e+00	0.0000e+00	-4.5317e-03	-5.7618e-03		
-----+-----									
	175	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.5317e-03	-5.7618e-03		
2.8966e-03	-1.1080e-03	3	1.1269e-02	0.0000e+00	0.0000e+00	-2.7151e-02	-3.3629e-02		
1.8315e-02	-6.7990e-03	4	5.2476e-02	0.0000e+00	0.0000e+00	-9.8351e-03	-1.2182e-02		
6.6345e-03	-2.4630e-03	6	1.9009e-02	0.0000e+00	0.0000e+00	-6.7849e-02	-1.0872e-04		
3.4391e-02	1.7040e-03	7	2.9567e-01	0.0000e+00	0.0000e+00	-1.2143e-01	-1.1265e-01		
8.0917e-02	3.9200e-04	8	3.1173e-01	0.0000e+00	0.0000e+00	-4.5528e-03	1.0292e-03		
2.1312e-03	1.4100e-04	9	2.1758e-02	0.0000e+00	0.0000e+00	-8.7953e-02	1.9401e-02		
4.1254e-02	2.7140e-03	Dyn Y	4.1944e-01	0.0000e+00	0.0000e+00	4.2360e-02	2.7861e-03		
2.1122e-02	1.1210e-03	1	1.8840e-01	0.0000e+00	0.0000e+00	-1.9848e-03	6.1748e-03		
-----+-----									
	151	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9848e-03	6.1748e-03		
6.7572e-03	-1.9030e-03	3	1.0701e-02	0.0000e+00	0.0000e+00	-1.4044e-02	2.2312e-02		
3.9736e-02	-1.2674e-02	4	4.8280e-02	0.0000e+00	0.0000e+00	-5.0871e-03	8.0821e-03		
1.4394e-02	-4.5910e-03	6	1.7489e-02	0.0000e+00	0.0000e+00	4.3014e-02	2.1196e-01		
1.4028e-02	1.9720e-03	7	2.9586e-01	0.0000e+00	0.0000e+00	-3.8810e-05	1.6621e-01		
1.2720e-01	8.6200e-04	8	3.1206e-01	0.0000e+00	0.0000e+00	3.5796e-03	1.6116e-02		
6.8900e-06	1.5600e-04	9	2.1768e-02	0.0000e+00	0.0000e+00	6.8829e-02	3.1045e-01		
5.6710e-04	3.0000e-03	Dyn Y	4.1964e-01	0.0000e+00	0.0000e+00	2.8257e-02	1.3611e-01		
7.1080e-03	1.2790e-03	1	1.8851e-01	0.0000e+00	0.0000e+00	-5.4769e-03	-3.4393e-03		
-----+-----									
	176	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4769e-03	-3.4393e-03		
3.8308e-03	-1.1080e-03	3	1.0701e-02	0.0000e+00	0.0000e+00	-3.3278e-02	-2.1771e-02		
2.4505e-02	-6.7990e-03	4	4.8280e-02	0.0000e+00	0.0000e+00	-1.2055e-02	-7.8862e-03		
8.8766e-03	-2.4630e-03	6	1.7489e-02	0.0000e+00	0.0000e+00	-6.7190e-02	-4.6775e-02		
6.8929e-02	1.7040e-03	7	2.9586e-01	0.0000e+00	0.0000e+00	-1.2139e-01	-1.0669e-01		
1.2049e-01	3.9200e-04	8	3.1206e-01	0.0000e+00	0.0000e+00	-4.4977e-03	-2.9219e-03		
4.6527e-03	1.4100e-04	9	2.1768e-02	0.0000e+00	0.0000e+00	-8.6893e-02	-5.6548e-02		
8.9871e-02	2.7140e-03	Dyn Y	4.1964e-01	0.0000e+00	0.0000e+00	4.1926e-02	2.8763e-02		
4.3089e-02	1.1210e-03	1	1.8851e-01	0.0000e+00	0.0000e+00				

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+-----+ +-----+ +-----+ +-----+									
Shell n.ro 122									
+-----+									
	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
+-----+									
	151	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6495e-03	4.6873e-03		
5.9508e-03		3	1.0973e-02						
3.7930e-02		4	4.9787e-02						
1.3740e-02		6	1.8035e-02						
1.0765e-01		7	2.9184e-01						
1.7844e-01		8	3.1049e-01						
7.3080e-03		9	2.1453e-02						
1.4114e-01		Dyn Y	4.1357e-01						
6.7334e-02		6.6120e-03	1.8591e-01			3.9265e-02	1.2984e-01		
	176	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1823e-02	-3.9539e-03		
4.6460e-03		3	1.0973e-02						
2.6381e-02		4	4.9787e-02						
9.5564e-03		6	1.8035e-02						
2.4456e-02		7	2.9184e-01						
6.9703e-02		8	3.1049e-01						
2.6330e-03		9	2.1453e-02						
5.0404e-02		Dyn Y	4.1357e-01						
1.7310e-02		2.7400e-03	1.8591e-01			3.1551e-02	3.3906e-02		
	152	1	0.0000e+00	0.0000e+00	0.0000e+00	-8.9322e-03	5.1773e-03		
8.5640e-03		3	8.8060e-03						
5.1672e-02		4	3.7463e-02						
1.8718e-02		6	1.3570e-02						
7.0262e-02		7	2.9613e-01						
1.8900e-01		8	3.1343e-01						
4.1907e-03		9	2.1784e-02						
8.1202e-02		Dyn Y	4.1994e-01						
4.2877e-02		6.6120e-03	1.8868e-01			3.6979e-02	2.0315e-01		
	177	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4996e-02	-3.4955e-03		
7.2592e-03		3	8.8060e-03						
4.0123e-02		4	3.7463e-02						
1.4534e-02		6	1.3570e-02						
6.1841e-02		7	2.9613e-01						
8.0268e-02		8	3.1343e-01						
5.7503e-03		9	2.1784e-02						

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1.1034e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-4.4434e-02	9.8525e-02	-	
	6.5100e-03	4.1994e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.7999e-02	3.8998e-02		
4.1790e-02	2.7400e-03	1.8868e-01						
-----+								
-----+								
-----+								
Shell n.ro 123								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+								
	152	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4590e-02	3.5127e-03	
1.0307e-02	-8.6990e-03	8.9990e-03						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.7511e-02	9.8141e-03		
5.6925e-02	-5.5291e-02	3.8805e-02						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.1700e-02	3.5551e-03		
2.0621e-02	-2.0029e-02	1.4057e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.1118e-02	3.2031e-01	-	
9.0383e-02	2.2190e-03	2.9983e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-8.7162e-02	2.3950e-01		
7.9987e-02	1.9110e-03	3.1637e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.4956e-03	2.4370e-02	-	
8.0677e-03	1.7200e-04	2.2059e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	2.8545e-02	4.6946e-01	-	
1.5492e-01	3.3180e-03	4.2524e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.3694e-03	2.0564e-01		
6.0373e-02	1.4390e-03	1.9104e-01						
	177	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.7428e-02	-3.4487e-03	
5.5268e-03	-5.8840e-03	8.9990e-03						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0305e-01	-1.8105e-02		
3.4926e-02	-3.6601e-02	3.8805e-02						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.7330e-02	-6.5583e-03		
1.2652e-02	-1.3258e-02	1.4057e-02						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-9.2561e-02	5.9921e-02		
9.8230e-02	9.8540e-03	2.9983e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.4801e-01	-3.6301e-02		
1.8912e-01	3.4930e-03	3.1637e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	-5.6468e-03	5.2213e-03		
6.4623e-03	7.8700e-04	2.2059e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.0935e-01	1.0031e-01		
1.2490e-01	1.5148e-02	4.2524e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	5.6853e-02	3.9774e-02		
6.1065e-02	6.4080e-03	1.9104e-01						
	153	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9268e-02	6.7359e-03	
1.1098e-02	-8.6990e-03	6.9890e-03						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1693e-01	2.3140e-02		
6.2446e-02	-5.5291e-02	2.5455e-02						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.2355e-02	8.3821e-03		
2.2621e-02	-2.0029e-02	9.2210e-03						
	6	0.0000e+00	0.0000e+00	0.0000e+00	1.5763e-02	1.5906e-01	-	
5.9059e-02	2.2190e-03	2.9438e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	-8.7325e-02	1.4693e-01		
1.4177e-01	1.9110e-03	3.1524e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	1.8842e-03	1.1943e-02	-	
6.0354e-03	1.7200e-04	2.1620e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	3.6016e-02	2.3012e-01	-	
1.1563e-01	3.3180e-03	4.1680e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.1406e-02	1.0187e-01		
4.1039e-02	1.4390e-03	1.8749e-01						
	178	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1880e-02	-2.9820e-04	
6.3173e-03	-5.8840e-03	6.9890e-03						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3116e-01	-5.1931e-03		
4.0447e-02	-3.6601e-02	2.5455e-02						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.7513e-02	-1.8812e-03		
1.4652e-02	-1.3258e-02	9.2210e-03						
	6	0.0000e+00	0.0000e+00	0.0000e+00	-8.9648e-02	-1.0071e-01		
1.2955e-01	9.8540e-03	2.9438e-01						

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2.5090e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-2.4446e-01	-1.3016e-01		
8.4946e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	-5.4347e-03	-7.1438e-03		
1.6419e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.0526e-01	-1.3783e-01		
8.0470e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	5.5000e-02	6.3594e-02		
-----+-----								
+-----+-----								
-----+-----								
Shell n.ro 124								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+-----								
8.7919e-03	153	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3022e-02	5.3132e-03	
5.4605e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3680e-01	1.4881e-02		
1.9780e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.9554e-02	5.3906e-03		
1.5093e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-2.3910e-02	1.5742e-01		
2.9311e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.2079e-01	1.4852e-01		
9.8732e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.2052e-03	1.1767e-02		
1.9085e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.3469e-02	2.2676e-01		
9.3671e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4438e-02	1.0069e-01		
8.6179e-03	178	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3707e-02	8.3400e-06	
4.8282e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4073e-01	-2.8226e-03		
1.7490e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0978e-02	-1.0225e-03		
7.9863e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	-5.7446e-02	-1.0057e-01	-	
1.0014e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.8283e-01	-1.2612e-01		
7.3724e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.4763e-03	-7.1943e-03	-	
1.4149e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-6.7332e-02	-1.3878e-01	-	
5.3827e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.5474e-02	6.3651e-02		
8.5037e-03	154	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.8169e-02	4.4887e-03	
5.4417e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6889e-01	1.4244e-02		
1.9712e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.1178e-02	5.1598e-03		
1.3894e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	-1.9021e-02	3.5737e-01		
2.9434e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.2209e-01	3.1634e-01		
8.8926e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	-7.8729e-04	2.6704e-02		
1.7199e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5436e-02	5.1461e-01		
8.5888e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.1229e-02	2.2839e-01		
8.3296e-03	179	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.8646e-02	-8.8190e-04	
4.8094e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7148e-01	-3.8863e-03		

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1.7422e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.2117e-02	-1.4078e-03	
	6	0.0000e+00	0.0000e+00	0.0000e+00	-4.8465e-02	9.7949e-02	-
9.1854e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.7450e-01	3.8329e-02	
1.0137e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	-2.8076e-03	7.6543e-03	-
8.3531e-03	9	0.0000e+00	0.0000e+00	0.0000e+00	-5.4445e-02	1.4737e-01	-
1.6035e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.9745e-02	6.3171e-02	
6.1619e-02	4.1310e-03	1.9041e-01					
-----+							
-----+							
-----+							
Shell n.ro 125							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+							
	154	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.9947e-02	3.4988e-03
1.0000e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.8113e-01	8.2250e-03
5.9319e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.5614e-02	2.9794e-03
2.1488e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	1.5296e-02	3.6061e-01
1.0293e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.6489e-02	3.3029e-01
8.9552e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	1.0032e-03	2.6832e-02
9.1400e-03		9	0.0000e+00	0.0000e+00	0.0000e+00	1.9391e-02	5.1713e-01
1.7553e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.1020e-03	2.3020e-01
6.8581e-02		1.7680e-03	1.9121e-01				
	179	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.9875e-02	-4.9351e-04
6.8369e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7693e-01	-1.4063e-03
4.3211e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.4091e-02	-5.0941e-04
1.5653e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.6151e-02	1.0004e-01
1.4914e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.4776e-01	5.0849e-02
3.0553e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.7201e-03	7.7020e-03
9.6140e-03		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.1889e-02	1.4833e-01
1.8591e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.5364e-02	6.4271e-02
9.2301e-02		7.2720e-03	1.9121e-01				
	155	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4481e-02	5.3746e-03
9.4018e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.0978e-01	1.6723e-02
5.5186e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.5992e-02	6.0577e-03
1.9991e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	2.0742e-02	1.4499e-01
9.0649e-02		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.7875e-02	1.4631e-01
1.3278e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4672e-03	1.0784e-02
8.5291e-03		9	0.0000e+00	0.0000e+00	0.0000e+00	2.8308e-02	2.0785e-01
1.6363e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.2700e-02	9.2660e-02
6.1389e-02		1.7680e-03	1.8728e-01				

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6.2382e-03	180	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4152e-02	1.2961e-03		
3.9078e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.0405e-01	6.5831e-03		
1.4156e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.3914e-02	2.3847e-03		
1.6141e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.2925e-02	-1.1479e-01		
3.4876e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.4381e-01	-1.3497e-01		
1.0225e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.4831e-03	-8.2655e-03		
1.9781e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	-6.7320e-02	-1.5941e-01		
9.9542e-02		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.3304e-02	7.2731e-02		
		7.2720e-03	1.8728e-01						
-----+									
-----+									
-----+									
Shell n.ro 126									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+									
7.6285e-03	155	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.5698e-02	4.7584e-03		
4.7212e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1576e-01	1.3095e-02		
1.7102e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.8156e-02	4.7436e-03		
1.7010e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	1.1299e-02	1.4567e-01		
3.8736e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1841e-02	1.5656e-01		
1.0602e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	6.7232e-04	1.0761e-02		
2.0519e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	1.3028e-02	2.0742e-01		
1.0456e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.4985e-03	9.2951e-02		
8.0034e-03	180	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4414e-02	1.6165e-03		
4.7018e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.0597e-01	8.6312e-03		
1.7032e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.4610e-02	3.1266e-03		
9.8631e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-3.2660e-02	-1.1331e-01		-
9.4927e-02		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.3130e-02	-1.2187e-01		
8.8546e-03		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.7189e-03	-8.2481e-03		-
1.7002e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	-5.2279e-02	-1.5904e-01		-
6.5913e-02		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.1830e-02	7.1971e-02		
6.4260e-03	156	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.9324e-02	3.7678e-03		
4.0451e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3852e-01	9.0589e-03		
1.4653e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.6403e-02	3.2815e-03		
1.6397e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	1.5823e-02	3.7829e-01		
3.6289e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.4430e-02	4.1025e-01		
1.0271e-02		8	0.0000e+00	0.0000e+00	0.0000e+00	1.0684e-03	2.7599e-02		
		1.2120e-03	2.2023e-02						

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1.9875e-01	2.3349e-02	4.2458e-01	0.0000e+00	0.0000e+00	0.0000e+00	2.0637e-02	5.3214e-01	
1.0088e-01	1.0300e-02	1.9124e-01	0.0000e+00	0.0000e+00	0.0000e+00	9.5041e-03	2.4039e-01	
6.8008e-03	181 1	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.7835e-02	5.5785e-04	
4.0256e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.2746e-01	4.1684e-03	
1.4582e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-8.2394e-02	1.5099e-03	
1.0477e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.3322e-02	1.1761e-01	-
7.0457e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.2945e-02	1.2735e-01	
9.1858e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.0359e-03	8.4889e-03	-
1.7645e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.9112e-02	1.6372e-01	-
6.9572e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.5892e-02	7.4438e-02	
-----+								
-----+								
-----+								
Shell n.ro 127								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+								
7.4251e-03	156 1	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.9077e-02	3.5104e-03	
4.4590e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.3775e-01	7.4613e-03	
1.6152e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-8.6123e-02	2.7028e-03	
1.0968e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.4869e-02	3.8061e-01	-
5.4226e-02	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.1531e-01	4.2879e-01	
9.5246e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.7835e-03	2.7665e-02	-
1.8299e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.4712e-02	5.3346e-01	-
7.2689e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.0471e-02	2.4168e-01	
5.8010e-03	181 1	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.7989e-02	8.3381e-04	
3.6114e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.2776e-01	5.8598e-03	
1.3082e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-8.2504e-02	2.1226e-03	
1.6788e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.0880e-02	1.1958e-01	
3.7800e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.6573e-02	1.4467e-01	
1.0538e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.1941e-03	8.5342e-03	
2.0391e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-4.2019e-02	1.6463e-01	
1.0337e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4983e-02	7.5519e-02	
6.3927e-03	157 1	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-4.1543e-02	4.4678e-03	
3.8052e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.5365e-01	1.1897e-02	
1.3784e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.1884e-02	4.3095e-03	
1.0669e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.9560e-02	1.4288e-01	-

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7.1887e-02		7		0.0000e+00		0.0000e+00		0.0000e+00		1.1320e-01		1.5199e-01				
9.3517e-03		8		0.0000e+00		0.0000e+00		0.0000e+00		2.1877e-03		1.0479e-02	-			
1.7964e-01		9		0.0000e+00		0.0000e+00		0.0000e+00		4.2479e-02		2.0202e-01	-			
7.0824e-02		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		2.3563e-02		9.0978e-02				
4.7687e-03		182		1		0.0000e+00		0.0000e+00		0.0000e+00		-4.0245e-02		1.7186e-03		
2.9575e-02		3		0.0000e+00		0.0000e+00		0.0000e+00		-2.4240e-01		9.8620e-03				
1.0713e-02		4		0.0000e+00		0.0000e+00		0.0000e+00		-8.7806e-02		3.5724e-03				
1.7088e-01		6		0.0000e+00		0.0000e+00		0.0000e+00		-1.8760e-02		-1.1723e-01				
3.9566e-01		7		0.0000e+00		0.0000e+00		0.0000e+00		2.8862e-02		-1.3363e-01				
1.0710e-02		8		0.0000e+00		0.0000e+00		0.0000e+00		-2.0353e-03		-8.5653e-03				
2.0726e-01		9		0.0000e+00		0.0000e+00		0.0000e+00		-3.8959e-02		-1.6514e-01				
1.0525e-01		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		1.3626e-02		7.4571e-02				
-----+																
-----+																
-----+																
Shell n.ro 128																
		Nodo		cond		S11		S22		S12		M11		M22		M12
		T11		T22												
-----+																
5.2323e-03		157		1		0.0000e+00		0.0000e+00		0.0000e+00		-4.1276e-02		4.3788e-03		
3.2354e-02		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-2.5154e-01		1.1389e-02		
1.1720e-02		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-9.1117e-02		4.1257e-03		
1.7558e-01		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		3.7460e-02		1.4375e-01		
4.2955e-01		7		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		1.2589e-01		1.6249e-01		
1.0839e-02		8		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		1.9672e-03		1.0485e-02		
2.0982e-01		9		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		3.8256e-02		2.0217e-01		
1.0787e-01		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		2.2147e-02		9.1443e-02		
5.9208e-03		182		1		0.0000e+00		0.0000e+00		0.0000e+00		-3.9855e-02		1.9389e-03		
3.5234e-02		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-2.4026e-01		1.1221e-02		
1.2763e-02		4		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-8.7032e-02		4.0646e-03		
1.1064e-01		6		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-5.6672e-03		-1.1591e-01	-	
3.8895e-02		7		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		1.3395e-01		-1.2057e-01		
9.4253e-03		8		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-1.6582e-03		-8.5404e-03	-	
1.8115e-01		9		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-3.1440e-02		-1.6463e-01	-	
7.2936e-02		Dyn Y		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		6.5849e-03		7.3844e-02		
4.0477e-03		158		1		0.0000e+00		0.0000e+00		0.0000e+00		-4.2914e-02		3.5032e-03		
2.5319e-02		3		0.0000e+00		0.0000e+00		0.0000e+00		0.0000e+00		-2.6198e-01		7.0924e-03		
						-6.6300e-04										

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	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4900e-02	2.5691e-03	
9.1716e-03	-6.2960e-03	-2.4000e-04					
	6	0.0000e+00	0.0000e+00	0.0000e+00	4.0768e-02	3.9114e-01	
1.6884e-01	1.4371e-02	3.0131e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.2290e-01	5.0044e-01	
3.8692e-01	1.4435e-02	3.3217e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	2.2637e-03	2.7998e-02	
1.0642e-02	1.0630e-03	2.2046e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	4.3950e-02	5.4006e-01	
2.0591e-01	2.0488e-02	4.2505e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.4347e-02	2.4762e-01	
1.0411e-01	9.1630e-03	1.9174e-01					
	183	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1339e-02	1.0110e-03
4.7363e-03	-2.1730e-03	2.5890e-03					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4975e-01	6.5993e-03	
2.8200e-02	-1.4466e-02	-6.6300e-04					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.0470e-02	2.3905e-03	
1.0215e-02	-5.2400e-03	-2.4000e-04					
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.5430e-03	1.2975e-01	-
1.1738e-01	4.0290e-03	3.0131e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	1.4420e-01	2.1274e-01	-
3.7414e-03	-2.8400e-03	3.3217e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.0667e-03	8.8682e-03	-
9.6217e-03	3.5600e-04	2.2046e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.0033e-02	1.7125e-01	-
1.8506e-01	6.8290e-03	4.2505e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.4516e-03	8.1285e-02	
7.6659e-02	2.6840e-03	1.9174e-01					

Shell n.ro 129

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	158	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2230e-02	3.5273e-03	
4.8739e-03	-1.1810e-03	2.6300e-03						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.5810e-01	7.2238e-03	
2.9284e-02	-8.7110e-03	-4.2300e-04						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.3493e-02	2.6167e-03	
1.0608e-02	-3.1560e-03	-1.5300e-04						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.1490e-02	3.9259e-01	-
1.1985e-01	-1.9630e-03	3.0157e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.1050e-01	5.1352e-01	-
1.1039e-02	-7.7470e-03	3.3384e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.5839e-03	2.8033e-02	-
9.7956e-03	-9.9300e-05	2.2057e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.0322e-02	5.4077e-01	-
1.8842e-01	-1.9340e-03	4.2526e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.0594e-02	2.4845e-01	
7.8270e-02	1.1670e-03	1.9189e-01						
	183	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.0973e-02	1.1967e-03	
3.9075e-03	-1.3510e-03	2.6300e-03						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.4735e-01	7.7256e-03	
2.4223e-02	-8.7670e-03	-4.2300e-04						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-8.9599e-02	2.7985e-03	
8.7744e-03	-3.1760e-03	-1.5300e-04						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	5.8046e-03	1.3109e-01	
1.7026e-01	7.7100e-03	3.0157e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.8413e-01	2.2517e-01	
3.9266e-01	4.0050e-03	3.3384e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.0611e-03	8.8983e-03	
1.0742e-02	6.0100e-04	2.2057e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.9826e-02	1.7185e-01	
2.0783e-01	1.1569e-02	4.2526e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8594e-03	8.2046e-02	
1.0506e-01	4.9750e-03	1.9189e-01						

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	159	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3094e-02	4.2226e-03	
3.8030e-03	-1.1810e-03	2.7520e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6400e-01	1.0621e-02	
2.2672e-02	-8.7110e-03	-3.8300e-04						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.5631e-02	3.8472e-03	
8.2126e-03	-3.1560e-03	-1.3900e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	5.4803e-02	1.4371e-01	-
1.2276e-01	-1.9630e-03	2.9466e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.0867e-01	1.6741e-01	-
3.0017e-02	-7.7470e-03	3.2545e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.8700e-03	1.0412e-02	-
9.8171e-03	-9.9300e-05	2.1557e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	5.5819e-02	2.0079e-01	-
1.8892e-01	-1.9340e-03	4.1561e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.2772e-02	9.1229e-02	
7.9677e-02	1.1670e-03	1.8751e-01						
	184	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1694e-02	1.8420e-03	
2.8367e-03	-1.3510e-03	2.7520e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5239e-01	1.0824e-02	
1.7610e-02	-8.7670e-03	-3.8300e-04						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.1425e-02	3.9209e-03	
6.3790e-03	-3.1760e-03	-1.3900e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	6.0892e-03	-1.1672e-01	
1.6735e-01	7.7100e-03	2.9466e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.8362e-01	-1.2137e-01	
3.7369e-01	4.0050e-03	3.2545e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.0333e-03	-8.6313e-03	
1.0720e-02	6.0100e-04	2.1557e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.9291e-02	-1.6637e-01	
2.0734e-01	1.1569e-02	4.1561e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.9048e-03	7.4475e-02	
1.0364e-01	4.9750e-03	1.8751e-01						

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	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	159	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2603e-02	4.2706e-03	
2.9222e-03	-9.4200e-04	2.7710e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6085e-01	1.0922e-02	
1.8159e-02	-5.5650e-03	-2.5800e-04						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4491e-02	3.9564e-03	
6.5780e-03	-2.0160e-03	-9.3600e-05						
		6	0.0000e+00	0.0000e+00	0.0000e+00	5.4535e-02	1.4429e-01	
1.6994e-01	1.1677e-02	2.9444e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.1139e-01	1.7306e-01	
3.9729e-01	1.4337e-02	3.2367e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.8115e-03	1.0420e-02	
1.0775e-02	8.4600e-04	2.1550e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	5.4707e-02	2.0096e-01	
2.0844e-01	1.6306e-02	4.1548e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.2569e-02	9.1556e-02	
1.0509e-01	7.4160e-03	1.8738e-01						
	184	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1233e-02	1.9843e-03	
3.7092e-03	-5.4300e-04	2.7710e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4969e-01	1.1692e-02	
2.2081e-02	-4.1140e-03	-2.5800e-04						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.0446e-02	4.2354e-03	
7.9987e-03	-1.4900e-03	-9.3600e-05						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.3376e-02	-1.1589e-01	-
1.2458e-01	1.2730e-03	2.9444e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.4585e-01	-1.1403e-01	-
5.2616e-02	-3.9300e-03	3.2367e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.5069e-04	-8.6147e-03	-
9.8158e-03	1.3500e-04	2.1550e-02						

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1.8895e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5622e-02	-1.6603e-01	-
1.8895e-01	2.5760e-03	4.1548e-01					
8.0620e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.2552e-03	7.4008e-02	
8.0620e-02	8.8900e-04	1.8738e-01					
1.8079e-03	160	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3111e-02	3.5176e-03
1.8079e-03	-9.4200e-04	2.4860e-03					
1.1436e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6415e-01	7.0456e-03	
1.1436e-02	-5.5650e-03	-1.2940e-03					
4.1425e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.5685e-02	2.5522e-03	
4.1425e-03	-2.0160e-03	-4.6900e-04					
1.6206e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	5.6276e-02	3.9840e-01	
1.6206e-01	1.1677e-02	3.0187e-01					
3.3913e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.0908e-01	5.6137e-01	
3.3913e-01	1.4337e-02	3.3672e-01					
1.0600e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	2.9727e-03	2.8185e-02	
1.0600e-02	8.4600e-04	2.2058e-02					
2.0491e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	5.7801e-02	5.4381e-01	
2.0491e-01	1.6306e-02	4.2528e-01					
1.0078e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.3732e-02	2.5173e-01	
1.0078e-01	7.4160e-03	1.9204e-01					
2.5950e-03	185	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1655e-02	1.2023e-03
2.5950e-03	-5.4300e-04	2.4860e-03					
1.5358e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5245e-01	7.6346e-03	
1.5358e-02	-4.1140e-03	-1.2940e-03					
5.5632e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.1447e-02	2.7656e-03	
5.5632e-03	-1.4900e-03	-4.6900e-04					
1.3246e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	1.9742e-02	1.3659e-01	-
1.3246e-01	1.2730e-03	3.0187e-01					
1.1078e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	2.5468e-01	2.7037e-01	-
1.1078e-01	-3.9300e-03	3.3672e-01					
9.9902e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.9833e-04	9.0472e-03	-
9.9902e-03	1.3500e-04	2.2058e-02					
1.9248e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	-6.8949e-03	1.7483e-01	-
1.9248e-01	2.5760e-03	4.2528e-01					
8.4896e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.8351e-03	8.5179e-02	
8.4896e-02	8.8900e-04	1.9204e-01					

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	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
2.5966e-03	160	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2682e-02	3.5676e-03	
2.5966e-03	-4.5700e-05	2.5000e-03						
1.5470e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.6163e-01	7.3443e-03	
1.5470e-02	-1.3530e-03	-1.2160e-03						
5.6037e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.4771e-02	2.6604e-03	
5.6037e-03	-4.9000e-04	-4.4000e-04						
1.3378e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.1175e-02	3.9909e-01	-
1.3378e-01	-5.1870e-03	3.0198e-01						
1.1142e-01	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.4481e-01	5.6697e-01	-
1.1142e-01	-1.0405e-02	3.3732e-01						
1.0084e-02	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.1014e-03	2.8200e-02	-
1.0084e-02	-3.4200e-04	2.2061e-02						
1.9429e-01	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.0380e-02	5.4413e-01	-
1.9429e-01	-6.6120e-03	4.2536e-01						
8.5762e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.6637e-02	2.5214e-01	
8.5762e-02	3.2360e-03	1.9211e-01						
1.8029e-03	185	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1338e-02	1.3015e-03	
1.8029e-03	-3.3400e-04	2.5000e-03						
1.1308e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.5047e-01	8.2355e-03	
1.1308e-02	-2.1350e-03	-1.2160e-03						
4.0964e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.0732e-02	2.9832e-03	
4.0964e-03	-7.7300e-04	-4.4000e-04						
1.6228e-01	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.1600e-02	1.3725e-01	
1.6228e-01	4.8410e-03	3.0198e-01						

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		7	0.0000e+00	0.0000e+00	0.0000e+00	2.7364e-01	2.7570e-01	
3.3796e-01		4.0660e-03	3.3732e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.7755e-04	9.0617e-03	
1.0619e-02		3.6500e-04	2.2061e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-6.4453e-03	1.7513e-01	
2.0527e-01		7.0250e-03	4.2536e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.0909e-02	8.5562e-02	
1.0096e-01		3.1000e-03	1.9211e-01					
	161	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2835e-02	4.2363e-03	
1.5059e-03		-4.5700e-05	2.7060e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6292e-01	1.0765e-02	
8.8094e-03		-1.3530e-03	-6.5700e-04					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.5240e-02	3.8996e-03	
3.1911e-03		-4.9000e-04	-2.3800e-04					
		6	0.0000e+00	0.0000e+00	0.0000e+00	6.2856e-02	1.4463e-01	-
1.4019e-01		-5.1870e-03	2.9481e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.4426e-01	1.8081e-01	-
1.6226e-01		-1.0405e-02	3.2698e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	3.2436e-03	1.0406e-02	-
1.0201e-02		-3.4200e-04	2.1557e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	6.3114e-02	2.0070e-01	-
1.9670e-01		-6.6120e-03	4.1562e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.7735e-02	9.1668e-02	
8.9140e-02		3.2360e-03	1.8758e-01					
	186	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1423e-02	1.9460e-03	
7.1225e-04		-3.3400e-04	2.7060e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5136e-01	1.1514e-02	
4.6481e-03		-2.1350e-03	-6.5700e-04					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.1053e-02	4.1707e-03	
1.6837e-03		-7.7300e-04	-2.3800e-04					
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.9702e-02	-1.1595e-01	
1.5587e-01		4.8410e-03	2.9481e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.7022e-01	-1.0943e-01	
2.8712e-01		4.0660e-03	3.2698e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.0569e-04	-8.6376e-03	
1.0502e-02		3.6500e-04	2.1557e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.9203e-03	-1.6647e-01	
2.0286e-01		7.0250e-03	4.1562e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.8010e-03	7.4112e-02	
9.7567e-02		3.1000e-03	1.8758e-01					

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	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
		161	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2633e-02	4.2636e-03
7.1083e-04		-3.1700e-04	2.7110e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6166e-01	1.0933e-02	
4.6590e-03		-1.3140e-03	-6.2500e-04					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4783e-02	3.9604e-03	
1.6877e-03		-4.7600e-04	-2.2600e-04					
		6	0.0000e+00	0.0000e+00	0.0000e+00	6.2879e-02	1.4482e-01	
1.5694e-01		8.5120e-03	2.9475e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.4549e-01	1.8254e-01	
2.9497e-01		1.2723e-02	3.2647e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	3.2325e-03	1.0409e-02	
1.0535e-02		5.9800e-04	2.1555e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	6.2904e-02	2.0076e-01	
2.0351e-01		1.1531e-02	4.1558e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.7742e-02	9.1782e-02	
9.8188e-02		5.3740e-03	1.8754e-01					
	186	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1236e-02	1.9964e-03	
1.4988e-03		1.5900e-05	2.7110e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5025e-01	1.1820e-02	
8.7563e-03		-2.5900e-04	-6.2500e-04					

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	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.0652e-02	4.2816e-03	
3.1719e-03	-9.4000e-05	-2.2600e-04					
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.2032e-02	-1.1567e-01	-
1.4048e-01	-1.7700e-03	2.9475e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.8874e-01	-1.0720e-01	-
1.6906e-01	-4.0810e-03	3.2647e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-4.5075e-04	-8.6320e-03	-
1.0178e-02	-1.1300e-04	2.1555e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.8120e-03	-1.6635e-01	-
1.9627e-01	-2.1840e-03	4.1558e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.1168e-02	7.3954e-02	
8.9263e-02	1.0990e-03	1.8754e-01					
	162	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2733e-02	3.5706e-03
3.9312e-04	-3.1700e-04	2.4730e-03					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6218e-01	7.3327e-03	-
2.0445e-03	-1.3140e-03	-1.3780e-03					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4974e-02	2.6562e-03	-
7.4059e-04	-4.7600e-04	-4.9900e-04					
	6	0.0000e+00	0.0000e+00	0.0000e+00	6.2918e-02	4.0095e-01	
1.4899e-01	8.5120e-03	3.0209e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.4454e-01	5.8218e-01	
2.3249e-01	1.2723e-02	3.3847e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	3.2432e-03	2.8245e-02	
1.0375e-02	5.9800e-04	2.2062e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	6.3108e-02	5.4503e-01	
2.0026e-01	1.1531e-02	4.2538e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.7779e-02	2.5320e-01	
9.3901e-02	5.3740e-03	1.9217e-01					
	187	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1326e-02	1.3006e-03
3.9489e-04	1.5900e-05	2.4730e-03					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5071e-01	8.1986e-03	
2.0528e-03	-2.5900e-04	-1.3780e-03					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.0818e-02	2.9699e-03	
7.4360e-04	-9.4000e-05	-4.9900e-04					
	6	0.0000e+00	0.0000e+00	0.0000e+00	2.6214e-02	1.3899e-01	-
1.4843e-01	-1.7700e-03	3.0209e-01					
	7	0.0000e+00	0.0000e+00	0.0000e+00	2.9510e-01	2.8986e-01	-
2.3155e-01	-4.0810e-03	3.3847e-01					
	8	0.0000e+00	0.0000e+00	0.0000e+00	-1.5811e-04	9.1050e-03	-
1.0337e-02	-1.1300e-04	2.2062e-02					
	9	0.0000e+00	0.0000e+00	0.0000e+00	-2.1642e-03	1.7600e-01	-
1.9952e-01	-2.1840e-03	4.2538e-01					
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3657e-02	8.6565e-02	
9.3544e-02	1.0990e-03	1.9217e-01					

| Shell n.ro 133

	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
	162	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2733e-02	3.5706e-03	
3.9312e-04	3.1700e-04	2.4730e-03						
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.6218e-01	7.3327e-03	
2.0445e-03	1.3140e-03	-1.3780e-03						
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-9.4974e-02	2.6562e-03	
7.4059e-04	4.7600e-04	-4.9900e-04						
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.2918e-02	4.0095e-01	-
1.4899e-01	-8.5120e-03	3.0209e-01						
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.4454e-01	5.8218e-01	-
2.3249e-01	-1.2723e-02	3.3847e-01						
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.2432e-03	2.8245e-02	-
1.0375e-02	-5.9800e-04	2.2062e-02						
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.3108e-02	5.4503e-01	-
2.0026e-01	-1.1531e-02	4.2538e-01						
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.7779e-02	2.5320e-01	
9.3890e-02	5.3750e-03	1.9217e-01						

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3.9489e-04	187	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1326e-02	1.3006e-03	-	
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5071e-01	8.1986e-03	-	
2.0528e-03		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.0818e-02	2.9699e-03	-	
7.4360e-04		6	0.0000e+00	0.0000e+00	0.0000e+00	2.6214e-02	1.3899e-01	-	
1.4843e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	2.9510e-01	2.8986e-01	-	
2.3155e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.5811e-04	9.1050e-03	-	
1.0337e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-2.1642e-03	1.7600e-01	-	
1.9952e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.3656e-02	8.6565e-02	-	
9.3553e-02		163	0.0000e+00	0.0000e+00	0.0000e+00	-4.2633e-02	4.2636e-03	-	
7.1083e-04		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6166e-01	1.0933e-02	-	
4.6590e-03		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4783e-02	3.9604e-03	-	
1.6877e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	6.2879e-02	1.4482e-01	-	
1.5694e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	2.4549e-01	1.8254e-01	-	
2.9497e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	3.2325e-03	1.0409e-02	-	
1.0535e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	6.2904e-02	2.0076e-01	-	
2.0351e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.7741e-02	9.1782e-02	-	
9.8178e-02		188	0.0000e+00	0.0000e+00	0.0000e+00	-4.1236e-02	1.9964e-03	-	
1.4988e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5025e-01	1.1820e-02	-	
8.7563e-03		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.0652e-02	4.2816e-03	-	
3.1719e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	2.2032e-02	-1.1567e-01	-	
1.4048e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	2.8874e-01	-1.0720e-01	-	
1.6906e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.5075e-04	-8.6320e-03	-	
1.0178e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.8120e-03	-1.6635e-01	-	
1.9627e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.1167e-02	7.3954e-02	-	
8.9272e-02			1.8754e-01						
-----+									
-----+									
-----+									
Shell n.ro 134									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
-----+									
1.5059e-03	163	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2835e-02	4.2363e-03	-	
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6292e-01	1.0765e-02	-	
8.8094e-03		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.5240e-02	3.8996e-03	-	
3.1911e-03		6	0.0000e+00	0.0000e+00	0.0000e+00	6.2856e-02	1.4463e-01	-	
1.4019e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	2.4426e-01	1.8081e-01	-	
1.6226e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	3.2436e-03	1.0406e-02	-	
1.0201e-02			2.1557e-02						

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		9	0.0000e+00	0.0000e+00	0.0000e+00	6.3114e-02	2.0070e-01	
1.9670e-01		6.6120e-03	4.1562e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.7734e-02	9.1668e-02	
8.9150e-02		3.2350e-03	1.8758e-01					
	188	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1423e-02	1.9460e-03	-
7.1225e-04		3.3400e-04	2.7060e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5136e-01	1.1514e-02	-
4.6481e-03		2.1350e-03	-6.5700e-04					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.1053e-02	4.1707e-03	-
1.6837e-03		7.7300e-04	-2.3800e-04					
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.9702e-02	-1.1595e-01	-
1.5587e-01		-4.8410e-03	2.9481e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.7022e-01	-1.0943e-01	-
2.8712e-01		-4.0660e-03	3.2698e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.0569e-04	-8.6376e-03	-
1.0502e-02		-3.6500e-04	2.1557e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-8.9203e-03	-1.6647e-01	-
2.0286e-01		-7.0250e-03	4.1562e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.7996e-03	7.4112e-02	
9.7557e-02		3.1020e-03	1.8758e-01					
	164	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2682e-02	3.5676e-03	-
2.5966e-03		4.5700e-05	2.5000e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6163e-01	7.3443e-03	-
1.5470e-02		1.3530e-03	-1.2160e-03					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4771e-02	2.6604e-03	-
5.6037e-03		4.9000e-04	-4.4000e-04					
		6	0.0000e+00	0.0000e+00	0.0000e+00	6.1175e-02	3.9909e-01	
1.3378e-01		5.1870e-03	3.0198e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.4481e-01	5.6697e-01	
1.1142e-01		1.0405e-02	3.3732e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	3.1014e-03	2.8200e-02	
1.0084e-02		3.4200e-04	2.2061e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	6.0380e-02	5.4413e-01	
1.9429e-01		6.6120e-03	4.2536e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.6635e-02	2.5214e-01	
8.5772e-02		3.2350e-03	1.9211e-01					
	189	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1338e-02	1.3015e-03	-
1.8029e-03		3.3400e-04	2.5000e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5047e-01	8.2355e-03	-
1.1308e-02		2.1350e-03	-1.2160e-03					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.0732e-02	2.9832e-03	-
4.0964e-03		7.7300e-04	-4.4000e-04					
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.1600e-02	1.3725e-01	-
1.6228e-01		-4.8410e-03	3.0198e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.7364e-01	2.7570e-01	-
3.3796e-01		-4.0660e-03	3.3732e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.7755e-04	9.0617e-03	-
1.0619e-02		-3.6500e-04	2.2061e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-6.4453e-03	1.7513e-01	-
2.0527e-01		-7.0250e-03	4.2536e-01					
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.0907e-02	8.5561e-02	
1.0095e-01		3.1020e-03	1.9211e-01					

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	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
		164	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3111e-02	3.5176e-03	-
1.8079e-03		9.4200e-04	2.4860e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6415e-01	7.0456e-03	-	
1.1436e-02		5.5650e-03	-1.2940e-03						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.5685e-02	2.5522e-03	-	
4.1425e-03		2.0160e-03	-4.6900e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	5.6276e-02	3.9840e-01	-	
1.6206e-01		-1.1677e-02	3.0187e-01						

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		7	0.0000e+00	0.0000e+00	0.0000e+00	2.0908e-01	5.6137e-01	-
3.3913e-01		-1.4337e-02	3.3672e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.9727e-03	2.8185e-02	-
1.0600e-02		-8.4600e-04	2.2058e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	5.7801e-02	5.4381e-01	-
2.0491e-01		-1.6306e-02	4.2528e-01					
	Dyn Y		0.0000e+00	0.0000e+00	0.0000e+00	3.3730e-02	2.5173e-01	
1.0077e-01		7.4160e-03	1.9204e-01					
	189	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1655e-02	1.2023e-03	-
2.5950e-03		5.4300e-04	2.4860e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5245e-01	7.6346e-03	-
1.5358e-02		4.1140e-03	-1.2940e-03					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.1447e-02	2.7656e-03	-
5.5632e-03		1.4900e-03	-4.6900e-04					
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.9742e-02	1.3659e-01	
1.3246e-01		-1.2730e-03	3.0187e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.5468e-01	2.7037e-01	
1.1078e-01		3.9300e-03	3.3672e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.9833e-04	9.0472e-03	
9.9902e-03		-1.3500e-04	2.2058e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-6.8949e-03	1.7483e-01	
1.9248e-01		-2.5760e-03	4.2528e-01					
	Dyn Y		0.0000e+00	0.0000e+00	0.0000e+00	9.8334e-03	8.5178e-02	
8.4905e-02		8.9100e-04	1.9204e-01					
	165	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2603e-02	4.2706e-03	-
2.9222e-03		9.4200e-04	2.7710e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6085e-01	1.0922e-02	-
1.8159e-02		5.5650e-03	-2.5800e-04					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4491e-02	3.9564e-03	-
6.5780e-03		2.0160e-03	-9.3600e-05					
		6	0.0000e+00	0.0000e+00	0.0000e+00	5.4535e-02	1.4429e-01	-
1.6994e-01		-1.1677e-02	2.9444e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.1139e-01	1.7306e-01	-
3.9729e-01		-1.4337e-02	3.2367e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.8115e-03	1.0420e-02	-
1.0775e-02		-8.4600e-04	2.1550e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	5.4707e-02	2.0096e-01	-
2.0844e-01		-1.6306e-02	4.1548e-01					
	Dyn Y		0.0000e+00	0.0000e+00	0.0000e+00	3.2566e-02	9.1557e-02	
1.0508e-01		7.4160e-03	1.8738e-01					
	190	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1233e-02	1.9843e-03	-
3.7092e-03		5.4300e-04	2.7710e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4969e-01	1.1692e-02	-
2.2081e-02		4.1140e-03	-2.5800e-04					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.0446e-02	4.2354e-03	-
7.9987e-03		1.4900e-03	-9.3600e-05					
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.3376e-02	-1.1589e-01	
1.2458e-01		-1.2730e-03	2.9444e-01					
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.4585e-01	-1.1403e-01	
5.2616e-02		3.9300e-03	3.2367e-01					
		8	0.0000e+00	0.0000e+00	0.0000e+00	-8.5069e-04	-8.6147e-03	
9.8158e-03		-1.3500e-04	2.1550e-02					
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5622e-02	-1.6603e-01	
1.8895e-01		-2.5760e-03	4.1548e-01					
	Dyn Y		0.0000e+00	0.0000e+00	0.0000e+00	6.2533e-03	7.4008e-02	
8.0628e-02		8.9100e-04	1.8738e-01					
+-----+								
+-----+								
+-----+								
Shell n.ro 136								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
+-----+								
	165	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3094e-02	4.2226e-03	-
3.8030e-03		1.1810e-03	2.7520e-03					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6400e-01	1.0621e-02	-
2.2672e-02		8.7110e-03	-3.8300e-04					

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		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.5631e-02	3.8472e-03	-
8.2126e-03	3.1560e-03	-1.3900e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	5.4803e-02	1.4371e-01	
1.2276e-01	1.9630e-03	2.9466e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.0867e-01	1.6741e-01	
3.0017e-02	7.7470e-03	3.2545e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.8700e-03	1.0412e-02	
9.8171e-03	9.9300e-05	2.1557e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	5.5819e-02	2.0079e-01	
1.8892e-01	1.9340e-03	4.1561e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.2769e-02	9.1230e-02	
7.9686e-02	1.1660e-03	1.8751e-01						
	190	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1694e-02	1.8420e-03	-
2.8367e-03	1.3510e-03	2.7520e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5239e-01	1.0824e-02	-
1.7610e-02	8.7670e-03	-3.8300e-04						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.1425e-02	3.9209e-03	-
6.3790e-03	3.1760e-03	-1.3900e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	6.0892e-03	-1.1672e-01	-
1.6735e-01	-7.7100e-03	2.9466e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.8362e-01	-1.2137e-01	-
3.7369e-01	-4.0050e-03	3.2545e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.0333e-03	-8.6313e-03	-
1.0720e-02	-6.0100e-04	2.1557e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.9291e-02	-1.6637e-01	-
2.0734e-01	-1.1569e-02	4.1561e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.9043e-03	7.4475e-02	
1.0363e-01	4.9760e-03	1.8751e-01						
	166	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2230e-02	3.5273e-03	-
4.8739e-03	1.1810e-03	2.6300e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5810e-01	7.2238e-03	-
2.9284e-02	8.7110e-03	-4.2300e-04						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.3493e-02	2.6167e-03	-
1.0608e-02	3.1560e-03	-1.5300e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	5.1490e-02	3.9259e-01	
1.1985e-01	1.9630e-03	3.0157e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	2.1050e-01	5.1352e-01	
1.1039e-02	7.7470e-03	3.3384e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.5839e-03	2.8033e-02	
9.7956e-03	9.9300e-05	2.2057e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	5.0322e-02	5.4077e-01	
1.8842e-01	1.9340e-03	4.2526e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.0591e-02	2.4845e-01	
7.8278e-02	1.1660e-03	1.9189e-01						
	191	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.0973e-02	1.1967e-03	-
3.9075e-03	1.3510e-03	2.6300e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4735e-01	7.7256e-03	-
2.4223e-02	8.7670e-03	-4.2300e-04						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.9599e-02	2.7985e-03	-
8.7744e-03	3.1760e-03	-1.5300e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	5.8046e-03	1.3109e-01	-
1.7026e-01	-7.7100e-03	3.0157e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.8413e-01	2.2517e-01	-
3.9266e-01	-4.0050e-03	3.3384e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.0611e-03	8.8983e-03	-
1.0742e-02	-6.0100e-04	2.2057e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.9826e-02	1.7185e-01	-
2.0783e-01	-1.1569e-02	4.2526e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.8591e-03	8.2046e-02	
1.0505e-01	4.9760e-03	1.9189e-01						

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Nodo	cond	S11	S22	S12	M11	M22	M12
T11	T22						

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	166	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2914e-02	3.5032e-03	-
4.0477e-03	2.8130e-03	2.5890e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6198e-01	7.0924e-03	-
2.5319e-02	1.7382e-02	-6.6300e-04						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4900e-02	2.5691e-03	-
9.1716e-03	6.2960e-03	-2.4000e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	4.0768e-02	3.9114e-01	-
1.6884e-01	-1.4371e-02	3.0131e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.2290e-01	5.0044e-01	-
3.8692e-01	-1.4435e-02	3.3217e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	2.2637e-03	2.7998e-02	-
1.0642e-02	-1.0630e-03	2.2046e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	4.3950e-02	5.4006e-01	-
2.0591e-01	-2.0488e-02	4.2505e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.4346e-02	2.4762e-01	-
1.0411e-01	9.1640e-03	1.9174e-01						
	191	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1339e-02	1.0110e-03	-
4.7363e-03	2.1730e-03	2.5890e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4975e-01	6.5993e-03	-
2.8200e-02	1.4466e-02	-6.6300e-04						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.0470e-02	2.3905e-03	-
1.0215e-02	5.2400e-03	-2.4000e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	2.5430e-03	1.2975e-01	-
1.1738e-01	-4.0290e-03	3.0131e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.4420e-01	2.1274e-01	-
3.7414e-03	2.8400e-03	3.3217e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.0667e-03	8.8682e-03	-
9.6217e-03	-3.5600e-04	2.2046e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-2.0033e-02	1.7125e-01	-
1.8506e-01	-6.8290e-03	4.2505e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.4517e-03	8.1286e-02	-
7.6667e-02	2.6860e-03	1.9174e-01						
	167	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1276e-02	4.3788e-03	-
5.2323e-03	2.8130e-03	3.0460e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5154e-01	1.1389e-02	-
3.2354e-02	1.7382e-02	1.4190e-03						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-9.1117e-02	4.1257e-03	-
1.1720e-02	6.2960e-03	5.1400e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	3.7460e-02	1.4375e-01	-
1.7558e-01	-1.4371e-02	2.9392e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.2589e-01	1.6249e-01	-
4.2955e-01	-1.4435e-02	3.1983e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.9672e-03	1.0485e-02	-
1.0839e-02	-1.0630e-03	2.1541e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	3.8256e-02	2.0217e-01	-
2.0982e-01	-2.0488e-02	4.1530e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.2146e-02	9.1444e-02	-
1.0787e-01	9.1640e-03	1.8711e-01						
	192	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.9855e-02	1.9389e-03	-
5.9208e-03	2.1730e-03	3.0460e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4026e-01	1.1221e-02	-
3.5234e-02	1.4466e-02	1.4190e-03						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.7032e-02	4.0646e-03	-
1.2763e-02	5.2400e-03	5.1400e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.6672e-03	-1.1591e-01	-
1.1064e-01	-4.0290e-03	2.9392e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	1.3395e-01	-1.2057e-01	-
3.8895e-02	2.8400e-03	3.1983e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.6582e-03	-8.5404e-03	-
9.4253e-03	-3.5600e-04	2.1541e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-3.1440e-02	-1.6463e-01	-
1.8115e-01	-6.8290e-03	4.1530e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.5858e-03	7.3844e-02	-
7.2944e-02	2.6860e-03	1.8711e-01						

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	Nodo T11	cond T22	S11	S22	S12	M11	M22	M12
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	167	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1543e-02	4.4678e-03	-
6.3927e-03		3	2.9930e-03	0.0000e+00	0.0000e+00	-2.5365e-01	1.1897e-02	-
3.8052e-02		4	1.0740e-03	0.0000e+00	0.0000e+00	-9.1884e-02	4.3095e-03	-
1.3784e-02		6	3.8900e-04	0.0000e+00	0.0000e+00	3.9560e-02	1.4288e-01	-
1.0669e-01		7	2.9438e-01	0.0000e+00	0.0000e+00	1.1320e-01	1.5199e-01	-
7.1887e-02		8	3.2261e-01	0.0000e+00	0.0000e+00	2.1877e-03	1.0479e-02	-
9.3517e-03		9	2.1559e-02	0.0000e+00	0.0000e+00	4.2479e-02	2.0202e-01	-
1.7964e-01		Dyn Y	4.1565e-01	0.0000e+00	0.0000e+00	2.3564e-02	9.0979e-02	-
7.0833e-02		6.3200e-04	1.8737e-01	0.0000e+00	0.0000e+00	-4.0245e-02	1.7186e-03	-
4.7687e-03	192	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4240e-01	9.8620e-03	-
		3	2.9930e-03	0.0000e+00	0.0000e+00	-8.7806e-02	3.5724e-03	-
2.9575e-02		4	1.0740e-03	0.0000e+00	0.0000e+00	-1.8760e-02	-1.1723e-01	-
1.0713e-02		6	3.8900e-04	0.0000e+00	0.0000e+00	2.8862e-02	-1.3363e-01	-
1.7088e-01		7	2.9438e-01	0.0000e+00	0.0000e+00	-2.0353e-03	-8.5653e-03	-
3.9566e-01		8	3.2261e-01	0.0000e+00	0.0000e+00	-3.8959e-02	-1.6514e-01	-
1.0710e-02		9	2.1559e-02	0.0000e+00	0.0000e+00	1.3623e-02	7.4570e-02	-
2.0726e-01		Dyn Y	4.1565e-01	0.0000e+00	0.0000e+00	-3.9077e-02	3.5104e-03	-
1.0524e-01		6.5070e-03	1.8737e-01	0.0000e+00	0.0000e+00	-2.3775e-01	7.4613e-03	-
7.4251e-03	168	1	0.0000e+00	0.0000e+00	0.0000e+00	-8.6123e-02	2.7028e-03	-
		3	3.2060e-03	0.0000e+00	0.0000e+00	3.4869e-02	3.8061e-01	-
4.4590e-02		4	3.0800e-03	0.0000e+00	0.0000e+00	1.1531e-01	4.2879e-01	-
1.6152e-02		6	1.1160e-03	0.0000e+00	0.0000e+00	1.7835e-03	2.7665e-02	-
1.0968e-01		7	3.0095e-01	0.0000e+00	0.0000e+00	3.4712e-02	5.3346e-01	-
5.4226e-02		8	3.2826e-01	0.0000e+00	0.0000e+00	2.0471e-02	2.4169e-01	-
9.5246e-03		9	2.2051e-02	0.0000e+00	0.0000e+00	-3.7989e-02	8.3381e-04	-
1.8299e-01		Dyn Y	4.2512e-01	0.0000e+00	0.0000e+00	-2.2776e-01	5.8598e-03	-
7.2697e-02		6.3200e-04	1.9157e-01	0.0000e+00	0.0000e+00	-8.2504e-02	2.1226e-03	-
5.8010e-03	193	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0880e-02	1.1958e-01	-
		3	3.2060e-03	0.0000e+00	0.0000e+00	2.6573e-02	1.4467e-01	-
3.6114e-02		4	3.0800e-03	0.0000e+00	0.0000e+00	-2.1941e-03	8.5342e-03	-
1.3082e-02		6	1.1160e-03	0.0000e+00	0.0000e+00	-4.2019e-02	1.6463e-01	-
1.6788e-01		7	3.0095e-01	0.0000e+00	0.0000e+00	1.4981e-02	7.5521e-02	-
3.7800e-01		8	3.2826e-01	0.0000e+00	0.0000e+00			-
1.0538e-02		9	2.2051e-02	0.0000e+00	0.0000e+00			-
2.0391e-01		Dyn Y	4.2512e-01	0.0000e+00	0.0000e+00			-
1.0337e-01		6.5070e-03	1.9157e-01	0.0000e+00	0.0000e+00			-
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	Nodo	cond	S11	S22	S12	M11	M22	M12	
	T11	T22							
+-----+ -----+									
	168	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.9324e-02	3.7678e-03	-	
6.4260e-03		6.3770e-03	3.0930e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3852e-01	9.0589e-03	-	
4.0451e-02		3.9412e-02	2.4380e-03						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.6403e-02	3.2815e-03	-	
1.4653e-02		1.4277e-02	8.8300e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.5823e-02	3.7829e-01	-	
1.6397e-01		-1.6090e-02	3.0041e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.4430e-02	4.1025e-01	-	
3.6289e-01		-1.2909e-02	3.2551e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.0684e-03	2.7599e-02	-	
1.0271e-02		-1.2120e-03	2.2023e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.0637e-02	5.3214e-01	-	
1.9875e-01		-2.3349e-02	4.2458e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	9.5078e-03	2.4039e-01	-	
1.0088e-01		1.0301e-02	1.9124e-01						
	193	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.7835e-02	5.5785e-04	-	
6.8008e-03		4.8790e-03	3.0930e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.2746e-01	4.1684e-03	-	
4.0256e-02		3.1277e-02	2.4380e-03						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-8.2394e-02	1.5099e-03	-	
1.4582e-02		1.1330e-02	8.8300e-04						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-2.3322e-02	1.1761e-01	-	
1.0477e-01		-6.0520e-03	3.0041e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.2945e-02	1.2735e-01	-	
7.0457e-02		7.7600e-04	3.2551e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.0359e-03	8.4889e-03	-	
9.1858e-03		-5.1200e-04	2.2023e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-3.9112e-02	1.6372e-01	-	
1.7645e-01		-9.8400e-03	4.2458e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.5888e-02	7.4440e-02	-	
6.9581e-02		3.9960e-03	1.9124e-01						
	169	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.5698e-02	4.7584e-03	-	
7.6285e-03		6.3770e-03	4.1630e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1576e-01	1.3095e-02	-	
4.7212e-02		3.9412e-02	8.2480e-03						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.8156e-02	4.7436e-03	-	
1.7102e-02		1.4277e-02	2.9880e-03						
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.1299e-02	1.4567e-01	-	
1.7010e-01		-1.6090e-02	2.9324e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.1841e-02	1.5656e-01	-	
3.8736e-01		-1.2909e-02	3.1573e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	6.7232e-04	1.0761e-02	-	
1.0602e-02		-1.2120e-03	2.1523e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	1.3028e-02	2.0742e-01	-	
2.0519e-01		-2.3349e-02	4.1493e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	6.5014e-03	9.2951e-02	-	
1.0455e-01		1.0301e-02	1.8674e-01						
	194	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4414e-02	1.6165e-03	-	
8.0034e-03		4.8790e-03	4.1630e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.0597e-01	8.6312e-03	-	
4.7018e-02		3.1277e-02	8.2480e-03						
		4	0.0000e+00	0.0000e+00	0.0000e+00	-7.4610e-02	3.1266e-03	-	
1.7032e-02		1.1330e-02	2.9880e-03						
		6	0.0000e+00	0.0000e+00	0.0000e+00	-3.2660e-02	-1.1331e-01	-	
9.8631e-02		-6.0520e-03	2.9324e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	-3.3130e-02	-1.2187e-01	-	
9.4927e-02		7.7600e-04	3.1573e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.7189e-03	-8.2481e-03	-	
8.8546e-03		-5.1200e-04	2.1523e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	-5.2279e-02	-1.5904e-01	-	
1.7002e-01		-9.8400e-03	4.1493e-01						

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		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.1828e-02	7.1971e-02		
6.5922e-02		3.9960e-03	1.8674e-01						
+-----+ -----+ -----+									
Shell n.ro 140									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
+-----+ -----+									
		169	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4481e-02	5.3746e-03	-
9.4018e-03		7.8540e-03	4.0270e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.0978e-01	1.6723e-02	-
5.5186e-02		5.0046e-02	7.3600e-03						
		4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.5992e-02	6.0577e-03	-
1.9991e-02		1.8129e-02	2.6660e-03						
		6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.0742e-02	1.4499e-01	
9.0649e-02		-2.6480e-03	2.9415e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.7875e-02	1.4631e-01	-
1.3278e-01		-1.1500e-04	3.1889e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.4672e-03	1.0784e-02	
8.5291e-03		-2.2900e-04	2.1571e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8308e-02	2.0785e-01	
1.6363e-01		-4.3970e-03	4.1587e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.2703e-02	9.2660e-02	
6.1398e-02		1.7690e-03	1.8728e-01						
		194	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4152e-02	1.2961e-03	-
6.2382e-03		6.2210e-03	4.0270e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.0405e-01	6.5831e-03	-
3.9078e-02		3.9033e-02	7.3600e-03						
		4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.3914e-02	2.3847e-03	-
1.4156e-02		1.4139e-02	2.6660e-03						
		6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.2925e-02	-1.1479e-01	-
1.6141e-01		-1.1206e-02	2.9415e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.4381e-01	-1.3497e-01	-
3.4876e-01		-3.9890e-03	3.1889e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.4831e-03	-8.2655e-03	-
1.0225e-02		-8.9100e-04	2.1571e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.7320e-02	-1.5941e-01	-
1.9781e-01		-1.7144e-02	4.1587e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.3300e-02	7.2731e-02	
9.9537e-02		7.2740e-03	1.8728e-01						
		170	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.9947e-02	3.4988e-03	-
1.0000e-02		7.8540e-03	5.1930e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.8113e-01	8.2250e-03	-
5.9319e-02		5.0046e-02	1.5226e-02						
		4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.5614e-02	2.9794e-03	-
2.1488e-02		1.8129e-02	5.5150e-03						
		6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.5296e-02	3.6061e-01	
1.0293e-01		-2.6480e-03	3.0027e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.6489e-02	3.3029e-01	-
8.9552e-02		-1.1500e-04	3.2166e-01						
		8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.0032e-03	2.6832e-02	
9.1400e-03		-2.2900e-04	2.2044e-02						
		9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	1.9391e-02	5.1713e-01	
1.7553e-01		-4.3970e-03	4.2498e-01						
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	9.1047e-03	2.3021e-01	
6.8589e-02		1.7690e-03	1.9121e-01						
		195	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.9875e-02	-4.9351e-04	-
6.8369e-03		6.2210e-03	5.1930e-03						
		3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.7693e-01	-1.4063e-03	-
4.3211e-02		3.9033e-02	1.5226e-02						
		4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.4091e-02	-5.0941e-04	-
1.5653e-02		1.4139e-02	5.5150e-03						
		6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.6151e-02	1.0004e-01	-
1.4914e-01		-1.1206e-02	3.0027e-01						
		7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.4776e-01	5.0849e-02	-
3.0553e-01		-3.9890e-03	3.2166e-01						

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9.6140e-03	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.7201e-03	7.7020e-03	-
	9	0.0000e+00	0.0000e+00	0.0000e+00	-7.1889e-02	1.4833e-01	-
1.8591e-01		-1.7144e-02	4.2498e-01				
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.5359e-02	6.4274e-02	
9.2297e-02		7.2740e-03	1.9121e-01				
+-----+ -----+							
+-----+ -----+							
Shell n.ro 141							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
+-----+ -----+							
8.5037e-03	170	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.8169e-02	4.4887e-03
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6889e-01	1.4244e-02
5.4417e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.1178e-02	5.1598e-03
1.9712e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-1.9021e-02	3.5737e-01
1.3894e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.2209e-01	3.1634e-01
2.9434e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-7.8729e-04	2.6704e-02
8.8926e-03		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.5436e-02	5.1461e-01
1.7199e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.1226e-02	2.2839e-01
8.5884e-02		195	0.0000e+00	0.0000e+00	0.0000e+00	-2.8646e-02	-8.8190e-04
8.3296e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7148e-01	-3.8863e-03
4.8094e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-6.2117e-02	-1.4078e-03
1.7422e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-4.8465e-02	9.7949e-02
9.1854e-02		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.7450e-01	3.8329e-02
1.0137e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.8076e-03	7.6543e-03
8.3531e-03		9	0.0000e+00	0.0000e+00	0.0000e+00	-5.4445e-02	1.4737e-01
1.6035e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.9740e-02	6.3175e-02
6.1627e-02		171	0.0000e+00	0.0000e+00	0.0000e+00	-2.3022e-02	5.3132e-03
8.7919e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3680e-01	1.4881e-02
5.4605e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.9554e-02	5.3906e-03
1.9780e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-2.3910e-02	1.5742e-01
1.5093e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.2079e-01	1.4852e-01
2.9311e-01		8	0.0000e+00	0.0000e+00	0.0000e+00	-1.2052e-03	1.1767e-02
9.8732e-03		9	0.0000e+00	0.0000e+00	0.0000e+00	-2.3469e-02	2.2676e-01
1.9085e-01		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.4435e-02	1.0069e-01
9.3668e-02		196	0.0000e+00	0.0000e+00	0.0000e+00	-2.3707e-02	8.3400e-06
8.6179e-03		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4073e-01	-2.8226e-03
4.8282e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0978e-02	-1.0225e-03
1.7490e-02		9	0.0000e+00	0.0000e+00	0.0000e+00		

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7.9863e-02	6	0.0000e+00	0.0000e+00	0.0000e+00	-5.7446e-02	-1.0057e-01	
	7	0.0000e+00	0.0000e+00	0.0000e+00	-1.8283e-01	-1.2612e-01	-
1.0014e-01	8	0.0000e+00	0.0000e+00	0.0000e+00	-3.4763e-03	-7.1943e-03	
7.3724e-03	9	0.0000e+00	0.0000e+00	0.0000e+00	-6.7332e-02	-1.3878e-01	
1.4149e-01	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.5470e-02	6.3650e-02	
5.3834e-02	4.1320e-03	1.8607e-01					
-----+-----							
+-----+-----							
-----+-----							
Shell n.ro 142							
	Nodo	cond	S11	S22	S12	M11	M22
	T11	T22					M12
-----+-----							
1.1098e-02	171	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9268e-02	6.7359e-03
		8.6990e-03	6.9890e-03				
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1693e-01	2.3140e-02
6.2446e-02		5.5291e-02	2.5455e-02				
		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.2355e-02	8.3821e-03
2.2621e-02		2.0029e-02	9.2210e-03				
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.5763e-02	1.5906e-01
5.9059e-02		-2.2190e-03	2.9438e-01				
		7	0.0000e+00	0.0000e+00	0.0000e+00	-8.7325e-02	1.4693e-01
1.4177e-01		-1.9110e-03	3.1524e-01				
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.8842e-03	1.1943e-02
6.0354e-03		-1.7200e-04	2.1620e-02				
		9	0.0000e+00	0.0000e+00	0.0000e+00	3.6016e-02	2.3012e-01
1.1563e-01		-3.3180e-03	4.1680e-01				
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	1.1407e-02	1.0187e-01
4.1047e-02		1.4390e-03	1.8749e-01				
	196	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1880e-02	-2.9820e-04
6.3173e-03		5.8840e-03	6.9890e-03				
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3116e-01	-5.1931e-03
4.0447e-02		3.6601e-02	2.5455e-02				
		4	0.0000e+00	0.0000e+00	0.0000e+00	-4.7513e-02	-1.8812e-03
1.4652e-02		1.3258e-02	9.2210e-03				
		6	0.0000e+00	0.0000e+00	0.0000e+00	-8.9648e-02	-1.0071e-01
1.2955e-01		-9.8540e-03	2.9438e-01				
		7	0.0000e+00	0.0000e+00	0.0000e+00	-2.4446e-01	-1.3016e-01
2.5090e-01		-3.4930e-03	3.1524e-01				
		8	0.0000e+00	0.0000e+00	0.0000e+00	-5.4347e-03	-7.1438e-03
8.4946e-03		-7.8700e-04	2.1620e-02				
		9	0.0000e+00	0.0000e+00	0.0000e+00	-1.0526e-01	-1.3783e-01
1.6419e-01		-1.5148e-02	4.1680e-01				
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	5.4996e-02	6.3594e-02
8.0467e-02		6.4090e-03	1.8749e-01				
	172	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4590e-02	3.5127e-03
1.0307e-02		8.6990e-03	8.9990e-03				
		3	0.0000e+00	0.0000e+00	0.0000e+00	-8.7511e-02	9.8141e-03
5.6925e-02		5.5291e-02	3.8805e-02				
		4	0.0000e+00	0.0000e+00	0.0000e+00	-3.1700e-02	3.5551e-03
2.0621e-02		2.0029e-02	1.4057e-02				
		6	0.0000e+00	0.0000e+00	0.0000e+00	1.1118e-02	3.2031e-01
9.0383e-02		-2.2190e-03	2.9983e-01				
		7	0.0000e+00	0.0000e+00	0.0000e+00	-8.7162e-02	2.3950e-01
7.9987e-02		-1.9110e-03	3.1637e-01				
		8	0.0000e+00	0.0000e+00	0.0000e+00	1.4956e-03	2.4370e-02
8.0677e-03		-1.7200e-04	2.2059e-02				
		9	0.0000e+00	0.0000e+00	0.0000e+00	2.8545e-02	4.6946e-01
1.5492e-01		-3.3180e-03	4.2524e-01				
		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	8.3706e-03	2.0564e-01
6.0379e-02		1.4390e-03	1.9104e-01				
	197	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.7428e-02	-3.4487e-03
5.5268e-03		5.8840e-03	8.9990e-03				

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3.4926e-02	3.6601e-02	3.8805e-02	0.0000e+00	0.0000e+00	0.0000e+00	-1.0305e-01	-1.8105e-02	-
1.2652e-02	1.3258e-02	1.4057e-02	0.0000e+00	0.0000e+00	0.0000e+00	-3.7330e-02	-6.5583e-03	-
9.8230e-02	-9.8540e-03	2.9983e-01	0.0000e+00	0.0000e+00	0.0000e+00	-9.2561e-02	5.9921e-02	-
1.8912e-01	-3.4930e-03	3.1637e-01	0.0000e+00	0.0000e+00	0.0000e+00	-2.4801e-01	-3.6301e-02	-
6.4623e-03	-7.8700e-04	2.2059e-02	0.0000e+00	0.0000e+00	0.0000e+00	-5.6468e-03	5.2213e-03	-
1.2490e-01	-1.5148e-02	4.2524e-01	0.0000e+00	0.0000e+00	0.0000e+00	-1.0935e-01	1.0031e-01	-
6.1064e-02	Dyn Y 6.4090e-03	1.9104e-01	0.0000e+00	0.0000e+00	0.0000e+00	5.6850e-02	3.9778e-02	-
-----+-----								
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Shell n.ro 143								
-----+-----								
	Nodo	cond	S11	S22	S12	M11	M22	M12
	T11	T22						
-----+-----								
8.5640e-03	172	1	0.0000e+00	0.0000e+00	0.0000e+00	-8.9322e-03	5.1773e-03	-
5.1672e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-5.8656e-02	1.9291e-02	-
1.8718e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1247e-02	6.9881e-03	-
7.0262e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-5.9967e-02	3.1637e-01	-
1.8900e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.2737e-01	2.3952e-01	-
4.1907e-03		8	0.0000e+00	0.0000e+00	0.0000e+00	-3.8053e-03	2.4076e-02	-
8.1202e-02		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.3615e-02	4.6379e-01	-
4.2874e-02		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.6979e-02	2.0316e-01	-
7.2592e-03	197	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4996e-02	-3.4955e-03	-
4.0123e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-8.9011e-02	-1.9003e-02	-
1.4534e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-3.2243e-02	-6.8835e-03	-
6.1841e-02		6	0.0000e+00	0.0000e+00	0.0000e+00	-4.7481e-02	5.8656e-02	-
8.0268e-02		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.9757e-01	-3.4277e-02	-
5.7503e-03		8	0.0000e+00	0.0000e+00	0.0000e+00	-2.2783e-03	5.1287e-03	-
1.1034e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	-4.4434e-02	9.8525e-02	-
4.1795e-02		Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	2.7995e-02	3.9002e-02	-
5.9508e-03	173	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6495e-03	4.6873e-03	-
3.7930e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.8341e-02	1.3268e-02	-
1.3740e-02		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3889e-02	4.8063e-03	-
1.0765e-01		6	0.0000e+00	0.0000e+00	0.0000e+00	-6.3443e-02	2.0185e-01	-
1.7844e-01		7	0.0000e+00	0.0000e+00	0.0000e+00	-1.2751e-01	1.4515e-01	-
7.3080e-03		8	0.0000e+00	0.0000e+00	0.0000e+00	-4.0958e-03	1.5459e-02	-
1.4114e-01		9	0.0000e+00	0.0000e+00	0.0000e+00	-7.9199e-02	2.9776e-01	-

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6.7334e-02	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	3.9266e-02	1.2985e-01			
	6.6120e-03	1.8591e-01							
	198	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1823e-02	-3.9539e-03	-	
4.6460e-03	3.6400e-03	1.0973e-02							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.9411e-02	-2.4814e-02	-	
2.6381e-02	2.3252e-02	4.9787e-02							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.5144e-02	-8.9885e-03	-	
9.5564e-03	8.4230e-03	1.8035e-02							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.3026e-02	-5.5129e-02		
2.4456e-02	-4.2020e-03	2.9184e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.0183e-01	-1.2721e-01	-	
6.9703e-02	-1.4470e-03	3.1049e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.7015e-03	-3.4412e-03		
2.6330e-03	-3.3800e-04	2.1453e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.2586e-02	-6.6599e-02		
5.0404e-02	-6.5100e-03	4.1357e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.1548e-02	3.3905e-02		
1.7313e-02	2.7410e-03	1.8591e-01							
+-----+ -----+ -----+ -----+									
Shell n.ro 144									
+-----+ -----+ -----+ -----+									
		Nodo	cond	S11	S22	S12	M11	M22	M12
		T11	T22						
+-----+ -----+ -----+ -----+									
	173	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9848e-03	6.1748e-03	-	
6.7572e-03	1.9030e-03	1.0701e-02							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.4044e-02	2.2312e-02	-	
3.9736e-02	1.2674e-02	4.8280e-02							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-5.0871e-03	8.0821e-03	-	
1.4394e-02	4.5910e-03	1.7489e-02							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.3014e-02	2.1196e-01	-	
1.4028e-02	-1.9720e-03	2.9586e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.8810e-05	1.6621e-01	-	
1.2720e-01	-8.6200e-04	3.1206e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	3.5796e-03	1.6116e-02	-	
6.8900e-06	-1.5600e-04	2.1768e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	6.8829e-02	3.1045e-01	-	
5.6710e-04	-3.0000e-03	4.1964e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	2.8257e-02	1.3611e-01		
7.1058e-03	1.2790e-03	1.8851e-01							
	198	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4769e-03	-3.4393e-03	-	
3.8308e-03	1.1080e-03	1.0701e-02							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-3.3278e-02	-2.1771e-02	-	
2.4505e-02	6.7990e-03	4.8280e-02							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.2055e-02	-7.8862e-03	-	
8.8766e-03	2.4630e-03	1.7489e-02							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-6.7190e-02	-4.6775e-02	-	
6.8929e-02	-1.7040e-03	2.9586e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-1.2139e-01	-1.0669e-01	-	
1.2049e-01	-3.9200e-04	3.1206e-01							
	8	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-4.4977e-03	-2.9219e-03	-	
4.6527e-03	-1.4100e-04	2.1768e-02							
	9	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-8.6893e-02	-5.6548e-02	-	
8.9871e-02	-2.7140e-03	4.1964e-01							
	Dyn Y	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.1926e-02	2.8761e-02		
4.3088e-02	1.1220e-03	1.8851e-01							
	174	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0456e-03	3.8561e-03	-	
5.8230e-03	1.9030e-03	1.1269e-02							
	3	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.9803e-03	1.0488e-02	-	
3.3546e-02	1.2674e-02	5.2476e-02							
	4	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-2.8908e-03	3.7992e-03	-	
1.2152e-02	4.5910e-03	1.9009e-02							
	6	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	4.1371e-02	2.5897e-01		
2.0511e-02	-1.9720e-03	2.9567e-01							
	7	0.0000e+00	0.0000e+00	0.0000e+00	0.0000e+00	-7.8959e-04	1.6050e-01	-	
8.7627e-02	-8.6200e-04	3.1173e-01							

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29	1	0.26	-0.01	21.85	0.00	0.00	0.00
	3	1.59	-0.07	26.56	0.00	0.00	0.02
	4	0.58	-0.03	9.62	0.00	0.00	0.01
	6	0.15	55.04	10.06	0.00	0.00	0.49
	7	0.68	203.74	11.15	0.00	0.00	3.20
	8	0.01	5.90	0.74	0.00	0.00	0.01
	9	0.14	114.48	14.19	0.00	0.00	0.18
	Dyn Y	0.09	37.30	6.40	0.00	0.00	0.28

30	1	0.09	-0.01	21.89	0.00	0.00	0.00
	3	0.53	-0.09	26.80	0.00	0.00	0.01
	4	0.19	-0.03	9.71	0.00	0.00	0.00
	6	0.05	55.67	10.09	0.00	0.00	0.16
	7	0.24	209.08	11.26	0.00	0.00	1.11
	8	0.00	5.91	0.74	0.00	0.00	0.00
	9	0.04	114.70	14.21	0.00	0.00	0.06
	Dyn Y	0.03	37.71	6.42	0.00	0.00	0.10

31	1	-0.09	-0.01	21.89	0.00	0.00	-0.00
	3	-0.53	-0.09	26.80	0.00	0.00	-0.01
	4	-0.19	-0.03	9.71	0.00	0.00	-0.00
	6	-0.05	55.67	10.09	0.00	0.00	-0.16
	7	-0.24	209.08	11.26	0.00	0.00	-1.11
	8	-0.00	5.91	0.74	0.00	0.00	-0.00
	9	-0.04	114.70	14.21	0.00	0.00	-0.06
	Dyn Y	0.03	37.71	6.42	0.00	0.00	0.10

32	1	-0.26	-0.01	21.85	0.00	0.00	-0.00
	3	-1.59	-0.07	26.56	0.00	0.00	-0.02
	4	-0.58	-0.03	9.62	0.00	0.00	-0.01
	6	-0.15	55.04	10.06	0.00	0.00	-0.49
	7	-0.68	203.74	11.15	0.00	0.00	-3.20
	8	-0.01	5.90	0.74	0.00	0.00	-0.01
	9	-0.14	114.48	14.19	0.00	0.00	-0.18
	Dyn Y	0.09	37.29	6.40	0.00	0.00	0.28

33	1	-0.43	-0.01	21.77	0.00	0.00	-0.00
	3	-2.62	-0.05	26.07	0.00	0.00	-0.02
	4	-0.95	-0.02	9.44	0.00	0.00	-0.01
	6	-0.27	53.64	10.02	0.00	0.00	-0.83
	7	-1.00	193.22	10.96	0.00	0.00	-4.90
	8	-0.01	5.87	0.73	0.00	0.00	-0.01
	9	-0.27	113.97	14.15	0.00	0.00	-0.30
	Dyn Y	0.16	36.43	6.38	0.00	0.00	0.46

34	1	-0.61	0.00	21.65	0.00	0.00	-0.01
	3	-3.69	0.01	25.34	0.00	0.00	-0.03
	4	-1.34	0.00	9.18	0.00	0.00	-0.01
	6	-0.40	51.17	9.95	0.00	0.00	-1.18
	7	-1.13	40.70	10.71	0.00	0.00	-5.76
	8	-0.02	5.83	0.73	0.00	0.00	-0.02
	9	-0.45	113.07	14.07	0.00	0.00	-0.43
	Dyn Y	0.24	35.03	6.33	0.00	0.00	0.62

35	1	-0.96	0.01	21.49	0.00	0.00	-0.01
	3	-5.78	0.08	24.37	0.00	0.00	-0.03
	4	-2.09	0.03	8.83	0.00	0.00	-0.01
	6	-0.53	47.14	9.84	0.00	0.00	-1.49
	7	-1.05	23.93	10.46	0.00	0.00	-5.88
	8	-0.03	5.76	0.72	0.00	0.00	-0.03
	9	-0.67	111.61	13.94	0.00	0.00	-0.54
	Dyn Y	0.33	32.91	6.27	0.00	0.00	0.75

36	1	-1.50	0.02	21.30	0.00	0.00	-0.01
	3	-9.12	0.12	23.20	0.00	0.00	-0.03
	4	-3.30	0.04	8.41	0.00	0.00	-0.01
	6	-0.57	40.80	9.70	0.00	0.00	-1.66
	7	-0.84	3.03	10.24	0.00	0.00	-5.83
	8	-0.04	5.64	0.71	0.00	0.00	-0.03
	9	-0.76	109.25	13.76	0.00	0.00	-0.60

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	Dyn Y	0.36	29.80	6.18	0.00	0.00	0.79
37	1	0.00	0.00	10.58	0.00	0.00	0.00
	3	0.00	0.00	11.29	0.00	0.00	0.00
	4	0.00	0.00	4.09	0.00	0.00	0.00
	6	0.00	0.00	4.80	0.00	0.00	0.00
	7	0.00	0.00	5.06	0.00	0.00	0.00
	8	0.00	0.00	0.35	0.00	0.00	0.00
	9	0.00	0.00	6.81	0.00	0.00	0.00
	Dyn Y	0.00	0.00	3.06	0.00	0.00	0.00
38	1	0.00	0.00	9.51	0.00	0.00	0.00
	3	0.00	0.00	8.36	0.00	0.00	0.00
	4	0.00	0.00	3.03	0.00	0.00	0.00
	6	0.00	0.00	0.58	0.00	0.00	0.00
	7	0.00	0.00	0.69	0.00	0.00	0.00
	8	0.00	0.00	0.04	0.00	0.00	0.00
	9	0.00	0.00	0.81	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.37	0.00	0.00	0.00
39	1	0.00	0.00	19.10	0.00	0.00	0.00
	3	0.00	0.00	17.23	0.00	0.00	0.00
	4	0.00	0.00	6.24	0.00	0.00	0.00
	6	0.00	0.00	1.23	0.00	0.00	0.00
	7	0.00	0.00	1.45	0.00	0.00	0.00
	8	0.00	0.00	0.09	0.00	0.00	0.00
	9	0.00	0.00	1.72	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.78	0.00	0.00	0.00
Nodo	cond	F (X)	F (Y)	F (Z)	M (X)	M (Y)	M (Z)
40	1	0.00	0.00	19.19	0.00	0.00	0.00
	3	0.00	0.00	17.76	0.00	0.00	0.00
	4	0.00	0.00	6.44	0.00	0.00	0.00
	6	0.00	0.00	1.30	0.00	0.00	0.00
	7	0.00	0.00	1.49	0.00	0.00	0.00
	8	0.00	0.00	0.09	0.00	0.00	0.00
	9	0.00	0.00	1.83	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.83	0.00	0.00	0.00
41	1	0.00	0.00	21.34	0.00	0.00	0.00
	3	0.00	0.00	23.66	0.00	0.00	0.00
	4	0.00	0.00	8.57	0.00	0.00	0.00
	6	0.00	0.00	9.77	0.00	0.00	0.00
	7	0.00	0.00	10.35	0.00	0.00	0.00
	8	0.00	0.00	0.72	0.00	0.00	0.00
	9	0.00	0.00	13.86	0.00	0.00	0.00
	Dyn Y	0.00	0.00	6.23	0.00	0.00	0.00
42	1	0.00	0.00	19.28	0.00	0.00	0.00
	3	0.00	0.00	18.27	0.00	0.00	0.00
	4	0.00	0.00	6.62	0.00	0.00	0.00
	6	0.00	0.00	1.35	0.00	0.00	0.00
	7	0.00	0.00	1.53	0.00	0.00	0.00
	8	0.00	0.00	0.10	0.00	0.00	0.00
	9	0.00	0.00	1.91	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.86	0.00	0.00	0.00
43	1	0.00	0.00	19.36	0.00	0.00	0.00
	3	0.00	0.00	18.77	0.00	0.00	0.00
	4	0.00	0.00	6.80	0.00	0.00	0.00
	6	0.00	0.00	1.40	0.00	0.00	0.00
	7	0.00	0.00	1.55	0.00	0.00	0.00
	8	0.00	0.00	0.10	0.00	0.00	0.00
	9	0.00	0.00	1.97	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.89	0.00	0.00	0.00
44	1	0.00	0.00	21.52	0.00	0.00	0.00
	3	0.00	0.00	24.71	0.00	0.00	0.00
	4	0.00	0.00	8.95	0.00	0.00	0.00

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	6	0.00	0.00	9.90	0.00	0.00	0.00
	7	0.00	0.00	10.59	0.00	0.00	0.00
	8	0.00	0.00	0.73	0.00	0.00	0.00
	9	0.00	0.00	14.01	0.00	0.00	0.00
	Dyn Y	0.00	0.00	6.30	0.00	0.00	0.00

45	1	0.00	0.00	19.43	0.00	0.00	0.00
	3	0.00	0.00	19.20	0.00	0.00	0.00
	4	0.00	0.00	6.95	0.00	0.00	0.00
	6	0.00	0.00	1.43	0.00	0.00	0.00
	7	0.00	0.00	1.56	0.00	0.00	0.00
	8	0.00	0.00	0.10	0.00	0.00	0.00
	9	0.00	0.00	2.02	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.91	0.00	0.00	0.00

46	1	0.00	0.00	19.50	0.00	0.00	0.00
	3	0.00	0.00	19.60	0.00	0.00	0.00
	4	0.00	0.00	7.10	0.00	0.00	0.00
	6	0.00	0.00	1.45	0.00	0.00	0.00
	7	0.00	0.00	1.56	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.06	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.93	0.00	0.00	0.00

47	1	0.00	0.00	21.66	0.00	0.00	0.00
	3	0.00	0.00	25.56	0.00	0.00	0.00
	4	0.00	0.00	9.26	0.00	0.00	0.00
	6	0.00	0.00	9.99	0.00	0.00	0.00
	7	0.00	0.00	10.84	0.00	0.00	0.00
	8	0.00	0.00	0.73	0.00	0.00	0.00
	9	0.00	0.00	14.11	0.00	0.00	0.00
	Dyn Y	0.00	0.00	6.36	0.00	0.00	0.00

48	1	0.00	0.00	19.55	0.00	0.00	0.00
	3	0.00	0.00	19.91	0.00	0.00	0.00
	4	0.00	0.00	7.21	0.00	0.00	0.00
	6	0.00	0.00	1.47	0.00	0.00	0.00
	7	0.00	0.00	1.56	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.09	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.94	0.00	0.00	0.00

49	1	0.00	0.00	19.60	0.00	0.00	0.00
	3	0.00	0.00	20.19	0.00	0.00	0.00
	4	0.00	0.00	7.31	0.00	0.00	0.00
	6	0.00	0.00	1.49	0.00	0.00	0.00
	7	0.00	0.00	1.56	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.11	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.95	0.00	0.00	0.00

50	1	0.00	0.00	21.76	0.00	0.00	0.00
	3	0.00	0.00	26.17	0.00	0.00	0.00
	4	0.00	0.00	9.48	0.00	0.00	0.00
	6	0.00	0.00	10.04	0.00	0.00	0.00
	7	0.00	0.00	11.07	0.00	0.00	0.00
	8	0.00	0.00	0.74	0.00	0.00	0.00
	9	0.00	0.00	14.17	0.00	0.00	0.00
	Dyn Y	0.00	0.00	6.39	0.00	0.00	0.00

51	1	0.00	0.00	19.63	0.00	0.00	0.00
	3	0.00	0.00	20.38	0.00	0.00	0.00
	4	0.00	0.00	7.38	0.00	0.00	0.00
	6	0.00	0.00	1.50	0.00	0.00	0.00
	7	0.00	0.00	1.56	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.12	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.95	0.00	0.00	0.00

52	1	0.00	0.00	19.65	0.00	0.00	0.00

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	3	0.00	0.00	20.55	0.00	0.00	0.00
	4	0.00	0.00	7.44	0.00	0.00	0.00
	6	0.00	0.00	1.50	0.00	0.00	0.00
	7	0.00	0.00	1.57	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.14	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.96	0.00	0.00	0.00

53	1	0.00	0.00	21.82	0.00	0.00	0.00
	3	0.00	0.00	26.54	0.00	0.00	0.00
	4	0.00	0.00	9.61	0.00	0.00	0.00
	6	0.00	0.00	10.08	0.00	0.00	0.00
	7	0.00	0.00	11.22	0.00	0.00	0.00
	8	0.00	0.00	0.74	0.00	0.00	0.00
	9	0.00	0.00	14.20	0.00	0.00	0.00
	Dyn Y	0.00	0.00	6.41	0.00	0.00	0.00

54	1	0.00	0.00	19.66	0.00	0.00	0.00
	3	0.00	0.00	20.62	0.00	0.00	0.00
	4	0.00	0.00	7.47	0.00	0.00	0.00
	6	0.00	0.00	1.51	0.00	0.00	0.00
	7	0.00	0.00	1.57	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.14	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.96	0.00	0.00	0.00

Nodo	cond	F (X)	F (Y)	F (Z)	M (X)	M (Y)	M (Z)

55	1	0.00	0.00	19.67	0.00	0.00	0.00
	3	0.00	0.00	20.66	0.00	0.00	0.00
	4	0.00	0.00	7.49	0.00	0.00	0.00
	6	0.00	0.00	1.51	0.00	0.00	0.00
	7	0.00	0.00	1.57	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.14	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.96	0.00	0.00	0.00

56	1	0.00	0.00	21.84	0.00	0.00	0.00
	3	0.00	0.00	26.66	0.00	0.00	0.00
	4	0.00	0.00	9.66	0.00	0.00	0.00
	6	0.00	0.00	10.09	0.00	0.00	0.00
	7	0.00	0.00	11.27	0.00	0.00	0.00
	8	0.00	0.00	0.74	0.00	0.00	0.00
	9	0.00	0.00	14.21	0.00	0.00	0.00
	Dyn Y	0.00	0.00	6.42	0.00	0.00	0.00

57	1	0.00	0.00	19.66	0.00	0.00	0.00
	3	0.00	0.00	20.62	0.00	0.00	0.00
	4	0.00	0.00	7.47	0.00	0.00	0.00
	6	0.00	0.00	1.51	0.00	0.00	0.00
	7	0.00	0.00	1.57	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.14	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.96	0.00	0.00	0.00

58	1	0.00	0.00	19.65	0.00	0.00	0.00
	3	0.00	0.00	20.55	0.00	0.00	0.00
	4	0.00	0.00	7.44	0.00	0.00	0.00
	6	0.00	0.00	1.50	0.00	0.00	0.00
	7	0.00	0.00	1.57	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.14	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.96	0.00	0.00	0.00

59	1	0.00	0.00	21.82	0.00	0.00	0.00
	3	0.00	0.00	26.54	0.00	0.00	0.00
	4	0.00	0.00	9.61	0.00	0.00	0.00
	6	0.00	0.00	10.08	0.00	0.00	0.00
	7	0.00	0.00	11.22	0.00	0.00	0.00
	8	0.00	0.00	0.74	0.00	0.00	0.00

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	9	0.00	0.00	14.20	0.00	0.00	0.00
	Dyn Y	0.00	0.00	6.41	0.00	0.00	0.00

60	1	0.00	0.00	19.63	0.00	0.00	0.00
	3	0.00	0.00	20.38	0.00	0.00	0.00
	4	0.00	0.00	7.38	0.00	0.00	0.00
	6	0.00	0.00	1.50	0.00	0.00	0.00
	7	0.00	0.00	1.56	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.12	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.95	0.00	0.00	0.00

61	1	0.00	0.00	19.60	0.00	0.00	0.00
	3	0.00	0.00	20.19	0.00	0.00	0.00
	4	0.00	0.00	7.31	0.00	0.00	0.00
	6	0.00	0.00	1.49	0.00	0.00	0.00
	7	0.00	0.00	1.56	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.11	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.95	0.00	0.00	0.00

62	1	0.00	0.00	21.76	0.00	0.00	0.00
	3	0.00	0.00	26.17	0.00	0.00	0.00
	4	0.00	0.00	9.48	0.00	0.00	0.00
	6	0.00	0.00	10.04	0.00	0.00	0.00
	7	0.00	0.00	11.07	0.00	0.00	0.00
	8	0.00	0.00	0.74	0.00	0.00	0.00
	9	0.00	0.00	14.17	0.00	0.00	0.00
	Dyn Y	0.00	0.00	6.39	0.00	0.00	0.00

63	1	0.00	0.00	19.55	0.00	0.00	0.00
	3	0.00	0.00	19.91	0.00	0.00	0.00
	4	0.00	0.00	7.21	0.00	0.00	0.00
	6	0.00	0.00	1.47	0.00	0.00	0.00
	7	0.00	0.00	1.56	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.09	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.94	0.00	0.00	0.00

64	1	0.00	0.00	19.50	0.00	0.00	0.00
	3	0.00	0.00	19.60	0.00	0.00	0.00
	4	0.00	0.00	7.10	0.00	0.00	0.00
	6	0.00	0.00	1.45	0.00	0.00	0.00
	7	0.00	0.00	1.56	0.00	0.00	0.00
	8	0.00	0.00	0.11	0.00	0.00	0.00
	9	0.00	0.00	2.06	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.93	0.00	0.00	0.00

65	1	0.00	0.00	21.66	0.00	0.00	0.00
	3	0.00	0.00	25.56	0.00	0.00	0.00
	4	0.00	0.00	9.26	0.00	0.00	0.00
	6	0.00	0.00	9.99	0.00	0.00	0.00
	7	0.00	0.00	10.84	0.00	0.00	0.00
	8	0.00	0.00	0.73	0.00	0.00	0.00
	9	0.00	0.00	14.11	0.00	0.00	0.00
	Dyn Y	0.00	0.00	6.36	0.00	0.00	0.00

66	1	0.00	0.00	19.43	0.00	0.00	0.00
	3	0.00	0.00	19.20	0.00	0.00	0.00
	4	0.00	0.00	6.95	0.00	0.00	0.00
	6	0.00	0.00	1.43	0.00	0.00	0.00
	7	0.00	0.00	1.56	0.00	0.00	0.00
	8	0.00	0.00	0.10	0.00	0.00	0.00
	9	0.00	0.00	2.02	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.91	0.00	0.00	0.00

67	1	0.00	0.00	19.36	0.00	0.00	0.00
	3	0.00	0.00	18.77	0.00	0.00	0.00
	4	0.00	0.00	6.80	0.00	0.00	0.00
	6	0.00	0.00	1.40	0.00	0.00	0.00

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	7	0.00	0.00	1.55	0.00	0.00	0.00
	8	0.00	0.00	0.10	0.00	0.00	0.00
	9	0.00	0.00	1.97	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.89	0.00	0.00	0.00
68	1	0.00	0.00	21.52	0.00	0.00	0.00
	3	0.00	0.00	24.71	0.00	0.00	0.00
	4	0.00	0.00	8.95	0.00	0.00	0.00
	6	0.00	0.00	9.90	0.00	0.00	0.00
	7	0.00	0.00	10.59	0.00	0.00	0.00
	8	0.00	0.00	0.73	0.00	0.00	0.00
	9	0.00	0.00	14.01	0.00	0.00	0.00
	Dyn Y	0.00	0.00	6.30	0.00	0.00	0.00
69	1	0.00	0.00	19.28	0.00	0.00	0.00
	3	0.00	0.00	18.27	0.00	0.00	0.00
	4	0.00	0.00	6.62	0.00	0.00	0.00
	6	0.00	0.00	1.35	0.00	0.00	0.00
	7	0.00	0.00	1.53	0.00	0.00	0.00
	8	0.00	0.00	0.10	0.00	0.00	0.00
	9	0.00	0.00	1.91	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.86	0.00	0.00	0.00
Nodo	cond	F (X)	F (Y)	F (Z)	M (X)	M (Y)	M (Z)
70	1	0.00	0.00	19.19	0.00	0.00	0.00
	3	0.00	0.00	17.76	0.00	0.00	0.00
	4	0.00	0.00	6.44	0.00	0.00	0.00
	6	0.00	0.00	1.30	0.00	0.00	0.00
	7	0.00	0.00	1.49	0.00	0.00	0.00
	8	0.00	0.00	0.09	0.00	0.00	0.00
	9	0.00	0.00	1.83	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.83	0.00	0.00	0.00
71	1	0.00	0.00	21.34	0.00	0.00	0.00
	3	0.00	0.00	23.66	0.00	0.00	0.00
	4	0.00	0.00	8.57	0.00	0.00	0.00
	6	0.00	0.00	9.77	0.00	0.00	0.00
	7	0.00	0.00	10.35	0.00	0.00	0.00
	8	0.00	0.00	0.72	0.00	0.00	0.00
	9	0.00	0.00	13.86	0.00	0.00	0.00
	Dyn Y	0.00	0.00	6.23	0.00	0.00	0.00
72	1	0.00	0.00	19.10	0.00	0.00	0.00
	3	0.00	0.00	17.23	0.00	0.00	0.00
	4	0.00	0.00	6.24	0.00	0.00	0.00
	6	0.00	0.00	1.23	0.00	0.00	0.00
	7	0.00	0.00	1.45	0.00	0.00	0.00
	8	0.00	0.00	0.09	0.00	0.00	0.00
	9	0.00	0.00	1.72	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.78	0.00	0.00	0.00
73	1	0.00	0.00	9.51	0.00	0.00	0.00
	3	0.00	0.00	8.36	0.00	0.00	0.00
	4	0.00	0.00	3.03	0.00	0.00	0.00
	6	0.00	0.00	0.58	0.00	0.00	0.00
	7	0.00	0.00	0.69	0.00	0.00	0.00
	8	0.00	0.00	0.04	0.00	0.00	0.00
	9	0.00	0.00	0.81	0.00	0.00	0.00
	Dyn Y	0.00	0.00	0.37	0.00	0.00	0.00
74	1	0.00	0.00	10.58	0.00	0.00	0.00
	3	0.00	0.00	11.29	0.00	0.00	0.00
	4	0.00	0.00	4.09	0.00	0.00	0.00
	6	0.00	0.00	4.80	0.00	0.00	0.00
	7	0.00	0.00	5.06	0.00	0.00	0.00
	8	0.00	0.00	0.35	0.00	0.00	0.00
	9	0.00	0.00	6.81	0.00	0.00	0.00
	Dyn Y	0.00	0.00	3.06	0.00	0.00	0.00

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75	1	0.00	0.00	11.63	0.00	0.00	0.00
	3	0.00	0.00	14.18	0.00	0.00	0.00
	4	0.00	0.00	5.14	0.00	0.00	0.00
	6	0.00	0.00	9.08	0.00	0.00	0.00
	7	0.00	0.00	9.47	0.00	0.00	0.00
	8	0.00	0.00	0.67	0.00	0.00	0.00
	9	0.00	0.00	12.90	0.00	0.00	0.00
	Dyn Y	0.00	0.00	5.79	0.00	0.00	0.00

76	1	0.00	0.00	23.35	0.00	0.00	0.00
	3	0.00	0.00	28.88	0.00	0.00	0.00
	4	0.00	0.00	10.46	0.00	0.00	0.00
	6	0.00	0.00	18.27	0.00	0.00	0.00
	7	0.00	0.00	19.12	0.00	0.00	0.00
	8	0.00	0.00	1.35	0.00	0.00	0.00
	9	0.00	0.00	25.95	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.65	0.00	0.00	0.00

77	1	0.00	0.00	23.45	0.00	0.00	0.00
	3	0.00	0.00	29.45	0.00	0.00	0.00
	4	0.00	0.00	10.67	0.00	0.00	0.00
	6	0.00	0.00	18.36	0.00	0.00	0.00
	7	0.00	0.00	19.30	0.00	0.00	0.00
	8	0.00	0.00	1.35	0.00	0.00	0.00
	9	0.00	0.00	26.06	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.70	0.00	0.00	0.00

78	1	0.00	0.00	23.53	0.00	0.00	0.00
	3	0.00	0.00	29.99	0.00	0.00	0.00
	4	0.00	0.00	10.86	0.00	0.00	0.00
	6	0.00	0.00	18.45	0.00	0.00	0.00
	7	0.00	0.00	19.51	0.00	0.00	0.00
	8	0.00	0.00	1.36	0.00	0.00	0.00
	9	0.00	0.00	26.15	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.75	0.00	0.00	0.00

79	1	0.00	0.00	23.62	0.00	0.00	0.00
	3	0.00	0.00	30.52	0.00	0.00	0.00
	4	0.00	0.00	11.05	0.00	0.00	0.00
	6	0.00	0.00	18.52	0.00	0.00	0.00
	7	0.00	0.00	19.74	0.00	0.00	0.00
	8	0.00	0.00	1.36	0.00	0.00	0.00
	9	0.00	0.00	26.23	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.80	0.00	0.00	0.00

80	1	0.00	0.00	23.70	0.00	0.00	0.00
	3	0.00	0.00	30.97	0.00	0.00	0.00
	4	0.00	0.00	11.22	0.00	0.00	0.00
	6	0.00	0.00	18.58	0.00	0.00	0.00
	7	0.00	0.00	19.99	0.00	0.00	0.00
	8	0.00	0.00	1.36	0.00	0.00	0.00
	9	0.00	0.00	26.29	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.83	0.00	0.00	0.00

81	1	0.00	0.00	23.77	0.00	0.00	0.00
	3	0.00	0.00	31.39	0.00	0.00	0.00
	4	0.00	0.00	11.37	0.00	0.00	0.00
	6	0.00	0.00	18.64	0.00	0.00	0.00
	7	0.00	0.00	20.25	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.34	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.87	0.00	0.00	0.00

82	1	0.00	0.00	23.82	0.00	0.00	0.00
	3	0.00	0.00	31.73	0.00	0.00	0.00
	4	0.00	0.00	11.49	0.00	0.00	0.00
	6	0.00	0.00	18.69	0.00	0.00	0.00
	7	0.00	0.00	20.51	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.38	0.00	0.00	0.00

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	Dyn Y	0.00	0.00	11.89	0.00	0.00	0.00
83	1	0.00	0.00	23.87	0.00	0.00	0.00
	3	0.00	0.00	32.03	0.00	0.00	0.00
	4	0.00	0.00	11.60	0.00	0.00	0.00
	6	0.00	0.00	18.73	0.00	0.00	0.00
	7	0.00	0.00	20.73	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.41	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.92	0.00	0.00	0.00
84	1	0.00	0.00	23.90	0.00	0.00	0.00
	3	0.00	0.00	32.23	0.00	0.00	0.00
	4	0.00	0.00	11.68	0.00	0.00	0.00
	6	0.00	0.00	18.76	0.00	0.00	0.00
	7	0.00	0.00	20.91	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.43	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.93	0.00	0.00	0.00
Nodo	cond	F (X)	F (Y)	F (Z)	M (X)	M (Y)	M (Z)
85	1	0.00	0.00	23.93	0.00	0.00	0.00
	3	0.00	0.00	32.40	0.00	0.00	0.00
	4	0.00	0.00	11.74	0.00	0.00	0.00
	6	0.00	0.00	18.78	0.00	0.00	0.00
	7	0.00	0.00	21.04	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.45	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.95	0.00	0.00	0.00
86	1	0.00	0.00	23.94	0.00	0.00	0.00
	3	0.00	0.00	32.48	0.00	0.00	0.00
	4	0.00	0.00	11.77	0.00	0.00	0.00
	6	0.00	0.00	18.79	0.00	0.00	0.00
	7	0.00	0.00	21.12	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.45	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.95	0.00	0.00	0.00
87	1	0.00	0.00	23.95	0.00	0.00	0.00
	3	0.00	0.00	32.53	0.00	0.00	0.00
	4	0.00	0.00	11.78	0.00	0.00	0.00
	6	0.00	0.00	18.80	0.00	0.00	0.00
	7	0.00	0.00	21.15	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.46	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.96	0.00	0.00	0.00
88	1	0.00	0.00	23.94	0.00	0.00	0.00
	3	0.00	0.00	32.48	0.00	0.00	0.00
	4	0.00	0.00	11.77	0.00	0.00	0.00
	6	0.00	0.00	18.79	0.00	0.00	0.00
	7	0.00	0.00	21.12	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.45	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.95	0.00	0.00	0.00
89	1	0.00	0.00	23.93	0.00	0.00	0.00
	3	0.00	0.00	32.40	0.00	0.00	0.00
	4	0.00	0.00	11.74	0.00	0.00	0.00
	6	0.00	0.00	18.78	0.00	0.00	0.00
	7	0.00	0.00	21.04	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.45	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.95	0.00	0.00	0.00
90	1	0.00	0.00	23.90	0.00	0.00	0.00
	3	0.00	0.00	32.23	0.00	0.00	0.00
	4	0.00	0.00	11.68	0.00	0.00	0.00

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	6	0.00	0.00	18.76	0.00	0.00	0.00
	7	0.00	0.00	20.91	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.43	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.93	0.00	0.00	0.00

91	1	0.00	0.00	23.87	0.00	0.00	0.00
	3	0.00	0.00	32.03	0.00	0.00	0.00
	4	0.00	0.00	11.60	0.00	0.00	0.00
	6	0.00	0.00	18.73	0.00	0.00	0.00
	7	0.00	0.00	20.73	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.41	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.92	0.00	0.00	0.00

92	1	0.00	0.00	23.82	0.00	0.00	0.00
	3	0.00	0.00	31.73	0.00	0.00	0.00
	4	0.00	0.00	11.49	0.00	0.00	0.00
	6	0.00	0.00	18.69	0.00	0.00	0.00
	7	0.00	0.00	20.51	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.38	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.89	0.00	0.00	0.00

93	1	0.00	0.00	23.77	0.00	0.00	0.00
	3	0.00	0.00	31.39	0.00	0.00	0.00
	4	0.00	0.00	11.37	0.00	0.00	0.00
	6	0.00	0.00	18.64	0.00	0.00	0.00
	7	0.00	0.00	20.25	0.00	0.00	0.00
	8	0.00	0.00	1.37	0.00	0.00	0.00
	9	0.00	0.00	26.34	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.87	0.00	0.00	0.00

94	1	0.00	0.00	23.70	0.00	0.00	0.00
	3	0.00	0.00	30.97	0.00	0.00	0.00
	4	0.00	0.00	11.22	0.00	0.00	0.00
	6	0.00	0.00	18.58	0.00	0.00	0.00
	7	0.00	0.00	19.99	0.00	0.00	0.00
	8	0.00	0.00	1.36	0.00	0.00	0.00
	9	0.00	0.00	26.29	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.83	0.00	0.00	0.00

95	1	0.00	0.00	23.62	0.00	0.00	0.00
	3	0.00	0.00	30.52	0.00	0.00	0.00
	4	0.00	0.00	11.05	0.00	0.00	0.00
	6	0.00	0.00	18.52	0.00	0.00	0.00
	7	0.00	0.00	19.74	0.00	0.00	0.00
	8	0.00	0.00	1.36	0.00	0.00	0.00
	9	0.00	0.00	26.23	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.80	0.00	0.00	0.00

96	1	0.00	0.00	23.53	0.00	0.00	0.00
	3	0.00	0.00	29.99	0.00	0.00	0.00
	4	0.00	0.00	10.86	0.00	0.00	0.00
	6	0.00	0.00	18.45	0.00	0.00	0.00
	7	0.00	0.00	19.51	0.00	0.00	0.00
	8	0.00	0.00	1.36	0.00	0.00	0.00
	9	0.00	0.00	26.15	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.75	0.00	0.00	0.00

97	1	0.00	0.00	23.45	0.00	0.00	0.00
	3	0.00	0.00	29.45	0.00	0.00	0.00
	4	0.00	0.00	10.67	0.00	0.00	0.00
	6	0.00	0.00	18.36	0.00	0.00	0.00
	7	0.00	0.00	19.30	0.00	0.00	0.00
	8	0.00	0.00	1.35	0.00	0.00	0.00
	9	0.00	0.00	26.06	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.70	0.00	0.00	0.00

98	1	0.00	0.00	23.35	0.00	0.00	0.00

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	3	0.00	0.00	28.88	0.00	0.00	0.00
	4	0.00	0.00	10.46	0.00	0.00	0.00
	6	0.00	0.00	18.27	0.00	0.00	0.00
	7	0.00	0.00	19.12	0.00	0.00	0.00
	8	0.00	0.00	1.35	0.00	0.00	0.00
	9	0.00	0.00	25.95	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.65	0.00	0.00	0.00

99	1	0.00	0.00	11.63	0.00	0.00	0.00
	3	0.00	0.00	14.18	0.00	0.00	0.00
	4	0.00	0.00	5.14	0.00	0.00	0.00
	6	0.00	0.00	9.08	0.00	0.00	0.00
	7	0.00	0.00	9.47	0.00	0.00	0.00
	8	0.00	0.00	0.67	0.00	0.00	0.00
	9	0.00	0.00	12.90	0.00	0.00	0.00
	Dyn Y	0.00	0.00	5.79	0.00	0.00	0.00

Nodo	cond	F (X)	F (Y)	F (Z)	M (X)	M (Y)	M (Z)

100	1	0.00	0.00	6.34	0.00	0.00	0.00
	3	0.00	0.00	8.52	0.00	0.00	0.00
	4	0.00	0.00	3.09	0.00	0.00	0.00
	6	0.00	0.00	6.69	0.00	0.00	0.00
	7	0.00	0.00	6.96	0.00	0.00	0.00
	8	0.00	0.00	0.49	0.00	0.00	0.00
	9	0.00	0.00	9.51	0.00	0.00	0.00
	Dyn Y	0.00	0.00	4.26	0.00	0.00	0.00

101	1	0.00	0.00	12.72	0.00	0.00	0.00
	3	0.00	0.00	17.32	0.00	0.00	0.00
	4	0.00	0.00	6.27	0.00	0.00	0.00
	6	0.00	0.00	13.43	0.00	0.00	0.00
	7	0.00	0.00	14.03	0.00	0.00	0.00
	8	0.00	0.00	0.99	0.00	0.00	0.00
	9	0.00	0.00	19.08	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.56	0.00	0.00	0.00

102	1	0.00	0.00	12.76	0.00	0.00	0.00
	3	0.00	0.00	17.59	0.00	0.00	0.00
	4	0.00	0.00	6.37	0.00	0.00	0.00
	6	0.00	0.00	13.48	0.00	0.00	0.00
	7	0.00	0.00	14.15	0.00	0.00	0.00
	8	0.00	0.00	0.99	0.00	0.00	0.00
	9	0.00	0.00	19.14	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.59	0.00	0.00	0.00

103	1	0.00	0.00	12.81	0.00	0.00	0.00
	3	0.00	0.00	17.87	0.00	0.00	0.00
	4	0.00	0.00	6.47	0.00	0.00	0.00
	6	0.00	0.00	13.53	0.00	0.00	0.00
	7	0.00	0.00	14.29	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.19	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.62	0.00	0.00	0.00

104	1	0.00	0.00	12.85	0.00	0.00	0.00
	3	0.00	0.00	18.13	0.00	0.00	0.00
	4	0.00	0.00	6.57	0.00	0.00	0.00
	6	0.00	0.00	13.58	0.00	0.00	0.00
	7	0.00	0.00	14.46	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.23	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.65	0.00	0.00	0.00

105	1	0.00	0.00	12.89	0.00	0.00	0.00
	3	0.00	0.00	18.37	0.00	0.00	0.00
	4	0.00	0.00	6.65	0.00	0.00	0.00
	6	0.00	0.00	13.62	0.00	0.00	0.00
	7	0.00	0.00	14.65	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00

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	9	0.00	0.00	19.26	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.67	0.00	0.00	0.00
106	1	0.00	0.00	12.93	0.00	0.00	0.00
	3	0.00	0.00	18.58	0.00	0.00	0.00
	4	0.00	0.00	6.73	0.00	0.00	0.00
	6	0.00	0.00	13.65	0.00	0.00	0.00
	7	0.00	0.00	14.84	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.29	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.69	0.00	0.00	0.00
107	1	0.00	0.00	12.96	0.00	0.00	0.00
	3	0.00	0.00	18.76	0.00	0.00	0.00
	4	0.00	0.00	6.80	0.00	0.00	0.00
	6	0.00	0.00	13.68	0.00	0.00	0.00
	7	0.00	0.00	15.02	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.31	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.71	0.00	0.00	0.00
108	1	0.00	0.00	12.98	0.00	0.00	0.00
	3	0.00	0.00	18.90	0.00	0.00	0.00
	4	0.00	0.00	6.85	0.00	0.00	0.00
	6	0.00	0.00	13.71	0.00	0.00	0.00
	7	0.00	0.00	15.18	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.33	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.72	0.00	0.00	0.00
109	1	0.00	0.00	13.00	0.00	0.00	0.00
	3	0.00	0.00	19.02	0.00	0.00	0.00
	4	0.00	0.00	6.89	0.00	0.00	0.00
	6	0.00	0.00	13.73	0.00	0.00	0.00
	7	0.00	0.00	15.32	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.34	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.73	0.00	0.00	0.00
110	1	0.00	0.00	13.01	0.00	0.00	0.00
	3	0.00	0.00	19.10	0.00	0.00	0.00
	4	0.00	0.00	6.92	0.00	0.00	0.00
	6	0.00	0.00	13.74	0.00	0.00	0.00
	7	0.00	0.00	15.42	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.35	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.74	0.00	0.00	0.00
111	1	0.00	0.00	13.02	0.00	0.00	0.00
	3	0.00	0.00	19.15	0.00	0.00	0.00
	4	0.00	0.00	6.94	0.00	0.00	0.00
	6	0.00	0.00	13.75	0.00	0.00	0.00
	7	0.00	0.00	15.48	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.35	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.75	0.00	0.00	0.00
112	1	0.00	0.00	13.02	0.00	0.00	0.00
	3	0.00	0.00	19.16	0.00	0.00	0.00
	4	0.00	0.00	6.94	0.00	0.00	0.00
	6	0.00	0.00	13.75	0.00	0.00	0.00
	7	0.00	0.00	15.50	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.36	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.75	0.00	0.00	0.00
113	1	0.00	0.00	13.02	0.00	0.00	0.00
	3	0.00	0.00	19.15	0.00	0.00	0.00
	4	0.00	0.00	6.94	0.00	0.00	0.00
	6	0.00	0.00	13.75	0.00	0.00	0.00

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	7	0.00	0.00	15.48	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.35	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.75	0.00	0.00	0.00
114	1	0.00	0.00	13.01	0.00	0.00	0.00
	3	0.00	0.00	19.10	0.00	0.00	0.00
	4	0.00	0.00	6.92	0.00	0.00	0.00
	6	0.00	0.00	13.74	0.00	0.00	0.00
	7	0.00	0.00	15.42	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.35	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.74	0.00	0.00	0.00
Nodo	cond	F (X)	F (Y)	F (Z)	M (X)	M (Y)	M (Z)
115	1	0.00	0.00	13.00	0.00	0.00	0.00
	3	0.00	0.00	19.02	0.00	0.00	0.00
	4	0.00	0.00	6.89	0.00	0.00	0.00
	6	0.00	0.00	13.73	0.00	0.00	0.00
	7	0.00	0.00	15.32	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.34	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.73	0.00	0.00	0.00
116	1	0.00	0.00	12.98	0.00	0.00	0.00
	3	0.00	0.00	18.90	0.00	0.00	0.00
	4	0.00	0.00	6.85	0.00	0.00	0.00
	6	0.00	0.00	13.71	0.00	0.00	0.00
	7	0.00	0.00	15.18	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.33	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.72	0.00	0.00	0.00
117	1	0.00	0.00	12.96	0.00	0.00	0.00
	3	0.00	0.00	18.76	0.00	0.00	0.00
	4	0.00	0.00	6.80	0.00	0.00	0.00
	6	0.00	0.00	13.68	0.00	0.00	0.00
	7	0.00	0.00	15.02	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.31	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.71	0.00	0.00	0.00
118	1	0.00	0.00	12.93	0.00	0.00	0.00
	3	0.00	0.00	18.58	0.00	0.00	0.00
	4	0.00	0.00	6.73	0.00	0.00	0.00
	6	0.00	0.00	13.65	0.00	0.00	0.00
	7	0.00	0.00	14.84	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.29	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.69	0.00	0.00	0.00
119	1	0.00	0.00	12.89	0.00	0.00	0.00
	3	0.00	0.00	18.37	0.00	0.00	0.00
	4	0.00	0.00	6.65	0.00	0.00	0.00
	6	0.00	0.00	13.62	0.00	0.00	0.00
	7	0.00	0.00	14.65	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.26	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.67	0.00	0.00	0.00
120	1	0.00	0.00	12.85	0.00	0.00	0.00
	3	0.00	0.00	18.13	0.00	0.00	0.00
	4	0.00	0.00	6.57	0.00	0.00	0.00
	6	0.00	0.00	13.58	0.00	0.00	0.00
	7	0.00	0.00	14.46	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.23	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.65	0.00	0.00	0.00

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121	1	0.00	0.00	12.81	0.00	0.00	0.00
	3	0.00	0.00	17.87	0.00	0.00	0.00
	4	0.00	0.00	6.47	0.00	0.00	0.00
	6	0.00	0.00	13.53	0.00	0.00	0.00
	7	0.00	0.00	14.29	0.00	0.00	0.00
	8	0.00	0.00	1.00	0.00	0.00	0.00
	9	0.00	0.00	19.19	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.62	0.00	0.00	0.00

122	1	0.00	0.00	12.76	0.00	0.00	0.00
	3	0.00	0.00	17.59	0.00	0.00	0.00
	4	0.00	0.00	6.37	0.00	0.00	0.00
	6	0.00	0.00	13.48	0.00	0.00	0.00
	7	0.00	0.00	14.15	0.00	0.00	0.00
	8	0.00	0.00	0.99	0.00	0.00	0.00
	9	0.00	0.00	19.14	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.59	0.00	0.00	0.00

123	1	0.00	0.00	12.72	0.00	0.00	0.00
	3	0.00	0.00	17.32	0.00	0.00	0.00
	4	0.00	0.00	6.27	0.00	0.00	0.00
	6	0.00	0.00	13.43	0.00	0.00	0.00
	7	0.00	0.00	14.03	0.00	0.00	0.00
	8	0.00	0.00	0.99	0.00	0.00	0.00
	9	0.00	0.00	19.08	0.00	0.00	0.00
	Dyn Y	0.00	0.00	8.56	0.00	0.00	0.00

124	1	0.00	0.00	6.34	0.00	0.00	0.00
	3	0.00	0.00	8.52	0.00	0.00	0.00
	4	0.00	0.00	3.09	0.00	0.00	0.00
	6	0.00	0.00	6.69	0.00	0.00	0.00
	7	0.00	0.00	6.96	0.00	0.00	0.00
	8	0.00	0.00	0.49	0.00	0.00	0.00
	9	0.00	0.00	9.51	0.00	0.00	0.00
	Dyn Y	0.00	0.00	4.26	0.00	0.00	0.00

125	1	0.00	0.00	8.42	0.00	0.00	0.00
	3	0.00	0.00	5.39	0.00	0.00	0.00
	4	0.00	0.00	1.95	0.00	0.00	0.00
	6	0.00	0.00	-3.55	0.00	0.00	0.00
	7	0.00	0.00	-3.62	0.00	0.00	0.00
	8	0.00	0.00	-0.26	0.00	0.00	0.00
	9	0.00	0.00	-5.06	0.00	0.00	0.00
	Dyn Y	0.00	0.00	2.26	0.00	0.00	0.00

126	1	0.00	0.00	16.93	0.00	0.00	0.00
	3	0.00	0.00	11.28	0.00	0.00	0.00
	4	0.00	0.00	4.09	0.00	0.00	0.00
	6	0.00	0.00	-7.02	0.00	0.00	0.00
	7	0.00	0.00	-7.23	0.00	0.00	0.00
	8	0.00	0.00	-0.52	0.00	0.00	0.00
	9	0.00	0.00	-9.99	0.00	0.00	0.00
	Dyn Y	0.00	0.00	4.48	0.00	0.00	0.00

127	1	0.00	0.00	17.01	0.00	0.00	0.00
	3	0.00	0.00	11.78	0.00	0.00	0.00
	4	0.00	0.00	4.27	0.00	0.00	0.00
	6	0.00	0.00	-6.97	0.00	0.00	0.00
	7	0.00	0.00	-7.24	0.00	0.00	0.00
	8	0.00	0.00	-0.51	0.00	0.00	0.00
	9	0.00	0.00	-9.90	0.00	0.00	0.00
	Dyn Y	0.00	0.00	4.44	0.00	0.00	0.00

128	1	0.00	0.00	17.09	0.00	0.00	0.00
	3	0.00	0.00	12.27	0.00	0.00	0.00
	4	0.00	0.00	4.45	0.00	0.00	0.00
	6	0.00	0.00	-6.92	0.00	0.00	0.00
	7	0.00	0.00	-7.27	0.00	0.00	0.00
	8	0.00	0.00	-0.51	0.00	0.00	0.00
	9	0.00	0.00	-9.83	0.00	0.00	0.00

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	Dyn Y		0.00		0.00		4.41		0.00		0.00		0.00
129	1		0.00		0.00		17.17		0.00		0.00		0.00
	3		0.00		0.00		12.73		0.00		0.00		0.00
	4		0.00		0.00		4.61		0.00		0.00		0.00
	6		0.00		0.00		-6.89		0.00		0.00		0.00
	7		0.00		0.00		-7.32		0.00		0.00		0.00
	8		0.00		0.00		-0.51		0.00		0.00		0.00
	9		0.00		0.00		-9.77		0.00		0.00		0.00
	Dyn Y		0.00		0.00		4.39		0.00		0.00		0.00
Nodo	cond		F (X)		F (Y)		F (Z)		M (X)		M (Y)		M (Z)
130	1		0.00		0.00		17.24		0.00		0.00		0.00
	3		0.00		0.00		13.15		0.00		0.00		0.00
	4		0.00		0.00		4.76		0.00		0.00		0.00
	6		0.00		0.00		-6.87		0.00		0.00		0.00
	7		0.00		0.00		-7.39		0.00		0.00		0.00
	8		0.00		0.00		-0.50		0.00		0.00		0.00
	9		0.00		0.00		-9.72		0.00		0.00		0.00
	Dyn Y		0.00		0.00		4.38		0.00		0.00		0.00
131	1		0.00		0.00		17.30		0.00		0.00		0.00
	3		0.00		0.00		13.52		0.00		0.00		0.00
	4		0.00		0.00		4.90		0.00		0.00		0.00
	6		0.00		0.00		-6.86		0.00		0.00		0.00
	7		0.00		0.00		-7.47		0.00		0.00		0.00
	8		0.00		0.00		-0.50		0.00		0.00		0.00
	9		0.00		0.00		-9.69		0.00		0.00		0.00
	Dyn Y		0.00		0.00		4.37		0.00		0.00		0.00
132	1		0.00		0.00		17.35		0.00		0.00		0.00
	3		0.00		0.00		13.84		0.00		0.00		0.00
	4		0.00		0.00		5.01		0.00		0.00		0.00
	6		0.00		0.00		-6.85		0.00		0.00		0.00
	7		0.00		0.00		-7.56		0.00		0.00		0.00
	8		0.00		0.00		-0.50		0.00		0.00		0.00
	9		0.00		0.00		-9.66		0.00		0.00		0.00
	Dyn Y		0.00		0.00		4.36		0.00		0.00		0.00
133	1		0.00		0.00		17.39		0.00		0.00		0.00
	3		0.00		0.00		14.10		0.00		0.00		0.00
	4		0.00		0.00		5.11		0.00		0.00		0.00
	6		0.00		0.00		-6.84		0.00		0.00		0.00
	7		0.00		0.00		-7.63		0.00		0.00		0.00
	8		0.00		0.00		-0.50		0.00		0.00		0.00
	9		0.00		0.00		-9.64		0.00		0.00		0.00
	Dyn Y		0.00		0.00		4.35		0.00		0.00		0.00
134	1		0.00		0.00		17.43		0.00		0.00		0.00
	3		0.00		0.00		14.30		0.00		0.00		0.00
	4		0.00		0.00		5.18		0.00		0.00		0.00
	6		0.00		0.00		-6.84		0.00		0.00		0.00
	7		0.00		0.00		-7.69		0.00		0.00		0.00
	8		0.00		0.00		-0.50		0.00		0.00		0.00
	9		0.00		0.00		-9.63		0.00		0.00		0.00
	Dyn Y		0.00		0.00		4.35		0.00		0.00		0.00
135	1		0.00		0.00		17.45		0.00		0.00		0.00
	3		0.00		0.00		14.44		0.00		0.00		0.00
	4		0.00		0.00		5.23		0.00		0.00		0.00
	6		0.00		0.00		-6.84		0.00		0.00		0.00
	7		0.00		0.00		-7.74		0.00		0.00		0.00
	8		0.00		0.00		-0.50		0.00		0.00		0.00
	9		0.00		0.00		-9.62		0.00		0.00		0.00
	Dyn Y		0.00		0.00		4.35		0.00		0.00		0.00
136	1		0.00		0.00		17.47		0.00		0.00		0.00
	3		0.00		0.00		14.53		0.00		0.00		0.00
	4		0.00		0.00		5.26		0.00		0.00		0.00

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	6	0.00	0.00	-6.84	0.00	0.00	0.00
	7	0.00	0.00	-7.77	0.00	0.00	0.00
	8	0.00	0.00	-0.50	0.00	0.00	0.00
	9	0.00	0.00	-9.62	0.00	0.00	0.00
	Dyn Y	0.00	0.00	4.35	0.00	0.00	0.00

137	1	0.00	0.00	17.47	0.00	0.00	0.00
	3	0.00	0.00	14.56	0.00	0.00	0.00
	4	0.00	0.00	5.27	0.00	0.00	0.00
	6	0.00	0.00	-6.84	0.00	0.00	0.00
	7	0.00	0.00	-7.78	0.00	0.00	0.00
	8	0.00	0.00	-0.50	0.00	0.00	0.00
	9	0.00	0.00	-9.62	0.00	0.00	0.00
	Dyn Y	0.00	0.00	4.35	0.00	0.00	0.00

138	1	0.00	0.00	17.47	0.00	0.00	0.00
	3	0.00	0.00	14.53	0.00	0.00	0.00
	4	0.00	0.00	5.26	0.00	0.00	0.00
	6	0.00	0.00	-6.84	0.00	0.00	0.00
	7	0.00	0.00	-7.77	0.00	0.00	0.00
	8	0.00	0.00	-0.50	0.00	0.00	0.00
	9	0.00	0.00	-9.62	0.00	0.00	0.00
	Dyn Y	0.00	0.00	4.35	0.00	0.00	0.00

139	1	0.00	0.00	17.45	0.00	0.00	0.00
	3	0.00	0.00	14.44	0.00	0.00	0.00
	4	0.00	0.00	5.23	0.00	0.00	0.00
	6	0.00	0.00	-6.84	0.00	0.00	0.00
	7	0.00	0.00	-7.74	0.00	0.00	0.00
	8	0.00	0.00	-0.50	0.00	0.00	0.00
	9	0.00	0.00	-9.62	0.00	0.00	0.00
	Dyn Y	0.00	0.00	4.35	0.00	0.00	0.00

140	1	0.00	0.00	17.43	0.00	0.00	0.00
	3	0.00	0.00	14.30	0.00	0.00	0.00
	4	0.00	0.00	5.18	0.00	0.00	0.00
	6	0.00	0.00	-6.84	0.00	0.00	0.00
	7	0.00	0.00	-7.69	0.00	0.00	0.00
	8	0.00	0.00	-0.50	0.00	0.00	0.00
	9	0.00	0.00	-9.63	0.00	0.00	0.00
	Dyn Y	0.00	0.00	4.35	0.00	0.00	0.00

141	1	0.00	0.00	17.39	0.00	0.00	0.00
	3	0.00	0.00	14.10	0.00	0.00	0.00
	4	0.00	0.00	5.11	0.00	0.00	0.00
	6	0.00	0.00	-6.84	0.00	0.00	0.00
	7	0.00	0.00	-7.63	0.00	0.00	0.00
	8	0.00	0.00	-0.50	0.00	0.00	0.00
	9	0.00	0.00	-9.64	0.00	0.00	0.00
	Dyn Y	0.00	0.00	4.35	0.00	0.00	0.00

142	1	0.00	0.00	17.35	0.00	0.00	0.00
	3	0.00	0.00	13.84	0.00	0.00	0.00
	4	0.00	0.00	5.01	0.00	0.00	0.00
	6	0.00	0.00	-6.85	0.00	0.00	0.00
	7	0.00	0.00	-7.56	0.00	0.00	0.00
	8	0.00	0.00	-0.50	0.00	0.00	0.00
	9	0.00	0.00	-9.66	0.00	0.00	0.00
	Dyn Y	0.00	0.00	4.36	0.00	0.00	0.00

143	1	0.00	0.00	17.30	0.00	0.00	0.00
	3	0.00	0.00	13.52	0.00	0.00	0.00
	4	0.00	0.00	4.90	0.00	0.00	0.00
	6	0.00	0.00	-6.86	0.00	0.00	0.00
	7	0.00	0.00	-7.47	0.00	0.00	0.00
	8	0.00	0.00	-0.50	0.00	0.00	0.00
	9	0.00	0.00	-9.69	0.00	0.00	0.00
	Dyn Y	0.00	0.00	4.37	0.00	0.00	0.00

144	1	0.00	0.00	17.24	0.00	0.00	0.00

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		3	0.00	0.00	13.15	0.00	0.00	0.00
		4	0.00	0.00	4.76	0.00	0.00	0.00
		6	0.00	0.00	-6.87	0.00	0.00	0.00
		7	0.00	0.00	-7.39	0.00	0.00	0.00
		8	0.00	0.00	-0.50	0.00	0.00	0.00
		9	0.00	0.00	-9.72	0.00	0.00	0.00
		Dyn Y	0.00	0.00	4.38	0.00	0.00	0.00

Nodo	cond		F (X)	F (Y)	F (Z)	M (X)	M (Y)	M (Z)

145	1		0.00	0.00	17.17	0.00	0.00	0.00
	3		0.00	0.00	12.73	0.00	0.00	0.00
	4		0.00	0.00	4.61	0.00	0.00	0.00
	6		0.00	0.00	-6.89	0.00	0.00	0.00
	7		0.00	0.00	-7.32	0.00	0.00	0.00
	8		0.00	0.00	-0.51	0.00	0.00	0.00
	9		0.00	0.00	-9.77	0.00	0.00	0.00
	Dyn Y		0.00	0.00	4.39	0.00	0.00	0.00

146	1		0.00	0.00	17.09	0.00	0.00	0.00
	3		0.00	0.00	12.27	0.00	0.00	0.00
	4		0.00	0.00	4.45	0.00	0.00	0.00
	6		0.00	0.00	-6.92	0.00	0.00	0.00
	7		0.00	0.00	-7.27	0.00	0.00	0.00
	8		0.00	0.00	-0.51	0.00	0.00	0.00
	9		0.00	0.00	-9.83	0.00	0.00	0.00
	Dyn Y		0.00	0.00	4.41	0.00	0.00	0.00

147	1		0.00	0.00	17.01	0.00	0.00	0.00
	3		0.00	0.00	11.78	0.00	0.00	0.00
	4		0.00	0.00	4.27	0.00	0.00	0.00
	6		0.00	0.00	-6.97	0.00	0.00	0.00
	7		0.00	0.00	-7.24	0.00	0.00	0.00
	8		0.00	0.00	-0.51	0.00	0.00	0.00
	9		0.00	0.00	-9.90	0.00	0.00	0.00
	Dyn Y		0.00	0.00	4.44	0.00	0.00	0.00

148	1		0.00	0.00	16.93	0.00	0.00	0.00
	3		0.00	0.00	11.28	0.00	0.00	0.00
	4		0.00	0.00	4.09	0.00	0.00	0.00
	6		0.00	0.00	-7.02	0.00	0.00	0.00
	7		0.00	0.00	-7.23	0.00	0.00	0.00
	8		0.00	0.00	-0.52	0.00	0.00	0.00
	9		0.00	0.00	-9.99	0.00	0.00	0.00
	Dyn Y		0.00	0.00	4.48	0.00	0.00	0.00

149	1		0.00	0.00	8.42	0.00	0.00	0.00
	3		0.00	0.00	5.39	0.00	0.00	0.00
	4		0.00	0.00	1.95	0.00	0.00	0.00
	6		0.00	0.00	-3.55	0.00	0.00	0.00
	7		0.00	0.00	-3.62	0.00	0.00	0.00
	8		0.00	0.00	-0.26	0.00	0.00	0.00
	9		0.00	0.00	-5.06	0.00	0.00	0.00
	Dyn Y		0.00	0.00	2.26	0.00	0.00	0.00

150	1		0.00	0.00	8.80	0.00	0.00	0.00
	3		0.00	0.00	2.91	0.00	0.00	0.00
	4		0.00	0.00	1.05	0.00	0.00	0.00
	6		0.00	0.00	-9.15	0.00	0.00	0.00
	7		0.00	0.00	-9.51	0.00	0.00	0.00
	8		0.00	0.00	-0.67	0.00	0.00	0.00
	9		0.00	0.00	-13.00	0.00	0.00	0.00
	Dyn Y		0.00	0.00	5.83	0.00	0.00	0.00

151	1		0.00	0.00	17.70	0.00	0.00	0.00
	3		0.00	0.00	6.39	0.00	0.00	0.00
	4		0.00	0.00	2.32	0.00	0.00	0.00
	6		0.00	0.00	-18.22	0.00	0.00	0.00
	7		0.00	0.00	-19.04	0.00	0.00	0.00
	8		0.00	0.00	-1.34	0.00	0.00	0.00

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	9	0.00	0.00	-25.87	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.61	0.00	0.00	0.00

152	1	0.00	0.00	17.80	0.00	0.00	0.00
	3	0.00	0.00	6.97	0.00	0.00	0.00
	4	0.00	0.00	2.53	0.00	0.00	0.00
	6	0.00	0.00	-18.16	0.00	0.00	0.00
	7	0.00	0.00	-19.10	0.00	0.00	0.00
	8	0.00	0.00	-1.34	0.00	0.00	0.00
	9	0.00	0.00	-25.76	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.57	0.00	0.00	0.00

153	1	0.00	0.00	17.89	0.00	0.00	0.00
	3	0.00	0.00	7.54	0.00	0.00	0.00
	4	0.00	0.00	2.73	0.00	0.00	0.00
	6	0.00	0.00	-18.11	0.00	0.00	0.00
	7	0.00	0.00	-19.19	0.00	0.00	0.00
	8	0.00	0.00	-1.33	0.00	0.00	0.00
	9	0.00	0.00	-25.68	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.54	0.00	0.00	0.00

154	1	0.00	0.00	17.98	0.00	0.00	0.00
	3	0.00	0.00	8.06	0.00	0.00	0.00
	4	0.00	0.00	2.92	0.00	0.00	0.00
	6	0.00	0.00	-18.09	0.00	0.00	0.00
	7	0.00	0.00	-19.32	0.00	0.00	0.00
	8	0.00	0.00	-1.33	0.00	0.00	0.00
	9	0.00	0.00	-25.61	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.52	0.00	0.00	0.00

155	1	0.00	0.00	18.06	0.00	0.00	0.00
	3	0.00	0.00	8.55	0.00	0.00	0.00
	4	0.00	0.00	3.10	0.00	0.00	0.00
	6	0.00	0.00	-18.07	0.00	0.00	0.00
	7	0.00	0.00	-19.48	0.00	0.00	0.00
	8	0.00	0.00	-1.33	0.00	0.00	0.00
	9	0.00	0.00	-25.56	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.51	0.00	0.00	0.00

156	1	0.00	0.00	18.13	0.00	0.00	0.00
	3	0.00	0.00	8.98	0.00	0.00	0.00
	4	0.00	0.00	3.25	0.00	0.00	0.00
	6	0.00	0.00	-18.06	0.00	0.00	0.00
	7	0.00	0.00	-19.66	0.00	0.00	0.00
	8	0.00	0.00	-1.32	0.00	0.00	0.00
	9	0.00	0.00	-25.52	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.50	0.00	0.00	0.00

157	1	0.00	0.00	18.19	0.00	0.00	0.00
	3	0.00	0.00	9.34	0.00	0.00	0.00
	4	0.00	0.00	3.38	0.00	0.00	0.00
	6	0.00	0.00	-18.06	0.00	0.00	0.00
	7	0.00	0.00	-19.83	0.00	0.00	0.00
	8	0.00	0.00	-1.32	0.00	0.00	0.00
	9	0.00	0.00	-25.49	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.50	0.00	0.00	0.00

158	1	0.00	0.00	18.24	0.00	0.00	0.00
	3	0.00	0.00	9.64	0.00	0.00	0.00
	4	0.00	0.00	3.49	0.00	0.00	0.00
	6	0.00	0.00	-18.07	0.00	0.00	0.00
	7	0.00	0.00	-20.00	0.00	0.00	0.00
	8	0.00	0.00	-1.32	0.00	0.00	0.00
	9	0.00	0.00	-25.48	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.50	0.00	0.00	0.00

159	1	0.00	0.00	18.28	0.00	0.00	0.00
	3	0.00	0.00	9.88	0.00	0.00	0.00
	4	0.00	0.00	3.58	0.00	0.00	0.00
	6	0.00	0.00	-18.07	0.00	0.00	0.00

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		7	0.00	0.00	-20.13	0.00	0.00	0.00
		8	0.00	0.00	-1.32	0.00	0.00	0.00
		9	0.00	0.00	-25.46	0.00	0.00	0.00
		Dyn Y	0.00	0.00	11.50	0.00	0.00	0.00
Nodo	cond		F (X)	F (Y)	F (Z)	M (X)	M (Y)	M (Z)
160	1		0.00	0.00	18.31	0.00	0.00	0.00
	3		0.00	0.00	10.04	0.00	0.00	0.00
	4		0.00	0.00	3.64	0.00	0.00	0.00
	6		0.00	0.00	-18.08	0.00	0.00	0.00
	7		0.00	0.00	-20.24	0.00	0.00	0.00
	8		0.00	0.00	-1.32	0.00	0.00	0.00
	9		0.00	0.00	-25.46	0.00	0.00	0.00
	Dyn Y		0.00	0.00	11.50	0.00	0.00	0.00
161	1		0.00	0.00	18.32	0.00	0.00	0.00
	3		0.00	0.00	10.14	0.00	0.00	0.00
	4		0.00	0.00	3.67	0.00	0.00	0.00
	6		0.00	0.00	-18.08	0.00	0.00	0.00
	7		0.00	0.00	-20.30	0.00	0.00	0.00
	8		0.00	0.00	-1.32	0.00	0.00	0.00
	9		0.00	0.00	-25.45	0.00	0.00	0.00
	Dyn Y		0.00	0.00	11.50	0.00	0.00	0.00
162	1		0.00	0.00	18.33	0.00	0.00	0.00
	3		0.00	0.00	10.18	0.00	0.00	0.00
	4		0.00	0.00	3.69	0.00	0.00	0.00
	6		0.00	0.00	-18.08	0.00	0.00	0.00
	7		0.00	0.00	-20.32	0.00	0.00	0.00
	8		0.00	0.00	-1.32	0.00	0.00	0.00
	9		0.00	0.00	-25.45	0.00	0.00	0.00
	Dyn Y		0.00	0.00	11.50	0.00	0.00	0.00
163	1		0.00	0.00	18.32	0.00	0.00	0.00
	3		0.00	0.00	10.14	0.00	0.00	0.00
	4		0.00	0.00	3.67	0.00	0.00	0.00
	6		0.00	0.00	-18.08	0.00	0.00	0.00
	7		0.00	0.00	-20.30	0.00	0.00	0.00
	8		0.00	0.00	-1.32	0.00	0.00	0.00
	9		0.00	0.00	-25.45	0.00	0.00	0.00
	Dyn Y		0.00	0.00	11.50	0.00	0.00	0.00
164	1		0.00	0.00	18.31	0.00	0.00	0.00
	3		0.00	0.00	10.04	0.00	0.00	0.00
	4		0.00	0.00	3.64	0.00	0.00	0.00
	6		0.00	0.00	-18.08	0.00	0.00	0.00
	7		0.00	0.00	-20.24	0.00	0.00	0.00
	8		0.00	0.00	-1.32	0.00	0.00	0.00
	9		0.00	0.00	-25.46	0.00	0.00	0.00
	Dyn Y		0.00	0.00	11.50	0.00	0.00	0.00
165	1		0.00	0.00	18.28	0.00	0.00	0.00
	3		0.00	0.00	9.88	0.00	0.00	0.00
	4		0.00	0.00	3.58	0.00	0.00	0.00
	6		0.00	0.00	-18.07	0.00	0.00	0.00
	7		0.00	0.00	-20.13	0.00	0.00	0.00
	8		0.00	0.00	-1.32	0.00	0.00	0.00
	9		0.00	0.00	-25.46	0.00	0.00	0.00
	Dyn Y		0.00	0.00	11.50	0.00	0.00	0.00
166	1		0.00	0.00	18.24	0.00	0.00	0.00
	3		0.00	0.00	9.64	0.00	0.00	0.00
	4		0.00	0.00	3.49	0.00	0.00	0.00
	6		0.00	0.00	-18.07	0.00	0.00	0.00
	7		0.00	0.00	-20.00	0.00	0.00	0.00
	8		0.00	0.00	-1.32	0.00	0.00	0.00
	9		0.00	0.00	-25.48	0.00	0.00	0.00
	Dyn Y		0.00	0.00	11.50	0.00	0.00	0.00

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167	1	0.00	0.00	18.19	0.00	0.00	0.00
	3	0.00	0.00	9.34	0.00	0.00	0.00
	4	0.00	0.00	3.38	0.00	0.00	0.00
	6	0.00	0.00	-18.06	0.00	0.00	0.00
	7	0.00	0.00	-19.83	0.00	0.00	0.00
	8	0.00	0.00	-1.32	0.00	0.00	0.00
	9	0.00	0.00	-25.49	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.50	0.00	0.00	0.00

168	1	0.00	0.00	18.13	0.00	0.00	0.00
	3	0.00	0.00	8.98	0.00	0.00	0.00
	4	0.00	0.00	3.25	0.00	0.00	0.00
	6	0.00	0.00	-18.06	0.00	0.00	0.00
	7	0.00	0.00	-19.66	0.00	0.00	0.00
	8	0.00	0.00	-1.32	0.00	0.00	0.00
	9	0.00	0.00	-25.52	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.50	0.00	0.00	0.00

169	1	0.00	0.00	18.06	0.00	0.00	0.00
	3	0.00	0.00	8.55	0.00	0.00	0.00
	4	0.00	0.00	3.10	0.00	0.00	0.00
	6	0.00	0.00	-18.07	0.00	0.00	0.00
	7	0.00	0.00	-19.48	0.00	0.00	0.00
	8	0.00	0.00	-1.33	0.00	0.00	0.00
	9	0.00	0.00	-25.56	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.51	0.00	0.00	0.00

170	1	0.00	0.00	17.98	0.00	0.00	0.00
	3	0.00	0.00	8.06	0.00	0.00	0.00
	4	0.00	0.00	2.92	0.00	0.00	0.00
	6	0.00	0.00	-18.09	0.00	0.00	0.00
	7	0.00	0.00	-19.32	0.00	0.00	0.00
	8	0.00	0.00	-1.33	0.00	0.00	0.00
	9	0.00	0.00	-25.61	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.52	0.00	0.00	0.00

171	1	0.00	0.00	17.89	0.00	0.00	0.00
	3	0.00	0.00	7.54	0.00	0.00	0.00
	4	0.00	0.00	2.73	0.00	0.00	0.00
	6	0.00	0.00	-18.11	0.00	0.00	0.00
	7	0.00	0.00	-19.19	0.00	0.00	0.00
	8	0.00	0.00	-1.33	0.00	0.00	0.00
	9	0.00	0.00	-25.68	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.54	0.00	0.00	0.00

172	1	0.00	0.00	17.80	0.00	0.00	0.00
	3	0.00	0.00	6.97	0.00	0.00	0.00
	4	0.00	0.00	2.53	0.00	0.00	0.00
	6	0.00	0.00	-18.16	0.00	0.00	0.00
	7	0.00	0.00	-19.10	0.00	0.00	0.00
	8	0.00	0.00	-1.34	0.00	0.00	0.00
	9	0.00	0.00	-25.76	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.57	0.00	0.00	0.00

173	1	0.00	0.00	17.70	0.00	0.00	0.00
	3	0.00	0.00	6.39	0.00	0.00	0.00
	4	0.00	0.00	2.32	0.00	0.00	0.00
	6	0.00	0.00	-18.22	0.00	0.00	0.00
	7	0.00	0.00	-19.04	0.00	0.00	0.00
	8	0.00	0.00	-1.34	0.00	0.00	0.00
	9	0.00	0.00	-25.87	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.61	0.00	0.00	0.00

174	1	0.00	0.00	8.80	0.00	0.00	0.00
	3	0.00	0.00	2.91	0.00	0.00	0.00
	4	0.00	0.00	1.05	0.00	0.00	0.00
	6	0.00	0.00	-9.15	0.00	0.00	0.00
	7	0.00	0.00	-9.51	0.00	0.00	0.00
	8	0.00	0.00	-0.67	0.00	0.00	0.00
	9	0.00	0.00	-13.00	0.00	0.00	0.00

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Dyn Y		0.00	0.00	5.83	0.00	0.00	0.00
Nodo	cond	F (X)	F (Y)	F (Z)	M (X)	M (Y)	M (Z)
175	1	0.00	0.00	4.07	0.00	0.00	0.00
	3	0.00	0.00	-1.21	0.00	0.00	0.00
	4	0.00	0.00	-0.44	0.00	0.00	0.00
	6	0.00	0.00	-9.32	0.00	0.00	0.00
	7	0.00	0.00	-9.77	0.00	0.00	0.00
	8	0.00	0.00	-0.69	0.00	0.00	0.00
	9	0.00	0.00	-13.23	0.00	0.00	0.00
Dyn Y		0.00	0.00	5.94	0.00	0.00	0.00
176	1	0.00	0.00	8.20	0.00	0.00	0.00
	3	0.00	0.00	-2.09	0.00	0.00	0.00
	4	0.00	0.00	-0.76	0.00	0.00	0.00
	6	0.00	0.00	-18.60	0.00	0.00	0.00
	7	0.00	0.00	-19.58	0.00	0.00	0.00
	8	0.00	0.00	-1.37	0.00	0.00	0.00
	9	0.00	0.00	-26.39	0.00	0.00	0.00
Dyn Y		0.00	0.00	11.85	0.00	0.00	0.00
177	1	0.00	0.00	8.25	0.00	0.00	0.00
	3	0.00	0.00	-1.77	0.00	0.00	0.00
	4	0.00	0.00	-0.64	0.00	0.00	0.00
	6	0.00	0.00	-18.57	0.00	0.00	0.00
	7	0.00	0.00	-19.65	0.00	0.00	0.00
	8	0.00	0.00	-1.37	0.00	0.00	0.00
	9	0.00	0.00	-26.33	0.00	0.00	0.00
Dyn Y		0.00	0.00	11.83	0.00	0.00	0.00
178	1	0.00	0.00	8.31	0.00	0.00	0.00
	3	0.00	0.00	-1.45	0.00	0.00	0.00
	4	0.00	0.00	-0.53	0.00	0.00	0.00
	6	0.00	0.00	-18.55	0.00	0.00	0.00
	7	0.00	0.00	-19.74	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.28	0.00	0.00	0.00
Dyn Y		0.00	0.00	11.82	0.00	0.00	0.00
179	1	0.00	0.00	8.36	0.00	0.00	0.00
	3	0.00	0.00	-1.16	0.00	0.00	0.00
	4	0.00	0.00	-0.42	0.00	0.00	0.00
	6	0.00	0.00	-18.54	0.00	0.00	0.00
	7	0.00	0.00	-19.86	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.25	0.00	0.00	0.00
Dyn Y		0.00	0.00	11.81	0.00	0.00	0.00
180	1	0.00	0.00	8.40	0.00	0.00	0.00
	3	0.00	0.00	-0.89	0.00	0.00	0.00
	4	0.00	0.00	-0.32	0.00	0.00	0.00
	6	0.00	0.00	-18.54	0.00	0.00	0.00
	7	0.00	0.00	-20.01	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.22	0.00	0.00	0.00
Dyn Y		0.00	0.00	11.80	0.00	0.00	0.00
181	1	0.00	0.00	8.44	0.00	0.00	0.00
	3	0.00	0.00	-0.65	0.00	0.00	0.00
	4	0.00	0.00	-0.24	0.00	0.00	0.00
	6	0.00	0.00	-18.54	0.00	0.00	0.00
	7	0.00	0.00	-20.17	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.20	0.00	0.00	0.00
Dyn Y		0.00	0.00	11.80	0.00	0.00	0.00
182	1	0.00	0.00	8.47	0.00	0.00	0.00
	3	0.00	0.00	-0.45	0.00	0.00	0.00
	4	0.00	0.00	-0.16	0.00	0.00	0.00

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	6	0.00	0.00	-18.55	0.00	0.00	0.00
	7	0.00	0.00	-20.33	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.19	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.81	0.00	0.00	0.00

183	1	0.00	0.00	8.50	0.00	0.00	0.00
	3	0.00	0.00	-0.28	0.00	0.00	0.00
	4	0.00	0.00	-0.10	0.00	0.00	0.00
	6	0.00	0.00	-18.56	0.00	0.00	0.00
	7	0.00	0.00	-20.47	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.18	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.81	0.00	0.00	0.00

184	1	0.00	0.00	8.52	0.00	0.00	0.00
	3	0.00	0.00	-0.15	0.00	0.00	0.00
	4	0.00	0.00	-0.05	0.00	0.00	0.00
	6	0.00	0.00	-18.57	0.00	0.00	0.00
	7	0.00	0.00	-20.60	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.18	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.82	0.00	0.00	0.00

185	1	0.00	0.00	8.54	0.00	0.00	0.00
	3	0.00	0.00	-0.06	0.00	0.00	0.00
	4	0.00	0.00	-0.02	0.00	0.00	0.00
	6	0.00	0.00	-18.58	0.00	0.00	0.00
	7	0.00	0.00	-20.69	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.17	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.82	0.00	0.00	0.00

186	1	0.00	0.00	8.55	0.00	0.00	0.00
	3	0.00	0.00	-0.00	0.00	0.00	0.00
	4	0.00	0.00	-0.00	0.00	0.00	0.00
	6	0.00	0.00	-18.58	0.00	0.00	0.00
	7	0.00	0.00	-20.75	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.17	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.82	0.00	0.00	0.00

187	1	0.00	0.00	8.55	0.00	0.00	0.00
	3	0.00	0.00	0.02	0.00	0.00	0.00
	4	0.00	0.00	0.01	0.00	0.00	0.00
	6	0.00	0.00	-18.58	0.00	0.00	0.00
	7	0.00	0.00	-20.77	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.17	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.82	0.00	0.00	0.00

188	1	0.00	0.00	8.55	0.00	0.00	0.00
	3	0.00	0.00	-0.00	0.00	0.00	0.00
	4	0.00	0.00	-0.00	0.00	0.00	0.00
	6	0.00	0.00	-18.58	0.00	0.00	0.00
	7	0.00	0.00	-20.75	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.17	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.82	0.00	0.00	0.00

189	1	0.00	0.00	8.54	0.00	0.00	0.00
	3	0.00	0.00	-0.06	0.00	0.00	0.00
	4	0.00	0.00	-0.02	0.00	0.00	0.00
	6	0.00	0.00	-18.58	0.00	0.00	0.00
	7	0.00	0.00	-20.69	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.17	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.82	0.00	0.00	0.00

Nodo	cond	F (X)	F (Y)	F (Z)	M (X)	M (Y)	M (Z)

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190	1	0.00	0.00	8.52	0.00	0.00	0.00
	3	0.00	0.00	-0.15	0.00	0.00	0.00
	4	0.00	0.00	-0.05	0.00	0.00	0.00
	6	0.00	0.00	-18.57	0.00	0.00	0.00
	7	0.00	0.00	-20.60	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.18	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.82	0.00	0.00	0.00
191	1	0.00	0.00	8.50	0.00	0.00	0.00
	3	0.00	0.00	-0.28	0.00	0.00	0.00
	4	0.00	0.00	-0.10	0.00	0.00	0.00
	6	0.00	0.00	-18.56	0.00	0.00	0.00
	7	0.00	0.00	-20.47	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.18	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.81	0.00	0.00	0.00
192	1	0.00	0.00	8.47	0.00	0.00	0.00
	3	0.00	0.00	-0.45	0.00	0.00	0.00
	4	0.00	0.00	-0.16	0.00	0.00	0.00
	6	0.00	0.00	-18.55	0.00	0.00	0.00
	7	0.00	0.00	-20.33	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.19	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.81	0.00	0.00	0.00
193	1	0.00	0.00	8.44	0.00	0.00	0.00
	3	0.00	0.00	-0.65	0.00	0.00	0.00
	4	0.00	0.00	-0.24	0.00	0.00	0.00
	6	0.00	0.00	-18.54	0.00	0.00	0.00
	7	0.00	0.00	-20.17	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.20	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.80	0.00	0.00	0.00
194	1	0.00	0.00	8.40	0.00	0.00	0.00
	3	0.00	0.00	-0.89	0.00	0.00	0.00
	4	0.00	0.00	-0.32	0.00	0.00	0.00
	6	0.00	0.00	-18.54	0.00	0.00	0.00
	7	0.00	0.00	-20.01	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.22	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.80	0.00	0.00	0.00
195	1	0.00	0.00	8.36	0.00	0.00	0.00
	3	0.00	0.00	-1.16	0.00	0.00	0.00
	4	0.00	0.00	-0.42	0.00	0.00	0.00
	6	0.00	0.00	-18.54	0.00	0.00	0.00
	7	0.00	0.00	-19.86	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.25	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.81	0.00	0.00	0.00
196	1	0.00	0.00	8.31	0.00	0.00	0.00
	3	0.00	0.00	-1.45	0.00	0.00	0.00
	4	0.00	0.00	-0.53	0.00	0.00	0.00
	6	0.00	0.00	-18.55	0.00	0.00	0.00
	7	0.00	0.00	-19.74	0.00	0.00	0.00
	8	0.00	0.00	-1.36	0.00	0.00	0.00
	9	0.00	0.00	-26.28	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.82	0.00	0.00	0.00
197	1	0.00	0.00	8.25	0.00	0.00	0.00
	3	0.00	0.00	-1.77	0.00	0.00	0.00
	4	0.00	0.00	-0.64	0.00	0.00	0.00
	6	0.00	0.00	-18.57	0.00	0.00	0.00
	7	0.00	0.00	-19.65	0.00	0.00	0.00
	8	0.00	0.00	-1.37	0.00	0.00	0.00

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	9	0.00	0.00	-26.33	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.83	0.00	0.00	0.00

198	1	0.00	0.00	8.20	0.00	0.00	0.00
	3	0.00	0.00	-2.09	0.00	0.00	0.00
	4	0.00	0.00	-0.76	0.00	0.00	0.00
	6	0.00	0.00	-18.60	0.00	0.00	0.00
	7	0.00	0.00	-19.58	0.00	0.00	0.00
	8	0.00	0.00	-1.37	0.00	0.00	0.00
	9	0.00	0.00	-26.39	0.00	0.00	0.00
	Dyn Y	0.00	0.00	11.85	0.00	0.00	0.00

199	1	0.00	0.00	4.07	0.00	0.00	0.00
	3	0.00	0.00	-1.21	0.00	0.00	0.00
	4	0.00	0.00	-0.44	0.00	0.00	0.00
	6	0.00	0.00	-9.32	0.00	0.00	0.00
	7	0.00	0.00	-9.77	0.00	0.00	0.00
	8	0.00	0.00	-0.69	0.00	0.00	0.00
	9	0.00	0.00	-13.23	0.00	0.00	0.00
	Dyn Y	0.00	0.00	5.94	0.00	0.00	0.00

----- Spostamenti nodali per le condizioni indipendenti e sismiche -----
 Spostamenti e rotazioni ottenute dall'analisi. Unita': cm e cm/rad
 Le condizioni con spostamenti tutti nulli non vengono stampati.
 Dyn X: condizione per il sisma dinamico nella direzione X1
 Dyn Y: condizione per il sisma dinamico nella direzione Y1

Nodo	cond	U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)
1	1	9.1e-05	-0.053058	-0.070577	0.000111	1.11e-05	-3.96e-07
	3	0.000552	-0.14613	-0.080173	0.000305	6.77e-05	-2.4e-06
	4	0.0002	-0.052934	-0.029042	0.000111	2.45e-05	-8.68e-07
	6	4.42e-05	-0.42471	-0.031479	0.001191	1.75e-06	-0.000116
	7	9.51e-05	-0.31582	-0.033247	0.000914	3.14e-06	-0.000408
	8	2.82e-06	-0.029323	-0.002316	7.65e-05	1.16e-07	-2.04e-06
	9	5.45e-05	-0.5633	-0.044649	0.001464	2.24e-06	-4.2e-05
	Dyn Y	2.76e-05	0.26755	0.020058	0.000735	1.09e-06	5.55e-05
2	1	-0.000404	-0.029265	-0.070021	0.000111	-1.68e-06	-2.01e-07
	3	-0.002482	-0.080513	-0.077781	0.000305	-1.01e-05	-1.22e-06
	4	-0.000899	-0.029165	-0.028175	0.000111	-3.67e-06	-4.4e-07
	6	0.000148	-0.18442	-0.031453	0.000926	-8.74e-07	-5.89e-05
	7	0.000174	-0.14539	-0.033211	0.000663	-1.17e-06	-0.000207
	8	1.06e-05	-0.013649	-0.002314	6.38e-05	-6.13e-08	-1.03e-06
	9	0.000204	-0.26272	-0.044613	0.001225	-1.18e-06	-2.13e-05
	Dyn Y	9.44e-05	0.11822	0.020041	0.000584	5.49e-07	2.82e-05
3	1	8.26e-05	-0.053108	-0.071806	0.000111	5.72e-06	-3.89e-07
	3	0.0005	-0.14643	-0.087638	0.000306	3.47e-05	-2.36e-06
	4	0.000181	-0.053044	-0.031746	0.000111	1.26e-05	-8.54e-07
	6	4.1e-05	-0.43909	-0.031866	0.001212	2.44e-06	-0.000104
	7	9.04e-05	-0.36715	-0.033916	0.000998	4.8e-06	-0.000411
	8	2.6e-06	-0.029574	-0.002342	7.69e-05	1.59e-07	-1.83e-06
	9	5.02e-05	-0.56849	-0.045148	0.001472	3.07e-06	-3.77e-05
	Dyn Y	2.56e-05	0.2745	0.020298	0.000745	1.51e-06	5.23e-05
4	1	-7.8e-05	-0.029305	-0.070962	0.000111	-1.16e-06	-1.97e-07
	3	-0.00048	-0.080753	-0.083478	0.000305	-6.98e-06	-1.2e-06
	4	-0.000174	-0.029252	-0.030239	0.000111	-2.53e-06	-4.33e-07
	6	4.1e-05	-0.19066	-0.031877	0.000962	-7.31e-07	-5.29e-05
	7	8.87e-05	-0.16759	-0.033914	0.00079	-1.42e-06	-0.000209
	8	2.56e-06	-0.013756	-0.002343	6.44e-05	-4.75e-08	-9.26e-07
	9	4.96e-05	-0.26494	-0.045164	0.001238	-9.18e-07	-1.91e-05
	Dyn Y	2.68e-05	0.12125	0.020305	0.000602	4.53e-07	2.65e-05
5	1	6.88e-05	-0.053156	-0.072393	0.000111	2.91e-06	-3.56e-07
	3	0.000417	-0.14672	-0.091185	0.000306	1.76e-05	-2.16e-06

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	4	0.000151	-0.053149	-0.033031	0.000111	6.37e-06	-7.82e-07	
	6	3.48e-05	-0.451	-0.032214	0.001239	1.89e-06	-8.27e-05	
	7	7.98e-05	-0.41926	-0.03472	0.001113	5.11e-06	-0.000403	
	8	2.18e-06	-0.029783	-0.002364	7.74e-05	1.13e-07	-1.45e-06	
	9	4.22e-05	-0.5728	-0.045567	0.001482	2.18e-06	-2.98e-05	
	Dyn Y	2.17e-05	0.28057	0.020512	0.000759	1.16e-06	4.37e-05	

6	1	5.16e-05	-0.029345	-0.071516	0.000111	-7.85e-07	-1.8e-07	
	3	0.000313	-0.080994	-0.086828	0.000306	-4.75e-06	-1.09e-06	
	4	0.000113	-0.029339	-0.031453	0.000111	-1.72e-06	-3.97e-07	
	6	2.72e-05	-0.19541	-0.03222	0.000991	-5.36e-07	-4.19e-05	
	7	8.82e-05	-0.18872	-0.034721	0.000914	-1.57e-06	-0.000204	
	8	1.5e-06	-0.013839	-0.002364	6.49e-05	-3.09e-08	-7.33e-07	
	9	2.9e-05	-0.26664	-0.045576	0.001248	-6e-07	-1.51e-05	
	Dyn Y	1.65e-05	0.12369	0.020516	0.000616	3.25e-07	2.22e-05	

7	1	5.16e-05	-0.053198	-0.072768	0.000111	2e-06	-2.88e-07	
	3	0.000312	-0.14698	-0.093458	0.000306	1.21e-05	-1.75e-06	
	4	0.000113	-0.053241	-0.033854	0.000111	4.39e-06	-6.33e-07	
	6	2.63e-05	-0.45987	-0.032457	0.001262	1.25e-06	-5.83e-05	
	7	6.28e-05	-0.46888	-0.035502	0.001226	4.5e-06	-0.000343	
	8	1.63e-06	-0.029938	-0.002377	7.78e-05	6.64e-08	-1.02e-06	
	9	3.16e-05	-0.576	-0.04583	0.00149	1.29e-06	-2.1e-05	
	Dyn Y	1.64e-05	0.28531	0.020658	0.000771	7.51e-07	3.24e-05	

8	1	4.56e-05	-0.029379	-0.071899	0.000111	-5.56e-07	-1.46e-07	
	3	0.000277	-0.081198	-0.089149	0.000306	-3.37e-06	-8.86e-07	
	4	0.0001	-0.029413	-0.032293	0.000111	-1.22e-06	-3.21e-07	
	6	2.29e-05	-0.19877	-0.032461	0.001012	-3.55e-07	-2.96e-05	
	7	7.85e-05	-0.22411	-0.03551	0.001012	-1.41e-06	-0.000174	
	8	1.26e-06	-0.013897	-0.002377	6.53e-05	-1.79e-08	-5.17e-07	
	9	2.45e-05	-0.26785	-0.045835	0.001256	-3.49e-07	-1.07e-05	
	Dyn Y	1.32e-05	0.12552	0.020661	0.000628	2.11e-07	1.64e-05	

9	1	3.19e-05	-0.053229	-0.073024	0.000111	1.24e-06	-1.87e-07	
	3	0.000193	-0.14716	-0.095009	0.000306	7.51e-06	-1.14e-06	
	4	7.01e-05	-0.053309	-0.034416	0.000111	2.72e-06	-4.12e-07	
	6	1.64e-05	-0.46564	-0.032608	0.001278	7.08e-07	-3.43e-05	
	7	4.02e-05	-0.50593	-0.036117	0.001316	3.05e-06	-0.000224	
	8	1.01e-06	-0.030039	-0.002385	7.81e-05	3.43e-08	-6e-07	
	9	1.95e-05	-0.57808	-0.045978	0.001496	6.68e-07	-1.24e-05	
	Dyn Y	1.02e-05	0.28854	0.020748	0.00078	4.21e-07	1.98e-05	

10	1	2.56e-05	-0.029402	-0.072158	0.000111	-3.35e-07	-9.48e-08	
	3	0.000155	-0.081342	-0.090716	0.000307	-2.03e-06	-5.77e-07	
	4	5.61e-05	-0.029465	-0.032861	0.000111	-7.36e-07	-2.09e-07	
	6	1.47e-05	-0.20089	-0.032611	0.001025	-2.01e-07	-1.74e-05	
	7	5.01e-05	-0.23882	-0.036131	0.001099	-9.61e-07	-0.000114	
	8	8.05e-07	-0.013934	-0.002385	6.55e-05	-9.04e-09	-3.04e-07	
	9	1.56e-05	-0.26861	-0.045981	0.001261	-1.77e-07	-6.28e-06	
	Dyn Y	8.95e-06	0.12673	0.02075	0.000635	1.18e-07	1e-05	

11	1	1.08e-05	-0.053245	-0.073154	0.000111	4.17e-07	-6.49e-08	
	3	6.55e-05	-0.14727	-0.095798	0.000306	2.53e-06	-3.95e-07	
	4	2.37e-05	-0.053345	-0.034702	0.000111	9.17e-07	-1.43e-07	
	6	5.55e-06	-0.46847	-0.032681	0.001287	2.3e-07	-1.13e-05	
	7	1.39e-05	-0.52548	-0.036451	0.001365	1.07e-06	-7.75e-05	
	8	3.4e-07	-0.030088	-0.002388	7.82e-05	1.06e-08	-1.97e-07	
	9	6.58e-06	-0.5791	-0.046044	0.001499	2.06e-07	-4.07e-06	
	Dyn Y	3.46e-06	0.29016	0.020791	0.000784	1.36e-07	6.65e-06	

12	1	8.28e-06	-0.029414	-0.072288	0.000111	-1.11e-07	-3.29e-08	
	3	5.02e-05	-0.081417	-0.091504	0.000307	-6.76e-07	-2e-07	
	4	1.82e-05	-0.029492	-0.033146	0.000111	-2.45e-07	-7.25e-08	
	6	4.95e-06	-0.20191	-0.032684	0.001032	-6.48e-08	-5.72e-06	
	7	1.7e-05	-0.24649	-0.036467	0.001145	-3.37e-07	-3.93e-05	
	8	2.7e-07	-0.013952	-0.002388	6.56e-05	-2.72e-09	-1e-07	
	9	5.24e-06	-0.26898	-0.046046	0.001263	-5.34e-08	-2.06e-06	
	Dyn Y	2.9e-06	0.12734	0.020793	0.000639	3.79e-08	3.37e-06	

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13	1	-1.08e-05	-0.053245	-0.073154	0.000111	-4.17e-07	6.49e-08	
	3	-6.55e-05	-0.14727	-0.095798	0.000306	-2.53e-06	3.95e-07	
	4	-2.37e-05	-0.053345	-0.034702	0.000111	-9.17e-07	1.43e-07	
	6	-5.55e-06	-0.46847	-0.032681	0.001287	-2.3e-07	1.13e-05	
	7	-1.39e-05	-0.52548	-0.036451	0.001365	-1.07e-06	7.75e-05	
	8	-3.4e-07	-0.030088	-0.002388	7.82e-05	-1.06e-08	1.97e-07	
	9	-6.58e-06	-0.5791	-0.046044	0.001499	-2.06e-07	4.07e-06	
	Dyn Y	3.45e-06	0.29016	0.020791	0.000784	1.36e-07	6.66e-06	

14	1	-8.28e-06	-0.029414	-0.072288	0.000111	1.11e-07	3.29e-08	
	3	-5.02e-05	-0.081417	-0.091504	0.000307	6.76e-07	2e-07	
	4	-1.82e-05	-0.029492	-0.033146	0.000111	2.45e-07	7.25e-08	
	6	-4.95e-06	-0.20191	-0.032684	0.001032	6.48e-08	5.72e-06	
	7	-1.7e-05	-0.24649	-0.036467	0.001145	3.37e-07	3.93e-05	
	8	-2.7e-07	-0.013952	-0.002388	6.56e-05	2.72e-09	1e-07	
	9	-5.24e-06	-0.26898	-0.046046	0.001263	5.34e-08	2.06e-06	
	Dyn Y	3.3e-06	0.12734	0.020793	0.000639	3.8e-08	3.37e-06	

15	1	-3.19e-05	-0.053229	-0.073024	0.000111	-1.24e-06	1.87e-07	
	3	-0.000193	-0.14716	-0.095009	0.000306	-7.51e-06	1.14e-06	
	4	-7.01e-05	-0.053309	-0.034416	0.000111	-2.72e-06	4.12e-07	
	6	-1.64e-05	-0.46564	-0.032608	0.001278	-7.08e-07	3.43e-05	
	7	-4.02e-05	-0.50593	-0.036117	0.001316	-3.05e-06	0.000224	
	8	-1.01e-06	-0.030039	-0.002385	7.81e-05	-3.43e-08	6e-07	
	9	-1.95e-05	-0.57808	-0.045978	0.001496	-6.68e-07	1.24e-05	
	Dyn Y	1.02e-05	0.28854	0.020748	0.00078	4.22e-07	1.98e-05	

Nodo	cond	U(X)	U(Y)	U(Z)	R(X)	R(Y)	R(Z)	

16	1	-2.56e-05	-0.029402	-0.072158	0.000111	3.35e-07	9.48e-08	
	3	-0.000155	-0.081342	-0.090716	0.000307	2.03e-06	5.77e-07	
	4	-5.61e-05	-0.029465	-0.032861	0.000111	7.36e-07	2.09e-07	
	6	-1.47e-05	-0.20089	-0.032611	0.001025	2.01e-07	1.74e-05	
	7	-5.01e-05	-0.23882	-0.036131	0.001099	9.61e-07	0.000114	
	8	-8.05e-07	-0.013934	-0.002385	6.55e-05	9.04e-09	3.04e-07	
	9	-1.56e-05	-0.26861	-0.045981	0.001261	1.77e-07	6.28e-06	
	Dyn Y	8.35e-06	0.12673	0.02075	0.000635	1.18e-07	1e-05	

17	1	-5.16e-05	-0.053198	-0.072768	0.000111	-2e-06	2.88e-07	
	3	-0.000312	-0.14698	-0.093458	0.000306	-1.21e-05	1.75e-06	
	4	-0.000113	-0.053241	-0.033854	0.000111	-4.39e-06	6.33e-07	
	6	-2.63e-05	-0.45987	-0.032457	0.001262	-1.25e-06	5.83e-05	
	7	-6.28e-05	-0.46888	-0.035502	0.001226	-4.5e-06	0.000343	
	8	-1.63e-06	-0.029938	-0.002377	7.78e-05	-6.64e-08	1.02e-06	
	9	-3.16e-05	-0.576	-0.04583	0.00149	-1.29e-06	2.1e-05	
	Dyn Y	1.64e-05	0.28531	0.020659	0.000771	7.49e-07	3.24e-05	

18	1	-4.56e-05	-0.029379	-0.071899	0.000111	5.56e-07	1.46e-07	
	3	-0.000277	-0.081198	-0.089149	0.000306	3.37e-06	8.86e-07	
	4	-0.0001	-0.029413	-0.032293	0.000111	1.22e-06	3.21e-07	
	6	-2.29e-05	-0.19877	-0.032461	0.001012	3.55e-07	2.96e-05	
	7	-7.85e-05	-0.22411	-0.03551	0.001012	1.41e-06	0.000174	
	8	-1.26e-06	-0.013897	-0.002377	6.53e-05	1.79e-08	5.17e-07	
	9	-2.45e-05	-0.26785	-0.045835	0.001256	3.49e-07	1.07e-05	
	Dyn Y	1.39e-05	0.12552	0.020661	0.000628	2.11e-07	1.64e-05	

19	1	-6.88e-05	-0.053156	-0.072393	0.000111	-2.91e-06	3.56e-07	
	3	-0.000417	-0.14672	-0.091185	0.000306	-1.76e-05	2.16e-06	
	4	-0.000151	-0.053149	-0.033031	0.000111	-6.37e-06	7.82e-07	
	6	-3.48e-05	-0.451	-0.032214	0.001239	-1.89e-06	8.27e-05	
	7	-7.98e-05	-0.41926	-0.03472	0.001113	-5.11e-06	0.000403	
	8	-2.18e-06	-0.029783	-0.002364	7.74e-05	-1.13e-07	1.45e-06	
	9	-4.22e-05	-0.5728	-0.045567	0.001482	-2.18e-06	2.98e-05	
	Dyn Y	2.17e-05	0.28057	0.020512	0.000759	1.16e-06	4.37e-05	

20	1	-5.16e-05	-0.029345	-0.071516	0.000111	7.85e-07	1.8e-07	
	3	-0.000313	-0.080994	-0.086828	0.000306	4.75e-06	1.09e-06	
	4	-0.000113	-0.029339	-0.031453	0.000111	1.72e-06	3.97e-07	
	6	-2.72e-05	-0.19541	-0.03222	0.000991	5.36e-07	4.19e-05	
	7	-8.82e-05	-0.18872	-0.034721	0.000914	1.57e-06	0.000204	

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	8	-1.5e-06	-0.013839	-0.002364	6.49e-05	3.09e-08	7.33e-07
	9	-2.9e-05	-0.26664	-0.045576	0.001248	6e-07	1.51e-05
	Dyn Y	1.65e-05	0.12369	0.020516	0.000616	3.25e-07	2.22e-05
21	1	-8.26e-05	-0.053108	-0.071806	0.000111	-5.72e-06	3.89e-07
	3	-0.0005	-0.14643	-0.087638	0.000306	-3.47e-05	2.36e-06
	4	-0.000181	-0.053044	-0.031746	0.000111	-1.26e-05	8.54e-07
	6	-4.1e-05	-0.43909	-0.031866	0.001212	-2.44e-06	0.000104
	7	-9.04e-05	-0.36715	-0.033916	0.000998	-4.8e-06	0.000411
	8	-2.6e-06	-0.029574	-0.002342	7.69e-05	-1.59e-07	1.83e-06
	9	-5.02e-05	-0.56849	-0.045148	0.001472	-3.07e-06	3.77e-05
	Dyn Y	2.56e-05	0.2745	0.020298	0.000745	1.51e-06	5.23e-05
22	1	7.8e-05	-0.029305	-0.070962	0.000111	1.16e-06	1.97e-07
	3	0.00048	-0.080753	-0.083478	0.000305	6.98e-06	1.2e-06
	4	0.000174	-0.029252	-0.030239	0.000111	2.53e-06	4.33e-07
	6	-4.1e-05	-0.19066	-0.031877	0.000962	7.31e-07	5.29e-05
	7	-8.87e-05	-0.16759	-0.033914	0.00079	1.42e-06	0.000209
	8	-2.56e-06	-0.013756	-0.002343	6.44e-05	4.75e-08	9.26e-07
	9	-4.96e-05	-0.26494	-0.045164	0.001238	9.18e-07	1.91e-05
	Dyn Y	2.6e-05	0.12125	0.020305	0.000602	4.52e-07	2.65e-05
23	1	-9.1e-05	-0.053058	-0.070577	0.000111	-1.11e-05	3.96e-07
	3	-0.000552	-0.14613	-0.080173	0.000305	-6.77e-05	2.4e-06
	4	-0.0002	-0.052934	-0.029042	0.000111	-2.45e-05	8.68e-07
	6	-4.42e-05	-0.42471	-0.031479	0.001191	-1.75e-06	0.000116
	7	-9.51e-05	-0.31582	-0.033247	0.000914	-3.14e-06	0.000408
	8	-2.82e-06	-0.029323	-0.002316	7.65e-05	-1.16e-07	2.04e-06
	9	-5.45e-05	-0.5633	-0.044649	0.001464	-2.24e-06	4.2e-05
	Dyn Y	2.76e-05	0.26755	0.020058	0.000735	1.08e-06	5.55e-05
24	1	0.000404	-0.029265	-0.070021	0.000111	1.68e-06	2.01e-07
	3	0.002482	-0.080513	-0.077781	0.000305	1.01e-05	1.22e-06
	4	0.000899	-0.029165	-0.028175	0.000111	3.67e-06	4.4e-07
	6	-0.000148	-0.18442	-0.031453	0.000926	8.74e-07	5.89e-05
	7	-0.000174	-0.14539	-0.033211	0.000663	1.17e-06	0.000207
	8	-1.06e-05	-0.013649	-0.002314	6.38e-05	6.13e-08	1.03e-06
	9	-0.000204	-0.26272	-0.044613	0.001225	1.18e-06	2.13e-05
	Dyn Y	9.55e-05	0.11822	0.020041	0.000584	5.5e-07	2.82e-05
25	1	0	0	-0.069013	0.000111	4.41e-06	0
	3	0	0	-0.07519	0.000303	2.65e-05	0
	4	0	0	-0.027237	0.000111	9.58e-06	0
	6	0	0	-0.031424	0.000451	4.18e-06	0
	7	0	0	-0.033171	0.000464	5.71e-06	0
	8	0	0	-0.002312	3.33e-05	2.93e-07	0
	9	0	0	-0.044575	0.000642	5.65e-06	0
	Dyn Y	0	0	0.020023	0.000288	2.63e-06	0
26	1	0	0	-0.069641	0.000111	4.24e-06	0
	3	0	0	-0.07897	0.000304	2.55e-05	0
	4	0	0	-0.028606	0.000111	9.25e-06	0
	6	0	0	-0.031888	0.000453	3.09e-06	0
	7	0	0	-0.033911	0.000474	6.11e-06	0
	8	0	0	-0.002344	3.33e-05	1.99e-07	0
	9	0	0	-0.045182	0.000642	3.86e-06	0
	Dyn Y	0	0	0.020312	0.000288	1.91e-06	0
27	1	0	0	-0.07016	0.000111	3.52e-06	0
	3	0	0	-0.082108	0.000306	2.13e-05	0
	4	0	0	-0.029743	0.000111	7.7e-06	0
	6	0	0	-0.032227	0.000454	2.28e-06	0
	7	0	0	-0.034722	0.000487	6.56e-06	0
	8	0	0	-0.002365	3.33e-05	1.32e-07	0
	9	0	0	-0.045586	0.000643	2.56e-06	0
	Dyn Y	0	0	0.02052	0.000289	1.38e-06	0
28	1	0	0	-0.070552	0.000111	2.56e-06	0
	3	0	0	-0.084481	0.000307	1.55e-05	0
	4	0	0	-0.030603	0.000111	5.61e-06	0

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	6	0	0	-0.032465	0.000456	1.55e-06	0
	7	0	0	-0.035519	0.000504	5.86e-06	0
	8	0	0	-0.002378	3.34e-05	8.12e-08	0
	9	0	0	-0.04584	0.000643	1.58e-06	0
	Dyn Y	0	0	0.020663	0.00029	9.31e-07	0

29	1	0	0	-0.070813	0.000111	1.53e-06	0
	3	0	0	-0.086064	0.000307	9.31e-06	0
	4	0	0	-0.031176	0.000111	3.37e-06	0
	6	0	0	-0.032615	0.000458	8.98e-07	0
	7	0	0	-0.036146	0.000515	3.95e-06	0
	8	0	0	-0.002385	3.34e-05	4.3e-08	0
	9	0	0	-0.045984	0.000644	8.39e-07	0
	Dyn Y	0	0	0.020752	0.000291	5.33e-07	0

30	1	0	0	-0.070942	0.000111	5.1e-07	0
	3	0	0	-0.086852	0.000308	3.1e-06	0
	4	0	0	-0.031461	0.000111	1.12e-06	0
	6	0	0	-0.032687	0.000458	2.93e-07	0
	7	0	0	-0.036485	0.000521	1.38e-06	0
	8	0	0	-0.002388	3.34e-05	1.33e-08	0
	9	0	0	-0.046049	0.000644	2.61e-07	0
	Dyn Y	0	0	0.020795	0.000291	1.73e-07	0

Nodo	cond	U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)

31	1	0	0	-0.070942	0.000111	-5.1e-07	0
	3	0	0	-0.086852	0.000308	-3.1e-06	0
	4	0	0	-0.031461	0.000111	-1.12e-06	0
	6	0	0	-0.032687	0.000458	-2.93e-07	0
	7	0	0	-0.036485	0.000521	-1.38e-06	0
	8	0	0	-0.002388	3.34e-05	-1.33e-08	0
	9	0	0	-0.046049	0.000644	-2.61e-07	0
	Dyn Y	0	0	0.020795	0.000291	1.73e-07	0

32	1	0	0	-0.070813	0.000111	-1.53e-06	0
	3	0	0	-0.086064	0.000307	-9.31e-06	0
	4	0	0	-0.031176	0.000111	-3.37e-06	0
	6	0	0	-0.032615	0.000458	-8.98e-07	0
	7	0	0	-0.036146	0.000515	-3.95e-06	0
	8	0	0	-0.002385	3.34e-05	-4.3e-08	0
	9	0	0	-0.045984	0.000644	-8.39e-07	0
	Dyn Y	0	0	0.020752	0.000291	5.33e-07	0

33	1	0	0	-0.070552	0.000111	-2.56e-06	0
	3	0	0	-0.084481	0.000307	-1.55e-05	0
	4	0	0	-0.030603	0.000111	-5.61e-06	0
	6	0	0	-0.032465	0.000456	-1.55e-06	0
	7	0	0	-0.035519	0.000504	-5.86e-06	0
	8	0	0	-0.002378	3.34e-05	-8.12e-08	0
	9	0	0	-0.04584	0.000643	-1.58e-06	0
	Dyn Y	0	0	0.020663	0.00029	9.31e-07	0

34	1	0	0	-0.07016	0.000111	-3.52e-06	0
	3	0	0	-0.082108	0.000306	-2.13e-05	0
	4	0	0	-0.029743	0.000111	-7.7e-06	0
	6	0	0	-0.032227	0.000454	-2.28e-06	0
	7	0	0	-0.034722	0.000487	-6.56e-06	0
	8	0	0	-0.002365	3.33e-05	-1.32e-07	0
	9	0	0	-0.045586	0.000643	-2.56e-06	0
	Dyn Y	0	0	0.02052	0.000289	1.38e-06	0

35	1	0	0	-0.069641	0.000111	-4.24e-06	0
	3	0	0	-0.07897	0.000304	-2.55e-05	0
	4	0	0	-0.028606	0.00011	-9.25e-06	0
	6	0	0	-0.031888	0.000453	-3.09e-06	0
	7	0	0	-0.033911	0.000474	-6.11e-06	0
	8	0	0	-0.002344	3.33e-05	-1.99e-07	0
	9	0	0	-0.045182	0.000642	-3.86e-06	0
	Dyn Y	0	0	0.020312	0.000288	1.91e-06	0

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36	1	0	0	-0.069013	0.00011	-4.41e-06	0
	3	0	0	-0.07519	0.000303	-2.65e-05	0
	4	0	0	-0.027237	0.00011	-9.58e-06	0
	6	0	0	-0.031424	0.000451	-4.18e-06	0
	7	0	0	-0.033171	0.000464	-5.71e-06	0
	8	0	0	-0.002312	3.33e-05	-2.93e-07	0
	9	0	0	-0.044575	0.000642	-5.65e-06	0
	Dyn Y	0	0	0.020023	0.000288	2.63e-06	0
37	1	0	0	-0.068569	0.00011	4.73e-06	0
	3	0	0	-0.073166	0.000302	2.75e-05	0
	4	0	0	-0.026504	0.00011	9.95e-06	0
	6	0	0	-0.031114	0.000447	5.67e-06	0
	7	0	0	-0.032782	0.00046	6.66e-06	0
	8	0	0	-0.00229	3.3e-05	4.07e-07	0
	9	0	0	-0.04415	0.000636	7.85e-06	0
	Dyn Y	0	0	0.019827	0.000285	3.59e-06	0
38	1	0	0	-0.061635	0.000112	4.38e-06	0
	3	0	0	-0.05418	0.000306	2.62e-05	0
	4	0	0	-0.019626	0.000111	9.48e-06	0
	6	0	0	-0.003771	0.000438	2.87e-06	0
	7	0	0	-0.004494	0.000455	2.97e-06	0
	8	0	0	-0.000272	3.23e-05	2.1e-07	0
	9	0	0	-0.005255	0.000623	4.04e-06	0
	Dyn Y	0	0	0.002392	0.000279	1.82e-06	0
39	1	0	0	-0.061901	0.000112	4.43e-06	0
	3	0	0	-0.055819	0.000307	2.64e-05	0
	4	0	0	-0.02022	0.000111	9.56e-06	0
	6	0	0	-0.004	0.000437	4.53e-06	0
	7	0	0	-0.004687	0.000458	3.29e-06	0
	8	0	0	-0.00029	3.22e-05	3.49e-07	0
	9	0	0	-0.005588	0.00062	6.72e-06	0
	Dyn Y	0	0	0.002539	0.000278	2.92e-06	0
40	1	0	0	-0.0622	0.000112	4.35e-06	0
	3	0	0	-0.057567	0.000308	2.62e-05	0
	4	0	0	-0.020853	0.000111	9.49e-06	0
	6	0	0	-0.004221	0.000439	2.72e-06	0
	7	0	0	-0.004836	0.000461	1.61e-06	0
	8	0	0	-0.000307	3.23e-05	2.19e-07	0
	9	0	0	-0.005922	0.000623	4.22e-06	0
	Dyn Y	0	0	0.002683	0.00028	1.78e-06	0
41	1	0	0	-0.069156	0.00011	4.59e-06	0
	3	0	0	-0.076662	0.000304	2.75e-05	0
	4	0	0	-0.02777	0.00011	9.97e-06	0
	6	0	0	-0.031673	0.000449	4.03e-06	0
	7	0	0	-0.033533	0.000468	6.22e-06	0
	8	0	0	-0.002329	3.31e-05	2.75e-07	0
	9	0	0	-0.044906	0.000639	5.31e-06	0
	Dyn Y	0	0	0.020179	0.000286	2.52e-06	0
42	1	0	0	-0.062466	0.000112	4.17e-06	0
	3	0	0	-0.059218	0.000309	2.51e-05	0
	4	0	0	-0.021451	0.000112	9.1e-06	0
	6	0	0	-0.004386	0.000438	2.73e-06	0
	7	0	0	-0.004942	0.000464	1.97e-06	0
	8	0	0	-0.00032	3.22e-05	2.12e-07	0
	9	0	0	-0.006174	0.000621	4.08e-06	0
	Dyn Y	0	0	0.00279	0.000279	1.77e-06	0
43	1	0	0	-0.062743	0.000112	3.84e-06	0
	3	0	0	-0.060837	0.00031	2.32e-05	0
	4	0	0	-0.022037	0.000112	8.4e-06	0
	6	0	0	-0.004523	0.00044	1.81e-06	0
	7	0	0	-0.005018	0.00047	6.48e-07	0
	8	0	0	-0.000331	3.23e-05	1.49e-07	0

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		9	0	0	-0.006384	0.000624	2.86e-06	0
		Dyn Y	0	0	0.002879	0.00028	1.19e-06	0
44	1		0	0	-0.069721	0.000111	4.02e-06	0
	3		0	0	-0.080065	0.000305	2.43e-05	0
	4		0	0	-0.029003	0.00011	8.78e-06	0
	6		0	0	-0.032071	0.000451	2.91e-06	0
	7		0	0	-0.034309	0.000479	6.9e-06	0
	8		0	0	-0.002355	3.32e-05	1.79e-07	0
	9		0	0	-0.045406	0.000639	3.47e-06	0
	Dyn Y		0	0	0.020425	0.000287	1.79e-06	0
45	1		0	0	-0.062962	0.000112	3.45e-06	0
	3		0	0	-0.062213	0.00031	2.08e-05	0
	4		0	0	-0.022536	0.000112	7.55e-06	0
	6		0	0	-0.004627	0.000439	1.68e-06	0
	7		0	0	-0.005063	0.000473	1.03e-06	0
	8		0	0	-0.000339	3.22e-05	1.29e-07	0
	9		0	0	-0.006544	0.000621	2.49e-06	0
	Dyn Y		0	0	0.002947	0.00028	1.08e-06	0
Nodo	cond	U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)	
46	1	0	0	-0.063184	0.000113	2.99e-06	0	
	3	0	0	-0.063505	0.000311	1.81e-05	0	
	4	0	0	-0.023004	0.000113	6.55e-06	0	
	6	0	0	-0.00471	0.000442	1.12e-06	0	
	7	0	0	-0.005064	0.00048	-8.24e-07	0	
	8	0	0	-0.000346	3.24e-05	9.21e-08	0	
	9	0	0	-0.006672	0.000624	1.77e-06	0	
	Dyn Y	0	0	0.003001	0.000281	7.32e-07	0	
47	1	0	0	-0.070177	0.000111	3.11e-06	0	
	3	0	0	-0.08283	0.000306	1.88e-05	0	
	4	0	0	-0.030004	0.000111	6.82e-06	0	
	6	0	0	-0.032357	0.000453	2.03e-06	0	
	7	0	0	-0.035132	0.000493	6.83e-06	0	
	8	0	0	-0.002372	3.32e-05	1.12e-07	0	
	9	0	0	-0.045729	0.00064	2.17e-06	0	
	Dyn Y	0	0	0.020599	0.000288	1.23e-06	0	
48	1	0	0	-0.063342	0.000113	2.51e-06	0	
	3	0	0	-0.064516	0.000311	1.52e-05	0	
	4	0	0	-0.02337	0.000113	5.5e-06	0	
	6	0	0	-0.004771	0.00044	9.79e-07	0	
	7	0	0	-0.005051	0.000483	5.63e-07	0	
	8	0	0	-0.000351	3.22e-05	7.43e-08	0	
	9	0	0	-0.006765	0.000622	1.43e-06	0	
	Dyn Y	0	0	0.00304	0.00028	6.27e-07	0	
49	1	0	0	-0.063501	0.000113	2.01e-06	0	
	3	0	0	-0.065428	0.000312	1.22e-05	0	
	4	0	0	-0.023701	0.000113	4.41e-06	0	
	6	0	0	-0.004818	0.000443	6.28e-07	0	
	7	0	0	-0.005062	0.00049	-3.24e-08	0	
	8	0	0	-0.000355	3.24e-05	5.11e-08	0	
	9	0	0	-0.006836	0.000625	9.83e-07	0	
	Dyn Y	0	0	0.00307	0.000282	4.05e-07	0	
50	1	0	0	-0.070505	0.000111	2.09e-06	0	
	3	0	0	-0.084814	0.000307	1.27e-05	0	
	4	0	0	-0.030723	0.000111	4.59e-06	0	
	6	0	0	-0.03255	0.000455	1.28e-06	0	
	7	0	0	-0.035863	0.000507	5.35e-06	0	
	8	0	0	-0.002382	3.32e-05	6.37e-08	0	
	9	0	0	-0.045923	0.000641	1.24e-06	0	
	Dyn Y	0	0	0.020714	0.000289	7.65e-07	0	
51	1	0	0	-0.063596	0.000113	1.51e-06	0	
	3	0	0	-0.066053	0.000312	9.14e-06	0	

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	4	0	0	-0.023927	0.000113	3.31e-06	0
	6	0	0	-0.00485	0.000441	5.01e-07	0
	7	0	0	-0.005071	0.000491	4.61e-07	0
	8	0	0	-0.000357	3.23e-05	3.73e-08	0
	9	0	0	-0.006885	0.000622	7.2e-07	0
	Dyn Y	0	0	0.003091	0.000281	3.19e-07	0

52	1	0	0	-0.063691	0.000113	1e-06	0
	3	0	0	-0.066578	0.000312	6.08e-06	0
	4	0	0	-0.024117	0.000113	2.2e-06	0
	6	0	0	-0.004873	0.000444	2.76e-07	0
	7	0	0	-0.005084	0.000497	5.13e-08	0
	8	0	0	-0.000359	3.24e-05	2.23e-08	0
	9	0	0	-0.006919	0.000625	4.29e-07	0
	Dyn Y	0	0	0.003105	0.000282	1.77e-07	0

53	1	0	0	-0.0707	0.000111	1.04e-06	0
	3	0	0	-0.085999	0.000308	6.32e-06	0
	4	0	0	-0.031152	0.000111	2.29e-06	0
	6	0	0	-0.03266	0.000456	6.19e-07	0
	7	0	0	-0.036357	0.000515	2.87e-06	0
	8	0	0	-0.002387	3.32e-05	2.86e-08	0
	9	0	0	-0.046025	0.000641	5.59e-07	0
	Dyn Y	0	0	0.020779	0.00029	3.67e-07	0

54	1	0	0	-0.063722	0.000113	5.01e-07	0
	3	0	0	-0.066818	0.000313	3.04e-06	0
	4	0	0	-0.024204	0.000113	1.1e-06	0
	6	0	0	-0.004884	0.000442	1.53e-07	0
	7	0	0	-0.005088	0.000496	1.65e-07	0
	8	0	0	-0.00036	3.23e-05	1.12e-08	0
	9	0	0	-0.006936	0.000622	2.17e-07	0
	Dyn Y	0	0	0.003113	0.000281	9.67e-08	0

55	1	0	0	-0.063753	0.000113	-3.71e-17	0
	3	0	0	-0.06696	0.000313	-9.98e-17	0
	4	0	0	-0.024255	0.000113	-3.61e-17	0
	6	0	0	-0.004889	0.000444	-1.45e-16	0
	7	0	0	-0.005093	0.0005	-1.64e-16	0
	8	0	0	-0.00036	3.24e-05	-1.06e-17	0
	9	0	0	-0.006943	0.000625	-2.04e-16	0
	Dyn Y	0	0	0.003116	0.000282	4.31e-11	0

56	1	0	0	-0.070765	0.000111	-2.55e-17	0
	3	0	0	-0.086393	0.000308	-6.56e-17	0
	4	0	0	-0.031295	0.000112	-2.37e-17	0
	6	0	0	-0.032696	0.000456	-1.02e-16	0
	7	0	0	-0.036529	0.000518	-1.19e-16	0
	8	0	0	-0.002389	3.33e-05	-7.42e-18	0
	9	0	0	-0.046056	0.000641	-1.43e-16	0
	Dyn Y	0	0	0.0208	0.00029	9.86e-11	0

57	1	0	0	-0.063722	0.000113	-5.01e-07	0
	3	0	0	-0.066818	0.000313	-3.04e-06	0
	4	0	0	-0.024204	0.000113	-1.1e-06	0
	6	0	0	-0.004884	0.000442	-1.53e-07	0
	7	0	0	-0.005088	0.000496	-1.65e-07	0
	8	0	0	-0.00036	3.23e-05	-1.12e-08	0
	9	0	0	-0.006936	0.000622	-2.17e-07	0
	Dyn Y	0	0	0.003113	0.000281	9.67e-08	0

58	1	0	0	-0.063691	0.000113	-1e-06	0
	3	0	0	-0.066578	0.000312	-6.08e-06	0
	4	0	0	-0.024117	0.000113	-2.2e-06	0
	6	0	0	-0.004873	0.000444	-2.76e-07	0
	7	0	0	-0.005084	0.000497	-5.13e-08	0
	8	0	0	-0.000359	3.24e-05	-2.23e-08	0
	9	0	0	-0.006919	0.000625	-4.29e-07	0
	Dyn Y	0	0	0.003105	0.000282	1.77e-07	0

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59	1	0	0	-0.0707	0.000111	-1.04e-06	0
	3	0	0	-0.085999	0.000308	-6.32e-06	0
	4	0	0	-0.031152	0.000111	-2.29e-06	0
	6	0	0	-0.03266	0.000456	-6.19e-07	0
	7	0	0	-0.036357	0.000515	-2.87e-06	0
	8	0	0	-0.002387	3.32e-05	-2.86e-08	0
	9	0	0	-0.046025	0.000641	-5.59e-07	0
	Dyn Y	0	0	0.020779	0.00029	3.67e-07	0

60	1	0	0	-0.063596	0.000113	-1.51e-06	0
	3	0	0	-0.066053	0.000312	-9.14e-06	0
	4	0	0	-0.023927	0.000113	-3.31e-06	0
	6	0	0	-0.00485	0.000441	-5.01e-07	0
	7	0	0	-0.005071	0.000491	-4.61e-07	0
	8	0	0	-0.000357	3.23e-05	-3.73e-08	0
	9	0	0	-0.006885	0.000622	-7.2e-07	0
	Dyn Y	0	0	0.003091	0.000281	3.19e-07	0

Nodo	cond	U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)

61	1	0	0	-0.063501	0.000113	-2.01e-06	0
	3	0	0	-0.065428	0.000312	-1.22e-05	0
	4	0	0	-0.023701	0.000113	-4.41e-06	0
	6	0	0	-0.004818	0.000443	-6.28e-07	0
	7	0	0	-0.005062	0.00049	3.24e-08	0
	8	0	0	-0.000355	3.24e-05	-5.11e-08	0
	9	0	0	-0.006836	0.000625	-9.83e-07	0
	Dyn Y	0	0	0.00307	0.000282	4.06e-07	0

62	1	0	0	-0.070505	0.000111	-2.09e-06	0
	3	0	0	-0.084814	0.000307	-1.27e-05	0
	4	0	0	-0.030723	0.000111	-4.59e-06	0
	6	0	0	-0.03255	0.000455	-1.28e-06	0
	7	0	0	-0.035863	0.000507	-5.35e-06	0
	8	0	0	-0.002382	3.32e-05	-6.37e-08	0
	9	0	0	-0.045923	0.000641	-1.24e-06	0
	Dyn Y	0	0	0.020714	0.000289	7.65e-07	0

63	1	0	0	-0.063342	0.000113	-2.51e-06	0
	3	0	0	-0.064516	0.000311	-1.52e-05	0
	4	0	0	-0.02337	0.000113	-5.5e-06	0
	6	0	0	-0.004771	0.00044	-9.79e-07	0
	7	0	0	-0.005051	0.000483	-5.63e-07	0
	8	0	0	-0.000351	3.22e-05	-7.43e-08	0
	9	0	0	-0.006765	0.000622	-1.43e-06	0
	Dyn Y	0	0	0.00304	0.00028	6.27e-07	0

64	1	0	0	-0.063184	0.000113	-2.99e-06	0
	3	0	0	-0.063505	0.000311	-1.81e-05	0
	4	0	0	-0.023004	0.000113	-6.55e-06	0
	6	0	0	-0.00471	0.000442	-1.12e-06	0
	7	0	0	-0.005064	0.00048	8.24e-07	0
	8	0	0	-0.000346	3.24e-05	-9.21e-08	0
	9	0	0	-0.006672	0.000624	-1.77e-06	0
	Dyn Y	0	0	0.003001	0.000281	7.32e-07	0

65	1	0	0	-0.070177	0.000111	-3.11e-06	0
	3	0	0	-0.08283	0.000306	-1.88e-05	0
	4	0	0	-0.030004	0.000111	-6.82e-06	0
	6	0	0	-0.032357	0.000453	-2.03e-06	0
	7	0	0	-0.035132	0.000493	-6.83e-06	0
	8	0	0	-0.002372	3.32e-05	-1.12e-07	0
	9	0	0	-0.045729	0.00064	-2.17e-06	0
	Dyn Y	0	0	0.020599	0.000288	1.23e-06	0

66	1	0	0	-0.062962	0.000112	-3.45e-06	0
	3	0	0	-0.062213	0.00031	-2.08e-05	0
	4	0	0	-0.022536	0.000112	-7.55e-06	0
	6	0	0	-0.004627	0.000439	-1.68e-06	0
	7	0	0	-0.005063	0.000473	-1.03e-06	0

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	8	0	0	-0.000339	3.22e-05	-1.29e-07	0
	9	0	0	-0.006544	0.000621	-2.49e-06	0
	Dyn Y	0	0	0.002947	0.00028	1.08e-06	0

67	1	0	0	-0.062743	0.000112	-3.84e-06	0
	3	0	0	-0.060837	0.00031	-2.32e-05	0
	4	0	0	-0.022037	0.000112	-8.4e-06	0
	6	0	0	-0.004523	0.00044	-1.81e-06	0
	7	0	0	-0.005018	0.00047	-6.48e-07	0
	8	0	0	-0.000331	3.23e-05	-1.49e-07	0
	9	0	0	-0.006384	0.000624	-2.86e-06	0
	Dyn Y	0	0	0.002879	0.00028	1.19e-06	0

68	1	0	0	-0.069721	0.000111	-4.02e-06	0
	3	0	0	-0.080065	0.000305	-2.43e-05	0
	4	0	0	-0.029003	0.00011	-8.78e-06	0
	6	0	0	-0.032071	0.000451	-2.91e-06	0
	7	0	0	-0.034309	0.000479	-6.9e-06	0
	8	0	0	-0.002355	3.32e-05	-1.79e-07	0
	9	0	0	-0.045406	0.000639	-3.47e-06	0
	Dyn Y	0	0	0.020425	0.000287	1.79e-06	0

69	1	0	0	-0.062466	0.000112	-4.17e-06	0
	3	0	0	-0.059218	0.000309	-2.51e-05	0
	4	0	0	-0.021451	0.000112	-9.1e-06	0
	6	0	0	-0.004386	0.000438	-2.73e-06	0
	7	0	0	-0.004942	0.000464	-1.97e-06	0
	8	0	0	-0.00032	3.22e-05	-2.12e-07	0
	9	0	0	-0.006174	0.000621	-4.08e-06	0
	Dyn Y	0	0	0.00279	0.000279	1.77e-06	0

70	1	0	0	-0.0622	0.000112	-4.35e-06	0
	3	0	0	-0.057567	0.000308	-2.62e-05	0
	4	0	0	-0.020853	0.000111	-9.49e-06	0
	6	0	0	-0.004221	0.000439	-2.72e-06	0
	7	0	0	-0.004836	0.000461	-1.61e-06	0
	8	0	0	-0.000307	3.23e-05	-2.19e-07	0
	9	0	0	-0.005922	0.000623	-4.22e-06	0
	Dyn Y	0	0	0.002682	0.00028	1.78e-06	0

71	1	0	0	-0.069156	0.00011	-4.59e-06	0
	3	0	0	-0.076662	0.000304	-2.75e-05	0
	4	0	0	-0.02777	0.00011	-9.97e-06	0
	6	0	0	-0.031673	0.000449	-4.03e-06	0
	7	0	0	-0.033533	0.000468	-6.22e-06	0
	8	0	0	-0.002329	3.31e-05	-2.75e-07	0
	9	0	0	-0.044906	0.000639	-5.31e-06	0
	Dyn Y	0	0	0.020179	0.000286	2.52e-06	0

72	1	0	0	-0.061901	0.000112	-4.43e-06	0
	3	0	0	-0.055819	0.000307	-2.64e-05	0
	4	0	0	-0.02022	0.000111	-9.56e-06	0
	6	0	0	-0.004	0.000437	-4.53e-06	0
	7	0	0	-0.004687	0.000458	-3.29e-06	0
	8	0	0	-0.00029	3.22e-05	-3.49e-07	0
	9	0	0	-0.005588	0.00062	-6.72e-06	0
	Dyn Y	0	0	0.002539	0.000278	2.92e-06	0

73	1	0	0	-0.061635	0.000112	-4.38e-06	0
	3	0	0	-0.05418	0.000306	-2.62e-05	0
	4	0	0	-0.019626	0.000111	-9.48e-06	0
	6	0	0	-0.003771	0.000438	-2.87e-06	0
	7	0	0	-0.004494	0.000455	-2.97e-06	0
	8	0	0	-0.000272	3.23e-05	-2.1e-07	0
	9	0	0	-0.005255	0.000623	-4.04e-06	0
	Dyn Y	0	0	0.002392	0.000279	1.82e-06	0

74	1	0	0	-0.068569	0.00011	-4.73e-06	0
	3	0	0	-0.073166	0.000302	-2.75e-05	0
	4	0	0	-0.026504	0.00011	-9.95e-06	0

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		6	0	0	-0.031114	0.000447	-5.67e-06	0	
		7	0	0	-0.032782	0.00046	-6.66e-06	0	
		8	0	0	-0.00229	3.3e-05	-4.07e-07	0	
		9	0	0	-0.04415	0.000636	-7.85e-06	0	
	Dyn Y		0	0	0.019827	0.000285	3.59e-06	0	

75	1		0	0	-0.075382	0.000109	4.58e-06	0	
	3		0	0	-0.091885	0.0003	2.72e-05	0	
	4		0	0	-0.033285	0.000109	9.86e-06	0	
	6		0	0	-0.05885	0.000448	7.02e-06	0	
	7		0	0	-0.061399	0.000463	9.06e-06	0	
	8		0	0	-0.004338	3.31e-05	4.97e-07	0	
	9		0	0	-0.083617	0.000638	9.58e-06	0	
	Dyn Y		0	0	0.037514	0.000286	4.43e-06	0	

Nodo	cond		U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)	

76	1		0	0	-0.075661	0.000109	4.61e-06	0	
	3		0	0	-0.093595	0.0003	2.75e-05	0	
	4		0	0	-0.033904	0.000109	9.95e-06	0	
	6		0	0	-0.05922	0.000446	4.91e-06	0	
	7		0	0	-0.061954	0.000465	8.82e-06	0	
	8		0	0	-0.004363	3.29e-05	3.18e-07	0	
	9		0	0	-0.084104	0.000634	6.16e-06	0	
	Dyn Y		0	0	0.037745	0.000284	3.03e-06	0	

77	1		0	0	-0.075975	0.000109	4.56e-06	0	
	3		0	0	-0.095426	0.0003	2.74e-05	0	
	4		0	0	-0.034567	0.000109	9.93e-06	0	
	6		0	0	-0.059512	0.000449	4.54e-06	0	
	7		0	0	-0.062544	0.000469	1.03e-05	0	
	8		0	0	-0.004381	3.31e-05	2.7e-07	0	
	9		0	0	-0.084456	0.000638	5.22e-06	0	
	Dyn Y		0	0	0.037923	0.000286	2.75e-06	0	

78	1		0	0	-0.076256	0.000109	4.4e-06	0	
	3		0	0	-0.097174	0.0003	2.65e-05	0	
	4		0	0	-0.0352	0.000109	9.59e-06	0	
	6		0	0	-0.059776	0.000448	4.12e-06	0	
	7		0	0	-0.063213	0.000472	1.14e-05	0	
	8		0	0	-0.004396	3.29e-05	2.3e-07	0	
	9		0	0	-0.08475	0.000635	4.47e-06	0	
	Dyn Y		0	0	0.038082	0.000285	2.47e-06	0	

79	1		0	0	-0.07655	0.000109	4.06e-06	0	
	3		0	0	-0.098892	0.000301	2.45e-05	0	
	4		0	0	-0.035823	0.000109	8.89e-06	0	
	6		0	0	-0.060013	0.000451	3.66e-06	0	
	7		0	0	-0.063963	0.000479	1.29e-05	0	
	8		0	0	-0.004409	3.31e-05	1.83e-07	0	
	9		0	0	-0.084994	0.000638	3.57e-06	0	
	Dyn Y		0	0	0.038223	0.000287	2.16e-06	0	

80	1		0	0	-0.076784	0.000109	3.65e-06	0	
	3		0	0	-0.10036	0.000301	2.21e-05	0	
	4		0	0	-0.036355	0.000109	8.01e-06	0	
	6		0	0	-0.060223	0.000449	3.24e-06	0	
	7		0	0	-0.064777	0.000483	1.35e-05	0	
	8		0	0	-0.004419	3.3e-05	1.53e-07	0	
	9		0	0	-0.085192	0.000636	2.99e-06	0	
	Dyn Y		0	0	0.038346	0.000286	1.9e-06	0	

81	1		0	0	-0.077019	0.000109	3.17e-06	0	
	3		0	0	-0.10174	0.000302	1.92e-05	0	
	4		0	0	-0.036853	0.000109	6.95e-06	0	
	6		0	0	-0.060406	0.000452	2.79e-06	0	
	7		0	0	-0.065636	0.000492	1.43e-05	0	
		8	0	0	0	-0.004427	3.31e-05	1.21e-07	0
		9	0	0	-0.085352	0.000639	2.36e-06	0	

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	Dyn Y	0	0	0.038453	0.000288	1.63e-06	0
82	1	0	0	-0.077189	0.000109	2.66e-06	0
	3	0	0	-0.10281	0.000302	1.61e-05	0
	4	0	0	-0.037243	0.00011	5.84e-06	0
	6	0	0	-0.060562	0.000451	2.33e-06	0
	7	0	0	-0.06646	0.000495	1.24e-05	0
	8	0	0	-0.004434	3.3e-05	9.58e-08	0
	9	0	0	-0.085479	0.000636	1.88e-06	0
	Dyn Y	0	0	0.038543	0.000287	1.35e-06	0
83	1	0	0	-0.077356	0.000109	2.13e-06	0
	3	0	0	-0.10378	0.000303	1.29e-05	0
	4	0	0	-0.037593	0.00011	4.67e-06	0
	6	0	0	-0.06069	0.000454	1.88e-06	0
	7	0	0	-0.067171	0.000504	1.06e-05	0
	8	0	0	-0.004439	3.32e-05	7.19e-08	0
	9	0	0	-0.085577	0.000639	1.41e-06	0
	Dyn Y	0	0	0.038616	0.000289	1.09e-06	0
84	1	0	0	-0.077458	0.000109	1.6e-06	0
	3	0	0	-0.10445	0.000303	9.68e-06	0
	4	0	0	-0.037835	0.00011	3.51e-06	0
	6	0	0	-0.060788	0.000452	1.4e-06	0
	7	0	0	-0.067751	0.000505	8.18e-06	0
	8	0	0	-0.004442	3.3e-05	5.19e-08	0
	9	0	0	-0.085649	0.000637	1.02e-06	0
	Dyn Y	0	0	0.038673	0.000287	8.11e-07	0
85	1	0	0	-0.077558	0.000109	1.06e-06	0
	3	0	0	-0.105	0.000303	6.44e-06	0
	4	0	0	-0.038036	0.00011	2.33e-06	0
	6	0	0	-0.060859	0.000454	9.38e-07	0
	7	0	0	-0.068178	0.000512	5.65e-06	0
	8	0	0	-0.004445	3.32e-05	3.33e-08	0
	9	0	0	-0.085698	0.00064	6.56e-07	0
	Dyn Y	0	0	0.038714	0.000289	5.44e-07	0
86	1	0	0	-0.077591	0.000109	5.3e-07	0
	3	0	0	-0.10526	0.000303	3.22e-06	0
	4	0	0	-0.038129	0.00011	1.17e-06	0
	6	0	0	-0.060902	0.000453	4.66e-07	0
	7	0	0	-0.06844	0.000511	2.84e-06	0
	8	0	0	-0.004446	3.3e-05	1.63e-08	0
	9	0	0	-0.085727	0.000637	3.23e-07	0
	Dyn Y	0	0	0.038738	0.000288	2.7e-07	0
87	1	0	0	-0.077624	0.00011	-1.43e-17	0
	3	0	0	-0.10541	0.000304	-3.23e-17	0
	4	0	0	-0.038182	0.00011	-1.17e-17	0
	6	0	0	-0.060916	0.000455	-6.17e-17	0
	7	0	0	-0.068528	0.000515	-7.63e-17	0
	8	0	0	-0.004447	3.32e-05	-4.44e-18	0
	9	0	0	-0.085737	0.00064	-8.54e-17	0
	Dyn Y	0	0	0.038746	0.000289	1.59e-10	0
88	1	0	0	-0.077591	0.000109	-5.3e-07	0
	3	0	0	-0.10526	0.000303	-3.22e-06	0
	4	0	0	-0.038129	0.00011	-1.17e-06	0
	6	0	0	-0.060902	0.000453	-4.66e-07	0
	7	0	0	-0.06844	0.000511	-2.84e-06	0
	8	0	0	-0.004446	3.3e-05	-1.63e-08	0
	9	0	0	-0.085727	0.000637	-3.23e-07	0
	Dyn Y	0	0	0.038738	0.000288	2.69e-07	0
89	1	0	0	-0.077558	0.000109	-1.06e-06	0
	3	0	0	-0.105	0.000303	-6.44e-06	0
	4	0	0	-0.038036	0.00011	-2.33e-06	0
	6	0	0	-0.060859	0.000454	-9.38e-07	0
	7	0	0	-0.068178	0.000512	-5.65e-06	0

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		8	0	0	-0.004445	3.32e-05	-3.33e-08	0
		9	0	0	-0.085698	0.00064	-6.56e-07	0
		Dyn Y	0	0	0.038714	0.000289	5.43e-07	0

90		1	0	0	-0.077458	0.000109	-1.6e-06	0
		3	0	0	-0.10445	0.000303	-9.68e-06	0
		4	0	0	-0.037835	0.00011	-3.51e-06	0
		6	0	0	-0.060788	0.000452	-1.4e-06	0
		7	0	0	-0.067751	0.000505	-8.18e-06	0
		8	0	0	-0.004442	3.3e-05	-5.19e-08	0
		9	0	0	-0.085649	0.000637	-1.02e-06	0
		Dyn Y	0	0	0.038673	0.000287	8.1e-07	0

Nodo	cond	U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)	

91	1	0	0	-0.077356	0.000109	-2.13e-06	0	
	3	0	0	-0.10378	0.000303	-1.29e-05	0	
	4	0	0	-0.037593	0.00011	-4.67e-06	0	
	6	0	0	-0.06069	0.000454	-1.88e-06	0	
	7	0	0	-0.067171	0.000504	-1.06e-05	0	
	8	0	0	-0.004439	3.32e-05	-7.19e-08	0	
	9	0	0	-0.085577	0.000639	-1.41e-06	0	
	Dyn Y	0	0	0.038616	0.000289	1.09e-06	0	

92	1	0	0	-0.077189	0.000109	-2.66e-06	0	
	3	0	0	-0.10281	0.000302	-1.61e-05	0	
	4	0	0	-0.037243	0.00011	-5.84e-06	0	
	6	0	0	-0.060562	0.000451	-2.33e-06	0	
	7	0	0	-0.06646	0.000495	-1.24e-05	0	
	8	0	0	-0.004434	3.3e-05	-9.58e-08	0	
	9	0	0	-0.085479	0.000636	-1.88e-06	0	
	Dyn Y	0	0	0.038543	0.000287	1.35e-06	0	

93	1	0	0	-0.077019	0.000109	-3.17e-06	0	
	3	0	0	-0.10174	0.000302	-1.92e-05	0	
	4	0	0	-0.036853	0.000109	-6.95e-06	0	
	6	0	0	-0.060406	0.000452	-2.79e-06	0	
	7	0	0	-0.065636	0.000492	-1.43e-05	0	
	8	0	0	-0.004427	3.31e-05	-1.21e-07	0	
	9	0	0	-0.085352	0.000639	-2.36e-06	0	
	Dyn Y	0	0	0.038453	0.000288	1.63e-06	0	

94	1	0	0	-0.076784	0.000109	-3.65e-06	0	
	3	0	0	-0.10036	0.000301	-2.21e-05	0	
	4	0	0	-0.036355	0.000109	-8.01e-06	0	
	6	0	0	-0.060223	0.000449	-3.24e-06	0	
	7	0	0	-0.064777	0.000483	-1.35e-05	0	
	8	0	0	-0.004419	3.3e-05	-1.53e-07	0	
	9	0	0	-0.085192	0.000636	-2.99e-06	0	
	Dyn Y	0	0	0.038346	0.000286	1.9e-06	0	

95	1	0	0	-0.07655	0.000109	-4.06e-06	0	
	3	0	0	-0.098892	0.000301	-2.45e-05	0	
	4	0	0	-0.035823	0.000109	-8.89e-06	0	
	6	0	0	-0.060013	0.000451	-3.66e-06	0	
	7	0	0	-0.063963	0.000479	-1.29e-05	0	
	8	0	0	-0.004409	3.31e-05	-1.83e-07	0	
	9	0	0	-0.084994	0.000638	-3.57e-06	0	
	Dyn Y	0	0	0.038223	0.000287	2.16e-06	0	

96	1	0	0	-0.076256	0.000109	-4.4e-06	0	
	3	0	0	-0.097174	0.0003	-2.65e-05	0	
	4	0	0	-0.0352	0.000109	-9.59e-06	0	
	6	0	0	-0.059776	0.000448	-4.12e-06	0	
	7	0	0	-0.063213	0.000472	-1.14e-05	0	
	8	0	0	-0.004396	3.29e-05	-2.3e-07	0	
	9	0	0	-0.08475	0.000635	-4.47e-06	0	
	Dyn Y	0	0	0.038082	0.000285	2.47e-06	0	

97	1	0	0	-0.075975	0.000109	-4.56e-06	0	

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	3	0	0	-0.095426	0.0003	-2.74e-05	0
	4	0	0	-0.034567	0.000109	-9.93e-06	0
	6	0	0	-0.059512	0.000449	-4.54e-06	0
	7	0	0	-0.062544	0.000469	-1.03e-05	0
	8	0	0	-0.004381	3.31e-05	-2.7e-07	0
	9	0	0	-0.084456	0.000638	-5.22e-06	0
	Dyn Y	0	0	0.037924	0.000286	2.75e-06	0

98	1	0	0	-0.075661	0.000109	-4.61e-06	0
	3	0	0	-0.093595	0.0003	-2.75e-05	0
	4	0	0	-0.033904	0.000109	-9.95e-06	0
	6	0	0	-0.05922	0.000446	-4.91e-06	0
	7	0	0	-0.061954	0.000465	-8.82e-06	0
	8	0	0	-0.004363	3.29e-05	-3.18e-07	0
	9	0	0	-0.084104	0.000634	-6.16e-06	0
	Dyn Y	0	0	0.037745	0.000284	3.03e-06	0

99	1	0	0	-0.075382	0.000109	-4.58e-06	0
	3	0	0	-0.091885	0.0003	-2.72e-05	0
	4	0	0	-0.033285	0.000109	-9.86e-06	0
	6	0	0	-0.05885	0.000448	-7.02e-06	0
	7	0	0	-0.061399	0.000463	-9.06e-06	0
	8	0	0	-0.004338	3.31e-05	-4.97e-07	0
	9	0	0	-0.083617	0.000638	-9.58e-06	0
	Dyn Y	0	0	0.037514	0.000286	4.43e-06	0

100	1	0	0	-0.082125	0.000109	4.57e-06	0
	3	0	0	-0.11047	0.000299	2.75e-05	0
	4	0	0	-0.040016	0.000108	9.95e-06	0
	6	0	0	-0.086713	0.000447	5.31e-06	0
	7	0	0	-0.09027	0.000464	1.01e-05	0
	8	0	0	-0.006393	3.29e-05	3.38e-07	0
	9	0	0	-0.12324	0.000635	6.53e-06	0
	Dyn Y	0	0	0.055278	0.000285	3.27e-06	0

101	1	0	0	-0.082419	0.000109	4.64e-06	0
	3	0	0	-0.11222	0.000299	2.77e-05	0
	4	0	0	-0.040651	0.000108	1e-05	0
	6	0	0	-0.087062	0.000448	5.83e-06	0
	7	0	0	-0.090936	0.000466	1.13e-05	0
	8	0	0	-0.006415	3.3e-05	3.68e-07	0
	9	0	0	-0.12367	0.000636	7.13e-06	0
	Dyn Y	0	0	0.055493	0.000285	3.58e-06	0

102	1	0	0	-0.082716	0.000109	4.62e-06	0
	3	0	0	-0.11401	0.000299	2.77e-05	0
	4	0	0	-0.0413	0.000108	1e-05	0
	6	0	0	-0.087395	0.000447	5.12e-06	0
	7	0	0	-0.09171	0.000468	1.37e-05	0
	8	0	0	-0.006435	3.29e-05	2.86e-07	0
	9	0	0	-0.12405	0.000634	5.56e-06	0
	Dyn Y	0	0	0.055694	0.000285	3.07e-06	0

103	1	0	0	-0.083016	0.000109	4.46e-06	0
	3	0	0	-0.11581	0.0003	2.69e-05	0
	4	0	0	-0.041949	0.000109	9.73e-06	0
	6	0	0	-0.087705	0.000449	4.8e-06	0
	7	0	0	-0.092642	0.000473	1.64e-05	0
	8	0	0	-0.006451	3.31e-05	2.37e-07	0
	9	0	0	-0.12437	0.000637	4.62e-06	0
	Dyn Y	0	0	0.055878	0.000286	2.82e-06	0

104	1	0	0	-0.083295	0.000109	4.16e-06	0
	3	0	0	-0.1175	0.0003	2.51e-05	0
	4	0	0	-0.042563	0.000109	9.1e-06	0
	6	0	0	-0.087983	0.000448	4.45e-06	0
	7	0	0	-0.093719	0.000477	1.85e-05	0
	8	0	0	-0.006464	3.29e-05	2e-07	0
	9	0	0	-0.12462	0.000634	3.9e-06	0
	Dyn Y	0	0	0.056039	0.000285	2.58e-06	0

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105	1	0	0	-0.083554	0.000109	3.75e-06	0
	3	0	0	-0.11906	0.000301	2.27e-05	0
	4	0	0	-0.043127	0.000109	8.21e-06	0
	6	0	0	-0.088247	0.000451	4.03e-06	0
	7	0	0	-0.094916	0.000484	2.01e-05	0
	8	0	0	-0.006476	3.31e-05	1.63e-07	0
	9	0	0	-0.12484	0.000638	3.2e-06	0
	Dyn Y	0	0	0.056191	0.000287	2.32e-06	0
Nodo	cond	U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)
106	1	0	0	-0.083776	0.000109	3.26e-06	0
	3	0	0	-0.12041	0.000301	1.98e-05	0
	4	0	0	-0.043618	0.000109	7.16e-06	0
	6	0	0	-0.088474	0.000449	3.55e-06	0
	7	0	0	-0.09615	0.000489	1.99e-05	0
	8	0	0	-0.006484	3.29e-05	1.33e-07	0
	9	0	0	-0.12501	0.000635	2.63e-06	0
	Dyn Y	0	0	0.056319	0.000286	2.03e-06	0
107	1	0	0	-0.08397	0.000109	2.73e-06	0
	3	0	0	-0.12158	0.000302	1.66e-05	0
	4	0	0	-0.044041	0.000109	6e-06	0
	6	0	0	-0.08868	0.000452	3.02e-06	0
	7	0	0	-0.097351	0.000497	1.86e-05	0
	8	0	0	-0.006492	3.31e-05	1.05e-07	0
	9	0	0	-0.12516	0.000638	2.08e-06	0
	Dyn Y	0	0	0.056436	0.000288	1.73e-06	0
108	1	0	0	-0.084124	0.000109	2.19e-06	0
	3	0	0	-0.12252	0.000302	1.33e-05	0
	4	0	0	-0.044381	0.00011	4.81e-06	0
	6	0	0	-0.088842	0.000451	2.45e-06	0
	7	0	0	-0.098408	0.000499	1.57e-05	0
	8	0	0	-0.006497	3.3e-05	8.11e-08	0
	9	0	0	-0.12526	0.000635	1.61e-06	0
	Dyn Y	0	0	0.056528	0.000287	1.4e-06	0
109	1	0	0	-0.084247	0.000109	1.64e-06	0
	3	0	0	-0.12326	0.000303	9.96e-06	0
	4	0	0	-0.04465	0.00011	3.61e-06	0
	6	0	0	-0.088978	0.000453	1.86e-06	0
	7	0	0	-0.099283	0.000507	1.23e-05	0
	8	0	0	-0.006501	3.31e-05	5.86e-08	0
	9	0	0	-0.12535	0.000638	1.16e-06	0
	Dyn Y	0	0	0.056605	0.000288	1.06e-06	0
110	1	0	0	-0.08433	0.000109	1.09e-06	0
	3	0	0	-0.12377	0.000303	6.63e-06	0
	4	0	0	-0.044836	0.00011	2.4e-06	0
	6	0	0	-0.089068	0.000452	1.25e-06	0
	7	0	0	-0.099914	0.000507	8.35e-06	0
	8	0	0	-0.006504	3.3e-05	3.81e-08	0
	9	0	0	-0.1254	0.000636	7.57e-07	0
	Dyn Y	0	0	0.056655	0.000287	7.13e-07	0
111	1	0	0	-0.084384	0.000109	5.45e-07	0
	3	0	0	-0.1241	0.000303	3.31e-06	0
	4	0	0	-0.044952	0.00011	1.2e-06	0
	6	0	0	-0.08913	0.000454	6.27e-07	0
	7	0	0	-0.10031	0.000513	4.25e-06	0
	8	0	0	-0.006506	3.31e-05	1.87e-08	0
	9	0	0	-0.12544	0.000639	3.72e-07	0
	Dyn Y	0	0	0.056691	0.000289	3.59e-07	0
112	1	0	0	-0.084399	0.000109	-1.84e-18	0
	3	0	0	-0.12419	0.000303	4.59e-18	0
	4	0	0	-0.044987	0.00011	1.68e-18	0
	6	0	0	-0.089144	0.000452	-1.55e-17	0

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	7	0	0	-0.10044	0.00051	-2.68e-17	0
	8	0	0	-0.006506	3.3e-05	-1.06e-18	0
	9	0	0	-0.12544	0.000636	-2e-17	0
	Dyn Y	0	0	0.056698	0.000287	2.26e-10	0
113	1	0	0	-0.084384	0.000109	-5.45e-07	0
	3	0	0	-0.1241	0.000303	-3.31e-06	0
	4	0	0	-0.044952	0.00011	-1.2e-06	0
	6	0	0	-0.08913	0.000454	-6.27e-07	0
	7	0	0	-0.10031	0.000513	-4.25e-06	0
	8	0	0	-0.006506	3.31e-05	-1.87e-08	0
	9	0	0	-0.12544	0.000639	-3.72e-07	0
	Dyn Y	0	0	0.056691	0.000289	3.59e-07	0
114	1	0	0	-0.08433	0.000109	-1.09e-06	0
	3	0	0	-0.12377	0.000303	-6.63e-06	0
	4	0	0	-0.044836	0.00011	-2.4e-06	0
	6	0	0	-0.089068	0.000452	-1.25e-06	0
	7	0	0	-0.099914	0.000507	-8.35e-06	0
	8	0	0	-0.006504	3.3e-05	-3.81e-08	0
	9	0	0	-0.1254	0.000636	-7.57e-07	0
	Dyn Y	0	0	0.056655	0.000287	7.13e-07	0
115	1	0	0	-0.084247	0.000109	-1.64e-06	0
	3	0	0	-0.12326	0.000303	-9.96e-06	0
	4	0	0	-0.04465	0.00011	-3.61e-06	0
	6	0	0	-0.088978	0.000453	-1.86e-06	0
	7	0	0	-0.099283	0.000507	-1.23e-05	0
	8	0	0	-0.006501	3.31e-05	-5.86e-08	0
	9	0	0	-0.12535	0.000638	-1.16e-06	0
	Dyn Y	0	0	0.056605	0.000288	1.06e-06	0
116	1	0	0	-0.084124	0.000109	-2.19e-06	0
	3	0	0	-0.12252	0.000302	-1.33e-05	0
	4	0	0	-0.044381	0.00011	-4.81e-06	0
	6	0	0	-0.088842	0.000451	-2.45e-06	0
	7	0	0	-0.098408	0.000499	-1.57e-05	0
	8	0	0	-0.006497	3.3e-05	-8.11e-08	0
	9	0	0	-0.12526	0.000635	-1.61e-06	0
	Dyn Y	0	0	0.056528	0.000287	1.4e-06	0
117	1	0	0	-0.08397	0.000109	-2.73e-06	0
	3	0	0	-0.12158	0.000302	-1.66e-05	0
	4	0	0	-0.044041	0.000109	-6e-06	0
	6	0	0	-0.08868	0.000452	-3.02e-06	0
	7	0	0	-0.097351	0.000497	-1.86e-05	0
	8	0	0	-0.006492	3.31e-05	-1.05e-07	0
	9	0	0	-0.12516	0.000638	-2.08e-06	0
	Dyn Y	0	0	0.056436	0.000288	1.73e-06	0
118	1	0	0	-0.083776	0.000109	-3.26e-06	0
	3	0	0	-0.12041	0.000301	-1.98e-05	0
	4	0	0	-0.043618	0.000109	-7.16e-06	0
	6	0	0	-0.088474	0.000449	-3.55e-06	0
	7	0	0	-0.09615	0.000489	-1.99e-05	0
	8	0	0	-0.006484	3.29e-05	-1.33e-07	0
	9	0	0	-0.12501	0.000635	-2.63e-06	0
	Dyn Y	0	0	0.05632	0.000286	2.03e-06	0
119	1	0	0	-0.083554	0.000109	-3.75e-06	0
	3	0	0	-0.11906	0.000301	-2.27e-05	0
	4	0	0	-0.043127	0.000109	-8.21e-06	0
	6	0	0	-0.088247	0.000451	-4.03e-06	0
	7	0	0	-0.094916	0.000484	-2.01e-05	0
	8	0	0	-0.006476	3.31e-05	-1.63e-07	0
	9	0	0	-0.12484	0.000638	-3.2e-06	0
	Dyn Y	0	0	0.056191	0.000287	2.32e-06	0
120	1	0	0	-0.083295	0.000109	-4.16e-06	0
	3	0	0	-0.1175	0.0003	-2.51e-05	0

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		4	0	0	-0.042563	0.000109	-9.1e-06	0
		6	0	0	-0.087983	0.000448	-4.45e-06	0
		7	0	0	-0.093719	0.000477	-1.85e-05	0
		8	0	0	-0.006464	3.29e-05	-2e-07	0
		9	0	0	-0.12462	0.000634	-3.9e-06	0
		Dyn Y	0	0	0.056039	0.000285	2.58e-06	0

Nodo	cond		U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)

121	1		0	0	-0.083016	0.000109	-4.46e-06	0
	3		0	0	-0.11581	0.0003	-2.69e-05	0
	4		0	0	-0.041949	0.000109	-9.73e-06	0
	6		0	0	-0.087705	0.000449	-4.8e-06	0
	7		0	0	-0.092642	0.000473	-1.64e-05	0
	8		0	0	-0.006451	3.31e-05	-2.37e-07	0
	9		0	0	-0.12437	0.000637	-4.62e-06	0
	Dyn Y		0	0	0.055878	0.000286	2.82e-06	0

122	1		0	0	-0.082716	0.000109	-4.62e-06	0
	3		0	0	-0.11401	0.000299	-2.77e-05	0
	4		0	0	-0.0413	0.000108	-1e-05	0
	6		0	0	-0.087395	0.000447	-5.12e-06	0
	7		0	0	-0.09171	0.000468	-1.37e-05	0
	8		0	0	-0.006435	3.29e-05	-2.86e-07	0
	9		0	0	-0.12405	0.000634	-5.56e-06	0
	Dyn Y		0	0	0.055694	0.000285	3.07e-06	0

123	1		0	0	-0.082419	0.000109	-4.64e-06	0
	3		0	0	-0.11222	0.000299	-2.77e-05	0
	4		0	0	-0.040651	0.000108	-1e-05	0
	6		0	0	-0.087062	0.000448	-5.83e-06	0
	7		0	0	-0.090936	0.000466	-1.13e-05	0
	8		0	0	-0.006415	3.3e-05	-3.68e-07	0
	9		0	0	-0.12367	0.000636	-7.13e-06	0
	Dyn Y		0	0	0.055493	0.000285	3.58e-06	0

124	1		0	0	-0.082125	0.000109	-4.57e-06	0
	3		0	0	-0.11047	0.000299	-2.75e-05	0
	4		0	0	-0.040016	0.000108	-9.95e-06	0
	6		0	0	-0.086713	0.000447	-5.31e-06	0
	7		0	0	-0.09027	0.000464	-1.01e-05	0
	8		0	0	-0.006393	3.29e-05	-3.38e-07	0
	9		0	0	-0.12324	0.000635	-6.53e-06	0
	Dyn Y		0	0	0.055278	0.000285	3.27e-06	0

125	1		0	0	-0.054585	0.000112	4.22e-06	0
	3		0	0	-0.034937	0.000308	2.55e-05	0
	4		0	0	-0.012656	0.000111	9.25e-06	0
	6		0	0	0.023001	0.000429	5.18e-06	0
	7		0	0	0.023489	0.000451	1.5e-06	0
	8		0	0	0.0017	3.16e-05	4.22e-07	0
	9		0	0	0.032772	0.000609	8.12e-06	0
	Dyn Y		0	0	0.014672	0.000273	3.39e-06	0

126	1		0	0	-0.054854	0.000112	4.28e-06	0
	3		0	0	-0.036552	0.000308	2.57e-05	0
	4		0	0	-0.013241	0.000112	9.29e-06	0
	6		0	0	0.022757	0.00043	2.66e-06	0
	7		0	0	0.023444	0.000454	-7.25e-08	0
	8		0	0	0.00168	3.16e-05	2.27e-07	0
	9		0	0	0.032383	0.00061	4.37e-06	0
	Dyn Y		0	0	0.014511	0.000274	1.77e-06	0

127	1		0	0	-0.055123	0.000113	4.2e-06	0
	3		0	0	-0.038174	0.000309	2.52e-05	0
	4		0	0	-0.013828	0.000112	9.13e-06	0
	6		0	0	0.022582	0.000429	2.99e-06	0
	7		0	0	0.023465	0.000455	-5.02e-07	0
	8		0	0	0.001665	3.16e-05	2.59e-07	0
	9		0	0	0.032093	0.000608	4.98e-06	0

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	Dyn Y	0	0	0.014395	0.000273	1.99e-06	0
128	1	0	0	-0.055388	0.000113	4e-06	0
	3	0	0	-0.039765	0.00031	2.41e-05	0
	4	0	0	-0.014404	0.000112	8.74e-06	0
	6	0	0	0.022438	0.000431	1.76e-06	0
	7	0	0	0.023557	0.000459	-2.34e-06	0
	8	0	0	0.001652	3.17e-05	1.74e-07	0
	9	0	0	0.03184	0.000611	3.34e-06	0
	Dyn Y	0	0	0.014298	0.000275	1.22e-06	0
129	1	0	0	-0.055635	0.000113	3.71e-06	0
	3	0	0	-0.041258	0.000311	2.24e-05	0
	4	0	0	-0.014945	0.000113	8.11e-06	0
	6	0	0	0.02234	0.00043	1.55e-06	0
	7	0	0	0.023721	0.000461	-2.77e-06	0
	8	0	0	0.001642	3.16e-05	1.56e-07	0
	9	0	0	0.03165	0.000608	2.98e-06	0
	Dyn Y	0	0	0.014229	0.000274	1.08e-06	0
130	1	0	0	-0.055861	0.000113	3.33e-06	0
	3	0	0	-0.042624	0.000312	2.01e-05	0
	4	0	0	-0.01544	0.000113	7.29e-06	0
	6	0	0	0.022268	0.000432	8.79e-07	0
	7	0	0	0.023948	0.000466	-4.39e-06	0
	8	0	0	0.001634	3.17e-05	1.09e-07	0
	9	0	0	0.031498	0.000611	2.08e-06	0
	Dyn Y	0	0	0.014179	0.000275	6.53e-07	0
131	1	0	0	-0.056058	0.000113	2.9e-06	0
	3	0	0	-0.043819	0.000312	1.75e-05	0
	4	0	0	-0.015873	0.000113	6.35e-06	0
	6	0	0	0.022224	0.000431	6.99e-07	0
	7	0	0	0.024215	0.000468	-4e-06	0
	8	0	0	0.001628	3.16e-05	8.85e-08	0
	9	0	0	0.031387	0.000609	1.69e-06	0
	Dyn Y	0	0	0.014145	0.000274	5.21e-07	0
132	1	0	0	-0.056229	0.000113	2.43e-06	0
	3	0	0	-0.044846	0.000313	1.47e-05	0
	4	0	0	-0.016245	0.000113	5.33e-06	0
	6	0	0	0.022195	0.000433	3.39e-07	0
	7	0	0	0.024486	0.000474	-4.56e-06	0
	8	0	0	0.001624	3.17e-05	6.1e-08	0
	9	0	0	0.031303	0.000612	1.16e-06	0
	Dyn Y	0	0	0.014123	0.000276	2.9e-07	0
133	1	0	0	-0.056365	0.000113	1.95e-06	0
	3	0	0	-0.04568	0.000313	1.18e-05	0
	4	0	0	-0.016547	0.000113	4.28e-06	0
	6	0	0	0.02218	0.000432	2.49e-07	0
	7	0	0	0.024736	0.000475	-3.34e-06	0
	8	0	0	0.001621	3.16e-05	4.57e-08	0
	9	0	0	0.031245	0.000609	8.7e-07	0
	Dyn Y	0	0	0.01411	0.000275	2.15e-07	0
134	1	0	0	-0.056474	0.000113	1.46e-06	0
	3	0	0	-0.046335	0.000314	8.86e-06	0
	4	0	0	-0.016784	0.000114	3.21e-06	0
	6	0	0	0.022172	0.000434	8.45e-08	0
	7	0	0	0.024934	0.000481	-2.93e-06	0
	8	0	0	0.001618	3.17e-05	2.93e-08	0
	9	0	0	0.031204	0.000612	5.56e-07	0
	Dyn Y	0	0	0.014102	0.000276	1.05e-07	0
135	1	0	0	-0.056549	0.000113	9.73e-07	0
	3	0	0	-0.046796	0.000314	5.91e-06	0
	4	0	0	-0.016951	0.000114	2.14e-06	0
	6	0	0	0.02217	0.000432	6.02e-08	0
	7	0	0	0.025085	0.00048	-1.81e-06	0

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		8	0	0	0.001617	3.16e-05	1.89e-08	0
		9	0	0	0.031179	0.000609	3.58e-07	0
		Dyn Y	0	0	0.014099	0.000275	6.98e-08	0
Nodo	cond	U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)	
136	1	0	0	-0.056596	0.000113	4.86e-07	0	
	3	0	0	-0.047077	0.000314	2.95e-06	0	
	4	0	0	-0.017053	0.000114	1.07e-06	0	
	6	0	0	0.022169	0.000434	8.14e-09	0	
	7	0	0	0.025174	0.000485	-1.02e-06	0	
	8	0	0	0.001616	3.17e-05	8.54e-09	0	
	9	0	0	0.031164	0.000612	1.61e-07	0	
	Dyn Y	0	0	0.014097	0.000276	2.51e-08	0	
137	1	0	0	-0.05661	0.000113	-4.71e-17	0	
	3	0	0	-0.047166	0.000314	-1.29e-16	0	
	4	0	0	-0.017085	0.000114	-4.67e-17	0	
	6	0	0	0.022169	0.000433	-1.81e-16	0	
	7	0	0	0.025206	0.000482	-2.01e-16	0	
	8	0	0	0.001616	3.16e-05	-1.32e-17	0	
	9	0	0	0.03116	0.000609	-2.54e-16	0	
	Dyn Y	0	0	0.014097	0.000275	7.5e-11	0	
138	1	0	0	-0.056596	0.000113	-4.86e-07	0	
	3	0	0	-0.047077	0.000314	-2.95e-06	0	
	4	0	0	-0.017053	0.000114	-1.07e-06	0	
	6	0	0	0.022169	0.000434	-8.14e-09	0	
	7	0	0	0.025174	0.000485	1.02e-06	0	
	8	0	0	0.001616	3.17e-05	-8.54e-09	0	
	9	0	0	0.031164	0.000612	-1.61e-07	0	
	Dyn Y	0	0	0.014097	0.000276	2.52e-08	0	
139	1	0	0	-0.056549	0.000113	-9.73e-07	0	
	3	0	0	-0.046796	0.000314	-5.91e-06	0	
	4	0	0	-0.016951	0.000114	-2.14e-06	0	
	6	0	0	0.02217	0.000432	-6.02e-08	0	
	7	0	0	0.025085	0.00048	1.81e-06	0	
	8	0	0	0.001617	3.16e-05	-1.89e-08	0	
	9	0	0	0.031179	0.000609	-3.58e-07	0	
	Dyn Y	0	0	0.014099	0.000275	6.98e-08	0	
140	1	0	0	-0.056474	0.000113	-1.46e-06	0	
	3	0	0	-0.046335	0.000314	-8.86e-06	0	
	4	0	0	-0.016784	0.000114	-3.21e-06	0	
	6	0	0	0.022172	0.000434	-8.45e-08	0	
	7	0	0	0.024934	0.000481	2.93e-06	0	
	8	0	0	0.001618	3.17e-05	-2.93e-08	0	
	9	0	0	0.031204	0.000612	-5.56e-07	0	
	Dyn Y	0	0	0.014102	0.000276	1.05e-07	0	
141	1	0	0	-0.056365	0.000113	-1.95e-06	0	
	3	0	0	-0.04568	0.000313	-1.18e-05	0	
	4	0	0	-0.016547	0.000113	-4.28e-06	0	
	6	0	0	0.02218	0.000432	-2.49e-07	0	
	7	0	0	0.024736	0.000475	3.34e-06	0	
	8	0	0	0.001621	3.16e-05	-4.57e-08	0	
	9	0	0	0.031245	0.000609	-8.7e-07	0	
	Dyn Y	0	0	0.01411	0.000275	2.15e-07	0	
142	1	0	0	-0.056229	0.000113	-2.43e-06	0	
	3	0	0	-0.044846	0.000313	-1.47e-05	0	
	4	0	0	-0.016245	0.000113	-5.33e-06	0	
	6	0	0	0.022195	0.000433	-3.39e-07	0	
	7	0	0	0.024486	0.000474	4.56e-06	0	
	8	0	0	0.001624	3.17e-05	-6.1e-08	0	
	9	0	0	0.031303	0.000612	-1.16e-06	0	
	Dyn Y	0	0	0.014123	0.000276	2.9e-07	0	
143	1	0	0	-0.056058	0.000113	-2.9e-06	0	

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	3	0	0	-0.043819	0.000312	-1.75e-05	0
	4	0	0	-0.015873	0.000113	-6.35e-06	0
	6	0	0	0.022224	0.000431	-6.99e-07	0
	7	0	0	0.024215	0.000468	4e-06	0
	8	0	0	0.001628	3.16e-05	-8.85e-08	0
	9	0	0	0.031387	0.000609	-1.69e-06	0
	Dyn Y	0	0	0.014145	0.000274	5.21e-07	0

144	1	0	0	-0.055861	0.000113	-3.33e-06	0
	3	0	0	-0.042624	0.000312	-2.01e-05	0
	4	0	0	-0.015444	0.000113	-7.29e-06	0
	6	0	0	0.022268	0.000432	-8.79e-07	0
	7	0	0	0.023948	0.000466	4.39e-06	0
	8	0	0	0.001634	3.17e-05	-1.09e-07	0
	9	0	0	0.031498	0.000611	-2.08e-06	0
	Dyn Y	0	0	0.014179	0.000275	6.54e-07	0

145	1	0	0	-0.055635	0.000113	-3.71e-06	0
	3	0	0	-0.041258	0.000311	-2.24e-05	0
	4	0	0	-0.014945	0.000113	-8.11e-06	0
	6	0	0	0.02234	0.00043	-1.55e-06	0
	7	0	0	0.023721	0.000461	2.77e-06	0
	8	0	0	0.001642	3.16e-05	-1.56e-07	0
	9	0	0	0.03165	0.000608	-2.98e-06	0
	Dyn Y	0	0	0.01423	0.000274	1.08e-06	0

146	1	0	0	-0.055388	0.000113	-4e-06	0
	3	0	0	-0.039765	0.00031	-2.41e-05	0
	4	0	0	-0.014404	0.000112	-8.74e-06	0
	6	0	0	0.022438	0.000431	-1.76e-06	0
	7	0	0	0.023557	0.000459	2.34e-06	0
	8	0	0	0.001652	3.17e-05	-1.74e-07	0
	9	0	0	0.03184	0.000611	-3.34e-06	0
	Dyn Y	0	0	0.014298	0.000275	1.22e-06	0

147	1	0	0	-0.055123	0.000113	-4.2e-06	0
	3	0	0	-0.038174	0.000309	-2.52e-05	0
	4	0	0	-0.013828	0.000112	-9.13e-06	0
	6	0	0	0.022582	0.000429	-2.99e-06	0
	7	0	0	0.023465	0.000455	5.02e-07	0
	8	0	0	0.001665	3.16e-05	-2.59e-07	0
	9	0	0	0.032093	0.000608	-4.98e-06	0
	Dyn Y	0	0	0.014395	0.000273	1.99e-06	0

148	1	0	0	-0.054854	0.000112	-4.28e-06	0
	3	0	0	-0.036552	0.000308	-2.57e-05	0
	4	0	0	-0.013241	0.000112	-9.29e-06	0
	6	0	0	0.022757	0.00043	-2.66e-06	0
	7	0	0	0.023444	0.000454	7.25e-08	0
	8	0	0	0.00168	3.16e-05	-2.27e-07	0
	9	0	0	0.032383	0.00061	-4.37e-06	0
	Dyn Y	0	0	0.014511	0.000274	1.77e-06	0

149	1	0	0	-0.054585	0.000112	-4.22e-06	0
	3	0	0	-0.034937	0.000308	-2.55e-05	0
	4	0	0	-0.012656	0.000111	-9.25e-06	0
	6	0	0	0.023001	0.000429	-5.18e-06	0
	7	0	0	0.023489	0.000451	-1.5e-06	0
	8	0	0	0.0017	3.16e-05	-4.22e-07	0
	9	0	0	0.032772	0.000609	-8.12e-06	0
	Dyn Y	0	0	0.014672	0.000273	3.39e-06	0

150	1	0	0	-0.047545	0.000113	4.18e-06	0
	3	0	0	-0.015696	0.000308	2.51e-05	0
	4	0	0	-0.005686	0.000112	9.11e-06	0
	6	0	0	0.049404	0.000425	3.37e-06	0
	7	0	0	0.051344	0.00045	-1.12e-06	0
	8	0	0	0.003643	3.13e-05	2.96e-07	0
	9	0	0	0.070224	0.000603	5.68e-06	0
	Dyn Y	0	0	0.031495	0.000271	2.25e-06	0

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Nodo	cond	U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)
151	1	0	0	-0.047807	0.000113	4.15e-06	0
	3	0	0	-0.017269	0.000309	2.5e-05	0
	4	0	0	-0.006255	0.000112	9.05e-06	0
	6	0	0	0.049197	0.000425	3.31e-06	0
	7	0	0	0.051426	0.000451	-1.48e-06	0
	8	0	0	0.003625	3.12e-05	2.95e-07	0
	9	0	0	0.069872	0.000602	5.66e-06	0
	Dyn Y	0	0	0.031357	0.000271	2.22e-06	0
152	1	0	0	-0.048066	0.000113	4.06e-06	0
	3	0	0	-0.018832	0.000309	2.44e-05	0
	4	0	0	-0.006822	0.000112	8.85e-06	0
	6	0	0	0.049032	0.000426	2.08e-06	0
	7	0	0	0.051576	0.000453	-3.28e-06	0
	8	0	0	0.003609	3.13e-05	2.09e-07	0
	9	0	0	0.069575	0.000604	4e-06	0
	Dyn Y	0	0	0.031244	0.000271	1.45e-06	0
153	1	0	0	-0.048318	0.000113	3.87e-06	0
	3	0	0	-0.020348	0.00031	2.33e-05	0
	4	0	0	-0.007371	0.000112	8.43e-06	0
	6	0	0	0.048916	0.000425	1.71e-06	0
	7	0	0	0.051826	0.000455	-4.65e-06	0
	8	0	0	0.003597	3.12e-05	1.88e-07	0
	9	0	0	0.069342	0.000602	3.59e-06	0
	Dyn Y	0	0	0.031163	0.000271	1.22e-06	0
154	1	0	0	-0.048555	0.000113	3.58e-06	0
	3	0	0	-0.021778	0.000311	2.16e-05	0
	4	0	0	-0.007889	0.000113	7.82e-06	0
	6	0	0	0.048839	0.000427	9.15e-07	0
	7	0	0	0.052176	0.000459	-6.47e-06	0
	8	0	0	0.003587	3.13e-05	1.35e-07	0
	9	0	0	0.069157	0.000604	2.58e-06	0
	Dyn Y	0	0	0.031106	0.000272	7.32e-07	0
155	1	0	0	-0.048771	0.000113	3.22e-06	0
	3	0	0	-0.023084	0.000311	1.94e-05	0
	4	0	0	-0.008362	0.000113	7.04e-06	0
	6	0	0	0.048797	0.000426	5.62e-07	0
	7	0	0	0.052604	0.00046	-7.18e-06	0
	8	0	0	0.00358	3.12e-05	1.08e-07	0
	9	0	0	0.069018	0.000602	2.05e-06	0
	Dyn Y	0	0	0.03107	0.000271	5.05e-07	0
156	1	0	0	-0.048963	0.000113	2.8e-06	0
	3	0	0	-0.02424	0.000312	1.69e-05	0
	4	0	0	-0.008781	0.000113	6.14e-06	0
	6	0	0	0.04878	0.000428	1.4e-07	0
	7	0	0	0.053079	0.000465	-7.93e-06	0
	8	0	0	0.003575	3.14e-05	7.56e-08	0
	9	0	0	0.068917	0.000605	1.43e-06	0
	Dyn Y	0	0	0.031051	0.000272	2.48e-07	0
157	1	0	0	-0.049126	0.000113	2.36e-06	0
	3	0	0	-0.025227	0.000313	1.43e-05	0
	4	0	0	-0.009138	0.000113	5.17e-06	0
	6	0	0	0.04878	0.000426	-2.44e-08	0
	7	0	0	0.053557	0.000466	-7.32e-06	0
	8	0	0	0.003571	3.12e-05	5.57e-08	0
	9	0	0	0.068844	0.000602	1.05e-06	0
	Dyn Y	0	0	0.031044	0.000271	1.45e-07	0
158	1	0	0	-0.04926	0.000113	1.89e-06	0
	3	0	0	-0.026039	0.000313	1.15e-05	0
	4	0	0	-0.009432	0.000113	4.15e-06	0
	6	0	0	0.04879	0.000429	-1.8e-07	0

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	7	0	0	0.053998	0.000471	-6.69e-06	0
	8	0	0	0.003568	3.14e-05	3.69e-08	0
	9	0	0	0.068795	0.000605	6.91e-07	0
	Dyn Y	0	0	0.031044	0.000273	1.04e-07	0
159	1	0	0	-0.049363	0.000113	1.42e-06	0
	3	0	0	-0.02667	0.000313	8.6e-06	0
	4	0	0	-0.009661	0.000113	3.11e-06	0
	6	0	0	0.048803	0.000427	-1.86e-07	0
	7	0	0	0.054369	0.000471	-5.16e-06	0
	8	0	0	0.003566	3.13e-05	2.48e-08	0
	9	0	0	0.068763	0.000603	4.62e-07	0
	Dyn Y	0	0	0.031048	0.000272	9.3e-08	0
160	1	0	0	-0.049438	0.000113	9.44e-07	0
	3	0	0	-0.02712	0.000313	5.73e-06	0
	4	0	0	-0.009824	0.000114	2.08e-06	0
	6	0	0	0.048817	0.000429	-1.73e-07	0
	7	0	0	0.054646	0.000476	-3.67e-06	0
	8	0	0	0.003565	3.14e-05	1.43e-08	0
	9	0	0	0.068743	0.000605	2.64e-07	0
	Dyn Y	0	0	0.031053	0.000273	8.49e-08	0
161	1	0	0	-0.049482	0.000113	4.72e-07	0
	3	0	0	-0.027389	0.000314	2.86e-06	0
	4	0	0	-0.009921	0.000114	1.04e-06	0
	6	0	0	0.048826	0.000428	-9.03e-08	0
	7	0	0	0.054818	0.000474	-1.83e-06	0
	8	0	0	0.003565	3.13e-05	6.81e-09	0
	9	0	0	0.068732	0.000603	1.26e-07	0
	Dyn Y	0	0	0.031057	0.000272	4.44e-08	0
162	1	0	0	-0.049497	0.000113	-5.65e-17	0
	3	0	0	-0.027479	0.000314	-1.57e-16	0
	4	0	0	-0.009954	0.000114	-5.68e-17	0
	6	0	0	0.04883	0.00043	-2.15e-16	0
	7	0	0	0.054876	0.000477	-2.36e-16	0
	8	0	0	0.003565	3.14e-05	-1.57e-17	0
	9	0	0	0.06873	0.000605	-3.03e-16	0
	Dyn Y	0	0	0.031058	0.000273	1.41e-10	0
163	1	0	0	-0.049482	0.000113	-4.72e-07	0
	3	0	0	-0.027389	0.000314	-2.86e-06	0
	4	0	0	-0.009921	0.000114	-1.04e-06	0
	6	0	0	0.048826	0.000428	9.03e-08	0
	7	0	0	0.054818	0.000474	1.83e-06	0
	8	0	0	0.003565	3.13e-05	-6.81e-09	0
	9	0	0	0.068732	0.000603	-1.26e-07	0
	Dyn Y	0	0	0.031057	0.000272	4.42e-08	0
164	1	0	0	-0.049438	0.000113	-9.44e-07	0
	3	0	0	-0.02712	0.000313	-5.73e-06	0
	4	0	0	-0.009824	0.000114	-2.08e-06	0
	6	0	0	0.048817	0.000429	1.73e-07	0
	7	0	0	0.054646	0.000476	3.67e-06	0
	8	0	0	0.003565	3.14e-05	-1.43e-08	0
	9	0	0	0.068743	0.000605	-2.64e-07	0
	Dyn Y	0	0	0.031053	0.000273	8.47e-08	0
165	1	0	0	-0.049363	0.000113	-1.42e-06	0
	3	0	0	-0.02667	0.000313	-8.6e-06	0
	4	0	0	-0.009661	0.000113	-3.11e-06	0
	6	0	0	0.048803	0.000427	1.86e-07	0
	7	0	0	0.054369	0.000471	5.16e-06	0
	8	0	0	0.003566	3.13e-05	-2.48e-08	0
	9	0	0	0.068763	0.000603	-4.62e-07	0
	Dyn Y	0	0	0.031048	0.000272	9.28e-08	0
Nodo	cond	U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)

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166	1	0	0	-0.04926	0.000113	-1.89e-06	0
	3	0	0	-0.026039	0.000313	-1.15e-05	0
	4	0	0	-0.009432	0.000113	-4.15e-06	0
	6	0	0	0.04879	0.000429	1.8e-07	0
	7	0	0	0.053998	0.000471	6.69e-06	0
	8	0	0	0.003568	3.14e-05	-3.69e-08	0
	9	0	0	0.068795	0.000605	-6.91e-07	0
	Dyn Y	0	0	0.031044	0.000273	1.04e-07	0

167	1	0	0	-0.049126	0.000113	-2.36e-06	0
	3	0	0	-0.025227	0.000313	-1.43e-05	0
	4	0	0	-0.009138	0.000113	-5.17e-06	0
	6	0	0	0.04878	0.000426	2.44e-08	0
	7	0	0	0.053557	0.000466	7.32e-06	0
	8	0	0	0.003571	3.12e-05	-5.57e-08	0
	9	0	0	0.068844	0.000602	-1.05e-06	0
	Dyn Y	0	0	0.031044	0.000271	1.46e-07	0

168	1	0	0	-0.048963	0.000113	-2.8e-06	0
	3	0	0	-0.02424	0.000312	-1.69e-05	0
	4	0	0	-0.008781	0.000113	-6.14e-06	0
	6	0	0	0.04878	0.000428	-1.4e-07	0
	7	0	0	0.053079	0.000465	7.93e-06	0
	8	0	0	0.003575	3.14e-05	-7.56e-08	0
	9	0	0	0.068917	0.000605	-1.43e-06	0
	Dyn Y	0	0	0.031052	0.000272	2.48e-07	0

169	1	0	0	-0.048771	0.000113	-3.22e-06	0
	3	0	0	-0.023084	0.000311	-1.94e-05	0
	4	0	0	-0.008362	0.000113	-7.04e-06	0
	6	0	0	0.048797	0.000426	-5.62e-07	0
	7	0	0	0.052604	0.00046	7.18e-06	0
	8	0	0	0.00358	3.12e-05	-1.08e-07	0
	9	0	0	0.069018	0.000602	-2.05e-06	0
	Dyn Y	0	0	0.03107	0.000271	5.05e-07	0

170	1	0	0	-0.048555	0.000113	-3.58e-06	0
	3	0	0	-0.021778	0.000311	-2.16e-05	0
	4	0	0	-0.007889	0.000113	-7.82e-06	0
	6	0	0	0.048839	0.000427	-9.15e-07	0
	7	0	0	0.052176	0.000459	6.47e-06	0
	8	0	0	0.003587	3.13e-05	-1.35e-07	0
	9	0	0	0.069157	0.000604	-2.58e-06	0
	Dyn Y	0	0	0.031106	0.000272	7.32e-07	0

171	1	0	0	-0.048318	0.000113	-3.87e-06	0
	3	0	0	-0.020348	0.00031	-2.33e-05	0
	4	0	0	-0.007371	0.000112	-8.43e-06	0
	6	0	0	0.048916	0.000425	-1.71e-06	0
	7	0	0	0.051826	0.000455	4.65e-06	0
	8	0	0	0.003597	3.12e-05	-1.88e-07	0
	9	0	0	0.069342	0.000602	-3.59e-06	0
	Dyn Y	0	0	0.031163	0.000271	1.22e-06	0

172	1	0	0	-0.048066	0.000113	-4.06e-06	0
	3	0	0	-0.018832	0.000309	-2.44e-05	0
	4	0	0	-0.006822	0.000112	-8.85e-06	0
	6	0	0	0.049032	0.000426	-2.08e-06	0
	7	0	0	0.051576	0.000453	3.28e-06	0
	8	0	0	0.003609	3.13e-05	-2.09e-07	0
	9	0	0	0.069575	0.000604	-4e-06	0
	Dyn Y	0	0	0.031244	0.000271	1.45e-06	0

173	1	0	0	-0.047807	0.000113	-4.15e-06	0
	3	0	0	-0.017269	0.000309	-2.5e-05	0
	4	0	0	-0.006255	0.000112	-9.05e-06	0
	6	0	0	0.049197	0.000425	-3.31e-06	0
	7	0	0	0.051426	0.000451	1.48e-06	0
	8	0	0	0.003625	3.12e-05	-2.95e-07	0
	9	0	0	0.069872	0.000602	-5.66e-06	0

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	Dyn Y	0	0	0.031357	0.000271	2.22e-06	0
174	1	0	0	-0.047545	0.000113	-4.18e-06	0
	3	0	0	-0.015696	0.000308	-2.51e-05	0
	4	0	0	-0.005686	0.000112	-9.11e-06	0
	6	0	0	0.049404	0.000425	-3.37e-06	0
	7	0	0	0.051344	0.00045	1.12e-06	0
	8	0	0	0.003643	3.13e-05	-2.96e-07	0
	9	0	0	0.070224	0.000603	-5.68e-06	0
	Dyn Y	0	0	0.031495	0.000271	2.25e-06	0
175	1	0	0	-0.037708	0.000113	4.1e-06	0
	3	0	0	0.011231	0.000308	2.47e-05	0
	4	0	0	0.004068	0.000112	8.94e-06	0
	6	0	0	0.086291	0.000423	3.24e-06	0
	7	0	0	0.090447	0.000449	-2.66e-06	0
	8	0	0	0.006355	3.11e-05	2.99e-07	0
	9	0	0	0.12251	0.000599	5.74e-06	0
	Dyn Y	0	0	0.054995	0.000269	2.2e-06	0
176	1	0	0	-0.037963	0.000113	4.05e-06	0
	3	0	0	0.009694	0.000308	2.44e-05	0
	4	0	0	0.003512	0.000112	8.84e-06	0
	6	0	0	0.086111	0.000424	2.56e-06	0
	7	0	0	0.090648	0.00045	-3.74e-06	0
	8	0	0	0.006338	3.11e-05	2.52e-07	0
	9	0	0	0.12219	0.0006	4.83e-06	0
	Dyn Y	0	0	0.054872	0.00027	1.77e-06	0
177	1	0	0	-0.038214	0.000113	3.92e-06	0
	3	0	0	0.008183	0.000309	2.36e-05	0
	4	0	0	0.002964	0.000112	8.54e-06	0
	6	0	0	0.085969	0.000423	2.01e-06	0
	7	0	0	0.090943	0.000451	-5.73e-06	0
	8	0	0	0.006324	3.11e-05	2.23e-07	0
	9	0	0	0.1219	0.000599	4.27e-06	0
	Dyn Y	0	0	0.054773	0.000269	1.44e-06	0
178	1	0	0	-0.038455	0.000113	3.71e-06	0
	3	0	0	0.00673	0.000309	2.23e-05	0
	4	0	0	0.002438	0.000112	8.09e-06	0
	6	0	0	0.08588	0.000425	1.06e-06	0
	7	0	0	0.091382	0.000454	-8.23e-06	0
	8	0	0	0.006312	3.12e-05	1.65e-07	0
	9	0	0	0.12168	0.000601	3.15e-06	0
	Dyn Y	0	0	0.054705	0.00027	8.7e-07	0
179	1	0	0	-0.038681	0.000113	3.42e-06	0
	3	0	0	0.005367	0.00031	2.07e-05	0
	4	0	0	0.001944	0.000112	7.48e-06	0
	6	0	0	0.085832	0.000423	4.9e-07	0
	7	0	0	0.091953	0.000456	-1.01e-05	0
	8	0	0	0.006303	3.11e-05	1.31e-07	0
	9	0	0	0.12151	0.000599	2.48e-06	0
	Dyn Y	0	0	0.054663	0.00027	5.32e-07	0
180	1	0	0	-0.038887	0.000113	3.08e-06	0
	3	0	0	0.004122	0.000311	1.86e-05	0
	4	0	0	0.001493	0.000113	6.73e-06	0
	6	0	0	0.085827	0.000425	-8.56e-08	0
	7	0	0	0.092633	0.00046	-1.16e-05	0
	8	0	0	0.006296	3.12e-05	9.21e-08	0
	9	0	0	0.12139	0.000602	1.73e-06	0
	Dyn Y	0	0	0.054648	0.000271	2.31e-07	0
Nodo	cond	U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)
181	1	0	0	-0.039069	0.000113	2.68e-06	0
	3	0	0	0.00302	0.000311	1.62e-05	0
	4	0	0	0.001094	0.000113	5.87e-06	0

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	6	0	0	0.085843	0.000424	-3.94e-07	0
	7	0	0	0.093363	0.000461	-1.19e-05	0
	8	0	0	0.006291	3.11e-05	6.6e-08	0
	9	0	0	0.1213	0.000599	1.23e-06	0
	Dyn Y	0	0	0.054646	0.00027	1.94e-07	0

182	1	0	0	-0.039225	0.000113	2.25e-06	0
	3	0	0	0.002076	0.000312	1.36e-05	0
	4	0	0	0.000752	0.000113	4.94e-06	0
	6	0	0	0.085881	0.000426	-6.12e-07	0
	7	0	0	0.094101	0.000466	-1.16e-05	0
	8	0	0	0.006289	3.12e-05	4.31e-08	0
	9	0	0	0.12124	0.000602	7.94e-07	0
	Dyn Y	0	0	0.05466	0.000271	2.82e-07	0

183	1	0	0	-0.039353	0.000113	1.81e-06	0
	3	0	0	0.0013	0.000312	1.1e-05	0
	4	0	0	0.000471	0.000113	3.97e-06	0
	6	0	0	0.08592	0.000425	-6.44e-07	0
	7	0	0	0.094776	0.000466	-1.02e-05	0
	8	0	0	0.006286	3.11e-05	2.8e-08	0
	9	0	0	0.1212	0.0006	5.07e-07	0
	Dyn Y	0	0	0.054675	0.00027	3.09e-07	0

184	1	0	0	-0.039453	0.000113	1.36e-06	0
	3	0	0	0.000696	0.000312	8.23e-06	0
	4	0	0	0.000252	0.000113	2.98e-06	0
	6	0	0	0.085965	0.000427	-5.95e-07	0
	7	0	0	0.095359	0.000471	-8.29e-06	0
	8	0	0	0.006285	3.12e-05	1.63e-08	0
	9	0	0	0.12119	0.000602	2.89e-07	0
	Dyn Y	0	0	0.054696	0.000272	2.96e-07	0

185	1	0	0	-0.039524	0.000113	9.04e-07	0
	3	0	0	0.000265	0.000313	5.49e-06	0
	4	0	0	9.61e-05	0.000113	1.99e-06	0
	6	0	0	0.085995	0.000425	-4.38e-07	0
	7	0	0	0.095792	0.00047	-5.74e-06	0
	8	0	0	0.006285	3.11e-05	9.07e-09	0
	9	0	0	0.12117	0.0006	1.57e-07	0
	Dyn Y	0	0	0.05471	0.000271	2.21e-07	0

186	1	0	0	-0.039567	0.000113	4.52e-07	0
	3	0	0	7.21e-06	0.000313	2.74e-06	0
	4	0	0	2.61e-06	0.000113	9.93e-07	0
	6	0	0	0.086021	0.000427	-2.37e-07	0
	7	0	0	0.09607	0.000474	-2.97e-06	0
	8	0	0	0.006285	3.13e-05	3.82e-09	0
	9	0	0	0.12117	0.000603	6.46e-08	0
	Dyn Y	0	0	0.054723	0.000272	1.21e-07	0

187	1	0	0	-0.039581	0.000113	-6.78e-17	0
	3	0	0	-7.85e-05	0.000313	-1.91e-16	0
	4	0	0	-2.84e-05	0.000113	-6.92e-17	0
	6	0	0	0.086025	0.000426	-2.55e-16	0
	7	0	0	0.096157	0.000472	-2.78e-16	0
	8	0	0	0.006284	3.11e-05	-1.87e-17	0
	9	0	0	0.12116	0.0006	-3.61e-16	0
	Dyn Y	0	0	0.054724	0.000271	2.47e-10	0

188	1	0	0	-0.039567	0.000113	-4.52e-07	0
	3	0	0	7.21e-06	0.000313	-2.74e-06	0
	4	0	0	2.61e-06	0.000113	-9.93e-07	0
	6	0	0	0.086021	0.000427	2.37e-07	0
	7	0	0	0.09607	0.000474	2.97e-06	0
	8	0	0	0.006285	3.13e-05	-3.82e-09	0
	9	0	0	0.12117	0.000603	-6.46e-08	0
	Dyn Y	0	0	0.054723	0.000272	1.21e-07	0

189	1	0	0	-0.039524	0.000113	-9.04e-07	0

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	3	0	0	0.000265	0.000313	-5.49e-06	0
	4	0	0	9.61e-05	0.000113	-1.99e-06	0
	6	0	0	0.085995	0.000425	4.38e-07	0
	7	0	0	0.095792	0.00047	5.74e-06	0
	8	0	0	0.006285	3.11e-05	-9.07e-09	0
	9	0	0	0.12117	0.0006	-1.57e-07	0
	Dyn Y	0	0	0.05471	0.000271	2.21e-07	0

190	1	0	0	-0.039453	0.000113	-1.36e-06	0
	3	0	0	0.000696	0.000312	-8.23e-06	0
	4	0	0	0.000252	0.000113	-2.98e-06	0
	6	0	0	0.085965	0.000427	5.95e-07	0
	7	0	0	0.095359	0.000471	8.29e-06	0
	8	0	0	0.006285	3.12e-05	-1.63e-08	0
	9	0	0	0.12119	0.000602	-2.89e-07	0
	Dyn Y	0	0	0.054696	0.000272	2.95e-07	0

191	1	0	0	-0.039353	0.000113	-1.81e-06	0
	3	0	0	0.0013	0.000312	-1.1e-05	0
	4	0	0	0.000471	0.000113	-3.97e-06	0
	6	0	0	0.08592	0.000425	6.44e-07	0
	7	0	0	0.094776	0.000466	1.02e-05	0
	8	0	0	0.006286	3.11e-05	-2.8e-08	0
	9	0	0	0.1212	0.0006	-5.07e-07	0
	Dyn Y	0	0	0.054675	0.00027	3.09e-07	0

192	1	0	0	-0.039225	0.000113	-2.25e-06	0
	3	0	0	0.002076	0.000312	-1.36e-05	0
	4	0	0	0.000752	0.000113	-4.94e-06	0
	6	0	0	0.085881	0.000426	6.12e-07	0
	7	0	0	0.094101	0.000466	1.16e-05	0
	8	0	0	0.006289	3.12e-05	-4.31e-08	0
	9	0	0	0.12124	0.000602	-7.94e-07	0
	Dyn Y	0	0	0.05466	0.000271	2.81e-07	0

193	1	0	0	-0.039069	0.000113	-2.68e-06	0
	3	0	0	0.00302	0.000311	-1.62e-05	0
	4	0	0	0.001094	0.000113	-5.87e-06	0
	6	0	0	0.085843	0.000424	3.94e-07	0
	7	0	0	0.093363	0.000461	1.19e-05	0
	8	0	0	0.006291	3.11e-05	-6.6e-08	0
	9	0	0	0.1213	0.000599	-1.23e-06	0
	Dyn Y	0	0	0.054646	0.00027	1.93e-07	0

194	1	0	0	-0.038887	0.000113	-3.08e-06	0
	3	0	0	0.004122	0.000311	-1.86e-05	0
	4	0	0	0.001493	0.000113	-6.73e-06	0
	6	0	0	0.085827	0.000425	8.56e-08	0
	7	0	0	0.092633	0.00046	1.16e-05	0
	8	0	0	0.006296	3.12e-05	-9.21e-08	0
	9	0	0	0.12139	0.000602	-1.73e-06	0
	Dyn Y	0	0	0.054648	0.000271	2.32e-07	0

195	1	0	0	-0.038681	0.000113	-3.42e-06	0
	3	0	0	0.005367	0.00031	-2.07e-05	0
	4	0	0	0.001944	0.000112	-7.48e-06	0
	6	0	0	0.085832	0.000423	-4.9e-07	0
	7	0	0	0.091953	0.000456	1.01e-05	0
	8	0	0	0.006303	3.11e-05	-1.31e-07	0
	9	0	0	0.12151	0.000599	-2.48e-06	0
	Dyn Y	0	0	0.054664	0.00027	5.33e-07	0

Nodo	cond	U (X)	U (Y)	U (Z)	R (X)	R (Y)	R (Z)

196	1	0	0	-0.038455	0.000113	-3.71e-06	0
	3	0	0	0.00673	0.000309	-2.23e-05	0
	4	0	0	0.002438	0.000112	-8.09e-06	0
	6	0	0	0.08588	0.000425	-1.06e-06	0
	7	0	0	0.091382	0.000454	8.23e-06	0
	8	0	0	0.006312	3.12e-05	-1.65e-07	0

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	9	0	0	0.12168	0.000601	-3.15e-06	0
	Dyn Y	0	0	0.054705	0.00027	8.71e-07	0

197	1	0	0	-0.038214	0.000113	-3.92e-06	0
	3	0	0	0.008183	0.000309	-2.36e-05	0
	4	0	0	0.002964	0.000112	-8.54e-06	0
	6	0	0	0.085969	0.000423	-2.01e-06	0
	7	0	0	0.090943	0.000451	5.73e-06	0
	8	0	0	0.006324	3.11e-05	-2.23e-07	0
	9	0	0	0.1219	0.000599	-4.27e-06	0
	Dyn Y	0	0	0.054773	0.000269	1.44e-06	0

198	1	0	0	-0.037963	0.000113	-4.05e-06	0
	3	0	0	0.009694	0.000308	-2.44e-05	0
	4	0	0	0.003512	0.000112	-8.84e-06	0
	6	0	0	0.086111	0.000424	-2.56e-06	0
	7	0	0	0.090648	0.00045	3.74e-06	0
	8	0	0	0.006338	3.11e-05	-2.52e-07	0
	9	0	0	0.12219	0.0006	-4.83e-06	0
	Dyn Y	0	0	0.054872	0.00027	1.77e-06	0

199	1	0	0	-0.037708	0.000113	-4.1e-06	0
	3	0	0	0.011231	0.000308	-2.47e-05	0
	4	0	0	0.004068	0.000112	-8.94e-06	0
	6	0	0	0.086291	0.000423	-3.24e-06	0
	7	0	0	0.090447	0.000449	2.66e-06	0
	8	0	0	0.006355	3.11e-05	-2.99e-07	0
	9	0	0	0.12251	0.000599	-5.74e-06	0
	Dyn Y	0	0	0.054995	0.000269	2.2e-06	0

Azioni aste: Combinazioni Stati Limite Ultimi.

Unita': KN e KN*m

Nelle opzioni del programma, si è scelto di utilizzare nei calcoli solo le 12 combinazioni coi massimi e minimi di ogni azione:

Nmax, Nmin, T22max, T22min, T33max, T33min, M33max, M33min, M22max, M22min, Tormax, Tormin.

Vengono stampate solo quelle combinazioni non nulle.

Vengono stampate solo le combinazioni coi massimi e minimi di ogni azione.

N: azione normale (negativa se di compressione)

T22: taglio in direzione dell'asse 2 (Ty nella sezione vista dal nodo finale)

T33: taglio in direzione dell'asse 3 (-Tx '' '' '' '' ''

) M33: momento flettente di rotazione attorno all'asse 3 (-Mx '' '' '' '' ''

) M22: momento flettente di rotazione attorno all'asse 2 (-My '' '' '' '' ''

)

M33*, M22*: momenti che sostituiscono M33 e M22 nei pilastri per la gerarchia delle resistenze.

Se entrambi sono diversi da M33 e M22, vengono utilizzate 2 combinazioni con M33*, M22 e M33, M22*.

Le ultime combinazioni di ogni sezione sono per la verifica al taglio, calcolato con la gerarchia delle resistenze.

Asta n. 1

Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-246.28	63.64	130.18	-15.36	9.21	-0.86
		2	-314.09	63.70	130.34	-19.82	12.13	-0.88
		3	-249.16	67.73	207.23	-16.50	9.17	-8.73
		4	-183.11	114.52	260.34	-11.63	6.79	-1.54
		5	-183.11	1901.00	0.01	0.00	0.01	0.00

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	6	-183.11	-1901.00	0.01	0.00	0.01	0.00		
	7	-183.11	0.00	0.01	1805.25	0.01	0.00		
	8	-183.11	0.00	0.01	-1805.25	0.01	0.00		
107.5	1	-233.47	52.78	65.66	-15.36	25.72	-0.86		
	2	-301.28	52.84	65.76	-19.82	33.44	-0.88		
	3	-236.35	56.87	138.32	-16.50	26.90	-8.73		
	4	-173.62	106.04	140.27	-11.63	19.95	-1.54	35.06	
0.35									
	5	-173.62	1901.00	0.01	0.00	0.01	0.00		
	6	-173.62	-1901.00	0.01	0.00	0.01	0.00		
	7	-173.62	0.00	0.01	1805.25	0.01	0.00		
	8	-173.62	0.00	0.01	-1805.25	0.01	0.00		
215.0	1	-220.66	20.20	24.49	-15.36	42.24	-0.86		
	2	-288.46	20.26	24.52	-19.82	54.75	-0.88		
	3	-223.53	24.29	92.75	-16.50	44.64	-8.73		
	4	-164.13	80.61	38.51	-11.63	33.23	-1.54	6.58	
0.75									
	5	-164.13	1901.00	0.01	0.00	0.01	0.00		
	6	-164.13	-1901.00	0.01	0.00	0.01	0.00		
	7	-164.13	0.00	0.01	1805.25	0.01	0.00		
	8	-164.13	0.00	0.01	-1805.25	0.01	0.00		
Asta n. 2									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*									
	0.0	1	-403.27	66.76	131.86	-9.99	3.63	-0.78	
		2	-521.24	66.80	131.95	-12.82	4.73	-0.80	
		3	-403.46	99.07	226.79	-11.41	3.82	-8.72	
		4	-297.69	126.26	267.07	-7.64	2.81	-1.35	
		5	-297.69	1901.00	0.01	0.00	0.01	0.00	
		6	-297.69	-1901.00	0.01	0.00	0.01	0.00	
		7	-297.69	0.00	0.01	1805.25	0.01	0.00	
		8	-297.69	0.00	0.01	-1805.25	0.01	0.00	
107.5		1	-390.46	55.90	63.99	-9.99	14.37	-0.78	
		2	-508.42	55.94	64.03	-12.82	18.50	-0.80	
		3	-390.65	88.21	124.19	-11.41	16.08	-8.72	
		4	-288.19	117.78	134.38	-7.64	11.73	-1.35	15.95
54.84									
		5	-288.19	1901.00	0.01	0.00	0.01	0.00	
		6	-288.19	-1901.00	0.01	0.00	0.01	0.00	
		7	-288.19	0.00	0.01	1805.25	0.01	0.00	
		8	-288.19	0.00	0.01	-1805.25	0.01	0.00	
215.0		1	-377.65	23.33	19.45	-9.99	25.11	-0.78	
		2	-495.61	23.36	19.46	-12.82	32.28	-0.80	
		3	-377.84	55.63	44.93	-11.41	28.34	-8.72	
		4	-278.70	92.35	19.96	-7.64	20.66	-1.35	17.89
56.02									
		5	-278.70	1901.00	0.01	0.00	0.01	0.00	
		6	-278.70	-1901.00	0.01	0.00	0.01	0.00	
		7	-278.70	0.00	0.01	1805.25	0.01	0.00	
		8	-278.70	0.00	0.01	-1805.25	0.01	0.00	
Asta n. 3									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*									
	0.0	1	-421.74	68.63	133.50	-6.42	0.98	-0.62	
		2	-545.27	68.63	133.51	-8.22	1.25	-0.64	
		3	-421.69	123.57	249.97	-7.94	1.17	-8.40	
		4	-311.77	133.74	274.04	-4.94	0.83	-1.04	
		5	-311.77	1901.00	0.01	0.00	0.01	0.00	
		6	-311.77	-1901.00	0.01	0.00	0.01	0.00	
		7	-311.77	0.00	0.01	1805.25	0.01	0.00	
		8	-311.77	0.00	0.01	-1805.25	0.01	0.00	
107.5		1	-408.92	57.77	63.62	-6.42	7.88	-0.62	
		2	-532.46	57.77	63.62	-8.22	10.09	-0.64	
		3	-408.87	112.71	121.03	-7.94	9.71	-8.40	
		4	-302.28	125.26	133.31	-4.94	6.66	-1.04	15.10
56.43									
		5	-302.28	1901.00	0.01	0.00	0.01	0.00	
		6	-302.28	-1901.00	0.01	0.00	0.01	0.00	

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	7	-302.28	0.00	0.01	1805.25	0.01	0.00		
	8	-302.28	0.00	0.01	-1805.25	0.01	0.00		
215.0	1	-396.11	25.19	17.08	-6.42	14.78	-0.62		
	2	-519.64	25.20	17.08	-8.22	18.94	-0.64		
	3	-396.06	80.13	15.43	-7.94	18.25	-8.40		
	4	-292.79	99.83	12.29	-4.94	12.49	-1.04	18.53	
55.93	5	-292.79	1901.00	0.01	0.00	0.01	0.00		
	6	-292.79	-1901.00	0.01	0.00	0.01	0.00		
	7	-292.79	0.00	0.01	1805.25	0.01	0.00		
	8	-292.79	0.00	0.01	-1805.25	0.01	0.00		
Asta n. 4									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-417.70	69.75	134.85	-4.48	0.57	-0.45	
		2	-539.86	69.73	134.80	-5.76	0.73	-0.46	
		3	-417.06	116.20	230.79	-5.84	0.73	-7.06	
		4	-309.04	138.41	279.87	-3.44	0.48	-0.72	
		5	-309.04	1901.00	0.01	0.00	0.01	0.00	
		6	-309.04	-1901.00	0.01	0.00	0.01	0.00	
		7	-309.04	0.00	0.01	1805.25	0.01	0.00	
		8	-309.04	0.00	0.01	-1805.25	0.01	0.00	
	107.5	1	-404.89	58.89	63.76	-4.48	5.38	-0.45	
		2	-527.05	58.87	63.73	-5.76	6.92	-0.46	
		3	-404.25	83.15	117.72	-5.84	7.00	-7.06	
		4	-299.55	129.93	134.12	-3.44	4.53	-0.72	15.35
56.75		5	-299.55	1901.00	0.01	0.00	0.01	0.00	
		6	-299.55	-1901.00	0.01	0.00	0.01	0.00	
		7	-299.55	0.00	0.01	1805.25	0.01	0.00	
		8	-299.55	0.00	0.01	-1805.25	0.01	0.00	
	215.0	1	-392.07	26.32	16.01	-4.48	10.20	-0.45	
		2	-514.23	26.30	16.01	-5.76	13.11	-0.46	
		3	-391.44	-16.00	75.71	-5.84	13.28	-7.06	
		4	-290.06	104.50	10.55	-3.44	8.57	-0.72	18.29
55.94		5	-290.06	1901.00	0.01	0.00	0.01	0.00	
		6	-290.06	-1901.00	0.01	0.00	0.01	0.00	
		7	-290.06	0.00	0.01	1805.25	0.01	0.00	
		8	-290.06	0.00	0.01	-1805.25	0.01	0.00	
Asta n. 5									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-416.45	70.39	135.79	-2.70	0.37	-0.26	
		2	-538.17	70.36	135.70	-3.48	0.48	-0.27	
		3	-415.34	131.04	247.76	-3.61	0.49	-4.59	
		4	-308.18	141.11	283.92	-2.07	0.31	-0.41	
		5	-308.18	1901.00	0.01	0.00	0.01	0.00	
		6	-308.18	-1901.00	0.01	0.00	0.01	0.00	
		7	-308.18	0.00	0.01	1805.25	0.01	0.00	
		8	-308.18	0.00	0.01	-1805.25	0.01	0.00	
	107.5	1	-403.63	59.53	64.01	-2.70	3.27	-0.26	
		2	-525.36	59.50	63.96	-3.48	4.22	-0.27	
		3	-402.53	97.99	118.74	-3.61	4.37	-4.59	
		4	-298.68	132.63	135.27	-2.07	2.73	-0.41	17.16
57.65		5	-298.68	1901.00	0.01	0.00	0.01	0.00	
		6	-298.68	-1901.00	0.01	0.00	0.01	0.00	
		7	-298.68	0.00	0.01	1805.25	0.01	0.00	
		8	-298.68	0.00	0.01	-1805.25	0.01	0.00	
	215.0	1	-390.82	26.96	15.58	-2.70	6.17	-0.26	
		2	-512.55	26.92	15.57	-3.48	7.96	-0.27	
		3	-389.71	-1.16	60.77	-3.61	8.26	-4.59	
		4	-289.19	107.20	9.99	-2.07	5.14	-0.41	17.47
56.32		5	-289.19	1901.00	0.01	0.00	0.01	0.00	
		6	-289.19	-1901.00	0.01	0.00	0.01	0.00	
		7	-289.19	0.00	0.01	1805.25	0.01	0.00	

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	8		-289.19	0.00	0.01	-1805.25	0.01	0.00	
Asta n. 6									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-416.53	70.68	136.27	-0.90	0.13	-0.09	
		2	-538.27	70.64	136.16	-1.16	0.17	-0.09	
		3	-415.26	138.53	256.93	-1.22	0.17	-1.58	
		4	-308.26	142.34	285.98	-0.69	0.11	-0.13	
		5	-308.26	1901.00	0.01	0.00	0.01	0.00	
		6	-308.26	-1901.00	0.01	0.00	0.01	0.00	
		7	-308.26	0.00	0.01	1805.25	0.01	0.00	
		8	-308.26	0.00	0.01	-1805.25	0.01	0.00	
	107.5	1	-403.72	59.82	64.18	-0.90	1.09	-0.09	
		2	-525.46	59.78	64.11	-1.16	1.41	-0.09	
		3	-402.45	105.48	119.85	-1.22	1.48	-1.58	
		4	-298.77	133.87	136.00	-0.69	0.91	-0.13	23.22
59.54		5	-298.77	1901.00	0.01	0.00	0.01	0.00	
		6	-298.77	-1901.00	0.01	0.00	0.01	0.00	
		7	-298.77	0.00	0.01	1805.25	0.01	0.00	
		8	-298.77	0.00	0.01	-1805.25	0.01	0.00	
	215.0	1	-390.90	27.24	15.44	-0.90	2.06	-0.09	
		2	-512.64	27.20	15.42	-1.16	2.66	-0.09	
		3	-389.63	6.34	53.82	-1.22	2.79	-1.58	
		4	-289.28	108.44	9.87	-0.69	1.71	-0.13	30.08
40.11		5	-289.28	1901.00	0.01	0.00	0.01	0.00	
		6	-289.28	-1901.00	0.01	0.00	0.01	0.00	
		7	-289.28	0.00	0.01	1805.25	0.01	0.00	
		8	-289.28	0.00	0.01	-1805.25	0.01	0.00	
Asta n. 7									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-416.53	70.68	136.27	0.90	-0.13	0.09	
		2	-538.27	70.64	136.16	1.16	-0.17	0.09	
		3	-415.26	138.53	256.93	1.22	-0.17	1.58	
		4	-308.26	142.34	285.98	0.75	-0.10	0.32	
		5	-308.26	1901.00	0.01	0.00	0.01	0.00	
		6	-308.26	-1901.00	0.01	0.00	0.01	0.00	
		7	-308.26	0.00	0.01	1805.25	0.01	0.00	
		8	-308.26	0.00	0.01	-1805.25	0.01	0.00	
	107.5	1	-403.72	59.82	64.18	0.90	-1.09	0.09	
		2	-525.46	59.78	64.11	1.16	-1.41	0.09	
		3	-402.45	105.48	119.85	1.22	-1.48	1.58	
		4	-298.77	133.87	136.00	0.75	-0.84	0.32	479.85
67.53		5	-298.77	1901.00	0.01	0.00	0.01	0.00	
		6	-298.77	-1901.00	0.01	0.00	0.01	0.00	
		7	-298.77	0.00	0.01	1805.25	0.01	0.00	
		8	-298.77	0.00	0.01	-1805.25	0.01	0.00	
	215.0	1	-390.90	27.24	15.44	0.90	-2.06	0.09	
		2	-512.64	27.20	15.42	1.16	-2.66	0.09	
		3	-389.63	6.34	53.82	1.22	-2.79	1.58	
		4	-289.28	108.44	9.87	0.75	-1.57	0.32	285.87
66.37		5	-289.28	1901.00	0.01	0.00	0.01	0.00	
		6	-289.28	-1901.00	0.01	0.00	0.01	0.00	
		7	-289.28	0.00	0.01	1805.25	0.01	0.00	
		8	-289.28	0.00	0.01	-1805.25	0.01	0.00	
Asta n. 8									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-416.45	70.39	135.79	2.70	-0.37	0.26	
		2	-538.17	70.36	135.70	3.48	-0.48	0.27	
		3	-415.34	131.04	247.76	3.61	-0.49	4.59	
		4	-308.18	141.11	283.92	2.25	-0.28	0.98	
		5	-308.18	1901.00	0.01	0.00	0.01	0.00	

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	6	-308.18	-1901.00	0.01	0.00	0.01	0.00		
	7	-308.18	0.00	0.01	1805.25	0.01	0.00		
	8	-308.18	0.00	0.01	-1805.25	0.01	0.00		
107.5	1	-403.63	59.53	64.01	2.70	-3.27	0.26		
	2	-525.36	59.50	63.96	3.48	-4.22	0.27		
	3	-402.53	97.99	118.74	3.61	-4.37	4.59		
	4	-298.68	132.63	135.27	2.25	-2.51	0.98	505.28	
68.52									
	5	-298.68	1901.00	0.01	0.00	0.01	0.00		
	6	-298.68	-1901.00	0.01	0.00	0.01	0.00		
	7	-298.68	0.00	0.01	1805.25	0.01	0.00		
	8	-298.68	0.00	0.01	-1805.25	0.01	0.00		
215.0	1	-390.82	26.96	15.58	2.70	-6.17	0.26		
	2	-512.55	26.92	15.57	3.48	-7.96	0.27		
	3	-389.71	-1.16	60.77	3.61	-8.26	4.59		
	4	-289.19	107.21	9.99	2.25	-4.73	0.98	295.38	
65.29									
	5	-289.19	1901.00	0.01	0.00	0.01	0.00		
	6	-289.19	-1901.00	0.01	0.00	0.01	0.00		
	7	-289.19	0.00	0.01	1805.25	0.01	0.00		
	8	-289.19	0.00	0.01	-1805.25	0.01	0.00		
Asta n. 9									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-417.70	69.75	134.85	4.48	-0.57	0.45	
		2	-539.86	69.73	134.80	5.76	-0.73	0.46	
		3	-417.06	116.20	230.79	5.84	-0.73	7.06	
		4	-309.04	138.41	279.87	3.76	-0.44	1.64	
		5	-309.04	1901.00	0.01	0.00	0.01	0.00	
		6	-309.04	-1901.00	0.01	0.00	0.01	0.00	
		7	-309.04	0.00	0.01	1805.25	0.01	0.00	
		8	-309.04	0.00	0.01	-1805.25	0.01	0.00	
107.5	1	-404.89	58.89	63.76	4.48	-5.38	0.45		
	2	-527.05	58.87	63.73	5.76	-6.92	0.46		
	3	-404.25	83.15	117.72	5.84	-7.00	7.06		
	4	-299.55	129.93	134.12	3.76	-4.14	1.64	515.54	
68.48									
	5	-299.55	1901.00	0.01	0.00	0.01	0.00		
	6	-299.55	-1901.00	0.01	0.00	0.01	0.00		
	7	-299.55	0.00	0.01	1805.25	0.01	0.00		
	8	-299.55	0.00	0.01	-1805.25	0.01	0.00		
215.0	1	-392.07	26.32	16.01	4.48	-10.20	0.45		
	2	-514.23	26.30	16.01	5.76	-13.11	0.46		
	3	-391.44	-16.00	75.71	5.84	-13.28	7.06		
	4	-290.06	104.50	10.55	3.76	-7.83	1.64	299.06	
64.96									
	5	-290.06	1901.00	0.01	0.00	0.01	0.00		
	6	-290.06	-1901.00	0.01	0.00	0.01	0.00		
	7	-290.06	0.00	0.01	1805.25	0.01	0.00		
	8	-290.06	0.00	0.01	-1805.25	0.01	0.00		
Asta n. 10									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-421.74	68.63	133.50	6.42	-0.98	0.62	
		2	-545.27	68.63	133.51	8.22	-1.25	0.64	
		3	-421.69	123.57	249.97	7.94	-1.17	8.40	
		4	-311.77	133.74	274.04	5.42	-0.75	2.29	
		5	-311.77	1901.00	0.01	0.00	0.01	0.00	
		6	-311.77	-1901.00	0.01	0.00	0.01	0.00	
		7	-311.77	0.00	0.01	1805.25	0.01	0.00	
		8	-311.77	0.00	0.01	-1805.25	0.01	0.00	
107.5	1	-408.92	57.77	63.62	6.42	-7.88	0.62		
	2	-532.46	57.77	63.62	8.22	-10.09	0.64		
	3	-408.87	112.71	121.03	7.94	-9.71	8.40		
	4	-302.28	125.26	133.31	5.42	-6.06	2.29	512.17	
68.46									
	5	-302.28	1901.00	0.01	0.00	0.01	0.00		
	6	-302.28	-1901.00	0.01	0.00	0.01	0.00		

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	7	-302.28	0.00	0.01	1805.25	0.01	0.00		
	8	-302.28	0.00	0.01	-1805.25	0.01	0.00		
215.0	1	-396.11	25.19	17.08	6.42	-14.78	0.62		
	2	-519.64	25.20	17.08	8.22	-18.94	0.64		
	3	-396.06	80.13	15.43	7.94	-18.25	8.40		
	4	-292.79	99.83	12.29	5.42	-11.37	2.29	297.86	
64.73	5	-292.79	1901.00	0.01	0.00	0.01	0.00		
	6	-292.79	-1901.00	0.01	0.00	0.01	0.00		
	7	-292.79	0.00	0.01	1805.25	0.01	0.00		
	8	-292.79	0.00	0.01	-1805.25	0.01	0.00		
Asta n. 11									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-403.27	66.76	131.86	9.99	-3.63	0.78	
		2	-521.24	66.80	131.95	12.82	-4.73	0.80	
		3	-403.46	99.07	226.79	11.41	-3.82	8.72	
		4	-297.68	126.25	267.07	8.30	-2.73	2.84	
		5	-297.68	1901.00	0.01	0.00	0.01	0.00	
		6	-297.68	-1901.00	0.01	0.00	0.01	0.00	
		7	-297.68	0.00	0.01	1805.25	0.01	0.00	
		8	-297.68	0.00	0.01	-1805.25	0.01	0.00	
107.5	1	-390.46	55.90	63.99	9.99	-14.37	0.78		
	2	-508.42	55.94	64.03	12.82	-18.50	0.80		
	3	-390.65	88.21	124.19	11.41	-16.08	8.72		
	4	-288.19	117.78	134.38	8.30	-10.93	2.84	494.64	
68.61	5	-288.19	1901.00	0.01	0.00	0.01	0.00		
	6	-288.19	-1901.00	0.01	0.00	0.01	0.00		
	7	-288.19	0.00	0.01	1805.25	0.01	0.00		
	8	-288.19	0.00	0.01	-1805.25	0.01	0.00		
215.0	1	-377.65	23.33	19.45	9.99	-25.11	0.78		
	2	-495.61	23.36	19.46	12.82	-32.28	0.80		
	3	-377.84	55.63	44.93	11.41	-28.34	8.72		
	4	-278.70	92.35	19.96	8.30	-19.14	2.84	291.45	
63.50	5	-278.70	1901.00	0.01	0.00	0.01	0.00		
	6	-278.70	-1901.00	0.01	0.00	0.01	0.00		
	7	-278.70	0.00	0.01	1805.25	0.01	0.00		
	8	-278.70	0.00	0.01	-1805.25	0.01	0.00		
Asta n. 12									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-246.28	63.64	130.18	15.36	-9.21	0.86	
		2	-314.09	63.70	130.34	19.82	-12.13	0.88	
		3	-249.16	67.73	207.23	16.50	-9.17	8.73	
		4	-183.11	114.52	260.33	12.36	-6.67	3.13	
		5	-183.11	1901.00	0.01	0.00	0.01	0.00	
		6	-183.11	-1901.00	0.01	0.00	0.01	0.00	
		7	-183.11	0.00	0.01	1805.25	0.01	0.00	
		8	-183.11	0.00	0.01	-1805.25	0.01	0.00	
107.5	1	-233.47	52.78	65.66	15.36	-25.72	0.86		
	2	-301.28	52.84	65.76	19.82	-33.44	0.88		
	3	-236.35	56.87	138.32	16.50	-26.90	8.73		
	4	-173.62	106.04	140.27	12.36	-19.29	3.13	460.49	
63.48	5	-173.62	1901.00	0.01	0.00	0.01	0.00		
	6	-173.62	-1901.00	0.01	0.00	0.01	0.00		
	7	-173.62	0.00	0.01	1805.25	0.01	0.00		
	8	-173.62	0.00	0.01	-1805.25	0.01	0.00		
215.0	1	-220.66	20.20	24.49	15.36	-42.24	0.86		
	2	-288.46	20.26	24.52	19.82	-54.75	0.88		
	3	-223.53	24.29	92.75	16.50	-44.64	8.73		
	4	-164.13	80.61	38.51	12.36	-31.79	3.13	278.53	
60.47	5	-164.13	1901.00	0.01	0.00	0.01	0.00		
	6	-164.13	-1901.00	0.01	0.00	0.01	0.00		
	7	-164.13	0.00	0.01	1805.25	0.01	0.00		

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	8		-164.13	0.00	0.01	-1805.25	0.01	0.00	
Asta n. 13									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-282.41	147.67	447.29	-15.36	-31.51	-0.86	
		2	-350.22	147.73	447.60	-19.82	-40.40	-0.88	
		3	-285.29	151.76	535.17	-16.50	-34.56	-8.73	
		4	-209.87	185.63	694.45	-11.64	-24.05	-1.54	151.88
1.04		5	-209.87	2458.77	0.01	0.00	0.01	0.00	
		6	-209.87	-2313.38	0.01	0.00	0.01	0.00	
		7	-209.87	0.00	0.01	1501.50	0.01	0.00	
		8	-209.87	0.00	0.01	-1501.49	0.01	0.00	
	132.5	1	-263.21	126.67	260.90	-15.36	-11.15	-0.86	
		2	-331.02	126.72	261.14	-19.82	-14.14	-0.88	
		3	-266.09	130.75	343.36	-16.50	-12.69	-8.73	
		4	-195.65	169.27	455.71	-11.64	-8.63	-1.54	107.72
0.54		5	-195.65	2458.77	0.01	0.00	0.01	0.00	
		6	-195.65	-2313.38	0.01	0.00	0.01	0.00	
		7	-195.65	0.00	0.01	1501.50	0.01	0.00	
		8	-195.65	0.00	0.01	-1501.49	0.01	0.00	
	265.0	1	-246.28	63.64	130.18	-15.36	9.21	-0.86	
		2	-314.09	63.70	130.34	-19.82	12.13	-0.88	
		3	-249.16	67.73	207.23	-16.50	9.17	-8.73	
		4	-183.11	120.19	260.34	-11.64	6.79	-1.54	
		5	-183.11	2458.77	0.01	0.00	0.01	0.00	
		6	-183.11	-2313.38	0.01	0.00	0.01	0.00	
		7	-183.11	0.00	0.01	1501.50	0.01	0.00	
		8	-183.11	0.00	0.01	-1501.49	0.01	0.00	
Asta n. 14									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-439.40	150.80	457.24	-9.99	-22.84	-0.78	
		2	-557.36	150.84	457.43	-12.82	-29.24	-0.80	
		3	-439.59	183.10	637.78	-11.41	-26.41	-8.72	
		4	-324.45	197.51	732.66	-7.64	-17.52	-1.35	
		5	-324.45	2458.77	0.01	0.00	0.01	0.00	
		6	-324.45	-2313.38	0.01	0.00	0.01	0.00	
		7	-324.45	0.00	0.01	1501.50	0.01	0.00	
		8	-324.45	0.00	0.01	-1501.49	0.01	0.00	
	132.5	1	-420.20	129.79	266.72	-9.99	-9.60	-0.78	
		2	-538.16	129.83	266.86	-12.82	-12.25	-0.80	
		3	-420.39	162.09	404.45	-11.41	-11.30	-8.72	
		4	-310.22	181.15	478.19	-7.64	-7.40	-1.35	
		5	-310.22	2458.77	0.01	0.00	0.01	0.00	
		6	-310.22	-2313.38	0.01	0.00	0.01	0.00	
		7	-310.22	0.00	0.01	1501.50	0.01	0.00	
		8	-310.22	0.00	0.01	-1501.49	0.01	0.00	
	265.0	1	-403.27	66.76	131.86	-9.99	3.63	-0.78	
		2	-521.24	66.80	131.95	-12.82	4.73	-0.80	
		3	-403.46	99.07	226.79	-11.41	3.82	-8.72	
		4	-297.69	132.07	267.07	-7.64	2.81	-1.35	
		5	-297.69	2458.77	0.01	0.00	0.01	0.00	
		6	-297.69	-2313.38	0.01	0.00	0.01	0.00	
		7	-297.69	0.00	0.01	1501.50	0.01	0.00	
		8	-297.69	0.00	0.01	-1501.49	0.01	0.00	
Asta n. 15									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-457.86	152.66	463.83	-6.42	-16.03	-0.62	
		2	-581.40	152.67	463.85	-8.22	-20.54	-0.64	
		3	-457.81	207.60	725.89	-7.94	-19.87	-8.40	
		4	-338.53	205.10	759.76	-4.94	-12.32	-1.04	
		5	-338.53	2458.77	0.01	0.00	0.01	0.00	
		6	-338.53	-2313.38	0.01	0.00	0.01	0.00	
		7	-338.53	0.00	0.01	1501.50	0.01	0.00	

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	8	-338.53	0.00	0.01	-1501.49	0.01	0.00
132.5	1	-438.66	131.65	270.83	-6.42	-7.52	-0.62
	2	-562.20	131.66	270.84	-8.22	-9.64	-0.64
	3	-438.61	186.60	460.09	-7.94	-9.35	-8.40
	4	-324.31	188.74	495.23	-4.94	-5.79	-1.04
	5	-324.31	2458.77	0.01	0.00	0.01	0.00
	6	-324.31	-2313.38	0.01	0.00	0.01	0.00
	7	-324.31	0.00	0.01	1501.50	0.01	0.00
	8	-324.31	0.00	0.01	-1501.49	0.01	0.00
265.0	1	-421.74	68.63	133.50	-6.42	0.98	-0.62
	2	-545.27	68.63	133.51	-8.22	1.25	-0.64
	3	-421.69	123.57	249.97	-7.94	1.17	-8.40
	4	-311.77	139.66	274.04	-4.94	0.83	-1.04
	5	-311.77	2458.77	0.01	0.00	0.01	0.00
	6	-311.77	-2313.38	0.01	0.00	0.01	0.00
	7	-311.77	0.00	0.01	1501.50	0.01	0.00
	8	-311.77	0.00	0.01	-1501.49	0.01	0.00

Asta n. 16

Sezione comb		N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-453.83	153.79	468.16	-4.48	-11.31	-0.45
		2	-575.99	153.77	468.05	-5.76	-14.54	-0.46
		3	-453.19	414.64	958.23	-5.84	-14.74	-7.06
		4	-335.80	209.86	778.20	-3.44	-8.68	-0.72
		5	-335.80	2458.77	0.01	0.00	0.01	0.00
		6	-335.80	-2313.38	0.01	0.00	0.01	0.00
		7	-335.80	0.00	0.01	1501.50	0.01	0.00
		8	-335.80	0.00	0.01	-1501.49	0.01	0.00
	132.5	1	-434.63	132.78	273.67	-4.48	-5.37	-0.45
		2	-556.79	132.76	273.59	-5.76	-6.91	-0.46
		3	-433.99	279.33	493.20	-5.84	-7.01	-7.06
		4	-321.58	193.50	507.35	-3.44	-4.12	-0.72
		5	-321.58	2458.77	0.01	0.00	0.01	0.00
		6	-321.58	-2313.38	0.01	0.00	0.01	0.00
		7	-321.58	0.00	0.01	1501.50	0.01	0.00
		8	-321.58	0.00	0.01	-1501.49	0.01	0.00
	265.0	1	-417.70	69.75	134.85	-4.48	0.57	-0.45
		2	-539.86	69.73	134.80	-5.76	0.73	-0.46
		3	-417.06	116.20	230.79	-5.84	0.73	-7.06
		4	-309.04	144.42	279.87	-3.44	0.48	-0.72
		5	-309.04	2458.77	0.01	0.00	0.01	0.00
		6	-309.04	-2313.38	0.01	0.00	0.01	0.00
		7	-309.04	0.00	0.01	1501.50	0.01	0.00
		8	-309.04	0.00	0.01	-1501.49	0.01	0.00

Asta n. 17

Sezione comb		N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-452.57	154.43	470.80	-2.70	-6.77	-0.26
		2	-574.30	154.39	470.61	-3.48	-8.73	-0.27
		3	-451.47	429.48	1014.52	-3.61	-9.09	-4.59
		4	-334.94	212.63	789.57	-2.07	-5.19	-0.41
		5	-334.94	2458.77	0.01	0.00	0.01	0.00
		6	-334.94	-2313.38	0.01	0.00	0.01	0.00
		7	-334.94	0.00	0.01	1501.50	0.01	0.00
		8	-334.94	0.00	0.01	-1501.49	0.01	0.00
	132.5	1	-433.37	133.42	275.46	-2.70	-3.20	-0.26
		2	-555.10	133.38	275.32	-3.48	-4.12	-0.27
		3	-432.27	294.17	529.83	-3.61	-4.30	-4.59
		4	-320.72	196.26	515.07	-2.07	-2.45	-0.41
		5	-320.72	2458.77	0.01	0.00	0.01	0.00
		6	-320.72	-2313.38	0.01	0.00	0.01	0.00
		7	-320.72	0.00	0.01	1501.50	0.01	0.00
		8	-320.72	0.00	0.01	-1501.49	0.01	0.00
	265.0	1	-416.45	70.39	135.79	-2.70	0.37	-0.26
		2	-538.17	70.36	135.70	-3.48	0.48	-0.27
		3	-415.34	131.04	247.76	-3.61	0.49	-4.59
		4	-308.18	147.18	283.92	-2.07	0.31	-0.41
		5	-308.18	2458.77	0.01	0.00	0.01	0.00

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6	-308.18	-2313.38	0.01	0.00	0.01	0.00
7	-308.18	0.00	0.01	1501.50	0.01	0.00
8	-308.18	0.00	0.01	-1501.49	0.01	0.00

Asta n. 18

Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-452.66	154.72	472.04	-0.90	-2.25	-0.09
		2	-574.40	154.67	471.82	-1.16	-2.90	-0.09
		3	-451.39	436.98	1043.55	-1.22	-3.06	-1.58
		4	-335.02	213.89	794.97	-0.69	-1.72	-0.13
		5	-335.02	2458.77	0.01	0.00	0.01	0.00
		6	-335.02	-2313.38	0.01	0.00	0.01	0.00
		7	-335.02	0.00	0.01	1501.50	0.01	0.00
		8	-335.02	0.00	0.01	-1501.49	0.01	0.00
	132.5	1	-433.46	133.71	276.32	-0.90	-1.06	-0.09
		2	-555.20	133.67	276.15	-1.16	-1.37	-0.09
		3	-432.19	301.66	548.93	-1.22	-1.44	-1.58
		4	-320.80	197.53	518.80	-0.69	-0.81	-0.13
		5	-320.80	2458.77	0.01	0.00	0.01	0.00
		6	-320.80	-2313.38	0.01	0.00	0.01	0.00
		7	-320.80	0.00	0.01	1501.50	0.01	0.00
		8	-320.80	0.00	0.01	-1501.49	0.01	0.00
	265.0	1	-416.53	70.68	136.27	-0.90	0.13	-0.09
		2	-538.27	70.64	136.16	-1.16	0.17	-0.09
		3	-415.26	138.53	256.93	-1.22	0.17	-1.58
		4	-308.26	148.45	285.98	-0.69	0.11	-0.13
		5	-308.26	2458.77	0.01	0.00	0.01	0.00
		6	-308.26	-2313.38	0.01	0.00	0.01	0.00
		7	-308.26	0.00	0.01	1501.50	0.01	0.00
		8	-308.26	0.00	0.01	-1501.49	0.01	0.00

Asta n. 19

Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-452.66	154.72	472.04	0.90	2.25	0.09
		2	-574.40	154.67	471.82	1.16	2.90	0.09
		3	-451.39	436.98	1043.55	1.22	3.06	1.58
		4	-335.02	213.89	794.97	0.74	1.87	0.32
		5	-335.02	2458.77	0.01	0.00	0.01	0.00
		6	-335.02	-2313.38	0.01	0.00	0.01	0.00
		7	-335.02	0.00	0.01	1501.50	0.01	0.00
		8	-335.02	0.00	0.01	-1501.49	0.01	0.00
	132.5	1	-433.46	133.71	276.32	0.90	1.06	0.09
		2	-555.20	133.67	276.15	1.16	1.37	0.09
		3	-432.19	301.66	548.93	1.22	1.44	1.58
		4	-320.80	197.53	518.80	0.74	0.88	0.32
		5	-320.80	2458.77	0.01	0.00	0.01	0.00
		6	-320.80	-2313.38	0.01	0.00	0.01	0.00
		7	-320.80	0.00	0.01	1501.50	0.01	0.00
		8	-320.80	0.00	0.01	-1501.49	0.01	0.00
	265.0	1	-416.53	70.68	136.27	0.90	-0.13	0.09
		2	-538.27	70.64	136.16	1.16	-0.17	0.09
		3	-415.26	138.53	256.93	1.22	-0.17	1.58
		4	-308.26	148.45	285.98	0.74	-0.10	0.32
		5	-308.26	2458.77	0.01	0.00	0.01	0.00
		6	-308.26	-2313.38	0.01	0.00	0.01	0.00
		7	-308.26	0.00	0.01	1501.50	0.01	0.00
		8	-308.26	0.00	0.01	-1501.49	0.01	0.00

Asta n. 20

Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-452.57	154.43	470.80	2.70	6.77	0.26
		2	-574.30	154.39	470.61	3.48	8.73	0.27
		3	-451.47	429.48	1014.52	3.61	9.09	4.59
		4	-334.94	212.62	789.57	2.25	5.65	0.98
		5	-334.94	2458.77	0.01	0.00	0.01	0.00
		6	-334.94	-2313.38	0.01	0.00	0.01	0.00
		7	-334.94	0.00	0.01	1501.50	0.01	0.00

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		8	-334.94	0.00	0.01	-1501.49	0.01	0.00	
132.5		1	-433.37	133.42	275.46	2.70	3.20	0.26	
		2	-555.10	133.38	275.32	3.48	4.12	0.27	
		3	-432.27	294.17	529.83	3.61	4.30	4.59	
		4	-320.71	196.26	515.07	2.25	2.67	0.98	
		5	-320.71	2458.77	0.01	0.00	0.01	0.00	
		6	-320.71	-2313.38	0.01	0.00	0.01	0.00	
		7	-320.71	0.00	0.01	1501.50	0.01	0.00	
		8	-320.71	0.00	0.01	-1501.49	0.01	0.00	
265.0		1	-416.45	70.39	135.79	2.70	-0.37	0.26	
		2	-538.17	70.36	135.70	3.48	-0.48	0.27	
		3	-415.34	131.04	247.76	3.61	-0.49	4.59	
		4	-308.18	147.18	283.92	2.25	-0.28	0.98	
		5	-308.18	2458.77	0.01	0.00	0.01	0.00	
		6	-308.18	-2313.38	0.01	0.00	0.01	0.00	
		7	-308.18	0.00	0.01	1501.50	0.01	0.00	
		8	-308.18	0.00	0.01	-1501.49	0.01	0.00	
Asta n. 21									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-453.83	153.79	468.16	4.48	11.31	0.45	
		2	-575.99	153.77	468.05	5.76	14.54	0.46	
		3	-453.19	414.64	958.23	5.84	14.74	7.06	
		4	-335.80	209.86	778.20	3.76	9.49	1.64	
		5	-335.80	2458.77	0.01	0.00	0.01	0.00	
		6	-335.80	-2313.38	0.01	0.00	0.01	0.00	
		7	-335.80	0.00	0.01	1501.50	0.01	0.00	
		8	-335.80	0.00	0.01	-1501.49	0.01	0.00	
	132.5	1	-434.63	132.78	273.67	4.48	5.37	0.45	
		2	-556.79	132.76	273.59	5.76	6.91	0.46	
		3	-433.99	279.33	493.20	5.84	7.01	7.06	
		4	-321.58	193.50	507.35	3.76	4.50	1.64	
		5	-321.58	2458.77	0.01	0.00	0.01	0.00	
		6	-321.58	-2313.38	0.01	0.00	0.01	0.00	
		7	-321.58	0.00	0.01	1501.50	0.01	0.00	
		8	-321.58	0.00	0.01	-1501.49	0.01	0.00	
	265.0	1	-417.70	69.75	134.85	4.48	-0.57	0.45	
		2	-539.86	69.73	134.80	5.76	-0.73	0.46	
		3	-417.06	116.20	230.79	5.84	-0.73	7.06	
		4	-309.04	144.42	279.87	3.76	-0.44	1.64	
		5	-309.04	2458.77	0.01	0.00	0.01	0.00	
		6	-309.04	-2313.38	0.01	0.00	0.01	0.00	
		7	-309.04	0.00	0.01	1501.50	0.01	0.00	
		8	-309.04	0.00	0.01	-1501.49	0.01	0.00	
Asta n. 22									
	Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-457.86	152.66	463.83	6.42	16.03	0.62	
		2	-581.40	152.67	463.85	8.22	20.54	0.64	
		3	-457.81	207.60	725.89	7.94	19.87	8.40	
		4	-338.53	205.11	759.77	5.42	13.54	2.29	
		5	-338.53	2458.77	0.01	0.00	0.01	0.00	
		6	-338.53	-2313.38	0.01	0.00	0.01	0.00	
		7	-338.53	0.00	0.01	1501.50	0.01	0.00	
		8	-338.53	0.00	0.01	-1501.49	0.01	0.00	
	132.5	1	-438.66	131.65	270.83	6.42	7.52	0.62	
		2	-562.20	131.66	270.84	8.22	9.64	0.64	
		3	-438.61	186.60	460.09	7.94	9.35	8.40	
		4	-324.31	188.75	495.23	5.42	6.35	2.29	
		5	-324.31	2458.77	0.01	0.00	0.01	0.00	
		6	-324.31	-2313.38	0.01	0.00	0.01	0.00	
		7	-324.31	0.00	0.01	1501.50	0.01	0.00	
		8	-324.31	0.00	0.01	-1501.49	0.01	0.00	
	265.0	1	-421.74	68.63	133.50	6.42	-0.98	0.62	
		2	-545.27	68.63	133.51	8.22	-1.25	0.64	
		3	-421.69	123.57	249.97	7.94	-1.17	8.40	
		4	-311.77	139.67	274.04	5.42	-0.75	2.29	
		5	-311.77	2458.77	0.01	0.00	0.01	0.00	

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6	-311.77	-2313.38	0.01	0.00	0.01	0.00
7	-311.77	0.00	0.01	1501.50	0.01	0.00
8	-311.77	0.00	0.01	-1501.49	0.01	0.00

Asta n. 23

Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-439.40	150.80	457.24	9.99	22.84	0.78
		2	-557.36	150.84	457.43	12.82	29.24	0.80
		3	-439.59	183.10	637.78	11.41	26.41	8.72
		4	-324.44	197.51	732.66	8.30	19.18	2.84
		5	-324.44	2458.77	0.01	0.00	0.01	0.00
		6	-324.44	-2313.38	0.01	0.00	0.01	0.00
		7	-324.44	0.00	0.01	1501.50	0.01	0.00
		8	-324.44	0.00	0.01	-1501.49	0.01	0.00
	132.5	1	-420.20	129.79	266.72	9.99	9.60	0.78
		2	-538.16	129.83	266.86	12.82	12.25	0.80
		3	-420.39	162.09	404.45	11.41	11.30	8.72
		4	-310.22	181.15	478.19	8.30	8.18	2.84
		5	-310.22	2458.77	0.01	0.00	0.01	0.00
		6	-310.22	-2313.38	0.01	0.00	0.01	0.00
		7	-310.22	0.00	0.01	1501.50	0.01	0.00
		8	-310.22	0.00	0.01	-1501.49	0.01	0.00
	265.0	1	-403.27	66.76	131.86	9.99	-3.63	0.78
		2	-521.24	66.80	131.95	12.82	-4.73	0.80
		3	-403.46	99.07	226.79	11.41	-3.82	8.72
		4	-297.68	132.07	267.07	8.30	-2.73	2.84
		5	-297.68	2458.77	0.01	0.00	0.01	0.00
		6	-297.68	-2313.38	0.01	0.00	0.01	0.00
		7	-297.68	0.00	0.01	1501.50	0.01	0.00
		8	-297.68	0.00	0.01	-1501.49	0.01	0.00

Asta n. 24

Sezione	comb	N	T22	M33	T33	M22	Tor	M33*
M22*	0.0	1	-282.41	147.67	447.29	15.36	31.51	0.86
		2	-350.22	147.73	447.60	19.82	40.40	0.88
		3	-285.29	151.76	535.17	16.50	34.56	8.73
		4	-209.87	185.63	694.45	12.35	26.05	3.13
		5	-209.87	2458.77	0.01	0.00	0.01	0.00
		6	-209.87	-2313.38	0.01	0.00	0.01	0.00
		7	-209.87	0.00	0.01	1501.50	0.01	0.00
		8	-209.87	0.00	0.01	-1501.49	0.01	0.00
	132.5	1	-263.21	126.67	260.90	15.36	11.15	0.86
		2	-331.02	126.72	261.14	19.82	14.14	0.88
		3	-266.09	130.75	343.36	16.50	12.69	8.73
		4	-195.65	169.27	455.71	12.35	9.69	3.13
		5	-195.65	2458.77	0.01	0.00	0.01	0.00
		6	-195.65	-2313.38	0.01	0.00	0.01	0.00
		7	-195.65	0.00	0.01	1501.50	0.01	0.00
		8	-195.65	0.00	0.01	-1501.49	0.01	0.00
	265.0	1	-246.28	63.64	130.18	15.36	-9.21	0.86
		2	-314.09	63.70	130.34	19.82	-12.13	0.88
		3	-249.16	67.73	207.23	16.50	-9.17	8.73
		4	-183.11	120.19	260.33	12.35	-6.67	3.13
		5	-183.11	2458.77	0.01	0.00	0.01	0.00
		6	-183.11	-2313.38	0.01	0.00	0.01	0.00
		7	-183.11	0.00	0.01	1501.50	0.01	0.00
		8	-183.11	0.00	0.01	-1501.49	0.01	0.00

Asta n. 25

Sezione	comb	N	T22	M33	T33	M22	Tor
56.2	1	-15.36	-43.42	31.96	-8.00	7.06	-6.48
	2	-19.82	-56.05	42.06	-8.06	7.08	-6.51
	3	-16.50	-46.29	31.18	-12.09	1.49	-74.74
	4	-11.63	-32.84	23.55	-15.55	22.73	-11.51
	5	0.00	2068.31	0.01	0.00	0.01	0.00
	6	0.00	2068.31	0.01	0.00	0.01	0.00
	7	0.00	-2027.23	0.01	0.00	0.01	0.00
	8	0.00	-2027.23	0.01	0.00	0.01	0.00

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62.5	1	-15.36	-23.55	34.07	-6.64	7.52	-6.48
	2	-19.82	-30.00	44.77	-6.69	7.54	-6.51
	3	-16.50	-26.42	33.47	-10.72	2.21	-74.74
	4	-11.63	-18.12	25.16	-11.71	24.43	-11.51
	5	0.00	2047.77	0.01	0.00	0.01	0.00
	6	0.00	2047.77	0.01	0.00	0.01	0.00
	7	0.00	-2047.77	0.01	0.00	0.01	0.00
	8	0.00	-2047.77	0.01	0.00	0.01	0.00
68.8	1	-15.36	-3.68	34.93	-5.27	7.90	-6.48
	2	-19.82	-3.94	45.84	-5.33	7.92	-6.51
	3	-16.50	-6.55	34.51	-9.36	2.84	-74.74
	4	-11.63	-3.40	25.83	-7.87	25.88	-11.51
	5	0.00	2027.23	0.01	0.00	0.01	0.00
	6	0.00	2027.23	0.01	0.00	0.01	0.00
	7	0.00	-2068.31	0.01	0.00	0.01	0.00
	8	0.00	-2068.31	0.01	0.00	0.01	0.00

Asta n. 28

Sezione	comb	N	T22	M33	T33	M22	Tor
56.2	1	-31.77	-28.73	21.97	-2.25	14.25	-7.00
	2	-40.86	-37.43	28.72	-2.35	14.45	-7.04
	3	-35.85	-31.75	22.00	-93.59	92.60	-99.07
	4	-24.20	-21.55	16.51	-3.70	50.55	-12.01
	5	0.00	2068.31	0.01	0.00	0.01	0.00
	6	0.00	2068.31	0.01	0.00	0.01	0.00
	7	0.00	-2027.23	0.01	0.00	0.01	0.00
	8	0.00	-2027.23	0.01	0.00	0.01	0.00
62.5	1	-31.77	-8.86	23.15	-0.88	14.35	-7.00
	2	-40.86	-11.38	30.26	-0.99	14.56	-7.04
	3	-35.85	-11.88	23.38	-92.22	98.45	-99.07
	4	-24.20	-6.83	17.44	0.14	50.91	-12.01
	5	0.00	2047.77	0.01	0.00	0.01	0.00
	6	0.00	2047.77	0.01	0.00	0.01	0.00
	7	0.00	-2047.77	0.01	0.00	0.01	0.00
	8	0.00	-2047.77	0.01	0.00	0.01	0.00
68.8	1	-31.77	11.00	23.09	0.48	14.36	-7.00
	2	-40.86	14.67	30.15	0.38	14.58	-7.04
	3	-35.85	7.99	23.50	-90.85	104.22	-99.07
	4	-24.20	7.89	17.45	3.99	51.02	-12.01
	5	0.00	2027.23	0.01	0.00	0.01	0.00
	6	0.00	2027.23	0.01	0.00	0.01	0.00
	7	0.00	-2068.31	0.01	0.00	0.01	0.00
	8	0.00	-2068.31	0.01	0.00	0.01	0.00

Asta n. 29

Sezione	comb	N	T22	M33	T33	M22	Tor
56.2	1	-36.26	-26.59	21.64	-1.44	14.45	-5.00
	2	-46.62	-34.73	28.32	-1.51	14.76	-5.04
	3	-41.68	-28.96	22.01	-50.45	176.57	-78.33
	4	-27.64	-19.86	16.23	-2.21	51.79	-8.42
	5	0.00	2068.31	0.01	0.00	0.01	0.00
	6	0.00	2068.31	0.01	0.00	0.01	0.00
	7	0.00	-2027.23	0.01	0.00	0.01	0.00
	8	0.00	-2027.23	0.01	0.00	0.01	0.00
62.5	1	-36.26	-6.72	22.69	-0.07	14.50	-5.00
	2	-46.62	-8.68	29.68	-0.15	14.81	-5.04
	3	-41.68	-9.10	23.21	-49.09	179.71	-78.33
	4	-27.64	-5.14	17.05	1.63	51.94	-8.42
	5	0.00	2047.77	0.01	0.00	0.01	0.00
	6	0.00	2047.77	0.01	0.00	0.01	0.00
	7	0.00	-2047.77	0.01	0.00	0.01	0.00
	8	0.00	-2047.77	0.01	0.00	0.01	0.00
68.8	1	-36.26	13.15	22.49	1.30	14.46	-5.00
	2	-46.62	17.38	29.41	1.22	14.78	-5.04
	3	-41.68	10.77	23.16	-47.72	182.76	-78.33
	4	-27.64	9.58	16.93	5.47	51.86	-8.42
	5	0.00	2027.23	0.01	0.00	0.01	0.00
	6	0.00	2027.23	0.01	0.00	0.01	0.00
	7	0.00	-2068.31	0.01	0.00	0.01	0.00
	8	0.00	-2068.31	0.01	0.00	0.01	0.00

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Sezione	comb	N	T22	M33	T33	M22	Tor
56.2	1	-38.95	-23.19	21.96	-1.26	14.17	-2.57
	2	-50.10	-30.34	28.74	-1.30	14.55	-2.59
	3	-45.30	-24.46	22.59	-22.16	217.44	-42.64
	4	-29.70	-17.25	16.46	-2.46	51.14	-4.27
	5	0.00	2068.31	0.01	0.00	0.01	0.00
	6	0.00	2068.31	0.01	0.00	0.01	0.00
	7	0.00	-2027.23	0.01	0.00	0.01	0.00
	8	0.00	-2027.23	0.01	0.00	0.01	0.00
62.5	1	-38.95	-3.32	22.79	0.11	14.21	-2.57
	2	-50.10	-4.29	29.83	0.07	14.59	-2.59
	3	-45.30	-4.59	23.51	-20.80	218.79	-42.64
	4	-29.70	-2.54	17.09	1.38	51.25	-4.27
	5	0.00	2047.77	0.01	0.00	0.01	0.00
	6	0.00	2047.77	0.01	0.00	0.01	0.00
	7	0.00	-2047.77	0.01	0.00	0.01	0.00
	8	0.00	-2047.77	0.01	0.00	0.01	0.00
68.8	1	-38.95	16.55	22.37	1.48	14.16	-2.57
	2	-50.10	21.76	29.28	1.44	14.54	-2.59
	3	-45.30	15.28	23.17	-19.43	220.06	-42.64
	4	-29.70	12.18	16.80	5.23	51.11	-4.27
	5	0.00	2027.23	0.01	0.00	0.01	0.00
	6	0.00	2027.23	0.01	0.00	0.01	0.00
	7	0.00	-2068.31	0.01	0.00	0.01	0.00
	8	0.00	-2068.31	0.01	0.00	0.01	0.00

Asta n. 32

Sezione	comb	N	T22	M33	T33	M22	Tor
56.2	1	-39.85	-19.87	22.18	-1.37	14.01	0.00
	2	-51.26	-26.05	29.04	-1.37	14.41	0.00
	3	-46.52	-19.87	22.96	-1.37	230.17	0.00
	4	-30.39	-14.72	16.63	-3.84	50.70	0.00
	5	0.00	2068.31	0.01	0.00	0.01	0.00
	6	0.00	2068.31	0.01	0.00	0.01	0.00
	7	0.00	-2027.23	0.01	0.00	0.01	0.00
	8	0.00	-2027.23	0.01	0.00	0.01	0.00
62.5	1	-39.85	0.00	22.81	0.00	14.05	0.00
	2	-51.26	0.00	29.86	0.00	14.45	0.00
	3	-46.52	0.00	23.58	0.00	230.21	0.00
	4	-30.39	0.00	17.10	0.00	50.82	0.00
	5	0.00	2047.77	0.01	0.00	0.01	0.00
	6	0.00	2047.77	0.01	0.00	0.01	0.00
	7	0.00	-2047.77	0.01	0.00	0.01	0.00
	8	0.00	-2047.77	0.01	0.00	0.01	0.00
68.8	1	-39.85	19.87	22.18	1.37	14.01	0.00
	2	-51.26	26.05	29.04	1.37	14.41	0.00
	3	-46.52	19.87	22.96	1.37	230.17	0.00
	4	-30.39	14.72	16.63	3.84	50.70	0.00
	5	0.00	2027.23	0.01	0.00	0.01	0.00
	6	0.00	2027.23	0.01	0.00	0.01	0.00
	7	0.00	-2068.31	0.01	0.00	0.01	0.00
	8	0.00	-2068.31	0.01	0.00	0.01	0.00

Asta n. 34

Sezione	comb	N	T22	M33	T33	M22	Tor
56.2	1	-38.95	-16.55	22.37	-1.48	14.16	2.57
	2	-50.10	-21.76	29.28	-1.44	14.54	2.59
	3	-45.30	-15.28	23.17	19.43	220.06	42.64
	4	-29.70	-11.98	16.80	-3.63	51.12	9.95
	5	0.00	2068.31	0.01	0.00	0.01	0.00
	6	0.00	2068.31	0.01	0.00	0.01	0.00
	7	0.00	-2027.23	0.01	0.00	0.01	0.00
	8	0.00	-2027.23	0.01	0.00	0.01	0.00
62.5	1	-38.95	3.32	22.79	-0.11	14.21	2.57
	2	-50.10	4.29	29.83	-0.07	14.59	2.59
	3	-45.30	4.59	23.51	20.80	218.79	42.64
	4	-29.70	2.74	17.09	0.21	51.25	9.95
	5	0.00	2047.77	0.01	0.00	0.01	0.00

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	6	0.00	2047.77	0.01	0.00	0.01	0.00
	7	0.00	-2047.77	0.01	0.00	0.01	0.00
	8	0.00	-2047.77	0.01	0.00	0.01	0.00
68.8	1	-38.95	23.19	21.96	1.26	14.17	2.57
	2	-50.10	30.34	28.74	1.30	14.55	2.59
	3	-45.30	24.46	22.59	22.16	217.44	42.64
	4	-29.70	17.46	16.46	4.06	51.14	9.95
	5	0.00	2027.23	0.01	0.00	0.01	0.00
	6	0.00	2027.23	0.01	0.00	0.01	0.00
	7	0.00	-2068.31	0.01	0.00	0.01	0.00
	8	0.00	-2068.31	0.01	0.00	0.01	0.00
Asta n. 35							
Sezione	comb	N	T22	M33	T33	M22	Tor
56.2	1	-36.26	-13.15	22.49	-1.30	14.46	5.00
	2	-46.62	-17.38	29.41	-1.22	14.78	5.04
	3	-41.68	-10.77	23.16	47.72	182.76	78.33
	4	-27.64	-9.16	16.94	-2.84	51.86	19.30
	5	0.00	2068.31	0.01	0.00	0.01	0.00
	6	0.00	2068.31	0.01	0.00	0.01	0.00
	7	0.00	-2027.23	0.01	0.00	0.01	0.00
	8	0.00	-2027.23	0.01	0.00	0.01	0.00
62.5	1	-36.26	6.72	22.69	0.07	14.50	5.00
	2	-46.62	8.68	29.68	0.15	14.81	5.04
	3	-41.68	9.10	23.21	49.09	179.71	78.33
	4	-27.64	5.56	17.05	1.00	51.95	19.30
	5	0.00	2047.77	0.01	0.00	0.01	0.00
	6	0.00	2047.77	0.01	0.00	0.01	0.00
	7	0.00	-2047.77	0.01	0.00	0.01	0.00
	8	0.00	-2047.77	0.01	0.00	0.01	0.00
68.8	1	-36.26	26.59	21.64	1.44	14.45	5.00
	2	-46.62	34.73	28.32	1.51	14.76	5.04
	3	-41.68	28.96	22.01	50.45	176.57	78.33
	4	-27.64	20.28	16.23	4.85	51.79	19.30
	5	0.00	2027.23	0.01	0.00	0.01	0.00
	6	0.00	2027.23	0.01	0.00	0.01	0.00
	7	0.00	-2068.31	0.01	0.00	0.01	0.00
	8	0.00	-2068.31	0.01	0.00	0.01	0.00
Asta n. 37							
Sezione	comb	N	T22	M33	T33	M22	Tor
56.2	1	-31.77	-11.00	23.09	-0.48	14.36	7.00
	2	-40.86	-14.67	30.15	-0.38	14.58	7.04
	3	-35.85	-7.99	23.50	90.85	104.22	99.07
	4	-24.20	-7.20	17.45	0.00	51.02	26.86
	5	0.00	2068.31	0.01	0.00	0.01	0.00
	6	0.00	2068.31	0.01	0.00	0.01	0.00
	7	0.00	-2027.23	0.01	0.00	0.01	0.00
	8	0.00	-2027.23	0.01	0.00	0.01	0.00
62.5	1	-31.77	8.86	23.15	0.88	14.35	7.00
	2	-40.86	11.38	30.26	0.99	14.56	7.04
	3	-35.85	11.88	23.38	92.22	98.45	99.07
	4	-24.20	7.51	17.44	3.85	50.91	26.86
	5	0.00	2047.77	0.01	0.00	0.01	0.00
	6	0.00	2047.77	0.01	0.00	0.01	0.00
	7	0.00	-2047.77	0.01	0.00	0.01	0.00
	8	0.00	-2047.77	0.01	0.00	0.01	0.00
68.8	1	-31.77	28.73	21.97	2.25	14.25	7.00
	2	-40.86	37.43	28.72	2.35	14.45	7.04
	3	-35.85	31.75	22.00	93.59	92.60	99.07
	4	-24.20	22.23	16.51	7.69	50.55	26.86
	5	0.00	2027.23	0.01	0.00	0.01	0.00
	6	0.00	2027.23	0.01	0.00	0.01	0.00
	7	0.00	-2068.31	0.01	0.00	0.01	0.00
	8	0.00	-2068.31	0.01	0.00	0.01	0.00
Asta n. 39							
Sezione	comb	N	T22	M33	T33	M22	Tor
56.2	1	-25.36	-12.89	27.85	1.46	12.79	7.92
	2	-32.64	-17.38	36.39	1.56	12.90	7.97

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	3	-27.90	-9.83	27.93	37.85	27.13	101.66
	4	-19.26	-7.97	20.98	7.14	44.62	30.19
	5	0.00	2068.31	0.01	0.00	0.01	0.00
	6	0.00	2068.31	0.01	0.00	0.01	0.00
	7	0.00	-2027.23	0.01	0.00	0.01	0.00
	8	0.00	-2027.23	0.01	0.00	0.01	0.00
62.5	1	-25.36	6.98	28.04	2.83	12.66	7.92
	2	-32.64	8.67	36.66	2.92	12.76	7.97
	3	-27.90	10.04	27.92	39.22	24.70	101.66
	4	-19.26	6.74	21.02	10.98	44.05	30.19
	5	0.00	2047.77	0.01	0.00	0.01	0.00
	6	0.00	2047.77	0.01	0.00	0.01	0.00
	7	0.00	-2047.77	0.01	0.00	0.01	0.00
	8	0.00	-2047.77	0.01	0.00	0.01	0.00
68.8	1	-25.36	26.84	26.97	4.19	12.44	7.92
	2	-32.64	34.73	35.29	4.29	12.53	7.97
	3	-27.90	29.91	26.66	40.59	22.19	101.66
	4	-19.26	21.46	20.13	14.82	43.24	30.19
	5	0.00	2027.23	0.01	0.00	0.01	0.00
	6	0.00	2027.23	0.01	0.00	0.01	0.00
	7	0.00	-2068.31	0.01	0.00	0.01	0.00
	8	0.00	-2068.31	0.01	0.00	0.01	0.00

Asta n. 40

Sezione	comb	N	T22	M33	T33	M22	Tor
56.2	1	-15.36	3.68	34.93	5.27	7.90	6.48
	2	-19.82	3.94	45.84	5.33	7.92	6.51
	3	-16.50	6.55	34.51	9.36	2.84	74.74
	4	-11.63	5.34	25.83	21.17	25.88	24.37
	5	0.00	2068.31	0.01	0.00	0.01	0.00
	6	0.00	2068.31	0.01	0.00	0.01	0.00
	7	0.00	-2027.23	0.01	0.00	0.01	0.00
	8	0.00	-2027.23	0.01	0.00	0.01	0.00
62.5	1	-15.36	23.55	34.07	6.64	7.52	6.48
	2	-19.82	30.00	44.77	6.69	7.54	6.51
	3	-16.50	26.42	33.47	10.72	2.21	74.74
	4	-11.63	20.06	25.16	25.01	24.43	24.37
	5	0.00	2047.77	0.01	0.00	0.01	0.00
	6	0.00	2047.77	0.01	0.00	0.01	0.00
	7	0.00	-2047.77	0.01	0.00	0.01	0.00
	8	0.00	-2047.77	0.01	0.00	0.01	0.00
68.8	1	-15.36	43.42	31.96	8.00	7.06	6.48
	2	-19.82	56.05	42.06	8.06	7.08	6.51
	3	-16.50	46.29	31.18	12.09	1.49	74.74
	4	-11.63	34.77	23.55	28.85	22.73	24.37
	5	0.00	2027.23	0.01	0.00	0.01	0.00
	6	0.00	2027.23	0.01	0.00	0.01	0.00
	7	0.00	-2068.31	0.01	0.00	0.01	0.00
	8	0.00	-2068.31	0.01	0.00	0.01	0.00

Asta n. 41

Sezione	comb	N	T22	M33	T33	M22	Tor
56.2	1	-25.36	-26.84	26.97	-4.19	12.44	-7.92
	2	-32.64	-34.73	35.29	-4.29	12.53	-7.97
	3	-27.90	-29.91	26.66	-40.59	22.19	-101.66
	4	-19.26	-20.31	20.13	-7.59	43.25	-13.87
	5	0.00	2068.31	0.01	0.00	0.01	0.00
	6	0.00	2068.31	0.01	0.00	0.01	0.00
	7	0.00	-2027.23	0.01	0.00	0.01	0.00
	8	0.00	-2027.23	0.01	0.00	0.01	0.00
62.5	1	-25.36	-6.98	28.04	-2.83	12.66	-7.92
	2	-32.64	-8.67	36.66	-2.92	12.76	-7.97
	3	-27.90	-10.04	27.92	-39.22	24.70	-101.66
	4	-19.26	-5.59	21.02	-3.75	44.06	-13.87
	5	0.00	2047.77	0.01	0.00	0.01	0.00
	6	0.00	2047.77	0.01	0.00	0.01	0.00
	7	0.00	-2047.77	0.01	0.00	0.01	0.00
	8	0.00	-2047.77	0.01	0.00	0.01	0.00
68.8	1	-25.36	12.89	27.85	-1.46	12.79	-7.92
	2	-32.64	17.38	36.39	-1.56	12.90	-7.97

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3	-27.90	9.83	27.93	-37.85	27.13	-101.66
4	-19.26	9.13	20.98	0.09	44.62	-13.87
5	0.00	2027.23	0.01	0.00	0.01	0.00
6	0.00	2027.23	0.01	0.00	0.01	0.00
7	0.00	-2068.31	0.01	0.00	0.01	0.00
8	0.00	-2068.31	0.01	0.00	0.01	0.00

-----+
-----+
| | Azioni shell: Combinazioni Stati Limite Ultimi.
| |
+-----+
-----+

Unita': KN/cm e KN*m/cm

Nelle opzioni del programma, si è scelto di utilizzare nei calcoli solo le 12 combinazioni coi massimi e minimi di ogni azione:

Nmax, Nmin, T22max, T22min, T33max, T33min, M33max, M33min, M22max, M22min, Tormax, Tormin.

Vengono stampate solo quelle combinazioni non nulle.

Vengono stampate solo le combinazioni coi massimi e minimi di ogni azione.

S11: azione normale lungo la direzione 1 delle armature (negativa se di compressione)

S22: azione normale lungo la direzione 2 delle armature (negativa se di compressione)

M11: momento flettente agente nella sezione ortog. all'asse 1 (+ se comprime la superficie positiva) (-Mx1)

M22: momento flettente agente nella sezione ortog. all'asse 2 (+ se comprime la superficie positiva) (-Mx2)

S12: taglio agente nelle sezioni 1 e 2 (Tx1, Tx2)

M12: momento torcente agente nelle sezioni 1 e 2 (Tor1, Tor2)

T11: taglio agente nella sezione ortog. all'asse 1 (-Ty1)

T22: taglio agente nella sezione ortog. all'asse 2 (-Ty2)

Shell n. 1		S11	S22	S12	M11	M22	M12	
T11	Nodo comb							
	T22							
1.4501e+00	37 1	0.0000e+00	0.0000e+00	0.0000e+00	1.3650e-01	1.3028e+00	1.0317e+00	-
	1.4043e+00							
1.8133e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	1.0113e-01	1.1005e+00	1.0767e+00	-
	1.4454e+00							
1.4533e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	2.2839e-01	2.2464e+00	1.5062e+00	-
	2.3470e+00							
1.0586e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	3.2011e-01	2.7739e+00	1.5219e+00	-
	2.1793e+00							
1.2780e-01	38 1	0.0000e+00	0.0000e+00	0.0000e+00	8.5441e-01	9.2822e-01	1.0241e-01	
	1.4043e+00							
1.4549e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	8.9368e-01	8.1915e-01	1.5491e-01	
	1.4454e+00							
1.4111e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	9.8668e-01	1.2888e+00	3.9347e-01	
	2.3470e+00							
1.2405e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2025e+00	1.7978e+00	7.6013e-02	
	2.1793e+00							
1.4501e+00	25 1	0.0000e+00	0.0000e+00	0.0000e+00	-2.8993e-01	2.3459e+00	3.5881e-01	-
	-1.7356e-01							
1.8133e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.3364e-01	2.1129e+00	3.5695e-01	-
	-5.1344e-01							
1.4533e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.9635e-01	3.5118e+00	7.0119e-01	-
	7.5258e-01							
1.0586e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	8.7585e-03	4.4971e+00	6.0562e-01	-
	9.9663e-01							
1.2780e-01	39 1	0.0000e+00	0.0000e+00	0.0000e+00	4.5370e-01	1.9506e+00	-5.7048e-01	
	-1.7356e-01							
1.4549e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	3.8518e-01	1.8113e+00	-5.6485e-01	
	-5.1344e-01							
1.4111e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	5.9061e-01	2.5305e+00	-4.1149e-01	
	7.5258e-01							
1.2405e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	9.2929e-01	3.4866e+00	-5.2619e-01	
	9.9663e-01							

Shell n. 2		S11	S22	S12	M11	M22	M12
T11	Nodo comb						
	T22						

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25	1	0.0000e+00	0.0000e+00	0.0000e+00	3.8743e-01	2.3528e+00	-4.9170e-01	
1.0655e+00		-1.4059e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.7303e-01	2.1313e+00	-4.9546e-01	
1.3003e+00		-4.7680e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.7237e-01	3.5174e+00	-2.6417e-01	
1.0948e+00		7.9567e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	7.2953e-01	4.4763e+00	-4.4122e-01	
7.9988e-01		1.0389e+00						
	39	1	0.0000e+00	0.0000e+00	-1.3240e-01	1.9620e+00	2.7000e-01	-
4.1814e-01		-1.4059e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.8488e-01	1.8402e+00	2.7775e-01	-
5.3840e-01		-4.7680e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3722e-01	2.5330e+00	5.4224e-01	-
4.0845e-01		7.9567e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.3064e-02	3.4570e+00	4.2889e-01	-
3.0499e-01		1.0389e+00						
	41	1	0.0000e+00	0.0000e+00	6.0694e-01	1.4643e+00	-1.0694e-01	-
1.0655e+00		1.3431e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	6.2845e-01	1.2366e+00	-6.2380e-02	-
1.3003e+00		1.3619e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	9.0594e-01	2.5759e+00	3.4848e-01	-
1.0948e+00		2.2990e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	9.0997e-01	3.1237e+00	-9.9080e-02	-
7.9988e-01		2.1437e+00						
	40	1	0.0000e+00	0.0000e+00	5.3064e-02	1.1029e+00	6.5476e-01	-
4.1814e-01		1.3431e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.6279e-02	9.7401e-01	7.1084e-01	-
5.3840e-01		1.3619e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.1442e-02	1.6245e+00	1.1549e+00	-
4.0845e-01		2.2990e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	8.6036e-02	2.1523e+00	9.2859e-01	-
3.0499e-01		2.1437e+00						

Shell n. 3

Nodo	comb	S11	S22	S12	M11	M22	M12	
T11	T22							
41	1	0.0000e+00	0.0000e+00	0.0000e+00	2.5099e-01	1.3244e+00	5.7701e-01	-
2.4820e+00		1.3608e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.1336e-01	1.0501e+00	6.1906e-01	-
3.1765e+00		1.3886e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.0365e-01	2.4554e+00	1.2321e+00	-
2.4495e+00		2.3095e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.1366e-01	3.0321e+00	8.8133e-01	-
1.7919e+00		2.1470e+00						
	40	1	0.0000e+00	0.0000e+00	5.1371e-01	1.2638e+00	-1.6632e-02	-
1.1715e-02		1.3608e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	5.5485e-01	1.1812e+00	4.2012e-02	-
3.7580e-02		1.3886e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.9398e-01	1.8116e+00	2.8872e-01	-
1.3432e-02		2.3095e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	6.9730e-01	2.2869e+00	-3.7859e-02	-
2.2803e-02		2.1470e+00						
	26	1	0.0000e+00	0.0000e+00	-5.5085e-01	1.8992e+00	3.2678e-01	-
2.4820e+00		-1.1094e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.1470e-01	1.5599e+00	3.3436e-01	-
3.1765e+00		-1.7504e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9259e-01	3.4661e+00	9.3274e-01	-
2.4495e+00		-1.5341e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.2727e-02	4.1740e+00	5.7182e-01	-
1.7919e+00		3.3236e-01						
	42	1	0.0000e+00	0.0000e+00	-2.4430e-01	1.8026e+00	-2.6686e-01	-
1.1715e-02		-1.1094e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.2759e-01	1.6552e+00	-2.4270e-01	-
3.7580e-02		-1.7504e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3557e-02	2.7613e+00	-1.0632e-02	-
1.3432e-02		-1.5341e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.7711e-01	3.3683e+00	-2.5597e-01	-
2.2803e-02		3.3236e-01						

Shell n. 4

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Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
26	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5374e-01	1.9164e+00	-2.8725e-01
1.8973e+00		-1.0934e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.3433e-01	1.5819e+00	-2.7499e-01
2.3950e+00		-1.7314e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.3888e-01	3.4766e+00	9.4624e-02
1.9187e+00		-1.2865e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	3.4062e-01	4.1862e+00	-2.5921e-01
1.4052e+00		3.5050e-01					
	42	0.0000e+00	0.0000e+00	0.0000e+00	-3.4171e-01	1.8454e+00	3.3350e-01
4.6281e-01		-1.0934e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.1020e-01	1.7127e+00	3.5320e-01
5.9807e-01		-1.7314e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3095e-01	2.7975e+00	8.0801e-01
4.4861e-01		-1.2865e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.1894e-02	3.3950e+00	5.2773e-01
3.3504e-01		3.5050e-01					
	44	0.0000e+00	0.0000e+00	0.0000e+00	3.1536e-01	1.2441e+00	-1.2261e-01
1.8973e+00		1.2667e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.4843e-01	9.2408e-01	-8.6739e-02
2.3950e+00		1.2617e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.2155e-01	2.6930e+00	4.7871e-01
1.9187e+00		2.2387e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	7.0570e-01	3.0812e+00	-1.1093e-01
1.4052e+00		2.0890e+00					
	43	0.0000e+00	0.0000e+00	0.0000e+00	8.6487e-02	1.2067e+00	4.9814e-01
4.6281e-01		1.2667e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.1056e-02	1.0870e+00	5.4146e-01
5.9807e-01		1.2617e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.0598e-01	2.0523e+00	1.1921e+00
4.4861e-01		2.2387e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.6137e-01	2.3464e+00	7.4535e-01
3.3504e-01		2.0890e+00					

Shell n. 5		S11	S22	S12	M11	M22	M12
T11	T22						
44	1	0.0000e+00	0.0000e+00	0.0000e+00	1.1694e-01	1.2104e+00	4.9094e-01
2.3920e+00		1.2652e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.2330e-02	8.8001e-01	5.2796e-01
3.0562e+00		1.2610e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.2255e-01	2.6647e+00	1.3755e+00
2.3518e+00		2.2310e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.8767e-01	3.0577e+00	7.8355e-01
1.7302e+00		2.0840e+00					
	43	0.0000e+00	0.0000e+00	0.0000e+00	2.5339e-01	1.2341e+00	-1.0091e-01
1.4871e-01		1.2652e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.1996e-01	1.1217e+00	-5.8639e-02
1.7298e-01		1.2610e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.0754e-01	2.1012e+00	3.1760e-01
1.7904e-01		2.2310e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.0133e-01	2.3742e+00	-1.0645e-01
1.4164e-01		2.0840e+00					
	27	0.0000e+00	0.0000e+00	0.0000e+00	-6.0917e-01	1.8012e+00	3.5738e-01
2.3920e+00		-1.2755e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-9.1495e-01	1.4245e+00	3.7048e-01
3.0562e+00		-1.9682e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.0139e-01	3.8392e+00	1.1673e+00
2.3518e+00		-2.9993e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.6775e-02	4.2003e+00	6.2139e-01
1.7302e+00		2.1213e-01					
	45	0.0000e+00	0.0000e+00	0.0000e+00	-4.2374e-01	1.7839e+00	-2.3447e-01
1.4871e-01		-1.2755e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.5627e-01	1.6252e+00	-2.1612e-01
1.7298e-01		-1.9682e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2766e-01	3.1948e+00	1.0938e-01
1.7904e-01		-2.9993e-01					
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.2101e-02	3.4474e+00	-2.2336e-01
1.4164e-01		2.1213e-01					

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Shell n. 6		S11	S22	S12	M11	M22	M12	
T11	Nodo comb	T22						
2.1353e+00	27	1 0.0000e+00	0.0000e+00	0.0000e+00	-3.8896e-01	1.8143e+00	-2.4230e-01	
		-1.2675e+00						
2.7070e+00		2 0.0000e+00	0.0000e+00	0.0000e+00	-6.4390e-01	1.4414e+00	-2.2724e-01	
		-1.9585e+00						
2.1568e+00		3 0.0000e+00	0.0000e+00	0.0000e+00	3.2389e-02	3.8359e+00	2.9408e-01	
		-2.8167e-01						
1.5812e+00		4 0.0000e+00	0.0000e+00	0.0000e+00	1.7400e-01	4.2093e+00	-2.2196e-01	
		2.2121e-01						
3.5978e-01	45	1 0.0000e+00	0.0000e+00	0.0000e+00	-4.5453e-01	1.8087e+00	3.5018e-01	-
		-1.2675e+00						
4.6181e-01		2 0.0000e+00	0.0000e+00	0.0000e+00	-6.7989e-01	1.6579e+00	3.6673e-01	-
		-1.9585e+00						
3.4656e-01		3 0.0000e+00	0.0000e+00	0.0000e+00	-4.1659e-01	3.2070e+00	9.5838e-01	-
		-2.8167e-01						
2.6230e-01		4 0.0000e+00	0.0000e+00	0.0000e+00	-4.9855e-02	3.4641e+00	5.8073e-01	-
		2.2121e-01						
2.1353e+00	47	1 0.0000e+00	0.0000e+00	0.0000e+00	1.8837e-01	1.1959e+00	-1.6726e-01	
		1.2276e+00						
2.7070e+00		2 0.0000e+00	0.0000e+00	0.0000e+00	8.0711e-02	8.5118e-01	-1.3967e-01	
		1.2103e+00						
2.1568e+00		3 0.0000e+00	0.0000e+00	0.0000e+00	6.2462e-01	3.1295e+00	5.8898e-01	
		2.2217e+00						
3.5978e-01	46	1 0.0000e+00	0.0000e+00	0.0000e+00	7.8784e-02	1.2265e+00	4.2522e-01	-
		1.2276e+00						
4.6181e-01		2 0.0000e+00	0.0000e+00	0.0000e+00	-7.1550e-05	1.1027e+00	4.5429e-01	-
		1.2103e+00						
3.4656e-01		3 0.0000e+00	0.0000e+00	0.0000e+00	1.2351e-01	2.5449e+00	1.2533e+00	-
		2.2217e+00						
2.6230e-01		4 0.0000e+00	0.0000e+00	0.0000e+00	3.2823e-01	2.4374e+00	6.7662e-01	-
		2.0626e+00						

Shell n. 7		S11	S22	S12	M11	M22	M12	
T11	Nodo comb	T22						
2.2602e+00	47	1 0.0000e+00	0.0000e+00	0.0000e+00	6.8756e-02	1.1870e+00	4.3632e-01	-
		1.2238e+00						
2.8814e+00		2 0.0000e+00	0.0000e+00	0.0000e+00	-6.5685e-02	8.3973e-01	4.6428e-01	-
		1.2058e+00						
2.2045e+00		3 0.0000e+00	0.0000e+00	0.0000e+00	4.5125e-01	3.1512e+00	1.6772e+00	-
		2.2076e+00						
1.6374e+00		4 0.0000e+00	0.0000e+00	0.0000e+00	4.9485e-01	3.1144e+00	7.2182e-01	-
		2.0579e+00						
2.3954e-01	46	1 0.0000e+00	0.0000e+00	0.0000e+00	1.4418e-01	1.2246e+00	-1.6304e-01	
		1.2238e+00						
2.9296e-01		2 0.0000e+00	0.0000e+00	0.0000e+00	7.3594e-02	1.0996e+00	-1.3422e-01	
		1.2058e+00						
2.7563e-01		3 0.0000e+00	0.0000e+00	0.0000e+00	6.6576e-01	2.5969e+00	1.9236e-01	
		2.2076e+00						
2.2602e+00	28	1 0.0000e+00	0.0000e+00	0.0000e+00	-5.8841e-01	1.8015e+00	3.5520e-01	-
		-1.2760e+00						
2.8814e+00		2 0.0000e+00	0.0000e+00	0.0000e+00	-9.0144e-01	1.4177e+00	3.6607e-01	-
		-1.9686e+00						
2.2045e+00		3 0.0000e+00	0.0000e+00	0.0000e+00	-2.0687e-01	4.8638e+00	1.3521e+00	-
		-2.7255e-01						
1.6374e+00		4 0.0000e+00	0.0000e+00	0.0000e+00	8.2378e-03	4.2797e+00	6.2060e-01	-
		2.1382e-01						
2.3954e-01	48	1 0.0000e+00	0.0000e+00	0.0000e+00	-4.6262e-01	1.7965e+00	-2.4416e-01	
		-1.2760e+00						
2.9296e-01		2 0.0000e+00	0.0000e+00	0.0000e+00	-7.0976e-01	1.6350e+00	-2.3243e-01	
		-1.9686e+00						
2.7563e-01		3 0.0000e+00	0.0000e+00	0.0000e+00	1.1731e-01	4.2076e+00	-1.3270e-01	
		-2.7255e-01						
2.0672e-01		4 0.0000e+00	0.0000e+00	0.0000e+00	2.6986e-02	3.5329e+00	-2.3257e-01	
		2.1382e-01						

Shell n. 8

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Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
28	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.5666e-01	1.8118e+00	-2.4703e-01	
2.1848e+00		-1.2718e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.3637e-01	1.4311e+00	-2.3543e-01	
2.7727e+00		-1.9635e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.7579e-02	4.8584e+00	3.6127e-02	
2.1848e+00		-2.5936e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.3461e-01	4.2866e+00	-2.3086e-01	
1.6169e+00		2.1860e-01						
48	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.7177e-01	1.8107e+00	3.4244e-01	-
3.0146e-01		-1.2718e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1495e-01	1.6536e+00	3.5358e-01	-
3.8376e-01		-1.9635e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2059e-01	4.2103e+00	1.1510e+00	-
2.9896e-01		-2.5936e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5884e-02	3.5428e+00	5.8475e-01	-
2.2347e-01		2.1860e-01						
50	1	0.0000e+00	0.0000e+00	0.0000e+00	1.5529e-01	1.2029e+00	-2.1237e-01	
2.1848e+00		1.2145e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.4171e-02	8.5485e-01	-1.9373e-01	
2.7727e+00		1.1930e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.4472e-01	3.6046e+00	8.0156e-02	
2.1848e+00		2.2244e+00						
49	1	0.0000e+00	0.0000e+00	0.0000e+00	9.4366e-02	1.2398e+00	3.7709e-01	-
3.0146e-01		1.2145e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	8.8344e-03	1.1143e+00	3.9529e-01	-
3.8376e-01		1.1930e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.3187e-01	3.0235e+00	1.1950e+00	-
2.9896e-01		2.2244e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	3.8275e-01	2.4981e+00	6.2156e-01	-
2.2347e-01		2.0550e+00						

Shell n. 9 Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
50	1	0.0000e+00	0.0000e+00	0.0000e+00	8.2328e-02	1.1967e+00	3.8976e-01	-
2.2139e+00		1.2123e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.6967e-02	8.4689e-01	4.0801e-01	-
2.8188e+00		1.1904e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.9002e-01	3.5989e+00	1.3537e+00	-
2.1641e+00		2.2181e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.3206e-01	3.1719e+00	6.5783e-01	-
1.6083e+00		2.0525e+00						
49	1	0.0000e+00	0.0000e+00	0.0000e+00	1.2416e-01	1.2374e+00	-2.0942e-01	
2.7288e-01		1.2123e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	4.2765e-02	1.1108e+00	-1.9070e-01	
3.3820e-01		1.1904e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.1123e-01	3.0341e+00	-4.7258e-02	
3.0399e-01		2.2181e+00						
29	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4988e-01	1.8159e+00	3.3720e-01	-
2.2139e+00		-1.2745e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.5886e-01	1.4317e+00	3.4358e-01	-
2.8188e+00		-1.9666e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4634e-01	5.2150e+00	1.1049e+00	-
2.1641e+00		-2.4996e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	6.0669e-02	4.3426e+00	5.8755e-01	-
1.6083e+00		2.1709e-01						
51	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.5780e-01	1.8141e+00	-2.6198e-01	
2.7288e-01		-1.2745e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.0702e-01	1.6534e+00	-2.5513e-01	
3.3820e-01		-1.9666e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	8.4046e-02	4.5487e+00	-2.9611e-01	
3.0399e-01		-2.4996e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.2653e-02	3.5962e+00	-2.5273e-01	
2.2711e-01		2.1709e-01						

Shell n. 10 Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							

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29	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.7622e-01	1.8224e+00	-2.6658e-01	
2.2008e+00		-1.2723e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.6554e-01	1.4402e+00	-2.5953e-01	
2.7954e+00		-1.9640e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7010e-02	5.2149e+00	-2.2855e-01	
2.1867e+00		-2.4313e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2921e-01	4.3468e+00	-2.5499e-01	
1.6272e+00		2.1955e-01						
	51	0.0000e+00	0.0000e+00	0.0000e+00	-4.5984e-01	1.8219e+00	3.2593e-01	-
2.8230e-01		-1.2723e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.0689e-01	1.6636e+00	3.3224e-01	-
3.5672e-01		-1.9640e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5992e-02	4.5526e+00	1.0027e+00	-
2.8882e-01		-2.4313e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.2969e-02	3.6017e+00	5.6062e-01	-
2.1081e-01		2.1955e-01						
	53	0.0000e+00	0.0000e+00	0.0000e+00	1.4744e-01	1.2113e+00	-2.5735e-01	-
2.2008e+00		1.2108e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.1362e-02	8.6292e-01	-2.4788e-01	-
2.7954e+00		1.1881e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.2049e-01	3.8155e+00	-2.8794e-01	-
2.1867e+00		2.2324e+00						
	52	0.0000e+00	0.0000e+00	0.0000e+00	1.1658e-01	1.2503e+00	3.3517e-01	-
2.8230e-01		1.2108e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.1623e-02	1.1249e+00	3.4389e-01	-
3.5672e-01		1.1881e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.2366e-01	3.2334e+00	9.4333e-01	-
2.8882e-01		2.2324e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.2468e-01	2.5352e+00	5.6173e-01	-
2.1081e-01		2.0538e+00						

Shell n. 11

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
	53	0.0000e+00	0.0000e+00	0.0000e+00	1.1228e-01	1.2078e+00	3.4557e-01	-
2.2045e+00		1.2099e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.3008e-02	8.5841e-01	3.5440e-01	-
2.8043e+00		1.1870e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.4788e-01	3.8124e+00	1.0312e+00	-
2.1641e+00		2.2296e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.7103e-01	3.2094e+00	5.8628e-01	-
1.6077e+00		2.0527e+00						
	52	0.0000e+00	0.0000e+00	0.0000e+00	1.2909e-01	1.2493e+00	-2.5200e-01	-
2.8109e-01		1.2099e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	4.6057e-02	1.1234e+00	-2.4252e-01	-
3.5091e-01		1.1870e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.0796e-01	3.2389e+00	-3.4288e-01	-
3.0523e-01		2.2296e+00						
	30	0.0000e+00	0.0000e+00	0.0000e+00	-5.1403e-01	1.8258e+00	3.1436e-01	-
2.2045e+00		-1.2757e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.1590e-01	1.4423e+00	3.1619e-01	-
2.8043e+00		-1.9682e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.6153e-02	5.3944e+00	8.3382e-01	-
2.1641e+00		-2.3974e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.0039e-01	4.3753e+00	5.3881e-01	-
1.6077e+00		2.1755e-01						
	54	0.0000e+00	0.0000e+00	0.0000e+00	-4.4771e-01	1.8255e+00	-2.8322e-01	-
2.8109e-01		-1.2757e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.9569e-01	1.6660e+00	-2.8074e-01	-
3.5091e-01		-1.9682e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.9244e-02	4.7232e+00	-5.4032e-01	-
3.0523e-01		-2.3974e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.4567e-02	3.6292e+00	-2.7748e-01	-
2.2749e-01		2.1755e-01						

Shell n. 12

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
	30	0.0000e+00	0.0000e+00	0.0000e+00	-4.9012e-01	1.8280e+00	-2.9017e-01	-
2.2045e+00		-1.2750e+00						

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2.8022e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.8547e-01	1.4452e+00	-2.8758e-01	
		-1.9674e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.3727e-02	5.3946e+00	-5.3095e-01	
2.1766e+00		-2.3756e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2234e-01	4.3768e+00	-2.8365e-01	
1.6282e+00		2.1832e-01						
	54	1	0.0000e+00	0.0000e+00	-4.4797e-01	1.8280e+00	3.0534e-01	-
2.8024e-01		-1.2750e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.9526e-01	1.6693e+00	3.0720e-01	-
3.5191e-01		-1.9674e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.5316e-02	4.7247e+00	7.8868e-01	-
2.9591e-01		-2.3756e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.8768e-02	3.6310e+00	5.2083e-01	-
2.1093e-01		2.1832e-01						
	56	1	0.0000e+00	0.0000e+00	1.3595e-01	1.2131e+00	-3.0170e-01	-
2.2045e+00		1.2098e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	5.8264e-03	8.6430e-01	-3.0137e-01	-
2.8022e+00		1.1867e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.9348e-01	3.8830e+00	-6.6819e-01	-
2.1766e+00		2.2349e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.9649e-01	3.2229e+00	-2.9724e-01	-
1.6282e+00		2.0534e+00						
	55	1	0.0000e+00	0.0000e+00	1.2963e-01	1.2538e+00	2.9381e-01	-
2.8024e-01		1.2098e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	4.6174e-02	1.1285e+00	2.9341e-01	-
3.5191e-01		1.1867e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.8449e-01	3.3035e+00	6.5144e-01	-
2.9591e-01		2.2349e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.4660e-01	2.5477e+00	4.9575e-01	-
2.1093e-01		2.0534e+00						

Shell n. 13

Nodo	comb	S11	S22	S12	M11	M22	M12	
T11	T22							
	56	1	0.0000e+00	0.0000e+00	0.0000e+00	1.3595e-01	1.2131e+00	3.0170e-01 -
2.2045e+00		1.2098e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	5.8264e-03	8.6430e-01	3.0137e-01	-
2.8022e+00		1.1867e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.9348e-01	3.8830e+00	6.6819e-01	-
2.1766e+00		2.2349e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.9649e-01	3.2229e+00	5.0877e-01	-
1.6145e+00		2.0534e+00						
	55	1	0.0000e+00	0.0000e+00	0.0000e+00	1.2963e-01	1.2538e+00	-2.9381e-01
2.8024e-01		1.2098e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	4.6174e-02	1.1285e+00	-2.9341e-01	-
3.5191e-01		1.1867e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.8449e-01	3.3035e+00	-6.5144e-01	-
2.9591e-01		2.2349e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.4660e-01	2.5477e+00	-2.8954e-01	-
2.2054e-01		2.0534e+00						
	31	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.9012e-01	1.8280e+00	2.9017e-01 -
2.2045e+00		-1.2750e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.8547e-01	1.4452e+00	2.8758e-01	-
2.8022e+00		-1.9674e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.3727e-02	5.3946e+00	5.3095e-01	-
2.1766e+00		-2.3756e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2234e-01	4.3768e+00	4.8370e-01	-
1.6145e+00		2.1832e-01						
	57	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.4797e-01	1.8280e+00	-3.0534e-01
2.8024e-01		-1.2750e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.9526e-01	1.6693e+00	-3.0720e-01	-
3.5191e-01		-1.9674e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.5316e-02	4.7247e+00	-7.8868e-01	-
2.9591e-01		-2.3756e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.8766e-02	3.6310e+00	-3.0312e-01	-
2.2054e-01		2.1832e-01						

Shell n. 14

Nodo	comb	S11	S22	S12	M11	M22	M12
T11	T22						

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31	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.1403e-01	1.8258e+00	-3.1436e-01	
2.2045e+00		-1.2757e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.1590e-01	1.4423e+00	-3.1619e-01	
2.8043e+00		-1.9682e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.6153e-02	5.3944e+00	-8.3382e-01	
2.1641e+00		-2.3974e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.0039e-01	4.3753e+00	-3.1276e-01	
1.6264e+00		2.1755e-01						
57	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.4771e-01	1.8255e+00	2.8322e-01	-
2.8109e-01		-1.2757e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.9569e-01	1.6660e+00	2.8074e-01	-
3.5091e-01		-1.9682e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.9244e-02	4.7232e+00	5.4032e-01	-
3.0523e-01		-2.3974e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.4571e-02	3.6292e+00	4.7437e-01	-
2.1319e-01		2.1755e-01						
59	1	0.0000e+00	0.0000e+00	0.0000e+00	1.1228e-01	1.2078e+00	-3.4557e-01	-
2.2045e+00		1.2099e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.3008e-02	8.5841e-01	-3.5440e-01	-
2.8043e+00		1.1870e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.4788e-01	3.8124e+00	-1.0312e+00	-
2.1641e+00		2.2296e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.7103e-01	3.2094e+00	-3.4299e-01	-
1.6264e+00		2.0527e+00						
58	1	0.0000e+00	0.0000e+00	0.0000e+00	1.2909e-01	1.2493e+00	2.5200e-01	-
2.8109e-01		1.2099e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	4.6057e-02	1.1234e+00	2.4252e-01	-
3.5091e-01		1.1870e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.0796e-01	3.2389e+00	3.4288e-01	-
3.0523e-01		2.2296e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.4726e-01	2.5355e+00	4.2697e-01	-
2.1319e-01		2.0527e+00						

Shell n. 15

Nodo	comb	S11	S22	S12	M11	M22	M12	
T11	T22							
59	1	0.0000e+00	0.0000e+00	0.0000e+00	1.4744e-01	1.2113e+00	2.5735e-01	-
2.2008e+00		1.2108e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.1362e-02	8.6292e-01	2.4788e-01	-
2.7954e+00		1.1881e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.2049e-01	3.8155e+00	2.8794e-01	-
2.1867e+00		2.2324e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	6.0500e-01	3.2120e+00	4.2840e-01	-
1.6185e+00		2.0538e+00						
58	1	0.0000e+00	0.0000e+00	0.0000e+00	1.1658e-01	1.2503e+00	-3.3517e-01	-
2.8230e-01		1.2108e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.1623e-02	1.1249e+00	-3.4389e-01	-
3.5672e-01		1.1881e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.2366e-01	3.2334e+00	-9.4333e-01	-
2.8882e-01		2.2324e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.2468e-01	2.5352e+00	-3.3088e-01	-
2.1569e-01		2.0538e+00						
32	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.7622e-01	1.8224e+00	2.6658e-01	-
2.2008e+00		-1.2723e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.6554e-01	1.4402e+00	2.5953e-01	-
2.7954e+00		-1.9640e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7010e-02	5.2149e+00	2.2855e-01	-
2.1867e+00		-2.4313e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2921e-01	4.3468e+00	4.2956e-01	-
1.6185e+00		2.1955e-01						
60	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.5984e-01	1.8219e+00	-3.2593e-01	-
2.8230e-01		-1.2723e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.0689e-01	1.6636e+00	-3.3224e-01	-
3.5672e-01		-1.9640e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5992e-02	4.5526e+00	-1.0027e+00	-
2.8882e-01		-2.4313e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.2966e-02	3.6016e+00	-3.2622e-01	-
2.1569e-01		2.1955e-01						

Shell n. 16

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Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
32	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4988e-01	1.8159e+00	-3.3720e-01	
2.2139e+00		-1.2745e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.5886e-01	1.4317e+00	-3.4358e-01	
2.8188e+00		-1.9666e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4634e-01	5.2150e+00	-1.1049e+00	
2.1641e+00		-2.4996e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	6.0663e-02	4.3425e+00	-3.3962e-01	
1.6317e+00		2.1709e-01						
	60	0.0000e+00	0.0000e+00	0.0000e+00	-4.5780e-01	1.8141e+00	2.6198e-01	-
2.7288e-01		-1.2745e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.0702e-01	1.6534e+00	2.5513e-01	-
3.3820e-01		-1.9666e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	8.4046e-02	4.5487e+00	2.9611e-01	-
3.0399e-01		-2.4996e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.2641e-02	3.5962e+00	4.2938e-01	-
2.0858e-01		2.1709e-01						
	62	0.0000e+00	0.0000e+00	0.0000e+00	8.2328e-02	1.1967e+00	-3.8976e-01	
2.2139e+00		1.2123e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.6967e-02	8.4689e-01	-4.0801e-01	
2.8188e+00		1.1904e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.9002e-01	3.5989e+00	-1.3537e+00	
2.1641e+00		2.2181e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.3206e-01	3.1719e+00	-3.8767e-01	
1.6317e+00		2.0525e+00						
	61	0.0000e+00	0.0000e+00	0.0000e+00	1.2416e-01	1.2374e+00	2.0942e-01	-
2.7288e-01		1.2123e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	4.2765e-02	1.1108e+00	1.9070e-01	-
3.3820e-01		1.1904e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.1123e-01	3.0341e+00	4.7258e-02	-
3.0399e-01		2.2181e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.3524e-01	2.4986e+00	3.5926e-01	-
2.0858e-01		2.0525e+00						
Shell n. 17								
Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
62	1	0.0000e+00	0.0000e+00	0.0000e+00	1.5529e-01	1.2029e+00	2.1237e-01	-
2.1848e+00		1.2145e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.4171e-02	8.5485e-01	1.9373e-01	-
2.7727e+00		1.1930e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.4472e-01	3.6046e+00	-8.0156e-02	-
2.1848e+00		2.2244e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	6.0447e-01	3.1764e+00	3.4878e-01	-
1.6124e+00		2.0550e+00						
	61	0.0000e+00	0.0000e+00	0.0000e+00	9.4366e-02	1.2398e+00	-3.7709e-01	
3.0146e-01		1.2145e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	8.8344e-03	1.1143e+00	-3.9529e-01	
3.8376e-01		1.1930e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.3187e-01	3.0235e+00	-1.1950e+00	
2.9896e-01		2.2244e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	3.8275e-01	2.4981e+00	-3.7093e-01	
2.2400e-01		2.0550e+00						
	33	0.0000e+00	0.0000e+00	0.0000e+00	-4.5666e-01	1.8118e+00	2.4703e-01	-
2.1848e+00		-1.2718e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.3637e-01	1.4311e+00	2.3543e-01	-
2.7727e+00		-1.9635e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.7579e-02	4.8584e+00	-3.6127e-02	-
2.1848e+00		-2.5936e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.3461e-01	4.2866e+00	3.8554e-01	-
1.6124e+00		2.1860e-01						
	63	0.0000e+00	0.0000e+00	0.0000e+00	-4.7177e-01	1.8107e+00	-3.4244e-01	
3.0146e-01		-1.2718e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1495e-01	1.6536e+00	-3.5358e-01	
3.8376e-01		-1.9635e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2059e-01	4.2103e+00	-1.1510e+00	
2.9896e-01		-2.5936e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5885e-02	3.5428e+00	-3.4286e-01	
2.2400e-01		2.1860e-01						

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Shell n. 18		S11	S22	S12	M11	M22	M12	
T11	Nodo comb	T22						
	33	1 0.0000e+00	0.0000e+00	0.0000e+00	-5.8841e-01	1.8015e+00	-3.5520e-01	
2.2602e+00		-1.2760e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-9.0144e-01	1.4177e+00	-3.6607e-01	
2.8814e+00		-1.9686e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.0687e-01	4.8638e+00	-1.3521e+00	
2.2045e+00		-2.7255e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	8.2460e-03	4.2797e+00	-3.5983e-01	
1.6646e+00		2.1383e-01						
	63	1 0.0000e+00	0.0000e+00	0.0000e+00	-4.6262e-01	1.7965e+00	2.4416e-01	-
2.3954e-01		-1.2760e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.0976e-01	1.6350e+00	2.3243e-01	-
2.9296e-01		-1.9686e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.1731e-01	4.2076e+00	1.3270e-01	-
2.7563e-01		-2.7255e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.6986e-02	3.5330e+00	3.9480e-01	-
1.8500e-01		2.1383e-01						
	65	1 0.0000e+00	0.0000e+00	0.0000e+00	6.8756e-02	1.1870e+00	-4.3632e-01	-
2.2602e+00		1.2238e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.5685e-02	8.3973e-01	-4.6428e-01	-
2.8814e+00		1.2058e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.5125e-01	3.1512e+00	-1.6772e+00	-
2.2045e+00		2.2076e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.9485e-01	3.1144e+00	-4.3190e-01	-
1.6646e+00		2.0579e+00						
	64	1 0.0000e+00	0.0000e+00	0.0000e+00	1.4418e-01	1.2246e+00	1.6304e-01	-
2.3954e-01		1.2238e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	7.3594e-02	1.0996e+00	1.3422e-01	-
2.9296e-01		1.2058e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.6576e-01	2.5969e+00	-1.9236e-01	-
2.7563e-01		2.2076e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.3527e-01	2.4402e+00	2.9380e-01	-
1.8500e-01		2.0579e+00						

Shell n. 19		S11	S22	S12	M11	M22	M12	
T11	Nodo comb	T22						
	65	1 0.0000e+00	0.0000e+00	0.0000e+00	1.8837e-01	1.1959e+00	1.6726e-01	-
2.1353e+00		1.2276e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	8.0711e-02	8.5118e-01	1.3967e-01	-
2.7070e+00		1.2103e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	6.2462e-01	3.1295e+00	-5.8898e-01	-
2.1568e+00		2.2217e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	6.1959e-01	3.1208e+00	2.7382e-01	-
1.5791e+00		2.0626e+00						
	64	1 0.0000e+00	0.0000e+00	0.0000e+00	7.8784e-02	1.2265e+00	-4.2522e-01	-
3.5978e-01		1.2276e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1550e-05	1.1027e+00	-4.5429e-01	-
4.6181e-01		1.2103e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.2351e-01	2.5449e+00	-1.2533e+00	-
3.4656e-01		2.2217e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	3.2824e-01	2.4374e+00	-4.1280e-01	-
2.6539e-01		2.0626e+00						
	34	1 0.0000e+00	0.0000e+00	0.0000e+00	-3.8896e-01	1.8143e+00	2.4230e-01	-
2.1353e+00		-1.2675e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.4390e-01	1.4414e+00	2.2724e-01	-
2.7070e+00		-1.9585e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.7399e-01	4.2093e+00	3.6944e-01	-
1.5791e+00		2.2120e-01						
	66	1 0.0000e+00	0.0000e+00	0.0000e+00	-4.5453e-01	1.8087e+00	-3.5018e-01	-
3.5978e-01		-1.2675e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.7989e-01	1.6579e+00	-3.6673e-01	-
4.6181e-01		-1.9585e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.9848e-02	3.4642e+00	-3.4668e-01	-
2.6539e-01		2.2120e-01						

Shell n. 20

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Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
34	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.0917e-01	1.8012e+00	-3.5738e-01	
2.3920e+00		-1.2755e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-9.1495e-01	1.4245e+00	-3.7048e-01	
3.0562e+00		-1.9682e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.6775e-02	4.2003e+00	-3.6259e-01	
1.7610e+00		2.1213e-01						
66	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2374e-01	1.7839e+00	2.3447e-01	-
1.4871e-01		-1.2755e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.5627e-01	1.6252e+00	2.1612e-01	-
1.7298e-01		-1.9682e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.2105e-02	3.4475e+00	3.8469e-01	-
1.1828e-01		2.1213e-01						
68	1	0.0000e+00	0.0000e+00	0.0000e+00	1.1694e-01	1.2104e+00	-4.9094e-01	
2.3920e+00		1.2652e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.2330e-02	8.8001e-01	-5.2796e-01	
3.0562e+00		1.2610e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.2255e-01	2.6647e+00	-1.3755e+00	
2.3518e+00		2.2310e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.8767e-01	3.0577e+00	-4.7932e-01	
1.7610e+00		2.0840e+00						
67	1	0.0000e+00	0.0000e+00	0.0000e+00	2.5339e-01	1.2341e+00	1.0091e-01	-
1.4871e-01		1.2652e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.1996e-01	1.1217e+00	5.8639e-02	-
1.7298e-01		1.2610e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.0754e-01	2.1012e+00	-3.1760e-01	-
1.7904e-01		2.2310e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.0133e-01	2.3743e+00	2.2270e-01	-
1.1828e-01		2.0840e+00						

Shell n. 21

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
68	1	0.0000e+00	0.0000e+00	0.0000e+00	3.1536e-01	1.2441e+00	1.2261e-01	-
1.8973e+00		1.2667e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.4843e-01	9.2408e-01	8.6739e-02	-
2.3950e+00		1.2617e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.2155e-01	2.6930e+00	-4.7871e-01	-
1.9187e+00		2.2387e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	7.0570e-01	3.0812e+00	2.0831e-01	-
1.4034e+00		2.0890e+00						
67	1	0.0000e+00	0.0000e+00	0.0000e+00	8.6487e-02	1.2067e+00	-4.9814e-01	
4.6281e-01		1.2667e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.1056e-02	1.0870e+00	-5.4146e-01	
5.9807e-01		1.2617e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.0598e-01	2.0523e+00	-1.1921e+00	
4.4861e-01		2.2387e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.6137e-01	2.3464e+00	-4.7050e-01	
3.4076e-01		2.0890e+00						
35	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5374e-01	1.9164e+00	2.8725e-01	-
1.8973e+00		-1.0934e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.3433e-01	1.5819e+00	2.7499e-01	-
2.3950e+00		-1.7314e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	3.4063e-01	4.1862e+00	4.2539e-01	-
1.4034e+00		3.5050e-01						
69	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4171e-01	1.8454e+00	-3.3350e-01	
4.6281e-01		-1.0934e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.1020e-01	1.7127e+00	-3.5320e-01	
5.9807e-01		-1.7314e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.1887e-02	3.3950e+00	-3.2276e-01	
3.4076e-01		3.5050e-01						

Shell n. 22

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
35	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5085e-01	1.8992e+00	-3.2678e-01	
2.4820e+00		-1.1094e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.1470e-01	1.5599e+00	-3.3436e-01	
3.1765e+00		-1.7504e+00						

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1.8266e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.2734e-02	4.1740e+00	-3.3259e-01	
	69	3.3236e-01						
1.1715e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4430e-01	1.8026e+00	2.6686e-01	
	2	-1.1094e+00						
3.7580e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.2759e-01	1.6552e+00	2.4270e-01	
	4	-1.7504e+00						
6.0300e-04	4	0.0000e+00	0.0000e+00	0.0000e+00	1.7711e-01	3.3683e+00	4.4671e-01	
	71	3.3236e-01						
2.4820e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	2.5099e-01	1.3244e+00	-5.7701e-01	
	2	1.3608e+00						
3.1765e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	2.1336e-01	1.0501e+00	-6.1906e-01	
	3	1.3886e+00						
2.4495e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	5.0365e-01	2.4554e+00	-1.2321e+00	
	4	2.3095e+00						
1.8266e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	5.1365e-01	3.0321e+00	-5.5059e-01	
	70	2.1470e+00						
1.1715e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	5.1371e-01	1.2638e+00	1.6632e-02	
	2	1.3608e+00						
3.7580e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	5.5485e-01	1.1812e+00	-4.2012e-02	
	3	1.3886e+00						
1.3432e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	6.9398e-01	1.8116e+00	-2.8872e-01	-
	4	2.3095e+00						
6.0300e-04	4	0.0000e+00	0.0000e+00	0.0000e+00	6.9729e-01	2.2869e+00	1.3730e-01	
	70	2.1470e+00						

Shell n. 23

Nodo	comb	S11	S22	S12	M11	M22	M12	
T11	T22							
71	1	0.0000e+00	0.0000e+00	0.0000e+00	6.0694e-01	1.4643e+00	1.0694e-01	-
1.0655e+00	1	1.3431e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	6.2845e-01	1.2366e+00	6.2380e-02	-
1.3003e+00	1	1.3619e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	9.0594e-01	2.5759e+00	-3.4848e-01	-
1.0948e+00	1	2.2990e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	9.0996e-01	3.1237e+00	2.0483e-01	-
7.9236e-01	1	2.1437e+00						
4.1814e-01	1	0.0000e+00	0.0000e+00	0.0000e+00	5.3064e-02	1.1029e+00	-6.5476e-01	
	2	1.3431e+00						
5.3840e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	3.6279e-02	9.7401e-01	-7.1084e-01	
	3	1.3619e+00						
4.0845e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.1442e-02	1.6245e+00	-1.1549e+00	
	4	2.2990e+00						
3.0840e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	8.6028e-02	2.1523e+00	-6.0033e-01	
	36	2.1437e+00						
1.0655e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	3.8743e-01	2.3528e+00	4.9170e-01	-
	2	-1.4059e-01						
1.3003e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	3.7303e-01	2.1313e+00	4.9546e-01	-
	4	-4.7680e-01						
7.9236e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	7.2951e-01	4.4763e+00	7.0404e-01	-
	72	1.0389e+00						
4.1814e-01	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.3240e-01	1.9620e+00	-2.7000e-01	
	2	-1.4059e-01						
5.3840e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.8488e-01	1.8402e+00	-2.7775e-01	
	4	-4.7680e-01						
3.0840e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.3074e-02	3.4570e+00	-2.5867e-01	
	72	1.0389e+00						

Shell n. 24

Nodo	comb	S11	S22	S12	M11	M22	M12	
T11	T22							
36	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.8993e-01	2.3459e+00	-3.5881e-01	
1.4501e+00	1	-1.7356e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.3364e-01	2.1129e+00	-3.5695e-01	
1.8133e+00	1	-5.1344e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	8.7657e-03	4.4971e+00	-3.5317e-01	
1.0705e+00	1	9.9662e-01						
	72	0.0000e+00	0.0000e+00	0.0000e+00	4.5370e-01	1.9506e+00	5.7048e-01	-
1.2780e-01	1	-1.7356e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.8518e-01	1.8113e+00	5.6485e-01	-
1.4549e-01	2	-5.1344e-01						

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1.0198e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	9.2930e-01	3.4866e+00	8.6450e-01	-
	9.9662e-01							
	74	1	0.0000e+00	0.0000e+00	0.0000e+00	1.3650e-01	1.3028e+00	-1.0317e+00
1.4501e+00	1.4043e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	1.0113e-01	1.1005e+00	-1.0767e+00
1.8133e+00	1.4454e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	2.2839e-01	2.2464e+00	-1.5062e+00
1.4533e+00	2.3470e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	3.2012e-01	2.7739e+00	-9.5473e-01
1.0705e+00	2.1793e+00	73	1	0.0000e+00	0.0000e+00	0.0000e+00	8.5441e-01	9.2822e-01
1.2780e-01	1.4043e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	8.9368e-01	8.1915e-01	-1.5491e-01
1.4549e-01	1.4454e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	9.8668e-01	1.2888e+00	-3.9347e-01
1.4111e-01	2.3470e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2025e+00	1.7978e+00	-5.1110e-02
1.0198e-01	2.1793e+00							

Shell n. 25

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
	75	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4917e-01	2.4823e-01	-3.9545e-01
6.4176e-02	1.2932e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.9667e-01	2.0423e-01	-4.1220e-01
7.6938e-02	1.3794e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.8854e-01	8.3279e-01	-2.6925e-01
6.8514e-02	2.0120e+00	37	1	0.0000e+00	0.0000e+00	-5.6659e-01	-1.0426e+00	6.7535e-01
1.5105e+00	1.2932e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.0459e-01	-1.2581e+00	6.7339e-01
1.8737e+00	1.3794e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.8712e-01	-9.1308e-01	1.0467e+00
1.5265e+00	2.0120e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0837e-01	-7.9916e-01	1.0925e+00
1.1273e+00	1.8270e+00	76	1	0.0000e+00	0.0000e+00	-7.0964e-01	-1.1167e+00	-3.5417e-01
6.4176e-02	2.8679e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.6622e-01	-1.2002e+00	-3.2360e-01
7.6938e-02	3.3301e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.5357e-01	-8.2611e-01	-1.5363e-01
6.8514e-02	3.6070e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.1245e-01	-9.5849e-01	-3.3643e-01
4.5277e-02	3.0175e+00	25	1	0.0000e+00	0.0000e+00	-1.0108e+00	-2.4287e+00	7.1664e-01
1.5105e+00	2.8679e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.1590e+00	-2.6838e+00	7.6199e-01
1.8737e+00	3.3301e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1341e+00	-2.5950e+00	1.1623e+00
1.5265e+00	3.6070e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.3884e-01	-2.0730e+00	1.0366e+00
1.1273e+00	3.0175e+00							

Shell n. 26

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
	76	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.5129e-01	-1.0130e+00	5.5169e-01
4.3555e-01	2.8596e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8349e-01	-1.0805e+00	5.8580e-01
5.6948e-01	3.3190e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0856e-01	-6.8745e-01	9.0384e-01
4.1784e-01	3.5994e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.8336e-01	-8.7024e-01	7.9969e-01
2.9608e-01	3.0127e+00	25	1	0.0000e+00	0.0000e+00	-3.5590e-01	-2.3297e+00	-1.9827e-01
1.1156e+00	2.8596e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7154e-01	-2.5695e+00	-1.5662e-01
1.3509e+00	3.3190e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1886e-01	-2.4616e+00	9.5450e-02
1.1478e+00	3.5994e+00							

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8.7458e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0586e-01	-1.9888e+00	-1.9266e-01	
	77	3.0127e+00						
4.3555e-01	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2792e-01	-8.3528e-02	3.4764e-01	-
	2	1.3085e+00						
5.6948e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2852e-01	-1.5422e-01	3.3926e-01	-
	3	1.3985e+00						
4.1784e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	1.2969e-01	3.1597e-01	7.9435e-01	-
	4	2.0337e+00						
2.9608e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0989e-01	1.3644e-01	6.1536e-01	-
	41	1.8420e+00						
1.1156e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5390e-01	-1.3741e+00	-4.0232e-01	
	2	1.3085e+00						
1.3509e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3768e-01	-1.6161e+00	-4.0316e-01	
	3	1.3985e+00						
1.1478e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0049e-01	-1.4334e+00	-1.4045e-02	
	4	2.0337e+00						
8.7458e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5243e-01	-1.1028e+00	-3.4969e-01	
	1	1.8420e+00						

Shell n. 27

Nodo comb		S11	S22	S12	M11	M22	M12		
T11	T22								
	77	1	0.0000e+00	0.0000e+00	0.0000e+00	8.5212e-02	3.6754e-02	-4.0016e-01	-
9.5074e-02		2	1.2885e+00						
	2	2	0.0000e+00	0.0000e+00	0.0000e+00	1.4530e-01	8.4625e-03	-4.1478e-01	-
1.3797e-01		3	1.3708e+00						
	3	3	0.0000e+00	0.0000e+00	0.0000e+00	2.7464e-01	4.1188e-01	-1.2597e-01	-
7.7177e-02		4	2.0166e+00						
	4	4	0.0000e+00	0.0000e+00	0.0000e+00	3.8818e-02	2.0665e-01	-3.5145e-01	-
6.3564e-02		1	1.8312e+00						
	1	41	0.0000e+00	0.0000e+00	0.0000e+00	-4.7830e-01	-1.5166e+00	3.5315e-01	-
2.5238e+00		2	1.2885e+00						
	2	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.1574e-01	-1.7997e+00	3.5852e-01	-
3.2179e+00		3	1.3708e+00						
	3	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.5159e-01	-1.5906e+00	9.1660e-01	-
2.5134e+00		4	2.0166e+00						
	4	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.3014e-01	-1.2121e+00	6.2013e-01	-
1.8614e+00		1	1.8312e+00						
	1	78	0.0000e+00	0.0000e+00	0.0000e+00	-7.4236e-01	-1.0186e+00	-1.9809e-01	-
9.5074e-02		2	3.7173e+00						
	2	2	0.0000e+00	0.0000e+00	0.0000e+00	-9.1208e-01	-1.1165e+00	-1.7331e-01	-
1.3797e-01		3	4.4507e+00						
	3	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.5275e-01	-9.8019e-01	2.1165e-01	-
7.7177e-02		4	4.4529e+00						
	4	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.7565e-01	-8.8775e-01	-1.8422e-01	-
6.3564e-02		1	3.6290e+00						
	1	26	0.0000e+00	0.0000e+00	0.0000e+00	-1.2889e+00	-2.5965e+00	5.5523e-01	-
2.5238e+00		2	3.7173e+00						
	2	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.5575e+00	-2.9499e+00	5.9999e-01	-
3.2179e+00		3	4.4507e+00						
	3	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3447e+00	-3.0245e+00	1.2542e+00	-
2.5134e+00		4	4.4529e+00						
	4	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0267e+00	-2.1991e+00	8.3884e-01	-
1.8614e+00		1	3.6290e+00						

Shell n. 28

Nodo comb		S11	S22	S12	M11	M22	M12		
T11	T22								
	78	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.3593e-01	-9.8013e-01	4.9014e-01	-
4.8422e-01		2	3.7077e+00						
	2	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.9223e-01	-1.0682e+00	5.2376e-01	-
6.3580e-01		3	4.4393e+00						
	3	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.3667e-01	-9.3690e-01	1.1379e+00	-
4.5294e-01		4	4.4428e+00						
	4	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.7648e-01	-8.5775e-01	7.5585e-01	-
3.2369e-01		1	3.6192e+00						
	1	26	0.0000e+00	0.0000e+00	0.0000e+00	-8.8353e-01	-2.5526e+00	-1.4187e-01	-
1.9398e+00		2	3.7077e+00						
	2	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.0630e+00	-2.8953e+00	-1.0614e-01	-
2.4383e+00		3	4.4393e+00						

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1.9689e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.5602e-01	-2.9669e+00	3.1672e-01	
	4	4.4428e+00						
1.4685e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.0075e-01	-2.1640e+00	-1.3417e-01	
	79	3.6192e+00						
4.8422e-01	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.7310e-01	-1.4207e-01	3.5980e-01	-
	2	1.2837e+00						
6.3580e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.2156e-01	-2.1139e-01	3.6991e-01	-
	3	1.3652e+00						
4.5294e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.7906e-02	1.3493e-01	1.0716e+00	-
	4	2.0209e+00						
3.2369e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2642e-01	1.2520e-02	6.2107e-01	-
	44	1.8270e+00						
1.9398e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3584e-01	-1.6918e+00	-2.7221e-01	
	2	1.2837e+00						
2.4383e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.0619e-01	-2.0151e+00	-2.6000e-01	
	3	1.3652e+00						
1.9689e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.8651e-01	-1.8783e+00	2.5045e-01	
	4	2.0209e+00						
1.4685e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.6565e-01	-1.3609e+00	-2.3998e-01	
	1.8270e+00							

Shell n. 29

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11		T22						
8.0151e-02	79	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.7518e-01	-1.3618e-01	-2.8248e-01
		2	1.2872e+00					
9.2266e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.0200e-01	-2.0244e-01	-2.7542e-01	
		3	1.3691e+00					
9.8987e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.5893e-02	1.0399e-01	1.5828e-01	
		4	2.0277e+00					
2.4319e+00	44	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2144e-01	-1.7153e+00	3.7665e-01
		2	1.2872e+00					
3.0957e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.2446e-01	-2.0438e+00	3.9179e-01	-
		3	1.3691e+00					
2.4210e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.6144e-01	-1.9279e+00	1.1737e+00	-
		4	2.0277e+00					
1.7975e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2793e-01	-1.3812e+00	6.5436e-01	-
		80	1.8318e+00					
8.0151e-02	80	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.1853e-01	-1.0623e+00	-1.8174e-01
		2	3.7992e+00					
9.2266e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.1485e+00	-1.1786e+00	-1.5432e-01	
		3	4.5571e+00					
9.8987e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.3284e-01	-1.2351e+00	3.6189e-01	
		4	4.5477e+00					
6.4819e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.1103e-01	-9.3529e-01	-1.7205e-01	
		27	3.6941e+00					
2.4319e+00	27	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.3491e+00	-2.6649e+00	4.7739e-01
		2	3.7992e+00					
3.0957e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.6567e+00	-3.0442e+00	5.1289e-01	-
		3	4.5571e+00					
2.4210e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4670e+00	-3.3162e+00	1.3774e+00	-
		4	4.5477e+00					
1.7975e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0635e+00	-2.2655e+00	7.5821e-01	-
		27	3.6941e+00					

Shell n. 30

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11		T22						
3.5655e-01	80	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.1399e-01	-1.0445e+00	4.5305e-01
		2	3.7949e+00					
4.6705e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.1364e+00	-1.1559e+00	4.8555e-01	-
		3	4.5519e+00					
3.2146e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.3364e-01	-1.2203e+00	1.2754e+00	-
		4	4.5441e+00					
2.3183e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.1205e-01	-9.2172e-01	7.2155e-01	-
		27	3.6896e+00					
2.1758e+00	27	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1232e+00	-2.6367e+00	-1.6573e-01
		2	3.7949e+00					
2.7479e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3765e+00	-3.0084e+00	-1.3548e-01	
		4	4.5519e+00					

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2.2046e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2060e+00	-3.2790e+00	4.5202e-01	
	4	4.5441e+00						
1.6435e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.8447e-01	-2.2434e+00	-1.5667e-01	
	81	3.6896e+00						
3.5655e-01	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3852e-01	-1.9869e-01	3.6974e-01	-
	2	1.2625e+00						
4.6705e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.1733e-01	-2.7886e-01	3.8408e-01	-
	3	1.3370e+00						
3.2146e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4237e-01	-1.2076e-01	1.2462e+00	-
	4	2.0180e+00						
2.3183e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7868e-01	-6.6510e-02	6.3461e-01	-
	47	1.8144e+00						
2.1758e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6073e-01	-1.7700e+00	-2.4904e-01	
	2	1.2625e+00						
2.7479e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.6885e-01	-2.1100e+00	-2.3694e-01	
	3	1.3370e+00						
2.2046e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.1928e-01	-2.1669e+00	4.2283e-01	
	4	2.0180e+00						
1.6435e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.6451e-01	-1.4306e+00	-2.2569e-01	
	1	1.8144e+00						

Shell n. 31

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11		T22						
	81	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.0165e-01	-2.1137e-01	-2.4950e-01
1.9463e-01		2	1.2677e+00					
	2	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7138e-01	-2.9474e-01	-2.3774e-01
2.4338e-01		3	1.3434e+00					
	3	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.1989e-01	-2.1058e-01	1.3595e-01
2.0397e-01		4	2.0221e+00					
	4	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.5610e-01	-8.2658e-02	-2.2968e-01
1.4648e-01		47	1.8192e+00					
	1	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.7719e-01	-1.7732e+00	3.7628e-01
2.3002e+00		2	1.2677e+00					
	2	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.0990e-01	-2.1131e+00	3.9080e-01
2.9213e+00		3	1.3434e+00					
	3	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.9577e-01	-2.2279e+00	1.5445e+00
2.3011e+00		4	2.0221e+00					
	4	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.6509e-01	-1.4348e+00	6.5705e-01
1.7041e+00		82	1.8192e+00					
	1	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.6769e-01	-1.0825e+00	-2.0448e-01
1.9463e-01		2	3.7626e+00					
	2	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2158e+00	-1.2045e+00	-1.8242e-01
2.4338e-01		3	4.5082e+00					
	3	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3030e+00	-2.0010e+00	8.5850e-02
2.0397e-01		4	4.5272e+00					
	4	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.5199e-01	-9.6040e-01	-1.9637e-01
1.4648e-01		28	3.6707e+00					
	1	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.3282e+00	-2.6671e+00	4.2130e-01
2.3002e+00		2	3.7626e+00					
	2	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.6406e+00	-3.0464e+00	4.4612e-01
2.9213e+00		3	4.5082e+00					
	3	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6245e+00	-4.0805e+00	1.4944e+00
2.3011e+00		4	4.5272e+00					
	4	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0446e+00	-2.2778e+00	6.9369e-01
1.7041e+00		28	3.6707e+00					

Shell n. 32

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11		T22						
	82	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.5934e-01	-1.0714e+00	4.1198e-01
2.8114e-01		2	3.7602e+00					
	2	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2024e+00	-1.1903e+00	4.3670e-01
3.6652e-01		3	4.5052e+00					
	3	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3022e+00	-1.9944e+00	1.4143e+00
2.4157e-01		4	4.5258e+00					
	4	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.4792e-01	-9.5215e-01	6.7544e-01
1.8027e-01		28	3.6684e+00					
	1	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1959e+00	-2.6500e+00	-2.0330e-01
2.2246e+00		2	3.7602e+00					

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2.8126e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.4739e+00	-3.0246e+00	-1.8130e-01	
	4.5052e+00							
2.2610e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4715e+00	-4.0564e+00	1.4906e-01	
	4.5258e+00							
1.6776e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4112e-01	-2.2645e+00	-1.9429e-01	
	3.6684e+00							
83	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4515e-01	-2.2191e-01	3.5355e-01	-
2.8114e-01	1.2544e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.3186e-01	-3.0639e-01	3.6417e-01	-
3.6652e-01	1.3261e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.6085e-01	-3.6352e-01	1.2228e+00	-
2.4157e-01	2.0233e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.8625e-01	-1.0313e-01	6.0993e-01	-
1.8027e-01	1.8106e+00							
50	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.9442e-01	-1.7800e+00	-2.6172e-01	-
2.2246e+00	1.2544e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1438e-01	-2.1197e+00	-2.5383e-01	-
2.8126e+00	1.3261e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.4970e-01	-2.3981e+00	-4.2404e-02	-
2.2610e+00	2.0233e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.9291e-01	-1.4438e+00	-2.4448e-01	-
1.6776e+00	1.8106e+00							

Shell n. 33

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
83	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2805e-01	-2.2915e-01	-2.6029e-01	
2.3892e-01	1.2572e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.0968e-01	-3.1540e-01	-2.5210e-01	
3.0303e-01	1.3296e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.4378e-01	-4.0037e-01	-8.5746e-02	
2.4024e-01	2.0287e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7673e-01	-1.1289e-01	-2.4509e-01	
1.7631e-01	1.8132e+00							
50	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.6826e-01	-1.7841e+00	3.5806e-01	-
2.2541e+00	1.2572e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.0581e-01	-2.1246e+00	3.6819e-01	-
2.8590e+00	1.3296e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0701e+00	-2.4219e+00	1.2793e+00	-
2.2568e+00	2.0287e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.5545e-01	-1.4478e+00	6.2579e-01	-
1.6713e+00	1.8132e+00							
84	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.6556e-01	-1.0860e+00	-2.4331e-01	-
2.3892e-01	3.7502e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2156e+00	-1.2080e+00	-2.3028e-01	-
3.0303e-01	4.4916e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3990e+00	-2.1362e+00	-1.7519e-01	-
2.4024e-01	4.5257e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.5225e-01	-9.6854e-01	-2.3604e-01	-
1.7631e-01	3.6636e+00							
29	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2913e+00	-2.6632e+00	3.7503e-01	-
2.2541e+00	3.7502e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.5987e+00	-3.0401e+00	3.9001e-01	-
2.8590e+00	4.4916e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6763e+00	-4.2146e+00	1.1899e+00	-
2.2568e+00	4.5257e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0151e+00	-2.2807e+00	6.2814e-01	-
1.6713e+00	3.6636e+00							

Shell n. 34

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
84	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.5927e-01	-1.0793e+00	3.6916e-01	-
2.5552e-01	3.7488e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2065e+00	-1.1994e+00	3.8425e-01	-
3.3102e-01	4.4899e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4114e+00	-2.1327e+00	1.1662e+00	-
2.2235e-01	4.5243e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.4849e-01	-9.6363e-01	6.1639e-01	-
1.6692e-01	3.6624e+00							

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29	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2185e+00	-2.6540e+00	-2.4553e-01	
2.2406e+00	3.7488e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.5061e+00	-3.0283e+00	-2.3277e-01	
2.8352e+00	4.4899e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.5799e+00	-4.2012e+00	-1.6903e-01	
2.2698e+00	4.5243e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.5870e-01	-2.2736e+00	-2.3767e-01	
1.6847e+00	3.6624e+00							
	85	1	0.0000e+00	0.0000e+00	-3.3192e-01	-2.2806e-01	3.3045e-01	-
2.5552e-01	1.2527e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.1764e-01	-3.1315e-01	3.3617e-01	-
3.3102e-01	1.3237e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.5703e-01	-4.2029e-01	9.7722e-01	-
2.2235e-01	2.0322e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7775e-01	-1.1748e-01	5.6590e-01	-
1.6692e-01	1.8108e+00							
	53	1	0.0000e+00	0.0000e+00	-6.0419e-01	-1.7820e+00	-2.8424e-01	-
2.2406e+00	1.2527e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.2857e-01	-2.1208e+00	-2.8085e-01	-
2.8352e+00	1.3237e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.5353e-01	-2.4530e+00	-3.5799e-01	-
2.2698e+00	2.0322e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0197e-01	-1.4479e+00	-2.7304e-01	-
1.6847e+00	1.8108e+00							

Shell n. 35

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
	85	1	0.0000e+00	0.0000e+00	-3.2453e-01	-2.3097e-01	-2.8230e-01	-
2.5070e-01	1.2538e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.0782e-01	-3.1674e-01	-2.7885e-01	-
3.2045e-01	1.3252e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.9581e-01	-4.3715e-01	-3.7501e-01	-
2.4060e-01	2.0346e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7373e-01	-1.2175e-01	-2.7186e-01	-
1.8337e-01	1.8119e+00							
	53	1	0.0000e+00	0.0000e+00	-6.4045e-01	-1.7848e+00	3.3441e-01	-
2.2446e+00	1.2538e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.7396e-01	-2.1243e+00	3.3987e-01	-
2.8444e+00	1.3252e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0596e+00	-2.4651e+00	1.0078e+00	-
2.2556e+00	2.0346e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.3232e-01	-1.4504e+00	5.7650e-01	-
1.6659e+00	1.8119e+00							
	86	1	0.0000e+00	0.0000e+00	-9.5512e-01	-1.0847e+00	-2.8513e-01	-
2.5070e-01	3.7491e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2035e+00	-1.2057e+00	-2.8148e-01	-
3.2045e-01	4.4901e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4476e+00	-2.1972e+00	-5.1466e-01	-
2.4060e-01	4.5308e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.4504e-01	-9.6998e-01	-2.7921e-01	-
1.8337e-01	3.6638e+00							
	30	1	0.0000e+00	0.0000e+00	-1.2571e+00	-2.6604e+00	3.3159e-01	-
2.2446e+00	3.7491e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.5571e+00	-3.0357e+00	3.3724e-01	-
2.8444e+00	4.4901e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6683e+00	-4.2760e+00	8.6819e-01	-
2.2556e+00	4.5308e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.8835e-01	-2.2811e+00	5.5719e-01	-
1.6659e+00	3.6638e+00							

Shell n. 36

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
	86	1	0.0000e+00	0.0000e+00	-9.5292e-01	-1.0825e+00	3.2697e-01	-
2.5131e-01	3.7487e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2004e+00	-1.2028e+00	3.3259e-01	-
3.2339e-01	4.4895e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4503e+00	-2.1959e+00	8.5503e-01	-
2.2900e-01	4.5304e+00							

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1.7033e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.4367e-01	-9.6834e-01	5.4904e-01	-
	30	3.6635e+00						
2.2445e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2336e+00	-2.6574e+00	-2.8859e-01	
	2	3.7487e+00						
2.8422e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.5271e+00	-3.0319e+00	-2.8508e-01	
	3	4.4895e+00						
2.2650e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6367e+00	-4.2716e+00	-5.1942e-01	
	4	4.5304e+00						
1.6816e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.7025e-01	-2.2788e+00	-2.8244e-01	
	87	3.6635e+00						
2.5131e-01	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2281e-01	-2.2993e-01	3.0631e-01	-
	2	1.2529e+00						
3.2339e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.0664e-01	-3.1516e-01	3.0741e-01	-
	3	1.3239e+00						
2.2900e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.9556e-01	-4.4103e-01	6.8379e-01	-
	4	2.0364e+00						
1.7033e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7175e-01	-1.2246e-01	5.1314e-01	-
	56	1.8115e+00						
2.2445e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.1698e-01	-1.7836e+00	-3.0926e-01	
	2	1.2529e+00						
2.8422e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.4530e-01	-2.1224e+00	-3.1026e-01	
	3	1.3239e+00						
2.2650e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0179e+00	-2.4730e+00	-6.9066e-01	
	4	2.0364e+00						
1.6816e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.1298e-01	-1.4499e+00	-3.0393e-01	
	87	1.8115e+00						

Shell n. 37

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
87	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2281e-01	-2.2993e-01	-3.0631e-01
2.5131e-01	2	1.2529e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.0664e-01	-3.1516e-01	-3.0741e-01
3.2339e-01	3	1.3239e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.9556e-01	-4.4103e-01	-6.8379e-01
2.2900e-01	4	2.0364e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7175e-01	-1.2246e-01	-3.0094e-01
1.8205e-01	56	1.8115e+00					
	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.1698e-01	-1.7836e+00	3.0926e-01
2.2445e+00	2	1.2529e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.4530e-01	-2.1224e+00	3.1026e-01
2.8422e+00	3	1.3239e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0179e+00	-2.4730e+00	6.9066e-01
2.2650e+00	4	2.0364e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.1298e-01	-1.4499e+00	5.1844e-01
1.6675e+00	88	1.8115e+00					
	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.5292e-01	-1.0825e+00	-3.2697e-01
2.5131e-01	2	3.7487e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2004e+00	-1.2028e+00	-3.3259e-01
3.2339e-01	3	4.4895e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4503e+00	-2.1959e+00	-8.5503e-01
2.2900e-01	4	4.5304e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.4367e-01	-9.6834e-01	-3.2241e-01
1.8205e-01	31	3.6635e+00					
	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2336e+00	-2.6574e+00	2.8859e-01
2.2445e+00	2	3.7487e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.5271e+00	-3.0319e+00	2.8508e-01
2.8422e+00	3	4.4895e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6367e+00	-4.2716e+00	5.1942e-01
2.2650e+00	4	4.5304e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.7024e-01	-2.2788e+00	4.8257e-01
1.6675e+00	88	3.6635e+00					

Shell n. 38

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
88	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.5512e-01	-1.0847e+00	2.8513e-01
2.5070e-01	2	3.7491e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2035e+00	-1.2057e+00	2.8148e-01
3.2045e-01	3	4.4901e+00					

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2.4060e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4476e+00	-2.1972e+00	5.1466e-01	-
	4	4.5308e+00						
1.7664e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.4505e-01	-9.6998e-01	4.7760e-01	-
	31	3.6638e+00						
2.2446e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2571e+00	-2.6604e+00	-3.3159e-01	-
	2	3.7491e+00						
2.8444e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.5571e+00	-3.0357e+00	-3.3724e-01	-
	4	4.4901e+00						
2.2556e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6683e+00	-4.2760e+00	-8.6819e-01	-
	4	4.5308e+00						
1.6753e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.8836e-01	-2.2811e+00	-3.2701e-01	-
	31	3.6638e+00						
2.5070e-01	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2453e-01	-2.3097e-01	2.8230e-01	-
	2	1.2538e+00						
3.2045e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.0782e-01	-3.1674e-01	2.7885e-01	-
	3	1.3252e+00						
2.4060e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.9581e-01	-4.3715e-01	3.7501e-01	-
	4	2.0346e+00						
1.7664e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7373e-01	-1.2174e-01	4.5835e-01	-
	59	1.8119e+00						
2.2446e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.4045e-01	-1.7848e+00	-3.3441e-01	-
	2	1.2538e+00						
2.8444e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.7396e-01	-2.1243e+00	-3.3987e-01	-
	3	1.3252e+00						
2.2556e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0596e+00	-2.4651e+00	-1.0078e+00	-
	4	2.0346e+00						
1.6753e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.3233e-01	-1.4504e+00	-3.3430e-01	-
	1.8119e+00							

Shell n. 39

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
89	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3192e-01	-2.2806e-01	-3.3045e-01	-
2.5552e-01	1	1.2527e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.1764e-01	-3.1315e-01	-3.3617e-01	-
3.3102e-01	1	1.3237e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.5703e-01	-4.2029e-01	-9.7722e-01	-
2.2235e-01	2	2.0322e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7776e-01	-1.1747e-01	-3.2955e-01	-
1.8345e-01	1	1.8108e+00						
	59	0.0000e+00	0.0000e+00	0.0000e+00	-6.0419e-01	-1.7820e+00	2.8424e-01	-
2.2406e+00	1	1.2527e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.2857e-01	-2.1208e+00	2.8085e-01	-
2.8352e+00	1	1.3237e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.5353e-01	-2.4530e+00	3.5799e-01	-
2.2698e+00	2	2.0322e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0197e-01	-1.4479e+00	4.5836e-01	-
1.6661e+00	1	1.8108e+00						
	90	0.0000e+00	0.0000e+00	0.0000e+00	-9.5927e-01	-1.0793e+00	-3.6916e-01	-
2.5552e-01	1	3.7488e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2065e+00	-1.1994e+00	-3.8425e-01	-
3.3102e-01	1	4.4899e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4114e+00	-2.1327e+00	-1.1662e+00	-
2.2235e-01	1	4.5243e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.4850e-01	-9.6364e-01	-3.6483e-01	-
1.8345e-01	1	3.6624e+00						
	32	0.0000e+00	0.0000e+00	0.0000e+00	-1.2185e+00	-2.6540e+00	2.4553e-01	-
2.2406e+00	1	3.7488e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.5061e+00	-3.0283e+00	2.3277e-01	-
2.8352e+00	1	4.4899e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.5799e+00	-4.2012e+00	1.6903e-01	-
2.2698e+00	1	4.5243e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.5871e-01	-2.2736e+00	4.0797e-01	-
1.6661e+00	1	3.6624e+00						

Shell n. 40

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
90	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.6556e-01	-1.0860e+00	2.4331e-01	-
2.3892e-01	1	3.7502e+00						

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3.0303e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2156e+00	-1.2080e+00	2.3028e-01	-
	4	4.4916e+00						
2.4024e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3990e+00	-2.1362e+00	1.7519e-01	-
	4	4.5257e+00						
1.7423e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.5225e-01	-9.6855e-01	4.0662e-01	-
	3	3.6636e+00						
2.2541e+00	32	1	0.0000e+00	0.0000e+00	-1.2913e+00	-2.6632e+00	-3.7503e-01	-
	3	3.7502e+00						
2.8590e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.5987e+00	-3.0401e+00	-3.9001e-01	-
	4	4.4916e+00						
2.2568e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6763e+00	-4.2146e+00	-1.1899e+00	-
	4	4.5257e+00						
1.6762e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0151e+00	-2.2808e+00	-3.7101e-01	-
	3	3.6636e+00						
2.3892e-01	91	1	0.0000e+00	0.0000e+00	-3.2805e-01	-2.2915e-01	2.6029e-01	-
	1	1.2572e+00						
3.0303e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.0968e-01	-3.1540e-01	2.5210e-01	-
	3	1.3296e+00						
2.4024e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.4378e-01	-4.0037e-01	8.5746e-02	-
	4	2.0287e+00						
1.7423e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7673e-01	-1.1289e-01	4.0908e-01	-
	1	1.8132e+00						
2.2541e+00	62	1	0.0000e+00	0.0000e+00	-6.6826e-01	-1.7841e+00	-3.5806e-01	-
	1	1.2572e+00						
2.8590e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.0581e-01	-2.1246e+00	-3.6819e-01	-
	3	1.3296e+00						
2.2568e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0701e+00	-2.4219e+00	-1.2793e+00	-
	4	2.0287e+00						
1.6762e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.5545e-01	-1.4478e+00	-3.6185e-01	-
	1	1.8132e+00						

Shell n. 41

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
91	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4515e-01	-2.2191e-01	-3.5355e-01
2.8114e-01		1.2544e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.3186e-01	-3.0639e-01	-3.6417e-01
3.6652e-01		1.3261e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.6085e-01	-3.6352e-01	-1.2228e+00
2.4157e-01		2.0233e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.8624e-01	-1.0313e-01	-3.5536e-01
2.0095e-01		1.8106e+00					
	62	1	0.0000e+00	0.0000e+00	-5.9442e-01	-1.7800e+00	2.6172e-01
2.2246e+00		1.2544e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1438e-01	-2.1197e+00	2.5383e-01
2.8126e+00		1.3261e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.4970e-01	-2.3981e+00	4.2404e-02
2.2610e+00		2.0233e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.9290e-01	-1.4438e+00	4.0389e-01
1.6555e+00		1.8106e+00					
	92	1	0.0000e+00	0.0000e+00	-9.5934e-01	-1.0714e+00	-4.1198e-01
2.8114e-01		3.7602e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2024e+00	-1.1903e+00	-4.3670e-01
3.6652e-01		4.5052e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3022e+00	-1.9944e+00	-1.4143e+00
2.4157e-01		4.5258e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.4792e-01	-9.5215e-01	-4.0544e-01
2.0095e-01		3.6684e+00					
	33	1	0.0000e+00	0.0000e+00	-1.1959e+00	-2.6500e+00	2.0330e-01
2.2246e+00		3.7602e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.4739e+00	-3.0246e+00	1.8130e-01
2.8126e+00		4.5052e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4715e+00	-4.0564e+00	-1.4906e-01
2.2610e+00		4.5258e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-9.4111e-01	-2.2645e+00	3.3850e-01
1.6555e+00		3.6684e+00					

Shell n. 42

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						

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92	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.6769e-01	-1.0825e+00	2.0448e-01	-
1.9463e-01		3.7626e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2158e+00	-1.2045e+00	1.8242e-01	-
2.4338e-01		4.5082e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3030e+00	-2.0010e+00	-8.5850e-02	-
2.0397e-01		4.5272e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.5200e-01	-9.6040e-01	3.4368e-01	-
1.4482e-01		3.6707e+00						
	33	1	0.0000e+00	0.0000e+00	-1.3282e+00	-2.6671e+00	-4.2130e-01	-
2.3002e+00		3.7626e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.6406e+00	-3.0464e+00	-4.4612e-01	-
2.9213e+00		4.5082e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6245e+00	-4.0805e+00	-1.4944e+00	-
2.3011e+00		4.5272e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0446e+00	-2.2778e+00	-4.1530e-01	-
1.7050e+00		3.6707e+00						
	93	1	0.0000e+00	0.0000e+00	-3.0165e-01	-2.1137e-01	2.4950e-01	-
1.9463e-01		1.2677e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7138e-01	-2.9474e-01	2.3774e-01	-
2.4338e-01		1.3434e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.1989e-01	-2.1058e-01	-1.3595e-01	-
2.0397e-01		2.0221e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.5610e-01	-8.2659e-02	3.8039e-01	-
1.4482e-01		1.8192e+00						
	65	1	0.0000e+00	0.0000e+00	-6.7719e-01	-1.7732e+00	-3.7628e-01	-
2.3002e+00		1.2677e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.0990e-01	-2.1131e+00	-3.9080e-01	-
2.9213e+00		1.3434e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.9577e-01	-2.2279e+00	-1.5445e+00	-
2.3011e+00		2.0221e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.6510e-01	-1.4348e+00	-3.8191e-01	-
1.7050e+00		1.8192e+00						

Shell n. 43

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
93	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3852e-01	-1.9869e-01	-3.6974e-01
3.5655e-01		1.2625e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.1733e-01	-2.7886e-01	-3.8408e-01
4.6705e-01		1.3370e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4237e-01	-1.2076e-01	-1.2462e+00
3.2146e-01		2.0180e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7867e-01	-6.6512e-02	-3.7203e-01
2.5573e-01		1.8144e+00					
	65	1	0.0000e+00	0.0000e+00	-5.6073e-01	-1.7700e+00	2.4904e-01
2.1758e+00		1.2625e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.6885e-01	-2.1100e+00	2.3694e-01
2.7479e+00		1.3370e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.1928e-01	-2.1669e+00	-4.2283e-01
2.2046e+00		2.0180e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.6450e-01	-1.4306e+00	3.6879e-01
1.6199e+00		1.8144e+00					
	94	1	0.0000e+00	0.0000e+00	-9.1399e-01	-1.0445e+00	-4.5305e-01
3.5655e-01		3.7949e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.1364e+00	-1.1559e+00	-4.8555e-01
4.6705e-01		4.5519e+00					
	34	1	0.0000e+00	0.0000e+00	-1.1232e+00	-2.6367e+00	1.6573e-01
2.1758e+00		3.7949e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3765e+00	-3.0084e+00	1.3548e-01
2.7479e+00		4.5519e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.8447e-01	-2.2434e+00	2.8190e-01
1.6199e+00		3.6896e+00					

Shell n. 44

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
94	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.1853e-01	-1.0623e+00	1.8174e-01
8.0151e-02		3.7992e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.1485e+00	-1.1786e+00	1.5432e-01
9.2266e-02		4.5571e+00					

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6.0844e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.1102e-01	-9.3527e-01	3.0539e-01	-
	34	3.6941e+00						
2.4319e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.3491e+00	-2.6649e+00	-4.7739e-01	
	2	3.7992e+00						
3.0957e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.6567e+00	-3.0442e+00	-5.1289e-01	
	95	4.5571e+00						
8.0151e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.7518e-01	-1.3618e-01	2.8248e-01	-
	2	1.2872e+00						
9.2266e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.0200e-01	-2.0244e-01	2.7542e-01	-
	3	1.3691e+00						
9.8987e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.5893e-02	1.0399e-01	-1.5828e-01	-
	4	2.0277e+00						
6.0844e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5847e-01	7.5589e-03	4.0919e-01	-
	68	1.8318e+00						
2.4319e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2144e-01	-1.7153e+00	-3.7665e-01	
	2	1.2872e+00						
3.0957e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.2446e-01	-2.0438e+00	-3.9179e-01	
	3	1.3691e+00						
2.4210e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.6144e-01	-1.9279e+00	-1.1737e+00	
	4	2.0277e+00						
1.8004e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2793e-01	-1.3811e+00	-3.8279e-01	
	1.8318e+00							

Shell n. 45

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
95	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.7310e-01	-1.4207e-01	-3.5980e-01
4.8422e-01	2	1.2837e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.2156e-01	-2.1139e-01	-3.6991e-01
6.3580e-01	3	1.3652e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.7906e-02	1.3493e-01	-1.0716e+00
4.5294e-01	4	2.0209e+00					
	68	1.2837e+00					
1.9398e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3584e-01	-1.6918e+00	2.7221e-01
	2	1.2837e+00					
2.4383e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.0619e-01	-2.0151e+00	2.6000e-01
	3	1.3652e+00					
1.9689e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.8651e-01	-1.8783e+00	-2.5045e-01
	4	2.0209e+00					
1.4450e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.6565e-01	-1.3609e+00	3.8723e-01
	96	1.8270e+00					
4.8422e-01	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.3593e-01	-9.8013e-01	-4.9014e-01
	2	3.7077e+00					
6.3580e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.9223e-01	-1.0682e+00	-5.2376e-01
	3	4.4393e+00					
4.5294e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.3667e-01	-9.3690e-01	-1.1379e+00
	4	4.4428e+00					
3.4971e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.7647e-01	-8.5773e-01	-4.6894e-01
	35	3.6192e+00					
1.9398e+00	1	0.0000e+00	0.0000e+00	0.0000e+00	-8.8353e-01	-2.5526e+00	1.4187e-01
	2	3.7077e+00					
2.4383e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.0630e+00	-2.8953e+00	1.0614e-01
	3	4.4393e+00					
1.9689e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.5602e-01	-2.9669e+00	-3.1672e-01
	4	4.4428e+00					
1.4450e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.0075e-01	-2.1640e+00	2.5238e-01
	35	3.6192e+00					

Shell n. 46

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
96	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.4236e-01	-1.0186e+00	1.9809e-01
9.5074e-02	2	3.7173e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-9.1208e-01	-1.1165e+00	1.7331e-01
1.3797e-01	3	4.4507e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.5275e-01	-9.8019e-01	-2.1165e-01
7.7177e-02	4	4.4529e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.7563e-01	-8.8773e-01	3.2171e-01
6.8581e-02	1	3.6290e+00					
	35	0.0000e+00	0.0000e+00	0.0000e+00	-1.2889e+00	-2.5965e+00	-5.5523e-01
2.5238e+00	2	3.7173e+00					

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3.2179e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.5575e+00	-2.9499e+00	-5.9999e-01
	4	4.4507e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3447e+00	-3.0245e+00	-1.2542e+00
2.5134e+00	4	4.4529e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0267e+00	-2.1990e+00	-5.2715e-01
1.8675e+00	3	3.6290e+00					
	97	1	0.0000e+00	0.0000e+00	0.0000e+00	8.5212e-02	3.6754e-02
9.5074e-02	1	1.2885e+00					4.0016e-01
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.4530e-01	8.4625e-03	4.1478e-01
1.3797e-01	1	1.3708e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.7464e-01	4.1188e-01	1.2597e-01
7.7177e-02	2	2.0166e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	3.8837e-02	2.0664e-01	5.4028e-01
6.8581e-02	1	1.8312e+00					
	71	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.7830e-01	-1.5166e+00
2.5238e+00	1	1.2885e+00					-3.5315e-01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.1574e-01	-1.7997e+00	-3.5852e-01
3.2179e+00	1	1.3708e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.5159e-01	-1.5906e+00	-9.1660e-01
2.5134e+00	2	2.0166e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.3012e-01	-1.2121e+00	-3.6006e-01
1.8675e+00	1	1.8312e+00					

Shell n. 47

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
	97	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.2792e-01	-8.3528e-02
4.3555e-01	1	1.3085e+00					-3.4764e-01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2852e-01	-1.5422e-01	-3.3926e-01
5.6948e-01	1	1.3985e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.2969e-01	3.1597e-01	-7.9435e-01
4.1784e-01	2	2.0337e+00					
	71	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5390e-01	-1.3741e+00
1.1156e+00	1	1.3085e+00					4.0232e-01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3768e-01	-1.6161e+00	4.0316e-01
1.3509e+00	1	1.3985e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0049e-01	-1.4334e+00	1.4045e-02
1.1478e+00	2	2.0337e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5241e-01	-1.1028e+00	5.4806e-01
8.3845e-01	1	1.8420e+00					
	98	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.5129e-01	-1.0130e+00
4.3555e-01	2	2.8596e+00					-5.5169e-01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8349e-01	-1.0805e+00	-5.8580e-01
5.6948e-01	3	3.3190e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0856e-01	-6.8745e-01	-9.0384e-01
4.1784e-01	4	3.5994e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.8335e-01	-8.7024e-01	-5.0838e-01
3.1596e-01	1	3.0127e+00					
	36	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.5590e-01	-2.3297e+00
1.1156e+00	2	2.8596e+00					1.9827e-01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7154e-01	-2.5695e+00	1.5662e-01
1.3509e+00	3	3.3190e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1886e-01	-2.4616e+00	-9.5450e-02
1.1478e+00	4	3.5994e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0584e-01	-1.9888e+00	3.6362e-01
8.3845e-01	1	3.0127e+00					

Shell n. 48

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
	98	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.0964e-01	-1.1167e+00
6.4176e-02	2	2.8679e+00					3.5417e-01
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.6622e-01	-1.2002e+00	3.2360e-01
7.6938e-02	3	3.3301e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.5357e-01	-8.2611e-01	1.5363e-01
6.8514e-02	4	3.6070e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.1244e-01	-9.5848e-01	5.8718e-01
3.7832e-02	1	3.0175e+00					
	36	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0108e+00	-2.4287e+00
1.5105e+00	2	2.8679e+00					-7.1664e-01

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1.8737e+00	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.1590e+00	-2.6838e+00	-7.6199e-01	
	3	3.3301e+00	0.0000e+00	0.0000e+00	-1.1341e+00	-2.5950e+00	-1.1623e+00	
1.5265e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.3884e-01	-2.0730e+00	-6.6031e-01	
1.1526e+00	99	3.0175e+00	0.0000e+00	0.0000e+00	-2.4917e-01	2.4823e-01	3.9545e-01	-
6.4176e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9667e-01	2.0423e-01	4.1220e-01	-
	2	1.2932e+00	0.0000e+00	0.0000e+00	-1.9667e-01	2.0423e-01	4.1220e-01	-
7.6938e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.8854e-01	8.3279e-01	2.6925e-01	-
	4	1.3794e+00	0.0000e+00	0.0000e+00	-1.8854e-01	8.3279e-01	2.6925e-01	-
6.8514e-02	74	2.0120e+00	0.0000e+00	0.0000e+00	-2.6609e-01	6.0355e-01	5.3118e-01	-
3.7832e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6659e-01	-1.0426e+00	-6.7535e-01	-
	2	1.8270e+00	0.0000e+00	0.0000e+00	-6.0459e-01	-1.2581e+00	-6.7339e-01	-
1.5105e+00	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.8712e-01	-9.1308e-01	-1.0467e+00	-
1.8737e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0838e-01	-7.9917e-01	-6.4881e-01	-
1.5265e+00	74	1.2932e+00	0.0000e+00	0.0000e+00	-5.0838e-01	-7.9917e-01	-6.4881e-01	-
1.1526e+00	99	1.8270e+00	0.0000e+00	0.0000e+00	-5.0838e-01	-7.9917e-01	-6.4881e-01	-

Shell n. 49

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
100	1	0.0000e+00	0.0000e+00	0.0000e+00	1.2918e-01	-2.8645e-01	-3.3283e-03	-
1.0225e-01	2	9.2381e-01	0.0000e+00	0.0000e+00	1.4556e-01	-2.8392e-01	7.2132e-03	-
1.3445e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	3.2577e-01	-9.9479e-02	1.1904e-01	-
9.6097e-02	4	1.0472e+00	0.0000e+00	0.0000e+00	1.8350e-01	-2.5617e-01	-2.9595e-03	-
6.9936e-02	75	1.2345e+00	0.0000e+00	0.0000e+00	1.8350e-01	-2.5617e-01	-2.9595e-03	-
5.9694e-02	1	1.0695e+00	0.0000e+00	0.0000e+00	-4.7878e-01	-8.1536e-01	-5.8291e-01	-
	2	9.2381e-01	0.0000e+00	0.0000e+00	-4.7579e-01	-8.7966e-01	-5.7608e-01	-
6.0782e-02	3	1.0472e+00	0.0000e+00	0.0000e+00	-5.0740e-01	-8.2093e-01	-4.9717e-01	-
7.1407e-02	4	1.2345e+00	0.0000e+00	0.0000e+00	-4.4590e-01	-7.0817e-01	-5.3929e-01	-
6.9693e-02	101	1.0695e+00	0.0000e+00	0.0000e+00	-4.4590e-01	-7.0817e-01	-5.3929e-01	-
1.0225e-01	2	7.6186e-01	0.0000e+00	0.0000e+00	1.1732e-01	4.0481e-01	4.1675e-01	-
1.3445e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	1.2399e-01	4.0977e-01	4.2737e-01	-
9.6097e-02	4	8.5193e-01	0.0000e+00	0.0000e+00	3.1941e-01	6.3693e-01	6.9466e-01	-
6.9936e-02	76	1.0670e+00	0.0000e+00	0.0000e+00	1.8556e-01	6.3371e-01	6.4605e-01	-
5.9694e-02	1	9.2991e-01	0.0000e+00	0.0000e+00	-4.9354e-01	-1.2069e-01	-1.6283e-01	-
	2	7.6186e-01	0.0000e+00	0.0000e+00	-5.0031e-01	-1.8241e-01	-1.5592e-01	-
6.0782e-02	3	8.5193e-01	0.0000e+00	0.0000e+00	-5.1649e-01	-8.1265e-02	7.8443e-02	-
7.1407e-02	4	1.0670e+00	0.0000e+00	0.0000e+00	-4.5464e-01	1.0732e-02	-1.4137e-01	-
6.9693e-02	101	9.2991e-01	0.0000e+00	0.0000e+00	-4.5464e-01	1.0732e-02	-1.4137e-01	-

Shell n. 50

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
101	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0801e-01	4.2668e-01	-2.2065e-01	-
1.6163e-01	2	7.4470e-01	0.0000e+00	0.0000e+00	-7.9797e-02	4.3998e-01	-2.1534e-01	-
2.2136e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	2.1146e-01	6.8724e-01	-5.1767e-02	-
1.4402e-01	4	8.3373e-01	0.0000e+00	0.0000e+00	-1.0482e-01	6.4999e-01	-1.9952e-01	-
9.7656e-02	101	1.0486e+00	0.0000e+00	0.0000e+00	-1.0482e-01	6.4999e-01	-1.9952e-01	-
	2	9.0597e-01	0.0000e+00	0.0000e+00	-1.0482e-01	6.4999e-01	-1.9952e-01	-

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76	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5078e-01	-1.1907e-01	4.7627e-01	-
4.2982e-01	7.4470e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3917e-01	-1.8115e-01	4.8848e-01	-
5.5278e-01	8.3373e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.2962e-02	-4.7272e-02	8.2778e-01	-
4.1944e-01	1.0486e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3668e-01	1.8673e-02	7.4752e-01	-
3.1968e-01	9.0597e-01							
	102	1	0.0000e+00	0.0000e+00	-2.9652e-01	-4.4272e-01	-2.7937e-01	-
1.6163e-01	1.0129e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.2544e-01	-4.4903e-01	-2.7277e-01	-
2.2136e-01	1.1651e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.8093e-02	-3.9600e-01	-1.5741e-02	-
1.4402e-01	1.3241e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.4398e-01	-4.0727e-01	-2.5346e-01	-
9.7656e-02	1.1328e+00							
	77	1	0.0000e+00	0.0000e+00	-3.3222e-01	-9.9638e-01	4.1754e-01	-
4.2982e-01	1.0129e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7777e-01	-1.0782e+00	4.3104e-01	-
5.5278e-01	1.1651e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.5613e-01	-1.1457e+00	8.6381e-01	-
4.1944e-01	1.3241e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.6884e-01	-8.7710e-01	6.5897e-01	-
3.1968e-01	1.1328e+00							

Shell n. 51

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
102	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.7099e-01	-4.0775e-01	4.2877e-01	-
2.8839e-01	1.0104e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.8211e-01	-4.0614e-01	4.4602e-01	-
3.8152e-01	1.1615e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.8861e-01	-3.6489e-01	8.7350e-01	-
2.6712e-01	1.3244e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3831e-01	-3.8069e-01	6.7017e-01	-
1.9845e-01	1.1325e+00							
	77	1	0.0000e+00	0.0000e+00	-2.7723e-01	-9.9525e-01	-2.9361e-01	-
1.3529e-01	1.0104e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.1087e-01	-1.0791e+00	-2.9081e-01	-
1.9942e-01	1.1615e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4672e-01	-1.1428e+00	-2.8566e-02	-
1.0587e-01	1.3244e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.3461e-01	-8.7571e-01	-2.6570e-01	-
6.0340e-02	1.1325e+00							
	103	1	0.0000e+00	0.0000e+00	-3.0037e-01	4.2943e-01	4.2275e-01	-
2.8839e-01	8.5728e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6073e-01	4.3858e-01	4.4451e-01	-
3.8152e-01	9.7940e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.1571e-02	6.9463e-01	1.0232e+00	-
2.6712e-01	1.1632e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2910e-01	6.7194e-01	6.7415e-01	-
1.9845e-01	9.9442e-01							
	78	1	0.0000e+00	0.0000e+00	-4.1287e-01	-1.5132e-01	-2.9963e-01	-
1.3529e-01	8.5728e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.9564e-01	-2.2765e-01	-2.9232e-01	-
1.9942e-01	9.7940e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6299e-01	-8.3528e-02	1.2112e-01	-
1.0587e-01	1.1632e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.3112e-01	1.1415e-02	-2.6511e-01	-
6.0340e-02	9.9442e-01							

Shell n. 52

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
103	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3409e-01	4.5053e-01	-2.7544e-01	-
1.9058e-01	8.5527e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.7938e-01	4.6679e-01	-2.6455e-01	-
2.5976e-01	9.7634e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.2784e-02	7.0067e-01	1.0372e-01	-
1.6262e-01	1.1603e+00							

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1.1649e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8724e-01	6.8285e-01	-2.4898e-01	-
	9.9351e-01							
78	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1257e-01	-1.5910e-01	4.0094e-01	-
4.4323e-01	8.5527e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.8584e-01	-2.3763e-01	4.1912e-01	-
5.7398e-01	9.7634e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6745e-01	-9.6221e-02	1.0442e+00	-
4.2702e-01	1.1603e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.3616e-01	3.2960e-03	6.6117e-01	-
3.2530e-01	9.9351e-01							
104	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3631e-01	-3.9645e-01	-2.3217e-01	-
1.9058e-01	1.1079e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.4423e-01	-4.0122e-01	-2.1385e-01	-
2.5976e-01	1.2906e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.5283e-01	-4.5334e-01	2.1842e-01	-
1.6262e-01	1.4247e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.3581e-01	-3.7677e-01	-2.1379e-01	-
1.1649e-01	1.2023e+00							
79	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.0681e-01	-1.0148e+00	4.4421e-01	-
4.4323e-01	1.1079e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.4251e-01	-1.1148e+00	4.6982e-01	-
5.7398e-01	1.2906e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.4067e-01	-1.2734e+00	1.1589e+00	-
4.2702e-01	1.4247e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.7668e-01	-8.9511e-01	7.0790e-01	-
3.2530e-01	1.2023e+00							

Shell n. 53

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
104	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2142e-01	-3.8619e-01	4.3090e-01	-
2.0599e-01	1.1061e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2024e-01	-3.8795e-01	4.5713e-01	-
2.7397e-01	1.2884e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1174e-01	-4.6716e-01	1.1510e+00	-
1.7922e-01	1.4255e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.3180e-01	-3.7053e-01	6.8868e-01	-
1.3582e-01	1.2008e+00							
79	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.2266e-01	-1.0053e+00	-2.2179e-01	-
3.5408e-02	1.1061e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.3974e-01	-1.1027e+00	-2.0416e-01	-
2.5931e-02	1.2884e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.7579e-01	-1.2784e+00	2.2261e-01	-
6.9432e-02	1.4255e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.1847e-01	-8.8887e-01	-2.0470e-01	-
6.3266e-02	1.2008e+00							
105	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.7241e-01	3.8378e-01	4.1472e-01	-
2.0599e-01	8.6470e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.9565e-01	3.8762e-01	4.4007e-01	-
2.7397e-01	9.8851e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4909e-01	6.4289e-01	1.2332e+00	-
1.7922e-01	1.1768e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.6477e-01	6.1711e-01	6.7513e-01	-
1.3582e-01	1.0017e+00							
80	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.7838e-01	-2.2986e-01	-2.3797e-01	-
3.5408e-02	8.6470e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1948e-01	-3.2188e-01	-2.2123e-01	-
2.5931e-02	9.8851e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0712e-01	-1.7362e-01	3.0476e-01	-
6.9432e-02	1.1768e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.5579e-01	-6.7757e-02	-2.1643e-01	-
6.3266e-02	1.0017e+00							

Shell n. 54

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
105	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3248e-01	3.8867e-01	-2.2659e-01	-
6.5745e-02	8.6551e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.4514e-01	3.9440e-01	-2.0782e-01	-
9.5033e-02	9.8939e-01							

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3.4703e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.6037e-01	6.1247e-01	2.3858e-01	-
	1.1740e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.4179e-01	6.1634e-01	-2.0934e-01	-
2.6580e-02	1.0025e+00							
80	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6872e-01	-2.2483e-01	4.0541e-01	-
3.0988e-01	8.6551e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.0111e-01	-3.1488e-01	4.2869e-01	-
3.9837e-01	9.8939e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.2809e-01	-1.8966e-01	1.3029e+00	-
2.9604e-01	1.1740e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.5360e-01	-6.6950e-02	6.7300e-01	-
2.2901e-01	1.0025e+00							
106	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5384e-01	-3.8904e-01	-2.1904e-01	-
6.5745e-02	1.1097e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.0346e-01	-3.9586e-01	-1.9991e-01	-
9.5033e-02	1.2927e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.7739e-01	-6.7156e-01	1.4797e-01	-
3.4703e-02	1.4354e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.3090e-01	-3.7582e-01	-2.0553e-01	-
2.6580e-02	1.2050e+00							
81	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.8232e-01	-1.0111e+00	4.1296e-01	-
3.0988e-01	1.1097e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.5142e-01	-1.1141e+00	4.3660e-01	-
3.9837e-01	1.2927e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.1796e-01	-1.5017e+00	1.2123e+00	-
2.9604e-01	1.4354e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.3480e-01	-8.9711e-01	6.7561e-01	-
2.2901e-01	1.2050e+00							

Shell n. 55

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
106	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.3949e-01	-3.8509e-01	4.0629e-01	-
1.0233e-01	1.1094e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.8192e-01	-3.9052e-01	4.3016e-01	-
1.3676e-01	1.2925e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.0626e-01	-7.2265e-01	1.2621e+00	-
7.9006e-02	1.4421e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.2508e-01	-3.7409e-01	6.6686e-01	-
6.2709e-02	1.2049e+00							
81	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.3693e-01	-1.0031e+00	-2.1522e-01	-
1.4905e-01	1.1094e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.9383e-01	-1.1036e+00	-1.9641e-01	-
1.7628e-01	1.2925e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.2589e-01	-1.5379e+00	9.3128e-02	-
1.9305e-01	1.4421e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0575e-01	-8.9188e-01	-2.0251e-01	-
1.4431e-01	1.2049e+00							
107	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.2263e-01	3.6113e-01	3.8701e-01	-
1.0233e-01	8.5803e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.6752e-01	3.6144e-01	4.0693e-01	-
1.3676e-01	9.7945e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.7270e-01	6.8922e-01	1.3075e+00	-
7.9006e-02	1.1701e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.0829e-01	5.9204e-01	6.4531e-01	-
6.2709e-02	9.9793e-01							
82	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2456e-01	-2.5157e-01	-2.3450e-01	-
1.4905e-01	8.5803e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.8351e-01	-3.4661e-01	-2.1964e-01	-
1.7628e-01	9.7945e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.8811e-01	-1.2946e-01	1.3850e-01	-
1.9305e-01	1.1701e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.9322e-01	-9.2950e-02	-2.1925e-01	-
1.4431e-01	9.9793e-01							

Shell n. 56

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
107	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0070e-01	3.6280e-01	-2.3120e-01	-
9.8132e-03	8.5875e-01							

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5.5634e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.3863e-01	3.6391e-01	-2.1561e-01	
	9.8033e-01							
3.8605e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.8823e-01	6.5718e-01	7.1584e-02	
	1.1675e+00							
2.5013e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.9658e-01	5.9001e-01	-2.1778e-01	
	9.9852e-01							
2.3489e-01	82	1	0.0000e+00	0.0000e+00	-6.1474e-01	-2.4689e-01	3.8564e-01	-
	8.5875e-01							
2.9858e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.6826e-01	-3.4026e-01	4.0477e-01	-
	9.8033e-01							
2.3586e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.1015e-01	-1.4493e-01	1.3783e+00	-
	1.1675e+00							
1.7501e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.8874e-01	-9.1344e-02	6.4946e-01	-
	9.9852e-01							
9.8132e-03	108	1	0.0000e+00	0.0000e+00	-5.7471e-01	-3.8759e-01	-2.4126e-01	-
	1.1034e+00							
5.5634e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.3397e-01	-3.9479e-01	-2.2849e-01	-
	1.2845e+00							
3.8605e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.6351e-01	-9.0944e-01	-5.7194e-02	-
	1.4419e+00							
2.5013e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.5129e-01	-3.7821e-01	-2.2979e-01	-
	1.2016e+00							
2.3489e-01	83	1	0.0000e+00	0.0000e+00	-6.8152e-01	-1.0053e+00	3.7558e-01	-
	1.1034e+00							
2.9858e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.5620e-01	-1.1073e+00	3.9190e-01	-
	1.2845e+00							
2.3586e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.5826e-01	-1.7396e+00	1.2495e+00	-
	1.4419e+00							
1.7501e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.3606e-01	-8.9647e-01	6.2839e-01	-
	1.2016e+00							

Shell n. 57

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
108	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6331e-01	-3.8546e-01	3.7203e-01	-
5.4844e-02	1.1035e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1773e-01	-3.9182e-01	3.8843e-01	-
7.2773e-02	1.2846e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0211e+00	-9.2860e-01	1.2510e+00	-
3.9963e-02	1.4441e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4538e-01	-3.7739e-01	6.2397e-01	-
3.2821e-02	1.2019e+00							
83	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.6120e-01	-1.0011e+00	-2.4054e-01	-
1.9288e-01	1.1035e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.2969e-01	-1.1017e+00	-2.2795e-01	-
2.3541e-01	1.2846e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0378e+00	-1.7478e+00	-6.4831e-02	-
2.3353e-01	1.4441e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2414e-01	-8.9374e-01	-2.2946e-01	-
1.7212e-01	1.2019e+00							
109	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.1769e-01	3.5554e-01	3.5372e-01	-
5.4844e-02	8.5578e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.6457e-01	3.5534e-01	3.6602e-01	-
7.2773e-02	9.7637e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.5952e-01	6.6127e-01	1.1297e+00	-
3.9963e-02	1.1706e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.0797e-01	5.8512e-01	5.9715e-01	-
3.2821e-02	9.9696e-01							
84	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2048e-01	-2.5441e-01	-2.5885e-01	-
1.9288e-01	8.5578e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.8111e-01	-3.4902e-01	-2.5035e-01	-
2.3541e-01	9.7637e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.7825e-01	-1.5503e-01	-1.8608e-01	-
2.3353e-01	1.1706e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.9152e-01	-9.8165e-02	-2.4740e-01	-
1.7212e-01	9.9696e-01							

Shell n. 58

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						

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109	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0687e-01	3.5654e-01	-2.5819e-01	
3.6380e-02		8.5609e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.4997e-01	3.5682e-01	-2.4957e-01	
4.2281e-02		9.7676e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0202e+00	6.4799e-01	-1.9843e-01	
5.5617e-02		1.1710e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.0236e-01	5.8392e-01	-2.4738e-01	
3.8927e-02		9.9721e-01						
84	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.1492e-01	-2.5214e-01	3.5497e-01	-
2.0946e-01		8.5609e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.7289e-01	-3.4594e-01	3.6707e-01	-
2.6337e-01		9.7676e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0042e+00	-1.5907e-01	1.1461e+00	-
2.1903e-01		1.1710e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.8878e-01	-9.7446e-02	6.0192e-01	-
1.5773e-01		9.9721e-01						
110	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6433e-01	-3.8647e-01	-2.7278e-01	-
3.6380e-02		1.1019e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.2246e-01	-3.9325e-01	-2.6744e-01	-
4.2281e-02		1.2824e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0822e+00	-9.6457e-01	-3.5702e-01	-
5.5617e-02		1.4457e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4568e-01	-3.7937e-01	-2.6384e-01	-
3.8927e-02		1.2013e+00						
85	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.6573e-01	-1.0026e+00	3.4038e-01	-
2.0946e-01		1.1019e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.3870e-01	-1.1036e+00	3.4920e-01	-
2.6337e-01		1.2824e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0443e+00	-1.7943e+00	9.8750e-01	-
2.1903e-01		1.4457e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2532e-01	-8.9649e-01	5.7282e-01	-
1.5773e-01		1.2013e+00						

Shell n. 59

Nodo	comb	S11	S22	S12	M11	M22	M12	
T11	T22							
110	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5854e-01	-3.8547e-01	3.3796e-01	-
4.1868e-02		1.1020e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1436e-01	-3.9184e-01	3.4673e-01	-
5.3733e-02		1.2825e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1036e+00	-9.7333e-01	9.8871e-01	-
3.7603e-02		1.4469e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4243e-01	-3.7899e-01	5.6973e-01	-
2.9569e-02		1.2015e+00						
85	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.5782e-01	-1.0008e+00	-2.7319e-01	-
2.0452e-01		1.1020e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.2816e-01	-1.1013e+00	-2.6788e-01	-
2.5266e-01		1.2825e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0825e+00	-1.7975e+00	-3.6465e-01	-
2.3651e-01		1.4469e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2095e-01	-8.9537e-01	-2.6444e-01	-
1.7477e-01		1.2015e+00						
111	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0494e-01	3.5507e-01	3.2113e-01	-
4.1868e-02		8.5559e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.4951e-01	3.5513e-01	3.2626e-01	-
5.3733e-02		9.7608e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0371e+00	6.5861e-01	8.3850e-01	-
3.7603e-02		1.1728e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.0000e-01	5.8374e-01	5.3983e-01	-
2.9569e-02		9.9717e-01						
86	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.0967e-01	-2.5406e-01	-2.9002e-01	-
2.0452e-01		8.5559e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.6857e-01	-3.4815e-01	-2.8835e-01	-
2.5266e-01		9.7608e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0247e+00	-1.5596e-01	-5.1486e-01	-
2.3651e-01		1.1728e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.8396e-01	-9.8896e-02	-2.8235e-01	-
1.7477e-01		9.9717e-01						

Shell n. 60

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Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
111	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0167e-01	3.5542e-01	-2.8942e-01	
4.1024e-02	8.5567e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.4505e-01	3.5564e-01	-2.8778e-01	
5.0475e-02	9.7618e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0557e+00	6.5448e-01	-5.1778e-01	
4.8857e-02	1.1730e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.9831e-01	5.8336e-01	-2.8188e-01	
3.5753e-02	9.9724e-01							
86	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.0794e-01	-2.5342e-01	3.2242e-01	-
2.0518e-01	8.5567e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.6605e-01	-3.4727e-01	3.2751e-01	-
2.5566e-01	9.7618e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0323e+00	-1.5709e-01	8.4547e-01	-
2.2616e-01	1.1730e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.8309e-01	-9.8710e-02	5.4276e-01	-
1.5628e-01	9.9724e-01							
112	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5604e-01	-3.8575e-01	-3.0521e-01	
4.1024e-02	1.1019e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1221e-01	-3.9218e-01	-3.0692e-01	
5.0475e-02	1.2823e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1189e+00	-9.8459e-01	-6.8000e-01	
4.8857e-02	1.4480e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4032e-01	-3.7956e-01	-2.9941e-01	
3.5753e-02	1.2016e+00							
87	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.5626e-01	-1.0014e+00	3.0663e-01	-
2.0518e-01	1.1019e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.2725e-01	-1.1020e+00	3.0837e-01	-
2.5566e-01	1.2823e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0800e+00	-1.8125e+00	6.8325e-01	-
2.2616e-01	1.4480e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.1899e-01	-8.9630e-01	5.1184e-01	-
1.5628e-01	1.2016e+00							
Shell n. 61								
Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
112	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5604e-01	-3.8575e-01	3.0521e-01	-
4.1024e-02	1.1019e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1221e-01	-3.9218e-01	3.0692e-01	-
5.0475e-02	1.2823e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1189e+00	-9.8459e-01	6.8000e-01	-
4.8857e-02	1.4480e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4032e-01	-3.7956e-01	5.0957e-01	-
3.1780e-02	1.2016e+00							
87	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.5626e-01	-1.0014e+00	-3.0663e-01	-
2.0518e-01	1.1019e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.2725e-01	-1.1020e+00	-3.0837e-01	-
2.5566e-01	1.2823e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0800e+00	-1.8125e+00	-6.8325e-01	-
2.2616e-01	1.4480e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.1899e-01	-8.9630e-01	-3.0078e-01	-
1.6864e-01	1.2016e+00							
113	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0167e-01	3.5542e-01	2.8942e-01	-
4.1024e-02	8.5567e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.4505e-01	3.5564e-01	2.8778e-01	-
5.0475e-02	9.7618e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0557e+00	6.5448e-01	5.1778e-01	-
4.8857e-02	1.1730e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.9831e-01	5.8336e-01	4.7867e-01	-
3.1780e-02	9.9724e-01							
88	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.0794e-01	-2.5342e-01	-3.2242e-01	-
2.0518e-01	8.5567e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.6605e-01	-3.4727e-01	-3.2751e-01	-
2.5566e-01	9.7618e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0323e+00	-1.5709e-01	-8.4547e-01	-
2.2616e-01	1.1730e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.8309e-01	-9.8709e-02	-3.1829e-01	-
1.6864e-01	9.9724e-01							

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Shell n. 62		S11	S22	S12	M11	M22	M12	
T11	Nodo comb							
	T22							
113	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0494e-01	3.5507e-01	-3.2113e-01	
4.1868e-02		8.5559e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.4951e-01	3.5513e-01	-3.2626e-01	
5.3733e-02		9.7608e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0371e+00	6.5861e-01	-8.3850e-01	
3.7603e-02		1.1728e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.0001e-01	5.8374e-01	-3.1686e-01	
3.0622e-02		9.9717e-01						
88	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.0967e-01	-2.5406e-01	2.9002e-01	-
2.0452e-01		8.5559e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.6857e-01	-3.4815e-01	2.8835e-01	-
2.5266e-01		9.7608e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0247e+00	-1.5596e-01	5.1486e-01	-
2.3651e-01		1.1728e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.8396e-01	-9.8894e-02	4.7912e-01	-
1.5753e-01		9.9717e-01						
114	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5854e-01	-3.8547e-01	-3.3796e-01	
4.1868e-02		1.1020e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1436e-01	-3.9184e-01	-3.4673e-01	
5.3733e-02		1.2825e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1036e+00	-9.7333e-01	-9.8871e-01	
3.7603e-02		1.4469e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4244e-01	-3.7899e-01	-3.3473e-01	
3.0622e-02		1.2015e+00						
89	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.5782e-01	-1.0008e+00	2.7319e-01	-
2.0452e-01		1.1020e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.2816e-01	-1.1013e+00	2.6788e-01	-
2.5266e-01		1.2825e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0825e+00	-1.7975e+00	3.6465e-01	-
2.3651e-01		1.4469e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2095e-01	-8.9537e-01	4.4926e-01	-
1.5753e-01		1.2015e+00						

Shell n. 63		S11	S22	S12	M11	M22	M12	
T11	Nodo comb							
	T22							
114	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6433e-01	-3.8647e-01	2.7278e-01	-
3.6380e-02		1.1019e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.2246e-01	-3.9325e-01	2.6744e-01	-
4.2281e-02		1.2824e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0822e+00	-9.6457e-01	3.5702e-01	-
5.5617e-02		1.4457e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4568e-01	-3.7938e-01	4.4782e-01	-
3.0076e-02		1.2013e+00						
89	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.6573e-01	-1.0026e+00	-3.4038e-01	-
2.0946e-01		1.1019e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.3870e-01	-1.1036e+00	-3.4920e-01	-
2.6337e-01		1.2824e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0443e+00	-1.7943e+00	-9.8750e-01	-
2.1903e-01		1.4457e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2533e-01	-8.9649e-01	-3.3686e-01	-
1.6519e-01		1.2013e+00						
115	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0687e-01	3.5654e-01	2.5819e-01	-
3.6380e-02		8.5609e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.4997e-01	3.5682e-01	2.4957e-01	-
4.2281e-02		9.7676e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0202e+00	6.4799e-01	1.9843e-01	-
5.5617e-02		1.1710e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.0237e-01	5.8392e-01	4.1882e-01	-
3.0076e-02		9.9721e-01						
90	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.1492e-01	-2.5214e-01	-3.5497e-01	-
2.0946e-01		8.5609e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.7289e-01	-3.4594e-01	-3.6707e-01	-
2.6337e-01		9.7676e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0042e+00	-1.5907e-01	-1.1461e+00	-
2.1903e-01		1.1710e+00						

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4 0.0000e+00 0.0000e+00 0.0000e+00 -4.8879e-01 -9.7448e-02 -3.5322e-01
1.6519e-01 9.9721e-01

Shell n. 64

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
115	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.1769e-01	3.5554e-01	-3.5372e-01
5.4844e-02		8.5578e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.6457e-01	3.5534e-01	-3.6602e-01
7.2773e-02		9.7637e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.5952e-01	6.6127e-01	-1.1297e+00
3.9963e-02		1.1706e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.0798e-01	5.8512e-01	-3.5135e-01
3.8567e-02		9.9696e-01					
90	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2048e-01	-2.5441e-01	2.5885e-01
1.9288e-01		8.5578e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.8111e-01	-3.4902e-01	2.5035e-01
2.3541e-01		9.7637e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.7825e-01	-1.5503e-01	1.8608e-01
2.3353e-01		1.1706e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.9152e-01	-9.8168e-02	4.1745e-01
1.5048e-01		9.9696e-01					
116	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6331e-01	-3.8546e-01	-3.7203e-01
5.4844e-02		1.1035e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1773e-01	-3.9182e-01	-3.8843e-01
7.2773e-02		1.2846e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0211e+00	-9.2860e-01	-1.2510e+00
3.9963e-02		1.4441e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4538e-01	-3.7740e-01	-3.6924e-01
3.8567e-02		1.2019e+00					
91	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.6120e-01	-1.0011e+00	2.4054e-01
1.9288e-01		1.1035e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.2969e-01	-1.1017e+00	2.2795e-01
2.3541e-01		1.2846e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0378e+00	-1.7478e+00	6.4831e-02
2.3353e-01		1.4441e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2415e-01	-8.9374e-01	3.9069e-01
1.5048e-01		1.2019e+00					

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Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
116	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.7471e-01	-3.8759e-01	2.4126e-01
9.8132e-03		1.1034e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.3397e-01	-3.9479e-01	2.2849e-01
5.5634e-03		1.2845e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.6351e-01	-9.0944e-01	5.7194e-02
3.8605e-02		1.4419e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.5129e-01	-3.7822e-01	3.9064e-01
1.1911e-02		1.2016e+00					
91	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.8152e-01	-1.0053e+00	-3.7558e-01
2.3489e-01		1.1034e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.5620e-01	-1.1073e+00	-3.9190e-01
2.9858e-01		1.2845e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.5826e-01	-1.7396e+00	-1.2495e+00
2.3586e-01		1.4419e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.3605e-01	-8.9647e-01	-3.7231e-01
1.7810e-01		1.2016e+00					
117	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.0070e-01	3.6280e-01	2.3120e-01
9.8132e-03		8.5875e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.3863e-01	3.6391e-01	2.1561e-01
5.5634e-03		9.8033e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.8823e-01	6.5718e-01	-7.1584e-02
3.8605e-02		1.1675e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.9658e-01	5.9001e-01	3.6972e-01
1.1911e-02		9.9852e-01					
92	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.1474e-01	-2.4689e-01	-3.8564e-01
2.3489e-01		8.5875e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.6826e-01	-3.4026e-01	-4.0477e-01
2.9858e-01		9.8033e-01					

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2.3586e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.1015e-01	-1.4493e-01	-1.3783e+00
		1.1675e+00					
1.7810e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.8873e-01	-9.1344e-02	-3.8417e-01
		9.9852e-01					

Shell n. 66

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11	T22							
1.0233e-01	117	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.2263e-01	3.6113e-01	-3.8701e-01
			8.5803e-01					
1.3676e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.6752e-01	3.6144e-01	-4.0693e-01	
			9.7945e-01					
7.9006e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.7270e-01	6.8922e-01	-1.3075e+00	
			1.1701e+00					
7.2358e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.0829e-01	5.9204e-01	-3.8376e-01	
			9.9793e-01					
1.4905e-01	92	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.2456e-01	-2.5157e-01	2.3450e-01
			8.5803e-01					
1.7628e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.8351e-01	-3.4661e-01	2.1964e-01	
			9.7945e-01					
1.9305e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.8811e-01	-1.2946e-01	-1.3850e-01	
			1.1701e+00					
1.1922e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.9322e-01	-9.2951e-02	3.6904e-01	
			9.9793e-01					
1.0233e-01	118	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.3949e-01	-3.8509e-01	-4.0629e-01
			1.1094e+00					
1.3676e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.8192e-01	-3.9052e-01	-4.3016e-01	
			1.2925e+00					
7.9006e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.0626e-01	-7.2265e-01	-1.2621e+00	
			1.4421e+00					
7.2358e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.2508e-01	-3.7408e-01	-4.0050e-01	
			1.2049e+00					
1.4905e-01	93	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.3693e-01	-1.0031e+00	2.1522e-01
			1.1094e+00					
1.7628e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.9383e-01	-1.1036e+00	1.9641e-01	
			1.2925e+00					
1.9305e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-9.2589e-01	-1.5379e+00	-9.3128e-02	
			1.4421e+00					
1.1922e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.0575e-01	-8.9188e-01	3.4747e-01	
			1.2049e+00					

Shell n. 67

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11	T22							
6.5745e-02	118	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.5384e-01	-3.8904e-01	2.1904e-01
			1.1097e+00					
9.5033e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.0346e-01	-3.9586e-01	1.9991e-01	
			1.2927e+00					
3.4703e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.7739e-01	-6.7156e-01	-1.4797e-01	
			1.4354e+00					
4.2923e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.3089e-01	-3.7582e-01	3.5180e-01	
			1.2050e+00					
3.0988e-01	93	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.8232e-01	-1.0111e+00	-4.1296e-01
			1.1097e+00					
3.9837e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.5142e-01	-1.1141e+00	-4.3660e-01	
			1.2927e+00					
2.9604e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.1796e-01	-1.5017e+00	-1.2123e+00	
			1.4354e+00					
2.2940e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.3480e-01	-8.9711e-01	-4.0628e-01	
			1.2050e+00					
6.5745e-02	119	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3248e-01	3.8867e-01	2.2659e-01
			8.6551e-01					
9.5033e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.4514e-01	3.9440e-01	2.0782e-01	
			9.8939e-01					
3.4703e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.6037e-01	6.1247e-01	-2.3858e-01	
			1.1740e+00					
4.2923e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.4178e-01	6.1635e-01	3.5450e-01	
			1.0025e+00					
3.0988e-01	94	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.6872e-01	-2.2483e-01	-4.0541e-01
			8.6551e-01					

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3.9837e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.0111e-01	-3.1488e-01	-4.2869e-01
	9.8939e-01						
2.9604e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.2809e-01	-1.8966e-01	-1.3029e+00
	1.1740e+00						
2.2940e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.5359e-01	-6.6947e-02	-4.0238e-01
	1.0025e+00						

Shell n. 68

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
119	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.7241e-01	3.8378e-01	-4.1472e-01
2.0599e-01	8.6470e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.9565e-01	3.8762e-01	-4.4007e-01
2.7397e-01	9.8851e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4909e-01	6.4289e-01	-1.2332e+00
1.7922e-01	1.1768e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.6476e-01	6.1712e-01	-4.0752e-01
1.4820e-01	1.0017e+00						
94	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.7838e-01	-2.2986e-01	2.3797e-01
3.5408e-02	8.6470e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.1948e-01	-3.2188e-01	2.2123e-01
2.5931e-02	9.8851e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0712e-01	-1.7362e-01	-3.0476e-01
6.9432e-02	1.1768e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.5578e-01	-6.7754e-02	3.6027e-01
3.5800e-02	1.0017e+00						
120	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2142e-01	-3.8619e-01	-4.3090e-01
2.0599e-01	1.1061e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2024e-01	-3.8795e-01	-4.5713e-01
2.7397e-01	1.2884e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1174e-01	-4.6716e-01	-1.1510e+00
1.7922e-01	1.4255e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.3179e-01	-3.7052e-01	-4.1939e-01
1.4820e-01	1.2008e+00						
95	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.2266e-01	-1.0053e+00	2.2179e-01
3.5408e-02	1.1061e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-6.3974e-01	-1.1027e+00	2.0416e-01
2.5931e-02	1.2884e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.7579e-01	-1.2784e+00	-2.2261e-01
6.9432e-02	1.4255e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.1846e-01	-8.8886e-01	3.4657e-01
3.5800e-02	1.2008e+00						

Shell n. 69

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
120	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.3631e-01	-3.9645e-01	2.3217e-01
1.9058e-01	1.1079e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.4423e-01	-4.0122e-01	2.1385e-01
2.5976e-01	1.2906e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.5283e-01	-4.5334e-01	-2.1842e-01
1.6262e-01	1.4247e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.3579e-01	-3.7676e-01	3.6135e-01
1.3476e-01	1.2023e+00						
95	1	0.0000e+00	0.0000e+00	0.0000e+00	-6.0681e-01	-1.0148e+00	-4.4421e-01
4.4323e-01	1.1079e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.4251e-01	-1.1148e+00	-4.6982e-01
5.7398e-01	1.2906e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.4067e-01	-1.2734e+00	-1.1589e+00
4.2702e-01	1.4247e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.7668e-01	-8.9510e-01	-4.3128e-01
3.2747e-01	1.2023e+00						
121	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3409e-01	4.5053e-01	2.7544e-01
1.9058e-01	8.5527e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.7938e-01	4.6679e-01	2.6455e-01
2.5976e-01	9.7634e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.2784e-02	7.0067e-01	-1.0372e-01
1.6262e-01	1.1603e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8722e-01	6.8285e-01	4.0805e-01
1.3476e-01	9.9351e-01						

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96	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1257e-01	-1.5910e-01	-4.0094e-01
4.4323e-01	8.5527e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.8584e-01	-2.3763e-01	-4.1912e-01
5.7398e-01	9.7634e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6745e-01	-9.6221e-02	-1.0442e+00
4.2702e-01	1.1603e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.3615e-01	3.2964e-03	-3.9610e-01
3.2747e-01	9.9351e-01						

Shell n. 70

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
121	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.0037e-01	4.2943e-01	-4.2275e-01
2.8839e-01	8.5728e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6073e-01	4.3858e-01	-4.4451e-01
3.8152e-01	9.7940e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.1571e-02	6.9463e-01	-1.0232e+00
2.6712e-01	1.1632e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2909e-01	6.7194e-01	-4.1004e-01
2.0963e-01	9.9442e-01						
96	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1287e-01	-1.5132e-01	2.9963e-01
1.3529e-01	8.5728e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.9564e-01	-2.2765e-01	2.9232e-01
1.9942e-01	9.7940e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6299e-01	-8.3528e-02	-1.2112e-01
1.0587e-01	1.1632e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.3111e-01	1.1414e-02	4.2500e-01
9.0068e-02	9.9442e-01						
122	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.7099e-01	-4.0775e-01	-4.2877e-01
2.8839e-01	1.0104e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.8211e-01	-4.0614e-01	-4.4602e-01
3.8152e-01	1.1615e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.8861e-01	-3.6489e-01	-8.7350e-01
2.6712e-01	1.3244e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3830e-01	-3.8069e-01	-4.0968e-01
2.0963e-01	1.1325e+00						
97	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.7723e-01	-9.9525e-01	2.9361e-01
1.3529e-01	1.0104e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.1087e-01	-1.0791e+00	2.9081e-01
1.9942e-01	1.1615e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4672e-01	-1.1428e+00	2.8566e-02
1.0587e-01	1.3244e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.3459e-01	-8.7571e-01	4.2874e-01
9.0068e-02	1.1325e+00						

Shell n. 71

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
122	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.9652e-01	-4.4272e-01	2.7937e-01
1.6163e-01	1.0129e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.2544e-01	-4.4903e-01	2.7277e-01
2.2136e-01	1.1651e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.8093e-02	-3.9600e-01	1.5741e-02
1.4402e-01	1.3241e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.4397e-01	-4.0727e-01	4.1312e-01
1.1411e-01	1.1328e+00						
97	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3222e-01	-9.9638e-01	-4.1754e-01
4.2982e-01	1.0129e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7777e-01	-1.0782e+00	-4.3104e-01
5.5278e-01	1.1651e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.5613e-01	-1.1457e+00	-8.6381e-01
4.1944e-01	1.3241e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.6883e-01	-8.7710e-01	-4.0021e-01
3.2451e-01	1.1328e+00						
123	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0801e-01	4.2668e-01	2.2065e-01
1.6163e-01	7.4470e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-7.9797e-02	4.3998e-01	2.1534e-01
2.2136e-01	8.3373e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.1146e-01	6.8724e-01	5.1767e-02
1.4402e-01	1.0486e+00						

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1.1411e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.0481e-01	6.4999e-01	3.2450e-01
	98	9.0597e-01					
4.2982e-01	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5078e-01	-1.1907e-01	-4.7627e-01
	2	7.4470e-01					
5.5278e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3917e-01	-1.8115e-01	-4.8848e-01
	3	8.3373e-01					
4.1944e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	1.2962e-02	-4.7272e-02	-8.2778e-01
	4	1.0486e+00					
3.2451e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3667e-01	1.8671e-02	-4.5422e-01
	98	9.0597e-01					

Shell n. 72

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
123	1	0.0000e+00	0.0000e+00	0.0000e+00	1.1732e-01	4.0481e-01	-4.1675e-01
1.0225e-01	2	7.6186e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.2399e-01	4.0977e-01	-4.2737e-01
1.3445e-01	3	8.5193e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.1941e-01	6.3693e-01	-6.9466e-01
9.6097e-02	4	1.0670e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.8556e-01	6.3371e-01	-3.9454e-01
7.4229e-02	98	9.2991e-01					
	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.9354e-01	-1.2069e-01	1.6283e-01
5.9694e-02	2	7.6186e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.0031e-01	-1.8241e-01	1.5592e-01
6.0782e-02	3	8.5193e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.1649e-01	-8.1265e-02	-7.8443e-02
7.1407e-02	4	1.0670e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.5464e-01	1.0731e-02	2.2596e-01
5.0526e-02	98	9.2991e-01					
	1	0.0000e+00	0.0000e+00	0.0000e+00	1.2918e-01	-2.8645e-01	3.3283e-03
1.0225e-01	2	9.2381e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.4556e-01	-2.8392e-01	-7.2132e-03
1.3445e-01	3	1.0472e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.2577e-01	-9.9479e-02	-1.1904e-01
9.6097e-02	4	1.2345e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.8349e-01	-2.5616e-01	1.4775e-02
7.4229e-02	99	1.0695e+00					
	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.7878e-01	-8.1536e-01	5.8291e-01
5.9694e-02	2	9.2381e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.7579e-01	-8.7966e-01	5.7608e-01
6.0782e-02	3	1.0472e+00					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0740e-01	-8.2093e-01	4.9717e-01
7.1407e-02	4	1.2345e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.4590e-01	-7.0816e-01	8.8635e-01
5.0526e-02	99	1.0695e+00					

Shell n. 73

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
38	1	0.0000e+00	0.0000e+00	0.0000e+00	6.8943e-01	1.8809e+00	-5.6947e-01
3.6586e-02	2	9.8658e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	6.8338e-01	1.7874e+00	-5.4259e-01
4.1835e-02	3	9.1295e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	8.9346e-01	2.7371e+00	-4.4246e-01
4.2852e-02	4	1.9623e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.1123e+00	3.3044e+00	-5.4204e-01
2.6431e-02	125	1.9151e+00					
	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4794e-01	1.2276e+00	-1.1367e-01
6.5723e-02	2	9.8658e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.5135e-01	1.1733e+00	-9.3387e-02
8.2210e-02	3	9.1295e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.0083e-01	1.4686e+00	6.1013e-02
6.7675e-02	4	1.9623e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.3706e-01	2.0747e+00	-1.1103e-01
5.0702e-02	39	1.9151e+00					
	1	0.0000e+00	0.0000e+00	0.0000e+00	6.8465e-01	1.3278e+00	1.0720e-01
3.6586e-02	2	1.0889e+00					
	2	0.0000e+00	0.0000e+00	0.0000e+00	6.7517e-01	1.2415e+00	1.3848e-01
4.1835e-02	39	1.0370e+00					

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4.2852e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	8.9236e-01	2.1248e+00	4.3161e-01	
		2.0728e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.1087e+00	2.4261e+00	1.2687e-01	
2.6431e-02		1.9957e+00						
	126	1	0.0000e+00	0.0000e+00	-2.6139e-01	6.8286e-01	5.6300e-01	-
6.5723e-02		1.0889e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.6840e-01	6.3585e-01	5.8768e-01	-
8.2210e-02		1.0370e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.1526e-01	8.6928e-01	9.3508e-01	-
6.7675e-02		2.0728e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.4874e-01	1.2095e+00	8.5089e-01	-
5.0702e-02		1.9957e+00						

Shell n. 74

	Nodo	comb	S11	S22	S12	M11	M22	M12	
T11		T22							
	39	1	0.0000e+00	0.0000e+00	0.0000e+00	4.2439e-02	1.2822e+00	6.0590e-01	-
3.3840e-01		1.0677e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.5004e-02	1.1878e+00	6.3342e-01	-	
4.4850e-01		1.0180e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.3346e-02	2.0689e+00	1.0555e+00	-	
3.2030e-01		2.0421e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	8.6067e-02	2.3762e+00	9.2159e-01	-	
2.1642e-01		1.9561e+00							
	126	1	0.0000e+00	0.0000e+00	0.0000e+00	2.7171e-01	7.0663e-01	6.9011e-02	-
7.3536e-02		1.0677e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.6484e-01	6.6816e-01	9.7492e-02	-	
1.0394e-01		1.0180e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.7100e-01	8.8660e-01	3.1808e-01	-	
6.1911e-02		2.0421e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.3818e-01	1.2244e+00	6.4544e-02	-	
3.6125e-02		1.9561e+00							
	40	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.6247e-02	1.9103e+00	3.0937e-01	-
3.3840e-01		8.0284e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.4771e-01	1.8059e+00	3.4567e-01	-	
4.4850e-01		6.7344e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2084e-01	2.9444e+00	6.2964e-01	-	
3.2030e-01		1.7837e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.6219e-03	3.4063e+00	4.2102e-01	-	
2.1642e-01		1.7758e+00							
	127	1	0.0000e+00	0.0000e+00	0.0000e+00	1.5272e-01	1.3158e+00	-2.2751e-01	-
7.3536e-02		8.0284e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.0199e-01	1.2675e+00	-1.9026e-01	-	
1.0394e-01		6.7344e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.6611e-01	1.7336e+00	-1.0780e-01	-	
6.1911e-02		1.7837e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	3.7489e-01	2.2237e+00	-2.3344e-01	-	
3.6125e-02		1.7758e+00							

Shell n. 75

	Nodo	comb	S11	S22	S12	M11	M22	M12	
T11		T22							
	40	1	0.0000e+00	0.0000e+00	0.0000e+00	1.8015e-01	1.8825e+00	-2.1537e-01	-
1.2905e-01		8.2417e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.2511e-01	1.7672e+00	-1.7407e-01	-	
1.7794e-01		6.9739e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.1853e-01	2.9293e+00	-4.6080e-02	-	
1.1444e-01		1.8154e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.7224e-01	3.3942e+00	-2.2204e-01	-	
9.1677e-02		1.8036e+00							
	127	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0377e-01	1.3477e+00	2.8932e-01	-
1.5562e-01		8.2417e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.4363e-01	1.3117e+00	3.2174e-01	-	
2.0558e-01		6.9739e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6200e-01	1.7709e+00	5.5741e-01	-	
1.4856e-01		1.8154e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.9016e-02	2.2431e+00	3.9202e-01	-	
1.0840e-01		1.8036e+00							
	42	1	0.0000e+00	0.0000e+00	0.0000e+00	1.0208e-01	1.2480e+00	-5.6796e-02	-
1.2905e-01		8.5074e-01							

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1.7794e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	1.5821e-02	1.1375e+00	-1.5265e-02	-
	7.2503e-01							
1.1444e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	3.4847e-01	2.1764e+00	3.4047e-01	-
	1.8495e+00							
9.1677e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	4.2747e-01	2.3875e+00	-6.0808e-02	-
	1.8203e+00							
128	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0377e-01	7.3511e-01	4.4790e-01	-
1.5562e-01	8.5074e-01							
2.0558e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.7424e-01	7.0329e-01	4.8054e-01	-
	7.2503e-01							
1.4856e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.5646e-01	1.0423e+00	9.4397e-01	-
	1.8495e+00							
1.0840e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.4893e-01	1.2718e+00	6.6981e-01	-
	1.8203e+00							

Shell n. 76

T11	Nodo	comb	S11	S22	S12	M11	M22	M12
		T22						
3.5576e-01	42	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.1383e-02	1.2121e+00	4.6613e-01
		8.5215e-01						
4.7101e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3966e-01	1.0911e+00	5.0102e-01	-
		7.2902e-01						
3.2657e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	1.1451e-02	2.1357e+00	1.0940e+00	-
		1.8429e+00						
2.2809e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	1.6757e-01	2.3585e+00	7.1438e-01	-
		1.8145e+00						
128	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0034e-02	7.7712e-01	-6.6134e-02	-
8.7111e-02	8.5215e-01							
1.2534e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.0170e-02	7.5741e-01	-2.6849e-02	-
		7.2902e-01						
6.6636e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	1.7592e-02	1.0904e+00	2.0386e-01	-
		1.8429e+00						
3.5833e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	1.3981e-01	1.3068e+00	-7.6381e-02	-
		1.8145e+00						
43	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0437e-01	1.8373e+00	3.5327e-01	-
3.5576e-01	5.8350e-01							
4.7101e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4088e-01	1.7016e+00	3.8134e-01	-
		3.8335e-01						
3.2657e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3811e-01	3.2057e+00	8.8852e-01	-
		1.5829e+00						
2.2809e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	6.1581e-02	3.4313e+00	5.3920e-01	-
		1.6222e+00						
129	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4407e-01	1.3742e+00	-1.7899e-01	-
8.7111e-02	5.8350e-01							
1.2534e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.5198e-01	1.3396e+00	-1.4653e-01	-
		3.8335e-01						
6.6636e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.8805e-02	2.1080e+00	-1.5869e-03	-
		1.5829e+00						
3.5833e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	8.0706e-02	2.3333e+00	-1.8495e-01	-
		1.6222e+00						

Shell n. 77

T11	Nodo	comb	S11	S22	S12	M11	M22	M12
		T22						
3.2843e-02	43	1	0.0000e+00	0.0000e+00	0.0000e+00	-7.9401e-02	1.8281e+00	-1.8458e-01
		5.9230e-01						
3.4344e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.0695e-01	1.6885e+00	-1.5286e-01	-
		3.9363e-01						
4.9267e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	2.2189e-01	3.2070e+00	9.6605e-02	-
		1.6012e+00						
2.7755e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	2.6811e-01	3.4295e+00	-1.8562e-01	-
		1.6334e+00						
129	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0638e-01	1.3959e+00	3.4869e-01	-
1.2389e-01	5.9230e-01							
1.6351e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.0869e-01	1.3681e+00	3.7764e-01	-
		3.9363e-01						
1.1822e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.7940e-01	2.1385e+00	7.7463e-01	-
		1.6012e+00						
8.6358e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.5604e-02	2.3511e+00	5.1755e-01	-
		1.6334e+00						

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45	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.4970e-02	1.1697e+00	-1.3779e-01	
3.2843e-02		7.4903e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.3475e-01	1.0315e+00	-1.0883e-01	
3.4344e-02		5.9148e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.1510e-01	2.3744e+00	3.5130e-01	
4.9267e-02		1.7687e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.7094e-01	2.3702e+00	-1.3159e-01	
2.7755e-02		1.7475e+00						
	130	1	0.0000e+00	0.0000e+00	-2.4776e-01	7.6289e-01	3.9548e-01	-
1.2389e-01		7.4903e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6169e-01	7.3565e-01	4.2167e-01	-
1.6351e-01		5.9148e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1574e-01	1.3350e+00	1.0293e+00	-
1.1822e-01		1.7687e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.5099e-02	1.3338e+00	6.2077e-01	-
8.6358e-02		1.7475e+00						

Shell n. 78

Nodo	comb	S11	S22	S12	M11	M22	M12	
T11	T22							
45	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4333e-01	1.1605e+00	4.0894e-01	-
2.4660e-01		7.4896e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.8155e-01	1.0198e+00	4.3508e-01	-
3.2675e-01		5.9212e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.7638e-02	2.3611e+00	1.2389e+00	-
2.1330e-01		1.7579e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.6896e-01	2.3618e+00	6.6197e-01	-
1.4956e-01		1.7445e+00						
	130	1	0.0000e+00	0.0000e+00	-1.7183e-01	7.7761e-01	-1.4112e-01	-
2.2738e-02		7.4896e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.7880e-01	7.5452e-01	-1.1208e-01	-
4.0962e-02		5.9212e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.7330e-02	1.3624e+00	1.5884e-01	-
1.4296e-03		1.7579e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.0843e-02	1.3471e+00	-1.4159e-01	-
1.2335e-02		1.7445e+00						
	46	1	0.0000e+00	0.0000e+00	-2.4345e-01	1.8195e+00	3.5318e-01	-
2.4660e-01		5.2510e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.1270e-01	1.6693e+00	3.7260e-01	-
3.2675e-01		3.0633e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6803e-01	3.6779e+00	9.5128e-01	-
2.1330e-01		1.5432e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	9.9991e-02	3.4926e+00	5.7392e-01	-
1.4956e-01		1.5826e+00						
	131	1	0.0000e+00	0.0000e+00	-2.4018e-01	1.4054e+00	-1.9688e-01	-
2.2738e-02		5.2510e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7765e-01	1.3726e+00	-1.7456e-01	-
4.0962e-02		3.0633e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.1867e-03	2.6116e+00	-1.2875e-01	-
1.4296e-03		1.5432e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.3968e-02	2.4262e+00	-1.9636e-01	-
1.2335e-02		1.5826e+00						

Shell n. 79

Nodo	comb	S11	S22	S12	M11	M22	M12	
T11	T22							
46	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.8001e-01	1.8198e+00	-2.0199e-01	-
1.2583e-01		5.2831e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4145e-01	1.6692e+00	-1.8015e-01	-
1.5723e-01		3.1006e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.2079e-01	3.7100e+00	-6.2929e-02	-
1.3035e-01		1.5603e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.0433e-01	3.4955e+00	-1.9743e-01	-
9.3442e-02		1.5872e+00						
	131	1	0.0000e+00	0.0000e+00	-2.5683e-01	1.4145e+00	3.4727e-01	-
6.9807e-02		5.2831e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.9093e-01	1.3842e+00	3.6728e-01	-
9.1278e-02		3.1006e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2135e-01	2.6519e+00	8.6515e-01	-
6.9938e-02		1.5603e+00						

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5.0271e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2287e-02	2.4349e+00	5.5201e-01	-
		1.5872e+00						
	48	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4861e-01	1.1504e+00	-1.9155e-01
1.2583e-01			7.2395e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.0719e-01	1.0030e+00	-1.7274e-01
1.5723e-01			5.5856e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	3.5946e-01	2.5805e+00	1.4921e-01
1.3035e-01			1.7606e+00					
	132	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5319e-01	7.7237e-01	3.5771e-01
6.9807e-02			7.2395e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8395e-01	7.4459e-01	3.7469e-01
9.1278e-02			5.5856e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2224e-01	1.5613e+00	1.0773e+00
6.9938e-02			1.7606e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-3.1788e-02	1.3771e+00	5.8743e-01
5.0271e-02			1.7309e+00					

Shell n. 80

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11		T22						
	48	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6184e-01	1.1494e+00	3.6842e-01
1.8794e-01			7.2357e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.1795e-01	1.0018e+00	3.8534e-01
2.4835e-01			5.5836e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	1.4031e-01	2.5757e+00	1.2693e+00
1.4793e-01			1.7508e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	1.9768e-01	2.3904e+00	6.1935e-01
1.1005e-01			1.7292e+00					
	132	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1814e-01	7.7780e-01	-1.9167e-01
2.0438e-02			7.2357e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4478e-01	7.5147e-01	-1.7277e-01
1.6833e-02			5.5836e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	1.5962e-01	1.5786e+00	-2.2604e-02
4.6051e-02			1.7508e+00					
	49	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3040e-01	1.8270e+00	3.3742e-01
1.8794e-01			5.1520e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-4.0675e-01	1.6732e+00	3.4975e-01
2.4835e-01			2.9318e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	7.0809e-02	4.1573e+00	1.0498e+00
1.4793e-01			1.5568e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	1.4939e-01	3.5515e+00	5.6457e-01
1.1005e-01			1.5779e+00					
	133	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5435e-01	1.4237e+00	-2.2267e-01
2.0438e-02			5.1520e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-4.0079e-01	1.3909e+00	-2.0837e-01
1.6833e-02			2.9318e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	1.6539e-01	3.0854e+00	-2.4209e-01
4.6051e-02			1.5568e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	3.5417e-02	2.4906e+00	-2.1919e-01
4.1289e-02			1.5779e+00					

Shell n. 81

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11		T22						
	49	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9938e-01	1.8284e+00	-2.2659e-01
1.5954e-01			5.1645e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7117e-01	1.6749e+00	-2.1220e-01
2.0303e-01			2.9461e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	2.5826e-01	4.1648e+00	-1.5979e-01
1.5565e-01			1.5647e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	2.0252e-01	3.5540e+00	-2.2076e-01
1.1692e-01			1.5800e+00					
	133	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5671e-01	1.4280e+00	3.2996e-01
4.2329e-02			5.1645e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-4.0067e-01	1.3964e+00	3.4232e-01
5.3484e-02			2.9461e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	7.0084e-02	3.0963e+00	9.4359e-01
4.8955e-02			1.5647e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	1.7496e-02	2.4952e+00	5.4480e-01
3.2362e-02			1.5800e+00					

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51	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4816e-01	1.1535e+00	-2.3091e-01	
1.5954e-01	7.1831e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.1001e-01	1.0047e+00	-2.1963e-01	
2.0303e-01	5.5112e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.1771e-01	2.8214e+00	-1.5468e-01	
1.5565e-01	1.7693e+00							
	134	1	0.0000e+00	0.0000e+00	-2.3461e-01	7.8159e-01	3.2564e-01	-
4.2329e-02	7.1831e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6829e-01	7.5415e-01	3.3489e-01	-
5.3484e-02	5.5112e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.7372e-02	1.8045e+00	9.4870e-01	-
4.8955e-02	1.7693e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.7669e-02	1.4095e+00	5.4712e-01	-
3.2362e-02	1.7284e+00							

Shell n. 82

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
51	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5111e-01	1.1536e+00	3.3429e-01	-
1.6875e-01	7.1816e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.1122e-01	1.0048e+00	3.4362e-01	-
2.2131e-01	5.5103e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.2120e-01	2.8181e+00	1.0487e+00	-
1.3629e-01	1.7653e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.3275e-01	2.4197e+00	5.6972e-01	-
1.0122e-01	1.7276e+00							
	134	1	0.0000e+00	0.0000e+00	-2.1832e-01	7.8419e-01	-2.2879e-01	-
3.6334e-02	7.1816e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4976e-01	7.5744e-01	-2.1756e-01	-
3.9443e-02	5.5103e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.9270e-01	1.8116e+00	-2.3252e-01	-
5.9576e-02	1.7653e+00							
	52	1	0.0000e+00	0.0000e+00	-2.0852e-01	1.8368e+00	3.1293e-01	-
1.6875e-01	5.1309e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8423e-01	1.6827e+00	3.1853e-01	-
2.2131e-01	2.9028e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.6038e-01	4.3876e+00	8.6834e-01	-
1.3629e-01	1.5695e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.8951e-01	3.5902e+00	5.2975e-01	-
1.0122e-01	1.5781e+00							
	135	1	0.0000e+00	0.0000e+00	-2.4374e-01	1.4361e+00	-2.5015e-01	-
3.6334e-02	5.1309e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.9051e-01	1.4039e+00	-2.4265e-01	-
3.9443e-02	2.9028e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.0552e-01	3.3080e+00	-4.1291e-01	-
5.9576e-02	1.5695e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.7762e-02	2.5299e+00	-2.4627e-01	-
4.8258e-02	1.5781e+00							

Shell n. 83

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
52	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9543e-01	1.8376e+00	-2.5477e-01	-
1.6762e-01	5.1356e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6903e-01	1.6837e+00	-2.4712e-01	-
2.1561e-01	2.9083e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.4727e-01	4.3915e+00	-3.8588e-01	-
1.5367e-01	1.5730e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.1251e-01	3.5914e+00	-2.4979e-01	-
1.2131e-01	1.5790e+00							
	135	1	0.0000e+00	0.0000e+00	-2.4307e-01	1.4380e+00	3.0603e-01	-
3.5622e-02	5.1356e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8849e-01	1.4064e+00	3.1161e-01	-
4.2665e-02	2.9083e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.6683e-01	3.3138e+00	8.1594e-01	-
4.8767e-02	1.5730e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.1431e-02	2.5320e+00	5.1461e-01	-
2.8891e-02	1.5790e+00							
	54	1	0.0000e+00	0.0000e+00	-1.3903e-01	1.1580e+00	-2.6647e-01	-
1.6762e-01	7.1680e-01							

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2.1561e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.9989e-01	1.0093e+00	-2.6206e-01	
	5.4911e-01							
1.5367e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	3.1084e-01	2.9252e+00	-4.6740e-01	
	1.7755e+00							
1.2131e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	2.6195e-01	2.4365e+00	-2.6124e-01	
	1.7282e+00							
136	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1691e-01	7.8797e-01	2.9433e-01	-
3.5622e-02	7.1680e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4945e-01	7.6122e-01	2.9667e-01	-
4.2665e-02	5.4911e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.6889e-01	1.9083e+00	7.3442e-01	-
4.8767e-02	1.7755e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.0238e-02	1.4273e+00	4.9790e-01	-
2.8891e-02	1.7282e+00							

Shell n. 84

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
54	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.3945e-01	1.1580e+00	3.0083e-01	-
1.6667e-01	7.1678e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.9972e-01	1.0094e+00	3.0321e-01	-
2.1649e-01	5.4910e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.8159e-01	2.9241e+00	7.7437e-01	-
1.4291e-01	1.7743e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.5668e-01	2.4364e+00	5.1140e-01	-
1.0593e-01	1.7280e+00							
136	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1205e-01	7.8880e-01	-2.6213e-01	-
3.7436e-02	7.1678e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4387e-01	7.6227e-01	-2.5774e-01	-
4.2929e-02	5.4910e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.0440e-01	1.9106e+00	-4.8435e-01	-
5.6211e-02	1.7743e+00							
55	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9547e-01	1.8409e+00	2.8436e-01	-
1.6667e-01	5.1267e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6964e-01	1.6870e+00	2.8334e-01	-
2.1649e-01	2.8967e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.2009e-01	4.4635e+00	6.3581e-01	-
1.4291e-01	1.5752e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.1098e-01	3.6038e+00	4.8209e-01	-
1.0593e-01	1.5787e+00							
137	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3686e-01	1.4411e+00	-2.7859e-01	-
3.7436e-02	5.1267e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8251e-01	1.4095e+00	-2.7762e-01	-
4.2929e-02	2.8967e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.1168e-01	3.3818e+00	-6.2291e-01	-
5.6211e-02	1.5752e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	6.5890e-02	2.5437e+00	-2.7511e-01	-
4.3371e-02	1.5787e+00							

Shell n. 85

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
55	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9547e-01	1.8409e+00	-2.8436e-01	-
1.6667e-01	5.1267e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6964e-01	1.6870e+00	-2.8334e-01	-
2.1649e-01	2.8967e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.2009e-01	4.4635e+00	-6.3581e-01	-
1.4291e-01	1.5752e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.1098e-01	3.6038e+00	-2.8083e-01	-
1.1892e-01	1.5787e+00							
137	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3686e-01	1.4411e+00	2.7859e-01	-
3.7436e-02	5.1267e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8251e-01	1.4095e+00	2.7762e-01	-
4.2929e-02	2.8967e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.1168e-01	3.3818e+00	6.2291e-01	-
5.6211e-02	1.5752e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	6.5891e-02	2.5437e+00	4.7221e-01	-
3.1766e-02	1.5787e+00							
57	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.3945e-01	1.1580e+00	-3.0083e-01	-
1.6667e-01	7.1678e-01							

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2.1649e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.9972e-01	1.0094e+00	-3.0321e-01	
	5.4910e-01							
1.4291e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	2.8159e-01	2.9241e+00	-7.7437e-01	
	1.7743e+00							
1.1892e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	2.5668e-01	2.4364e+00	-2.9818e-01	
	1.7280e+00							
138	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1205e-01	7.8880e-01	2.6213e-01	-
3.7436e-02	7.1678e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4387e-01	7.6227e-01	2.5774e-01	-
4.2929e-02	5.4910e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.0440e-01	1.9106e+00	4.8435e-01	-
5.6211e-02	1.7743e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.9323e-02	1.4282e+00	4.4291e-01	-
3.1766e-02	1.7280e+00							

Shell n. 86

T11	Nodo	comb	S11	S22	S12	M11	M22	M12
		T22						
1.6762e-01	57	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.3903e-01	1.1580e+00	2.6647e-01
		7.1680e-01						
		2	0.0000e+00	0.0000e+00	0.0000e+00	-2.9989e-01	1.0093e+00	2.6206e-01
2.1561e-01		5.4911e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	3.1084e-01	2.9252e+00	4.6740e-01
1.5367e-01		1.7755e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	2.6196e-01	2.4365e+00	4.4747e-01
1.1314e-01		1.7282e+00						
138	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1691e-01	7.8797e-01	-2.9433e-01	-
3.5622e-02		7.1680e-01						
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4945e-01	7.6122e-01	-2.9667e-01
4.2665e-02		5.4911e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	1.6889e-01	1.9083e+00	-7.3442e-01
4.8767e-02		1.7755e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	5.0236e-02	1.4273e+00	-2.9106e-01
3.6010e-02		1.7282e+00						
58	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9543e-01	1.8376e+00	2.5477e-01	-
1.6762e-01		5.1356e-01						
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6903e-01	1.6837e+00	2.4712e-01
2.1561e-01		2.9083e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	2.4727e-01	4.3915e+00	3.8588e-01
1.5367e-01		1.5730e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	2.1252e-01	3.5914e+00	4.3078e-01
1.1314e-01		1.5790e+00						
139	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4307e-01	1.4380e+00	-3.0603e-01	-
3.5622e-02		5.1356e-01						
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8849e-01	1.4064e+00	-3.1161e-01
4.2665e-02		2.9083e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	1.6683e-01	3.3138e+00	-8.1594e-01
4.8767e-02		1.5730e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	5.1429e-02	2.5320e+00	-3.0250e-01
3.6010e-02		1.5790e+00						

Shell n. 87

T11	Nodo	comb	S11	S22	S12	M11	M22	M12
		T22						
1.6875e-01	58	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0852e-01	1.8368e+00	-3.1293e-01
		5.1309e-01						
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8423e-01	1.6827e+00	-3.1853e-01
2.2131e-01		2.9028e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	1.6038e-01	4.3876e+00	-8.6834e-01
1.3629e-01		1.5695e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	1.8951e-01	3.5902e+00	-3.1037e-01
1.1884e-01		1.5781e+00						
139	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4374e-01	1.4361e+00	2.5015e-01	-
3.6334e-02		5.1309e-01						
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.9051e-01	1.4039e+00	2.4265e-01
3.9443e-02		2.9028e-01						
		3	0.0000e+00	0.0000e+00	0.0000e+00	2.0552e-01	3.3080e+00	4.1291e-01
5.9576e-02		1.5695e+00						
		4	0.0000e+00	0.0000e+00	0.0000e+00	5.7758e-02	2.5298e+00	4.2626e-01
3.2399e-02		1.5781e+00						

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60	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5111e-01	1.1536e+00	-3.3429e-01	
1.6875e-01	7.1816e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.1122e-01	1.0048e+00	-3.4362e-01	
2.2131e-01	5.5103e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.2120e-01	2.8181e+00	-1.0487e+00	
1.3629e-01	1.7653e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.3275e-01	2.4197e+00	-3.3320e-01	
1.1884e-01	1.7276e+00							
	140	1	0.0000e+00	0.0000e+00	-2.1832e-01	7.8419e-01	2.2879e-01	-
3.6334e-02	7.1816e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4976e-01	7.5744e-01	2.1756e-01	-
3.9443e-02	5.5103e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.9270e-01	1.8116e+00	2.3252e-01	-
5.9576e-02	1.7653e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.7642e-02	1.4122e+00	3.8638e-01	-
3.2399e-02	1.7276e+00							

Shell n. 88								
T11	Nodo	comb	S11	S22	S12	M11	M22	M12
		T22						
	60	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4816e-01	1.1535e+00	2.3091e-01
1.5954e-01	7.1831e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.1001e-01	1.0047e+00	2.1963e-01	-
2.0303e-01	5.5112e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.1771e-01	2.8214e+00	1.5468e-01	-
1.5565e-01	1.7693e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.5125e-01	2.4202e+00	3.8173e-01	-
1.1332e-01	1.7284e+00							
	140	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3461e-01	7.8159e-01	-3.2564e-01
4.2329e-02	7.1831e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6829e-01	7.5415e-01	-3.3489e-01	-
5.3484e-02	5.5112e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.7372e-02	1.8045e+00	-9.4870e-01	-
4.8955e-02	1.7693e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.7666e-02	1.4095e+00	-3.2233e-01	-
3.5117e-02	1.7284e+00							
	61	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9938e-01	1.8284e+00	2.2659e-01
1.5954e-01	5.1645e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7117e-01	1.6749e+00	2.1220e-01	-
2.0303e-01	2.9461e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.5826e-01	4.1648e+00	1.5979e-01	-
1.5565e-01	1.5647e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.0251e-01	3.5540e+00	3.8402e-01	-
1.1332e-01	1.5800e+00							
	141	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5671e-01	1.4280e+00	-3.2996e-01
4.2329e-02	5.1645e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.0067e-01	1.3964e+00	-3.4232e-01	-
5.3484e-02	2.9461e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.0084e-02	3.0963e+00	-9.4359e-01	-
4.8955e-02	1.5647e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.7492e-02	2.4952e+00	-3.2455e-01	-
3.5117e-02	1.5800e+00							

Shell n. 89								
T11	Nodo	comb	S11	S22	S12	M11	M22	M12
		T22						
	61	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3040e-01	1.8270e+00	-3.3742e-01
1.8794e-01	5.1520e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.0675e-01	1.6732e+00	-3.4975e-01	-
2.4835e-01	2.9318e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.0809e-02	4.1573e+00	-1.0498e+00	-
1.4793e-01	1.5568e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.4939e-01	3.5515e+00	-3.3417e-01	-
1.3165e-01	1.5779e+00							
	141	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5435e-01	1.4237e+00	2.2267e-01
2.0438e-02	5.1520e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.0079e-01	1.3909e+00	2.0837e-01	-
1.6833e-02	2.9318e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.6539e-01	3.0854e+00	2.4209e-01	-
4.6051e-02	1.5568e+00							

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2.1842e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	3.5413e-02	2.4906e+00	3.8444e-01	-
	63	1.5779e+00						
1.8794e-01	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6184e-01	1.1494e+00	-3.6842e-01	
	7	2.2357e-01						
2.4835e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.1795e-01	1.0018e+00	-3.8534e-01	
	5	5.5836e-01						
1.4793e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	1.4031e-01	2.5757e+00	-1.2693e+00	
	1	1.7508e+00						
1.3165e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	1.9768e-01	2.3904e+00	-3.6630e-01	
	1	1.7292e+00						
2.0438e-02	142	1	0.0000e+00	0.0000e+00	-2.1814e-01	7.7780e-01	1.9167e-01	-
	7	2.2357e-01						
1.6833e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4478e-01	7.5147e-01	1.7277e-01	-
	5	5.5836e-01						
4.6051e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	1.5962e-01	1.5786e+00	2.2604e-02	-
	1	1.7508e+00						
2.1842e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	3.0132e-02	1.3826e+00	3.2981e-01	-
	1	1.7292e+00						

Shell n. 90

T11	Nodo	comb	S11	S22	S12	M11	M22	M12
		T22						
1.2583e-01	63	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4861e-01	1.1504e+00	1.9155e-01
	7	2.2395e-01						
1.5723e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.0719e-01	1.0030e+00	1.7274e-01	-
	5	5.5856e-01						
1.3035e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	3.5946e-01	2.5805e+00	-1.4921e-01	-
	1	1.7606e+00						
9.3248e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	2.4082e-01	2.3921e+00	3.1552e-01	-
	1	1.7309e+00						
6.9807e-02	142	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5319e-01	7.7237e-01	-3.5771e-01
	7	2.2395e-01						
9.1278e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8395e-01	7.4459e-01	-3.7469e-01	-
	5	5.5856e-01						
6.9938e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2224e-01	1.5613e+00	-1.0773e+00	-
	1	1.7606e+00						
5.1378e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.1785e-02	1.3771e+00	-3.5144e-01	-
	1	1.7309e+00						
1.2583e-01	64	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.8001e-01	1.8198e+00	2.0199e-01
	5	2.2831e-01						
1.5723e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4145e-01	1.6692e+00	1.8015e-01	-
	3	3.1006e-01						
1.3035e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	3.2079e-01	3.7100e+00	6.2929e-02	-
	1	1.5603e+00						
9.3248e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	2.0433e-01	3.4955e+00	3.5079e-01	-
	1	1.5872e+00						
6.9807e-02	143	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5683e-01	1.4145e+00	-3.4727e-01
	5	2.2831e-01						
9.1278e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.9093e-01	1.3842e+00	-3.6728e-01	-
	3	3.1006e-01						
6.9938e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2135e-01	2.6519e+00	-8.6515e-01	-
	1	1.5603e+00						
5.1378e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2285e-02	2.4350e+00	-3.3633e-01	-
	1	1.5872e+00						

Shell n. 91

T11	Nodo	comb	S11	S22	S12	M11	M22	M12
		T22						
2.4660e-01	64	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4345e-01	1.8195e+00	-3.5318e-01
	5	2.2510e-01						
3.2675e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.1270e-01	1.6693e+00	-3.7260e-01	-
	3	3.0633e-01						
2.1330e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6803e-01	3.6779e+00	-9.5128e-01	-
	1	1.5432e+00						
1.7409e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	9.9998e-02	3.4926e+00	-3.4602e-01	-
	1	1.5826e+00						
2.2738e-02	143	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4018e-01	1.4054e+00	1.9688e-01
	5	2.2510e-01						
4.0962e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7765e-01	1.3726e+00	1.7456e-01	-
	3	3.0633e-01						

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1.4296e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	5.1867e-03	2.6116e+00	1.2875e-01	-
		1.5432e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.3971e-02	2.4262e+00	3.5405e-01	
9.3860e-03		1.5826e+00						
	66	1 0.0000e+00	0.0000e+00	0.0000e+00	-1.4333e-01	1.1605e+00	-4.0894e-01	
2.4660e-01		7.4896e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.8155e-01	1.0198e+00	-4.3508e-01	
3.2675e-01		5.9212e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.7638e-02	2.3611e+00	-1.2389e+00	
2.1330e-01		1.7579e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.6896e-01	2.3618e+00	-4.0063e-01	
1.7409e-01		1.7445e+00						
	144	1 0.0000e+00	0.0000e+00	0.0000e+00	-1.7183e-01	7.7761e-01	1.4112e-01	
2.2738e-02		7.4896e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.7880e-01	7.5452e-01	1.1208e-01	
4.0962e-02		5.9212e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.7330e-02	1.3624e+00	-1.5884e-01	-
1.4296e-03		1.7579e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.0845e-02	1.3471e+00	2.6616e-01	
9.3860e-03		1.7445e+00						

Shell n. 92

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
	66	1 0.0000e+00	0.0000e+00	0.0000e+00	-9.4970e-02	1.1697e+00	1.3779e-01	-
3.2843e-02		7.4903e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.3475e-01	1.0315e+00	1.0883e-01	-
3.4344e-02		5.9148e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.1510e-01	2.3744e+00	-3.5130e-01	-
4.9267e-02		1.7687e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.7094e-01	2.3703e+00	2.4174e-01	-
2.5259e-02		1.7475e+00						
	144	1 0.0000e+00	0.0000e+00	0.0000e+00	-2.4776e-01	7.6289e-01	-3.9548e-01	
1.2389e-01		7.4903e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6169e-01	7.3565e-01	-4.2167e-01	
1.6351e-01		5.9148e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1574e-01	1.3350e+00	-1.0293e+00	
1.1822e-01		1.7687e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.5093e-02	1.3339e+00	-3.8110e-01	
9.0401e-02		1.7475e+00						
	67	1 0.0000e+00	0.0000e+00	0.0000e+00	-7.9401e-02	1.8281e+00	1.8458e-01	-
3.2843e-02		5.9230e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.0695e-01	1.6885e+00	1.5286e-01	-
3.4344e-02		3.9363e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.6811e-01	3.4295e+00	3.4467e-01	-
2.5259e-02		1.6334e+00						
	145	1 0.0000e+00	0.0000e+00	0.0000e+00	-2.0638e-01	1.3959e+00	-3.4869e-01	
1.2389e-01		5.9230e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.0869e-01	1.3681e+00	-3.7764e-01	
1.6351e-01		3.9363e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.5598e-02	2.3512e+00	-3.2737e-01	
9.0401e-02		1.6334e+00						

Shell n. 93

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
	67	1 0.0000e+00	0.0000e+00	0.0000e+00	-2.0437e-01	1.8373e+00	-3.5327e-01	
3.5576e-01		5.8350e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4088e-01	1.7016e+00	-3.8134e-01	
4.7101e-01		3.8335e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	6.1585e-02	3.4313e+00	-3.3655e-01	
2.5442e-01		1.6223e+00						
	145	1 0.0000e+00	0.0000e+00	0.0000e+00	-1.4407e-01	1.3742e+00	1.7899e-01	
8.7111e-02		5.8350e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.5198e-01	1.3396e+00	1.4653e-01	
1.2534e-01		3.8335e-01						
	4	0.0000e+00	0.0000e+00	0.0000e+00	8.0709e-02	2.3333e+00	3.4927e-01	
5.7226e-02		1.6223e+00						
	69	1 0.0000e+00	0.0000e+00	0.0000e+00	-5.1383e-02	1.2121e+00	-4.6613e-01	
3.5576e-01		8.5215e-01						

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4.7101e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3966e-01	1.0911e+00	-5.0102e-01
	7.2902e-01						
3.2657e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	1.1451e-02	2.1357e+00	-1.0940e+00
	1.8429e+00						
2.5442e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	1.6757e-01	2.3585e+00	-4.4499e-01
	1.8145e+00						
8.7111e-02	146	1	0.0000e+00	0.0000e+00	-2.0034e-02	7.7712e-01	6.6134e-02
	8.5215e-01						
1.2534e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-8.0170e-02	7.5741e-01	2.6849e-02
	7.2902e-01						
6.6636e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	1.7592e-02	1.0904e+00	-2.0386e-01
	1.8429e+00						
5.7226e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	1.3981e-01	1.3068e+00	1.7423e-01
	1.8145e+00						

Shell n. 94

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
69	1	0.0000e+00	0.0000e+00	0.0000e+00	1.0208e-01	1.2480e+00	5.6796e-02
1.2905e-01	8.5074e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.5821e-02	1.1375e+00	1.5265e-02
1.7794e-01	7.2503e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.4847e-01	2.1764e+00	-3.4047e-01
1.1444e-01	1.8495e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.2747e-01	2.3875e+00	1.4431e-01
9.4474e-02	1.8203e+00						
146	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0377e-01	7.3511e-01	-4.4790e-01
1.5562e-01	8.5074e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.7424e-01	7.0329e-01	-4.8054e-01
2.0558e-01	7.2503e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.5646e-01	1.0423e+00	-9.4397e-01
1.4856e-01	1.8495e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.4893e-01	1.2718e+00	-4.2118e-01
1.1352e-01	1.8203e+00						
70	1	0.0000e+00	0.0000e+00	0.0000e+00	1.8015e-01	1.8825e+00	2.1537e-01
1.2905e-01	8.2417e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.2511e-01	1.7672e+00	1.7407e-01
1.7794e-01	6.9739e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.1853e-01	2.9293e+00	4.6080e-02
1.1444e-01	1.8154e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.7224e-01	3.3943e+00	4.2170e-01
9.4474e-02	1.8036e+00						
147	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0377e-01	1.3477e+00	-2.8932e-01
1.5562e-01	8.2417e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.4363e-01	1.3117e+00	-3.2174e-01
2.0558e-01	6.9739e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6200e-01	1.7709e+00	-5.5741e-01
1.4856e-01	1.8154e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-6.9017e-02	2.2431e+00	-2.6033e-01
1.1352e-01	1.8036e+00						

Shell n. 95

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
70	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.6247e-02	1.9103e+00	-3.0937e-01
3.3840e-01	8.0284e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.4771e-01	1.8059e+00	-3.4567e-01
4.4850e-01	6.7344e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.2084e-01	2.9444e+00	-6.2964e-01
3.2030e-01	1.7837e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-8.6307e-03	3.4063e+00	-2.7933e-01
2.4211e-01	1.7758e+00						
147	1	0.0000e+00	0.0000e+00	0.0000e+00	1.5272e-01	1.3158e+00	2.2751e-01
7.3536e-02	8.0284e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	1.0199e-01	1.2675e+00	1.9026e-01
1.0394e-01	6.7344e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.6611e-01	1.7336e+00	1.0780e-01
6.1911e-02	1.7837e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	3.7489e-01	2.2237e+00	4.3765e-01
4.9826e-02	1.7758e+00						

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72	1	0.0000e+00	0.0000e+00	0.0000e+00	4.2439e-02	1.2822e+00	-6.0590e-01	
3.3840e-01	1.0677e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.5004e-02	1.1878e+00	-6.3342e-01	
4.4850e-01	1.0180e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.3346e-02	2.0689e+00	-1.0555e+00	
3.2030e-01	2.0421e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	8.6057e-02	2.3762e+00	-5.7068e-01	
2.4211e-01	1.9561e+00							
148	1	0.0000e+00	0.0000e+00	0.0000e+00	2.7171e-01	7.0663e-01	-6.9011e-02	
7.3536e-02	1.0677e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.6484e-01	6.6816e-01	-9.7492e-02	
1.0394e-01	1.0180e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.7100e-01	8.8660e-01	-3.1808e-01	
6.1911e-02	2.0421e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.3818e-01	1.2244e+00	-5.6300e-02	
4.9826e-02	1.9561e+00							

Shell n. 96

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
72	1	0.0000e+00	0.0000e+00	0.0000e+00	6.8465e-01	1.3278e+00	-1.0720e-01	-
3.6586e-02	1.0889e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	6.7517e-01	1.2415e+00	-1.3848e-01	-
4.1835e-02	1.0370e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	8.9236e-01	2.1248e+00	-4.3161e-01	-
4.2852e-02	2.0728e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.1087e+00	2.4261e+00	-9.5951e-02	-
2.3666e-02	1.9957e+00							
148	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.6139e-01	6.8286e-01	-5.6300e-01	
6.5723e-02	1.0889e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.6840e-01	6.3585e-01	-5.8768e-01	
8.2210e-02	1.0370e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.1526e-01	8.6928e-01	-9.3508e-01	
6.7675e-02	2.0728e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.4874e-01	1.2095e+00	-5.2753e-01	
5.6897e-02	1.9957e+00							
73	1	0.0000e+00	0.0000e+00	0.0000e+00	6.8943e-01	1.8809e+00	5.6947e-01	-
3.6586e-02	9.8658e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	6.8338e-01	1.7874e+00	5.4259e-01	-
4.1835e-02	9.1295e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	8.9346e-01	2.7371e+00	4.4246e-01	-
4.2852e-02	1.9623e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.1123e+00	3.3044e+00	9.2988e-01	-
2.3666e-02	1.9151e+00							
149	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4794e-01	1.2276e+00	1.1367e-01	
6.5723e-02	9.8658e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.5135e-01	1.1733e+00	9.3387e-02	
8.2210e-02	9.1295e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.0083e-01	1.4686e+00	-6.1013e-02	
6.7675e-02	1.9623e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.3706e-01	2.0747e+00	2.0529e-01	
5.6897e-02	1.9151e+00							

Shell n. 97

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
125	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1749e-01	9.8058e-01	3.9862e-01	-
4.5270e-02	1.0790e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.1397e-01	9.5474e-01	4.1614e-01	-
6.1440e-02	1.0786e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1800e-01	1.3891e+00	7.3466e-01	-
4.2414e-02	1.9059e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1100e-01	1.6441e+00	6.1402e-01	-
2.6285e-02	1.7934e+00							
150	1	0.0000e+00	0.0000e+00	0.0000e+00	6.9064e-02	3.1873e-01	2.0052e-01	-
6.3005e-03	1.0790e+00							
	2	0.0000e+00	0.0000e+00	0.0000e+00	6.1494e-02	2.9633e-01	2.1350e-01	-
1.2024e-02	1.0786e+00							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.7179e-02	2.1016e-01	4.0858e-01	-
1.4675e-03	1.9059e+00							

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5.4520e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	1.1966e-01	5.3396e-01	3.0274e-01	
	126	1.7934e+00						
4.5270e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3460e-01	1.2160e+00	4.8820e-02	-
	2	1.0401e+00						
6.1440e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.3782e-01	1.1942e+00	7.6269e-02	-
	3	1.0292e+00						
4.2414e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3222e-01	1.7781e+00	2.5885e-01	-
	4	1.8649e+00						
2.6285e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2257e-01	2.0181e+00	3.7733e-02	-
	151	1.7616e+00						
6.3005e-03	1	0.0000e+00	0.0000e+00	0.0000e+00	5.3916e-02	5.5234e-01	-1.4928e-01	-
	2	1.0401e+00						
1.2024e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	3.9391e-02	5.3416e-01	-1.2638e-01	-
	3	1.0292e+00						
1.4675e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	3.9564e-03	5.9834e-01	-6.7235e-02	-
	4	1.8649e+00						
5.4520e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	1.1489e-01	9.0454e-01	-1.5173e-01	-
	151	1.7616e+00						

Shell n. 98

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
126	1	0.0000e+00	0.0000e+00	0.0000e+00	2.4266e-01	1.2340e+00	-2.0053e-01	-
1.0801e-01	2	1.0599e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.2630e-01	1.2066e+00	-1.6984e-01	-
1.4142e-01	4	1.0497e+00						
	151	0.0000e+00	0.0000e+00	0.0000e+00	2.9264e-01	1.7965e+00	-8.6257e-02	-
1.0295e-01	2	1.8922e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.2721e-01	2.0605e+00	-2.0317e-01	-
8.0343e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.7912e-01	5.8327e-01	9.7630e-02	-
	151	1.7915e+00						
5.4180e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.9861e-01	5.6695e-01	1.1738e-01	-
	3	1.0497e+00						
7.3009e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.0324e-01	6.2352e-01	2.7499e-01	-
	151	1.8922e+00						
5.2047e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.6513e-01	9.4730e-01	1.2004e-01	-
	3	1.7915e+00						
3.4810e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	1.9636e-01	8.6148e-01	4.7120e-02	-
	127	1.0061e+00						
1.0801e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	1.6353e-01	8.4408e-01	8.2126e-02	-
	3	9.8133e-01						
1.4142e-01	4	0.0000e+00	0.0000e+00	0.0000e+00	2.4933e-01	1.3480e+00	3.0366e-01	-
	152	1.8413e+00						
1.0295e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	3.9798e-01	1.4483e+00	3.3012e-02	-
	3	1.7445e+00						
8.0343e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.3427e-01	2.1980e-01	3.4528e-01	-
	152	1.0061e+00						
5.4180e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.6998e-01	2.1325e-01	3.6935e-01	-
	3	9.8133e-01						
7.3009e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.5690e-01	1.8553e-01	6.6491e-01	-
	152	1.8413e+00						
5.2047e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.0664e-01	3.4975e-01	5.0954e-01	-
	3	1.7445e+00						
3.4810e-02	4	0.0000e+00	0.0000e+00	0.0000e+00				

Shell n. 99

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
127	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1027e-01	8.2208e-01	4.2532e-01	-
1.3035e-01	2	1.0005e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.5153e-01	7.9757e-01	4.5654e-01	-
1.8125e-01	4	9.7714e-01						
	152	0.0000e+00	0.0000e+00	0.0000e+00	-2.1680e-01	1.2965e+00	8.3040e-01	-
1.1257e-01	2	1.8307e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-7.2447e-02	1.4049e+00	6.2637e-01	-
6.6257e-02	4	1.7316e+00						
	152	0.0000e+00	0.0000e+00	0.0000e+00	-9.3889e-02	2.2595e-01	-2.8981e-02	-
5.8744e-02	2	1.0005e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3402e-01	2.2394e-01	-1.1052e-03	-
8.4753e-02	4	9.7714e-01						

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4.7974e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5208e-01	1.8477e-01	1.4423e-01	-
		1.8307e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.5614e-02	3.4738e-01	-3.8374e-02	-
2.2589e-02		1.7316e+00						
	128	1	0.0000e+00	0.0000e+00	-1.7684e-01	1.3629e+00	3.0512e-01	-
1.3035e-01		9.2891e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.4229e-01	1.3376e+00	3.3902e-01	-
1.8125e-01		8.8065e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8036e-01	2.1232e+00	6.6158e-01	-
1.1257e-01		1.7661e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1231e-01	2.2816e+00	4.2454e-01	-
6.6257e-02		1.6879e+00						
	153	1	0.0000e+00	0.0000e+00	-1.4560e-01	7.5208e-01	-1.4918e-01	-
5.8744e-02		9.2891e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.0965e-01	7.4918e-01	-1.1863e-01	-
8.4753e-02		8.8065e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8894e-01	9.8504e-01	-2.4589e-02	-
4.7974e-02		1.7661e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.1584e-02	1.2003e+00	-1.5641e-01	-
2.2589e-02		1.6879e+00						

Shell n. 100

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11		T22						
	128	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4260e-02	1.3506e+00	-1.5018e-01
1.2525e-01		9.3836e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2754e-01	1.3189e+00	-1.1332e-01	-
1.6623e-01		8.9137e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.5202e-02	2.1246e+00	3.3923e-03	-
1.1750e-01		1.7816e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2749e-01	2.2822e+00	-1.6058e-01	-
8.8915e-02		1.7001e+00						
	153	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3737e-01	7.7048e-01	3.0050e-01
8.1289e-02		9.3836e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.0183e-01	7.7244e-01	3.2816e-01	-
1.0942e-01		8.9137e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.3716e-01	1.0152e+00	6.2546e-01	-
7.9196e-02		1.7816e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8729e-01	1.2186e+00	4.3069e-01	-
5.2778e-02		1.7001e+00						
	129	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1201e-01	7.8990e-01	-8.7244e-02
1.2525e-01		8.9441e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.0719e-01	7.6517e-01	-5.2412e-02	-
1.6623e-01		8.3457e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9446e-02	1.3588e+00	2.1101e-01	-
1.1750e-01		1.7433e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	9.4565e-02	1.3656e+00	-9.3260e-02	-
8.8915e-02		1.6640e+00						
	154	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.0881e-01	2.2360e-01	3.6343e-01
8.1289e-02		8.9441e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.9460e-01	2.3201e-01	3.8907e-01	-
1.0942e-01		8.3457e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0555e-01	2.6324e-01	8.3308e-01	-
7.9196e-02		1.7433e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.4090e-01	3.2491e-01	5.5241e-01	-
5.2778e-02		1.6640e+00						

Shell n. 101

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11		T22						
	129	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0136e-01	7.7146e-01	3.9513e-01
9.0573e-02		8.9459e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.0035e-01	7.4221e-01	4.2515e-01	-
1.2925e-01		8.3573e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4385e-01	1.3382e+00	9.7034e-01	-
6.7906e-02		1.7378e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.7556e-02	1.3488e+00	6.0300e-01	-
3.5460e-02		1.6610e+00						
	154	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5464e-01	2.3500e-01	-1.1333e-01
4.6684e-02		8.9459e-01						

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7.0695e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.3973e-01	2.4731e-01	-8.2889e-02	-
	8.3573e-01							
3.1965e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9910e-01	2.8223e-01	8.2845e-02	-
	1.7378e+00							
8.6120e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.7141e-01	3.3358e-01	-1.1946e-01	-
	1.6610e+00							
9.0573e-02	130	1	0.0000e+00	0.0000e+00	-2.5375e-01	1.3825e+00	3.4085e-01	-
	8.5070e-01							
1.2925e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7254e-01	1.3490e+00	3.6602e-01	-
	7.7717e-01							
6.7906e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9497e-01	2.4169e+00	8.2090e-01	-
	1.7018e+00							
3.5460e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.6775e-02	2.3681e+00	5.2192e-01	-
	1.6342e+00							
4.6684e-02	155	1	0.0000e+00	0.0000e+00	-2.8810e-01	8.2729e-01	-1.6760e-01	-
	8.5070e-01							
7.0695e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.9261e-01	8.3502e-01	-1.4201e-01	-
	7.7717e-01							
3.1965e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1046e-01	1.3213e+00	-6.6593e-02	-
	1.7018e+00							
8.6120e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6976e-01	1.3221e+00	-1.7083e-01	-
	1.6342e+00							

Shell n. 102

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
130	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9700e-01	1.3787e+00	-1.7072e-01	-
5.9959e-02	8.5462e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.1421e-01	1.3430e+00	-1.4319e-01	-
8.0155e-02	7.8175e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.3726e-02	2.4383e+00	-4.2535e-02	-
5.6946e-02	1.7129e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	3.2303e-02	2.3705e+00	-1.7353e-01	-
4.2227e-02	1.6392e+00							
155	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.1003e-01	8.3804e-01	3.3730e-01	-
5.4622e-02	8.5462e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.1387e-01	8.4848e-01	3.6059e-01	-
7.3682e-02	7.8175e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3815e-01	1.3581e+00	7.8554e-01	-
5.6267e-02	1.7129e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.0637e-01	1.3342e+00	5.1652e-01	-
3.5400e-02	1.6392e+00							
131	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2506e-01	7.5408e-01	-1.5869e-01	-
5.9959e-02	8.4928e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.5482e-01	7.2122e-01	-1.3489e-01	-
8.0155e-02	7.7528e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6667e-03	1.4284e+00	8.8336e-02	-
5.6946e-02	1.7122e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.1046e-02	1.3455e+00	-1.5603e-01	-
4.2227e-02	1.6324e+00							
156	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.5365e-01	2.2895e-01	3.4933e-01	-
5.4622e-02	8.4928e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6948e-01	2.4175e-01	3.6889e-01	-
7.3682e-02	7.7528e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.8257e-01	3.6621e-01	9.1641e-01	-
5.6267e-02	1.7122e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.4367e-01	3.3533e-01	5.5608e-01	-
3.5400e-02	1.6324e+00							

Shell n. 103

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
131	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4752e-01	7.4934e-01	3.6334e-01	-
3.3307e-02	8.4938e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7617e-01	7.1537e-01	3.8416e-01	-
5.3179e-02	7.7573e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.1603e-01	1.4277e+00	1.0390e+00	-
5.6335e-03	1.7068e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.6640e-02	1.3411e+00	5.8580e-01	-
4.6950e-03	1.6311e+00							

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156	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2569e-01	2.3479e-01	-1.6654e-01	-
1.1530e-02	8.4938e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.3933e-01	2.4937e-01	-1.4402e-01	-
2.4038e-02	7.7573e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7023e-01	3.8670e-01	-2.3082e-02	-
4.9626e-03	1.7068e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9014e-01	3.4089e-01	-1.6625e-01	-
1.6180e-02	1.6311e+00							
	132	1	0.0000e+00	0.0000e+00	-2.7152e-01	1.3924e+00	3.3293e-01	-
3.3307e-02	8.2761e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.1048e-01	1.3546e+00	3.4913e-01	-
5.3179e-02	7.4659e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.3954e-01	2.7256e+00	8.8770e-01	-
5.6335e-03	1.6962e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.6612e-02	2.4250e+00	5.3919e-01	-
4.6950e-03	1.6196e+00							
	157	1	0.0000e+00	0.0000e+00	-3.2973e-01	8.5800e-01	-1.9695e-01	-
1.1530e-02	8.2761e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5332e-01	8.6835e-01	-1.7904e-01	-
2.4038e-02	7.4659e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4714e-01	1.6380e+00	-1.7434e-01	-
4.9626e-03	1.6962e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6712e-01	1.3918e+00	-1.9573e-01	-
1.6180e-02	1.6196e+00							

Shell n. 104

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
132	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4012e-01	1.3931e+00	-2.0084e-01	-
1.6695e-02	8.2908e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7587e-01	1.3549e+00	-1.8251e-01	-
2.2025e-02	7.4831e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.2605e-01	2.7493e+00	-1.5227e-01	-
2.2322e-02	1.7039e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.1583e-02	2.4284e+00	-1.9838e-01	-
1.2937e-02	1.6218e+00							
	157	1	0.0000e+00	0.0000e+00	-3.3137e-01	8.6333e-01	3.2975e-01	-
2.5616e-02	8.2908e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5327e-01	8.7493e-01	3.4558e-01	-
3.4147e-02	7.4831e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4450e-01	1.6680e+00	8.5175e-01	-
3.1903e-02	1.7039e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.7430e-01	1.3987e+00	5.3072e-01	-
1.8217e-02	1.6218e+00							
	133	1	0.0000e+00	0.0000e+00	-2.4499e-01	7.4527e-01	-2.0456e-01	-
1.6695e-02	8.3800e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8529e-01	7.0949e-01	-1.8971e-01	-
2.2025e-02	7.6043e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.2169e-01	1.5284e+00	-9.4101e-02	-
2.2322e-02	1.7135e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	2.5438e-02	1.3522e+00	-1.9896e-01	-
1.2937e-02	1.6256e+00							
	158	1	0.0000e+00	0.0000e+00	-3.5297e-01	2.3222e-01	3.2603e-01	-
2.5616e-02	8.3800e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.7898e-01	2.4574e-01	3.3838e-01	-
3.4147e-02	7.6043e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7406e-01	4.7213e-01	9.0992e-01	-
3.1903e-02	1.7135e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9858e-01	3.5061e-01	5.3677e-01	-
1.8217e-02	1.6256e+00							

Shell n. 105

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
133	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4776e-01	7.4483e-01	3.3354e-01	-
5.0058e-03	8.3800e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8593e-01	7.0902e-01	3.4618e-01	-
1.4456e-02	7.6055e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.7950e-02	1.5280e+00	1.0058e+00	-
2.3316e-02	1.7094e+00							

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158	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3689e-01	2.3533e-01	-2.0571e-01	
1.0230e-02	8.3800e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6079e-01	2.4971e-01	-1.9117e-01	
6.0034e-03	7.6055e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4049e-02	4.8374e-01	-1.7732e-01	
2.7186e-02	1.7094e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6859e-01	3.5396e-01	-2.0219e-01	
2.8425e-02	1.6250e+00							
134	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5607e-01	1.4023e+00	3.1314e-01	-
5.0058e-03	8.2276e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.9863e-01	1.3635e+00	3.2212e-01	-
1.4456e-02	7.4009e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.9925e-02	2.9749e+00	8.6827e-01	
2.3316e-02	1.7056e+00							
159	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2531e-01	8.7294e-01	-2.2611e-01	
1.0230e-02	8.2276e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5337e-01	8.8409e-01	-2.1523e-01	
6.0034e-03	7.4009e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.5669e-03	1.8830e+00	-3.1480e-01	
2.7186e-02	1.7056e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3643e-01	1.4332e+00	-2.2299e-01	
2.8425e-02	1.6179e+00							

Shell n. 106

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
134	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4028e-01	1.4033e+00	-2.2972e-01	-
1.0003e-03	8.2333e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8068e-01	1.3646e+00	-2.1870e-01	
4.2255e-04	7.4074e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.4566e-01	2.9849e+00	-2.8933e-01	-
1.2461e-02	1.7090e+00							
159	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2246e-01	8.7564e-01	3.0952e-01	-
1.3252e-02	8.2333e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.4897e-01	8.8742e-01	3.1840e-01	-
1.6038e-02	7.4074e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.7920e-03	1.8960e+00	8.2731e-01	-
2.3537e-02	1.7090e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3613e-01	1.4368e+00	5.1281e-01	-
1.1035e-02	1.6189e+00							
135	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3589e-01	7.4639e-01	-2.4017e-01	-
1.0003e-03	8.3558e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7686e-01	7.1031e-01	-2.3246e-01	
4.2255e-04	7.5720e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.5083e-01	1.6260e+00	-3.3664e-01	-
1.2461e-02	1.7201e+00							
160	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3576e-01	2.3638e-01	2.9908e-01	-
1.3252e-02	8.3558e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6256e-01	2.5049e-01	3.0464e-01	-
1.6038e-02	7.5720e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.2896e-02	5.6995e-01	7.8000e-01	-
2.3537e-02	1.7201e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5813e-01	3.6335e-01	5.0122e-01	-
1.1035e-02	1.6249e+00							

Shell n. 107

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
135	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3498e-01	7.4660e-01	3.0395e-01	
1.8886e-03	8.3559e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7464e-01	7.1061e-01	3.0960e-01	-
3.4492e-03	7.5725e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.1961e-01	1.6260e+00	8.2823e-01	
2.5668e-02	1.7186e+00							
160	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2822e-01	2.3786e-01	-2.3862e-01	
1.5630e-02	8.3559e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5382e-01	2.5238e-01	-2.3100e-01	
1.5006e-02	7.5725e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.3745e-02	5.7506e-01	-3.7143e-01	
3.1492e-02	1.7186e+00							

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136	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3917e-01	1.4085e+00	2.8738e-01	
1.8886e-03		8.2185e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8073e-01	1.3698e+00	2.8967e-01	-
3.4492e-03		7.3880e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.1523e-01	3.0917e+00	7.0275e-01	
2.5668e-02		1.7128e+00						
161	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.1307e-01	8.8051e-01	-2.5520e-01	
1.5630e-02		8.2185e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.4051e-01	8.9225e-01	-2.5093e-01	
1.5006e-02		7.3880e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.3885e-02	1.9962e+00	-4.9691e-01	
3.1492e-02		1.7128e+00						

Shell n. 108

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
136	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3435e-01	1.4089e+00	-2.5880e-01	-
4.9950e-05		8.2200e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7518e-01	1.3703e+00	-2.5447e-01	
3.7503e-03		7.3898e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.5118e-01	3.0948e+00	-4.9461e-01	-
1.8056e-02		1.7139e+00						
161	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.1165e-01	8.8137e-01	2.8369e-01	-
1.3185e-02		8.2200e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.3849e-01	8.9332e-01	2.8597e-01	-
1.3882e-02		7.3898e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.4280e-02	2.0004e+00	6.8432e-01	-
2.6735e-02		1.7139e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1237e-01	1.4549e+00	4.7737e-01	-
1.2408e-02		1.6186e+00						
137	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2921e-01	7.4774e-01	-2.7285e-01	-
4.9950e-05		8.3514e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6912e-01	7.1181e-01	-2.7183e-01	-
3.7503e-03		7.5661e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.5685e-01	1.6574e+00	-5.9288e-01	-
1.8056e-02		1.7226e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	5.3232e-02	1.3674e+00	-2.6899e-01	-
3.5580e-03		1.6249e+00						
162	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2506e-01	2.3871e-01	2.6963e-01	-
1.3185e-02		8.3514e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5088e-01	2.5325e-01	2.6861e-01	-
1.3882e-02		7.5661e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.0596e-02	6.0228e-01	5.8604e-01	-
2.6735e-02		1.7226e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3853e-01	3.6869e-01	4.5547e-01	-
1.2408e-02		1.6249e+00						

Shell n. 109

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
137	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2921e-01	7.4774e-01	2.7285e-01	
4.9950e-05		8.3514e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6912e-01	7.1181e-01	2.7183e-01	-
3.7503e-03		7.5661e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.5685e-01	1.6574e+00	5.9288e-01	
1.8056e-02		1.7226e+00						
162	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2506e-01	2.3871e-01	-2.6963e-01	
1.3185e-02		8.3514e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5088e-01	2.5325e-01	-2.6861e-01	
1.3882e-02		7.5661e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	4.0596e-02	6.0228e-01	-5.8604e-01	
2.6735e-02		1.7226e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3853e-01	3.6869e-01	-2.6582e-01	
1.9951e-02		1.6249e+00						
138	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3435e-01	1.4089e+00	2.5880e-01	
4.9950e-05		8.2200e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7518e-01	1.3703e+00	2.5447e-01	-
3.7503e-03		7.3898e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.5118e-01	3.0948e+00	4.9461e-01	
1.8056e-02		1.7139e+00						

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1.3185e-02	163	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.1165e-01	8.8137e-01	-2.8369e-01
			8.2200e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-4.3849e-01	8.9332e-01	-2.8597e-01
1.3882e-02			7.3898e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	7.4280e-02	2.0004e+00	-6.8432e-01
2.6735e-02			1.7139e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1237e-01	1.4549e+00	-2.7986e-01
1.9951e-02			1.6186e+00					

Shell n. 110								
	Nodo	comb	S11	S22	S12	M11	M22	M12
T11		T22						
1.8886e-03	138	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3917e-01	1.4085e+00	-2.8738e-01
			8.2185e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8073e-01	1.3698e+00	-2.8967e-01
3.4492e-03			7.3880e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	1.1523e-01	3.0917e+00	-7.0275e-01
2.5668e-02			1.7128e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	3.9055e-02	2.4842e+00	-2.8378e-01
6.4560e-03			1.6183e+00					
1.5630e-02	163	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.1307e-01	8.8051e-01	2.5520e-01
			8.2185e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-4.4051e-01	8.9225e-01	2.5093e-01
1.5006e-02			7.3880e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	7.3885e-02	1.9962e+00	4.9691e-01
3.1492e-02			1.7128e+00					
1.8886e-03	139	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3498e-01	7.4660e-01	-3.0395e-01
			8.3559e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7464e-01	7.1061e-01	-3.0960e-01
3.4492e-03			7.5725e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	1.1961e-01	1.6260e+00	-8.2823e-01
2.5668e-02			1.7186e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	4.0191e-02	1.3630e+00	-3.0089e-01
6.4560e-03			1.6247e+00					
1.5630e-02	164	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2822e-01	2.3786e-01	2.3862e-01
			8.3559e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5382e-01	2.5238e-01	2.3100e-01
1.5006e-02			7.5725e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	3.3745e-02	5.7506e-01	3.7143e-01
3.1492e-02			1.7186e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.4439e-01	3.6501e-01	4.0535e-01
1.5622e-02			1.6247e+00					

Shell n. 111								
	Nodo	comb	S11	S22	S12	M11	M22	M12
T11		T22						
1.0003e-03	139	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3589e-01	7.4639e-01	2.4017e-01
			8.3558e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7686e-01	7.1031e-01	2.3246e-01
4.2255e-04			7.5720e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	1.5083e-01	1.6260e+00	3.3664e-01
1.2461e-02			1.7201e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	4.5321e-02	1.3629e+00	4.0450e-01
8.3080e-03			1.6249e+00					
1.3252e-02	164	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3576e-01	2.3638e-01	-2.9908e-01
			8.3558e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6256e-01	2.5049e-01	-3.0464e-01
1.6038e-02			7.5720e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	-2.2896e-02	5.6995e-01	-7.8000e-01
2.3537e-02			1.7201e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5814e-01	3.6335e-01	-2.9506e-01
1.4350e-02			1.6249e+00					
1.0003e-03	140	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4028e-01	1.4033e+00	2.2972e-01
			8.2333e-01					
		2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8068e-01	1.3646e+00	2.1870e-01
4.2255e-04			7.4074e-01					
		3	0.0000e+00	0.0000e+00	0.0000e+00	1.4566e-01	2.9849e+00	2.8933e-01
1.2461e-02			1.7090e+00					
		4	0.0000e+00	0.0000e+00	0.0000e+00	3.7482e-02	2.4663e+00	3.9292e-01
8.3080e-03			1.6189e+00					

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1.3252e-02	165	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2246e-01	8.7564e-01	-3.0952e-01
1.6038e-02		2	8.2333e-01	0.0000e+00	0.0000e+00	-4.4897e-01	8.8742e-01	-3.1840e-01
2.3537e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	4.7920e-03	1.8960e+00	-8.2731e-01
1.4350e-02		4	1.7090e+00	0.0000e+00	0.0000e+00	-1.3613e-01	1.4368e+00	-3.0430e-01
			1.6189e+00					

Shell n. 112								
T11	Nodo	comb	S11	S22	S12	M11	M22	M12
		T22						
5.0058e-03	140	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5607e-01	1.4023e+00	-3.1314e-01
1.4456e-02		2	8.2276e-01	0.0000e+00	0.0000e+00	-3.9863e-01	1.3635e+00	-3.2212e-01
2.3316e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	2.9925e-02	2.9749e+00	-8.6827e-01
2.7480e-03		4	1.7056e+00	0.0000e+00	0.0000e+00	8.1510e-03	2.4640e+00	-3.0868e-01
1.0230e-02	165	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2531e-01	8.7294e-01	2.2611e-01
6.0034e-03		2	8.2276e-01	0.0000e+00	0.0000e+00	-4.5337e-01	8.8409e-01	2.1523e-01
2.7186e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	5.5669e-03	1.8830e+00	3.1480e-01
1.2890e-02		4	1.7056e+00	0.0000e+00	0.0000e+00	-1.3643e-01	1.4332e+00	3.8917e-01
5.0058e-03	141	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4776e-01	7.4483e-01	-3.3354e-01
1.4456e-02		2	8.3800e-01	0.0000e+00	0.0000e+00	-3.8593e-01	7.0902e-01	-3.4618e-01
2.3316e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	3.7950e-02	1.5280e+00	-1.0058e+00
2.7480e-03		4	1.7094e+00	0.0000e+00	0.0000e+00	9.1860e-03	1.3516e+00	-3.2942e-01
1.0230e-02	166	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3689e-01	2.3533e-01	2.0571e-01
6.0034e-03		2	8.3800e-01	0.0000e+00	0.0000e+00	-4.6079e-01	2.4971e-01	1.9117e-01
2.7186e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-3.4049e-02	4.8374e-01	1.7732e-01
1.2890e-02		4	1.7094e+00	0.0000e+00	0.0000e+00	-1.6860e-01	3.5396e-01	3.5490e-01
			1.6250e+00					

Shell n. 113								
T11	Nodo	comb	S11	S22	S12	M11	M22	M12
		T22						
1.6695e-02	141	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4499e-01	7.4527e-01	2.0456e-01
2.2025e-02		2	8.3800e-01	0.0000e+00	0.0000e+00	-3.8529e-01	7.0949e-01	1.8971e-01
2.2322e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	1.2169e-01	1.5284e+00	9.4101e-02
1.4429e-02		4	1.7135e+00	0.0000e+00	0.0000e+00	2.5434e-02	1.3522e+00	3.4664e-01
2.5616e-02	166	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.5297e-01	2.3222e-01	-3.2603e-01
3.4147e-02		2	8.3800e-01	0.0000e+00	0.0000e+00	-4.7898e-01	2.4574e-01	-3.3838e-01
3.1903e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7406e-01	4.7213e-01	-9.0992e-01
1.8874e-02		4	1.7135e+00	0.0000e+00	0.0000e+00	-1.9858e-01	3.5061e-01	-3.2004e-01
1.6695e-02	142	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4012e-01	1.3931e+00	2.0084e-01
2.2025e-02		2	8.2908e-01	0.0000e+00	0.0000e+00	-3.7587e-01	1.3549e+00	1.8251e-01
2.2322e-02		3	0.0000e+00	0.0000e+00	0.0000e+00	1.2605e-01	2.7493e+00	1.5227e-01
			1.7039e+00					

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1.4429e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	2.1578e-02	2.4284e+00	3.5266e-01
	167	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3137e-01	8.6333e-01
2.5616e-02	8.2908e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5327e-01	8.7493e-01
3.4147e-02	7.4831e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4450e-01	1.6680e+00
3.1903e-02	1.7039e+00	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.7430e-01	1.3987e+00
1.8874e-02	1.6218e+00						

Shell n. 114

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
142	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.7152e-01	1.3924e+00	-3.3293e-01
3.3307e-02	8.2761e-01	2	0.0000e+00	0.0000e+00	-4.1048e-01	1.3546e+00	-3.4913e-01
5.3179e-02	7.4659e-01	3	0.0000e+00	0.0000e+00	-1.3954e-01	2.7256e+00	-8.8770e-01
5.6335e-03	1.6962e+00	4	0.0000e+00	0.0000e+00	-3.6610e-02	2.4250e+00	-3.2492e-01
1.7131e-02	1.6196e+00	167	1	0.0000e+00	0.0000e+00	-3.2973e-01	8.5800e-01
1.1530e-02	8.2761e-01	2	0.0000e+00	0.0000e+00	-4.5332e-01	8.6835e-01	1.7904e-01
2.4038e-02	7.4659e-01	3	0.0000e+00	0.0000e+00	-1.4714e-01	1.6380e+00	1.7434e-01
4.9626e-03	1.6962e+00	4	0.0000e+00	0.0000e+00	-1.6712e-01	1.3919e+00	3.4922e-01
2.2710e-03	1.6196e+00	143	1	0.0000e+00	0.0000e+00	-2.4752e-01	7.4934e-01
3.3307e-02	8.4938e-01	2	0.0000e+00	0.0000e+00	-3.7617e-01	7.1537e-01	-3.8416e-01
5.3179e-02	7.7573e-01	3	0.0000e+00	0.0000e+00	-1.1603e-01	1.4277e+00	-1.0390e+00
5.6335e-03	1.7068e+00	4	0.0000e+00	0.0000e+00	-2.6638e-02	1.3411e+00	-3.5433e-01
1.7131e-02	1.6311e+00	168	1	0.0000e+00	0.0000e+00	-3.2569e-01	2.3479e-01
1.1530e-02	8.4938e-01	2	0.0000e+00	0.0000e+00	-4.3933e-01	2.4937e-01	1.4402e-01
2.4038e-02	7.7573e-01	3	0.0000e+00	0.0000e+00	-1.7023e-01	3.8670e-01	2.3082e-02
4.9626e-03	1.7068e+00	4	0.0000e+00	0.0000e+00	-1.9014e-01	3.4089e-01	3.0270e-01
2.2710e-03	1.6311e+00						

Shell n. 115

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
143	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.2506e-01	7.5408e-01	1.5869e-01
5.9959e-02	8.4928e-01	2	0.0000e+00	0.0000e+00	-3.5482e-01	7.2122e-01	1.3489e-01
8.0155e-02	7.7528e-01	3	0.0000e+00	0.0000e+00	-2.6667e-03	1.4284e+00	-8.8336e-02
5.6946e-02	1.7122e+00	4	0.0000e+00	0.0000e+00	2.1048e-02	1.3455e+00	2.8324e-01
4.3888e-02	1.6324e+00	168	1	0.0000e+00	0.0000e+00	-3.5365e-01	2.2895e-01
5.4622e-02	8.4928e-01	2	0.0000e+00	0.0000e+00	-4.6948e-01	2.4175e-01	-3.6889e-01
7.3682e-02	7.7528e-01	3	0.0000e+00	0.0000e+00	-3.8257e-01	3.6621e-01	-9.1641e-01
5.6267e-02	1.7122e+00	4	0.0000e+00	0.0000e+00	-2.4367e-01	3.3533e-01	-3.3822e-01
3.9251e-02	1.6324e+00	144	1	0.0000e+00	0.0000e+00	-1.9700e-01	1.3787e+00
5.9959e-02	8.5462e-01	2	0.0000e+00	0.0000e+00	-3.1421e-01	1.3430e+00	1.4319e-01
8.0155e-02	7.8175e-01						

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5.6946e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	2.3726e-02	2.4383e+00	4.2535e-02
		1.7129e+00					
4.3888e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	3.2305e-02	2.3705e+00	3.2270e-01
		1.6392e+00					
5.4622e-02	169	1	0.0000e+00	0.0000e+00	-3.1003e-01	8.3804e-01	-3.3730e-01
			8.5462e-01				
7.3682e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.1387e-01	8.4848e-01	-3.6059e-01
			7.8175e-01				
5.6267e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3815e-01	1.3581e+00	-7.8554e-01
			1.7129e+00				
3.9251e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.0637e-01	1.3342e+00	-3.2082e-01
			1.6392e+00				

Shell n. 116

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11	T22							
	144	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5375e-01	1.3825e+00	-3.4085e-01
9.0573e-02			8.5070e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.7254e-01	1.3490e+00	-3.6602e-01	
1.2925e-01			7.7717e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9497e-01	2.4169e+00	-8.2090e-01	
6.7906e-02			1.7018e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.6770e-02	2.3681e+00	-3.2462e-01	
5.9011e-02			1.6342e+00					
	169	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.8810e-01	8.2729e-01	1.6760e-01
4.6684e-02			8.5070e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.9261e-01	8.3502e-01	1.4201e-01	
7.0695e-02			7.7717e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1046e-01	1.3213e+00	6.6593e-02	
3.1965e-02			1.7018e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6976e-01	1.3221e+00	3.1695e-01	
2.8025e-02			1.6342e+00					
	145	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0136e-01	7.7146e-01	-3.9513e-01
9.0573e-02			8.9459e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.0035e-01	7.4221e-01	-4.2515e-01	
1.2925e-01			8.3573e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.4385e-01	1.3382e+00	-9.7034e-01	
6.7906e-02			1.7378e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-4.7551e-02	1.3488e+00	-3.7592e-01	
5.9011e-02			1.6610e+00					
	170	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5464e-01	2.3500e-01	1.1333e-01
4.6684e-02			8.9459e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.3973e-01	2.4731e-01	8.2889e-02	
7.0695e-02			8.3573e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9910e-01	2.8223e-01	-8.2845e-02	
3.1965e-02			1.7378e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.7140e-01	3.3359e-01	2.3594e-01	
2.8025e-02			1.6610e+00					

Shell n. 117

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11	T22							
	145	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1201e-01	7.8990e-01	8.7244e-02
1.2525e-01			8.9441e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.0719e-01	7.6517e-01	5.2412e-02	
1.6623e-01			8.3457e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.9446e-02	1.3588e+00	-2.1101e-01	
1.1750e-01			1.7433e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	9.4568e-02	1.3656e+00	1.9463e-01	
9.1791e-02			1.6640e+00					
	170	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.0881e-01	2.2360e-01	-3.6343e-01
8.1289e-02			8.9441e-01					
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.9460e-01	2.3201e-01	-3.8907e-01	
1.0942e-01			8.3457e-01					
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0555e-01	2.6324e-01	-8.3308e-01	
7.9196e-02			1.7433e+00					
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.4090e-01	3.2492e-01	-3.4442e-01	
5.8385e-02			1.6640e+00					
	146	1	0.0000e+00	0.0000e+00	0.0000e+00	-5.4260e-02	1.3506e+00	1.5018e-01
1.2525e-01			9.3836e-01					

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1.6623e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.2754e-01	1.3189e+00	1.1332e-01
	8.9137e-01						
1.1750e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	2.5202e-02	2.1246e+00	-3.3923e-03
	1.7816e+00						
9.1791e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2749e-01	2.2822e+00	3.1619e-01
	1.7001e+00						
8.1289e-02	171	1	0.0000e+00	0.0000e+00	-2.3737e-01	7.7048e-01	-3.0050e-01
	9.3836e-01						
1.0942e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.0183e-01	7.7244e-01	-3.2816e-01
	8.9137e-01						
7.9196e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.3716e-01	1.0152e+00	-6.2546e-01
	1.7816e+00						
5.8385e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8730e-01	1.2186e+00	-2.7725e-01
	1.7001e+00						

Shell n. 118

T11	Nodo	comb	S11	S22	S12	M11	M22	M12
		T22						
1.3035e-01	146	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.7684e-01	1.3629e+00	-3.0512e-01
	9.2891e-01							
1.8125e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.4229e-01	1.3376e+00	-3.3902e-01	
	8.8065e-01							
1.1257e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8036e-01	2.1232e+00	-6.6158e-01	
	1.7661e+00							
8.8918e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.1231e-01	2.2816e+00	-2.7851e-01	
	1.6879e+00							
5.8744e-02	171	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4560e-01	7.5208e-01	1.4918e-01
	9.2891e-01							
8.4753e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.0965e-01	7.4918e-01	1.1863e-01	
	8.8065e-01							
4.7974e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8894e-01	9.8504e-01	2.4589e-02	
	1.7661e+00							
3.8252e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.1581e-02	1.2003e+00	3.0073e-01	
	1.6879e+00							
1.3035e-01	147	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.1027e-01	8.2208e-01	-4.2532e-01
	1.0005e+00							
1.8125e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.5153e-01	7.9757e-01	-4.5654e-01	
	9.7714e-01							
1.1257e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1680e-01	1.2965e+00	-8.3040e-01	
	1.8307e+00							
8.8918e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.2448e-02	1.4049e+00	-3.9649e-01	
	1.7316e+00							
5.8744e-02	172	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.3889e-02	2.2595e-01	2.8981e-02
	1.0005e+00							
8.4753e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3402e-01	2.2394e-01	1.1052e-03	
	9.7714e-01							
4.7974e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5208e-01	1.8477e-01	-1.4423e-01	
	1.8307e+00							
3.8252e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.5612e-02	3.4738e-01	9.8953e-02	
	1.7316e+00							

Shell n. 119

T11	Nodo	comb	S11	S22	S12	M11	M22	M12
		T22						
1.0801e-01	147	1	0.0000e+00	0.0000e+00	0.0000e+00	1.9636e-01	8.6148e-01	-4.7120e-02
	1.0061e+00							
1.4142e-01	2	0.0000e+00	0.0000e+00	0.0000e+00	1.6353e-01	8.4408e-01	-8.2126e-02	
	9.8133e-01							
1.0295e-01	3	0.0000e+00	0.0000e+00	0.0000e+00	2.4933e-01	1.3480e+00	-3.0366e-01	
	1.8413e+00							
8.1760e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	3.9798e-01	1.4483e+00	-1.1105e-02	
	1.7445e+00							
5.4180e-02	172	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3427e-01	2.1980e-01	-3.4528e-01
	1.0061e+00							
7.3009e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.6998e-01	2.1325e-01	-3.6935e-01	
	9.8133e-01							
5.2047e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.5690e-01	1.8553e-01	-6.6491e-01	
	1.8413e+00							
3.8813e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.0664e-01	3.4975e-01	-3.2174e-01	
	1.7445e+00							

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148	1	0.0000e+00	0.0000e+00	0.0000e+00	2.4266e-01	1.2340e+00	2.0053e-01
1.0801e-01	1.0599e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	2.2630e-01	1.2066e+00	1.6984e-01
1.4142e-01	1.0497e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.9264e-01	1.7965e+00	8.6257e-02
1.0295e-01	1.8922e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	4.2721e-01	2.0605e+00	3.7800e-01
8.1760e-02	1.7915e+00						
	173	1	0.0000e+00	0.0000e+00	-1.7912e-01	5.8327e-01	-9.7630e-02
5.4180e-02	1.0599e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.9861e-01	5.6695e-01	-1.1738e-01
7.3009e-02	1.0497e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.0324e-01	6.2352e-01	-2.7499e-01
5.2047e-02	1.8922e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6513e-01	9.4731e-01	-8.5961e-02
3.8813e-02	1.7915e+00						

Shell n. 120

Nodo	comb	S11	S22	S12	M11	M22	M12
T11	T22						
148	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.3460e-01	1.2160e+00	-4.8820e-02
4.5270e-02	1.0401e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.3782e-01	1.1942e+00	-7.6269e-02
6.1440e-02	1.0292e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3222e-01	1.7781e+00	-2.5885e-01
4.2414e-02	1.8649e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2256e-01	2.0181e+00	-2.7908e-02
3.1757e-02	1.7616e+00						
	173	1	0.0000e+00	0.0000e+00	5.3916e-02	5.5234e-01	1.4928e-01
6.3005e-03	1.0401e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	3.9391e-02	5.3416e-01	1.2638e-01
1.2024e-02	1.0292e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.9564e-03	5.9834e-01	6.7235e-02
1.4675e-03	1.8649e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.1489e-01	9.0455e-01	2.8265e-01
2.1260e-03	1.7616e+00						
	149	1	0.0000e+00	0.0000e+00	-2.1749e-01	9.8058e-01	-3.9862e-01
4.5270e-02	1.0790e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.1397e-01	9.5474e-01	-4.1614e-01
6.1440e-02	1.0786e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1800e-01	1.3891e+00	-7.3466e-01
4.2414e-02	1.9059e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1100e-01	1.6441e+00	-3.7761e-01
3.1757e-02	1.7934e+00						
	174	1	0.0000e+00	0.0000e+00	6.9064e-02	3.1873e-01	-2.0052e-01
6.3005e-03	1.0790e+00						
	2	0.0000e+00	0.0000e+00	0.0000e+00	6.1494e-02	2.9633e-01	-2.1350e-01
1.2024e-02	1.0786e+00						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.7179e-02	2.1016e-01	-4.0858e-01
1.4675e-03	1.9059e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.1966e-01	5.3397e-01	-1.8887e-01
2.1260e-03	1.7934e+00						

Shell n. 121

Nodo	comb	S11	S22	S12	M11	M22	M12
T11	T22						
150	1	0.0000e+00	0.0000e+00	0.0000e+00	7.7336e-02	5.4169e-01	-1.1718e-02
1.5629e-02	6.5230e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	7.3433e-02	5.4682e-01	4.6865e-03
2.1827e-02	6.7796e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.6270e-02	7.5837e-01	1.0658e-01
1.4465e-02	1.0731e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2929e-01	8.4744e-01	-1.6479e-02
8.1700e-03	9.8900e-01						
	175	1	0.0000e+00	0.0000e+00	-1.6151e-01	-2.6986e-02	8.4329e-02
7.0106e-03	6.5230e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.7479e-01	-4.3431e-02	9.3285e-02
1.0336e-02	6.7796e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2543e-01	-1.7906e-01	1.9357e-01
6.4814e-03	1.0731e+00						

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2.2270e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.4968e-01	-1.6283e-02	1.2011e-01	-
	9.8900e-01							
151	1	0.0000e+00	0.0000e+00	0.0000e+00	7.1281e-02	4.5757e-01	6.3531e-02	-
1.5629e-02	6.4614e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	6.4414e-02	4.6848e-01	8.2963e-02	-
2.1827e-02	6.6975e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	7.1229e-02	6.8195e-01	2.3525e-01	-
1.4465e-02	1.0674e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2765e-01	7.0312e-01	6.8203e-02	-
8.1700e-03	9.8476e-01							
176	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6962e-01	-1.1037e-01	1.5958e-01	-
7.0106e-03	6.4614e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.8590e-01	-1.2102e-01	1.7156e-01	-
1.0336e-02	6.6975e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3350e-01	-2.5441e-01	3.2224e-01	-
6.4814e-03	1.0674e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5541e-01	-1.0269e-01	2.3488e-01	-
2.2270e-03	9.8476e-01							

Shell n. 122

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
151	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6631e-01	4.2622e-01	2.4978e-01	-
4.2858e-02	6.4034e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.8506e-01	4.3270e-01	2.6833e-01	-
6.2667e-02	6.6469e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3844e-01	6.2216e-01	4.9067e-01	-
3.5344e-02	1.0595e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5146e-01	6.6287e-01	3.6731e-01	-
1.4124e-02	9.7353e-01							
176	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.8066e-01	-1.2874e-01	-2.6159e-02	-
2.7516e-02	6.4034e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.1460e-01	-1.4088e-01	-1.3258e-02	-
3.8887e-02	6.6469e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.5313e-01	-3.0048e-01	6.7940e-02	-
2.5562e-02	1.0595e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5800e-01	-1.2003e-01	-2.9155e-02	-
1.3102e-02	9.7353e-01							
152	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9062e-01	6.5915e-01	1.9094e-01	-
4.2858e-02	6.2938e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.1931e-01	6.6859e-01	2.1621e-01	-
6.2667e-02	6.4770e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.6258e-01	9.8251e-01	4.4610e-01	-
3.5344e-02	1.0525e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6800e-01	1.0319e+00	2.5877e-01	-
1.4124e-02	9.7280e-01							
177	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0040e-01	1.0264e-01	-8.4996e-02	-
2.7516e-02	6.2938e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.4392e-01	9.3343e-02	-6.5375e-02	-
3.8887e-02	6.4770e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.6712e-01	5.6362e-02	2.3366e-02	-
2.5562e-02	1.0525e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.7020e-01	1.7881e-01	-8.8762e-02	-
1.3102e-02	9.7280e-01							

Shell n. 123

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
152	1	0.0000e+00	0.0000e+00	0.0000e+00	-9.9299e-02	6.5176e-01	-1.1838e-01	-
8.1907e-02	6.3862e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.4209e-01	6.5656e-01	-9.0547e-02	-
1.0895e-01	6.5759e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1697e-01	9.7509e-01	-1.0402e-02	-
7.9327e-02	1.0657e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2572e-02	1.0331e+00	-1.2577e-01	-
5.6842e-02	9.8597e-01							
177	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.1027e-01	1.0632e-01	2.2323e-01	-
3.6905e-02	6.3862e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6067e-01	9.7466e-02	2.4031e-01	-
5.4803e-02	6.5759e-01							

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3.2189e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.4509e-01	5.7314e-02	4.7854e-01	-
	1.0657e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7119e-01	1.8367e-01	3.3111e-01	-
1.0288e-02	9.8597e-01							
	153	1	0.0000e+00	0.0000e+00	-1.3524e-01	3.5100e-01	-5.6818e-02	-
8.1907e-02	6.0647e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.9242e-01	3.6231e-01	-2.6280e-02	-
1.0895e-01	6.1892e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5313e-01	5.4935e-01	1.3457e-01	-
7.9327e-02	1.0320e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.1125e-02	5.3286e-01	-6.6143e-02	-
5.6842e-02	9.5272e-01							
	178	1	0.0000e+00	0.0000e+00	-3.4871e-01	-1.9348e-01	2.8479e-01	-
3.6905e-02	6.0647e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.1285e-01	-1.9602e-01	3.0457e-01	-
5.4803e-02	6.1892e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.7874e-01	-3.6920e-01	6.2351e-01	-
3.2189e-02	1.0320e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.9839e-01	-1.8758e-01	4.2948e-01	-
1.0288e-02	9.5272e-01							

Shell n. 124

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11	T22							
	153	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.4744e-01	3.3339e-01	3.4324e-01
6.1471e-02	6.0476e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.1434e-01	3.4066e-01	3.6994e-01	-
9.0492e-02	6.1797e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.1051e-01	5.3389e-01	7.3894e-01	-
4.7588e-02	1.0264e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9397e-01	5.1682e-01	5.0872e-01	-
1.8258e-02	9.4763e-01							
	178	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.1289e-01	-1.9115e-01	-1.1419e-01
5.0679e-02	6.0476e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8171e-01	-1.9253e-01	-9.0584e-02	-
7.0745e-02	6.1797e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.5970e-01	-3.6141e-01	2.0992e-02	-
4.9425e-02	1.0264e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.5722e-01	-1.8570e-01	-1.1800e-01	-
2.6590e-02	9.4763e-01							
	154	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.8687e-01	7.2002e-01	3.1713e-01
6.1471e-02	5.9706e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6946e-01	7.2698e-01	3.4374e-01	-
9.0492e-02	6.0387e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.5169e-01	1.1471e+00	7.1449e-01	-
4.7588e-02	1.0277e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2107e-01	1.1458e+00	4.6863e-01	-
1.8258e-02	9.5358e-01							
	179	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4367e-01	1.9251e-01	-1.4030e-01
5.0679e-02	5.9706e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.2753e-01	1.9061e-01	-1.1678e-01	-
7.0745e-02	6.0387e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.7925e-01	2.4425e-01	-3.4545e-03	-
4.9425e-02	1.0277e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7610e-01	3.1137e-01	-1.4252e-01	-
2.6590e-02	9.5358e-01							

Shell n. 125

	Nodo	comb	S11	S22	S12	M11	M22	M12
T11	T22							
	154	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5878e-01	7.1395e-01	-1.4339e-01
7.2229e-02	6.0128e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4736e-01	7.1797e-01	-1.1438e-01	-
9.6703e-02	6.0873e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8104e-01	1.1598e+00	-2.2493e-02	-
7.2074e-02	1.0355e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6629e-01	1.1465e+00	-1.4970e-01	-
4.8858e-02	9.5892e-01							
	179	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.7624e-01	1.9768e-01	3.1854e-01
3.7949e-02	6.0128e-01							

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5.7036e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6276e-01	1.9699e-01	3.3967e-01	-
	6.0873e-01							
3.2563e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.7571e-01	2.6633e-01	7.3100e-01	-
	1.0355e+00							
8.7410e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0320e-01	3.1845e-01	4.8701e-01	-
	9.5892e-01							
7.2229e-02	155	1	0.0000e+00	0.0000e+00	-2.9154e-01	3.1042e-01	-1.3371e-01	-
	5.7680e-01							
9.6703e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.9413e-01	3.1860e-01	-1.0672e-01	-
	5.8040e-01							
7.2074e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1567e-01	5.0795e-01	4.5548e-02	-
	1.0073e+00							
4.8858e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8105e-01	4.7837e-01	-1.3683e-01	-
	9.3026e-01							
3.7949e-02	180	1	0.0000e+00	0.0000e+00	-4.1245e-01	-2.0457e-01	3.2822e-01	-
	5.7680e-01							
5.7036e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.1223e-01	-2.0135e-01	3.4733e-01	-
	5.8040e-01							
3.2563e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.0659e-01	-3.8678e-01	7.9904e-01	-
	1.0073e+00							
8.7410e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.2862e-01	-2.0186e-01	5.1431e-01	-
	9.3026e-01							

Shell n. 126

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
155	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2188e-01	3.0412e-01	3.5104e-01	-
3.0294e-02	5.7691e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.2739e-01	3.1053e-01	3.7413e-01	-
4.9568e-02	5.8095e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3786e-01	5.1548e-01	8.7398e-01	-
1.2867e-02	1.0031e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1996e-01	4.7466e-01	5.4530e-01	-
5.1620e-03	9.2884e-01							
180	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.9509e-01	-2.0087e-01	-1.5525e-01	-
3.5527e-02	5.7691e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.9582e-01	-1.9665e-01	-1.3225e-01	-
5.0822e-02	5.8095e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.3982e-01	-3.6540e-01	-2.7095e-02	-
3.6574e-02	1.0031e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0621e-01	-1.9838e-01	-1.5657e-01	-
1.5757e-02	9.2884e-01							
156	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4723e-01	7.3570e-01	3.3160e-01	-
3.0294e-02	5.8065e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6388e-01	7.4013e-01	3.5138e-01	-
4.9568e-02	5.8184e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.6671e-01	1.2895e+00	8.2151e-01	-
1.2867e-02	1.0201e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.3082e-01	1.1912e+00	5.2075e-01	-
5.1620e-03	9.4379e-01							
181	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1094e-01	2.2740e-01	-1.7469e-01	-
3.5527e-02	5.8065e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2218e-01	2.2943e-01	-1.5500e-01	-
5.0822e-02	5.8184e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.4192e-01	3.9932e-01	-7.9570e-02	-
3.6574e-02	1.0201e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.1387e-01	3.6898e-01	-1.7378e-01	-
1.5757e-02	9.4379e-01							

Shell n. 127

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
156	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2686e-01	7.3498e-01	-1.7682e-01	-
3.7398e-02	5.8240e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.4312e-01	7.3863e-01	-1.5502e-01	-
5.0013e-02	5.8391e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7120e-01	1.3138e+00	-1.0362e-01	-
4.2539e-02	1.0255e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8499e-01	1.1944e+00	-1.7749e-01	-
2.6129e-02	9.4598e-01							

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181	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1549e-01	2.3129e-01	3.3186e-01	-
1.5297e-02	5.8240e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2687e-01	2.3415e-01	3.4952e-01	-
2.6538e-02	5.8391e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.7961e-01	4.2659e-01	8.4216e-01	-
9.7618e-03	1.0255e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.1586e-01	3.7496e-01	5.2762e-01	-
6.0140e-03	9.4598e-01							
	157	0.0000e+00	0.0000e+00	0.0000e+00	-3.4117e-01	2.9482e-01	-1.8252e-01	-
3.7398e-02	5.6662e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6521e-01	3.0064e-01	-1.6391e-01	-
5.0013e-02	5.6714e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.8835e-01	5.0001e-01	-8.5470e-02	-
4.2539e-02	1.0021e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8741e-01	4.6272e-01	-1.8041e-01	-
2.6129e-02	9.2302e-01							
	182	0.0000e+00	0.0000e+00	0.0000e+00	-4.3416e-01	-2.0731e-01	3.2617e-01	-
1.5297e-02	5.6662e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.5270e-01	-2.0249e-01	3.4063e-01	-
2.6538e-02	5.6714e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.9520e-01	-3.8771e-01	8.6030e-01	-
9.7618e-03	1.0021e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.2877e-01	-2.0479e-01	5.2844e-01	-
6.0140e-03	9.2302e-01							

Shell n. 128

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
157	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4365e-01	2.9421e-01	3.3400e-01	-
3.9555e-04	5.6668e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6666e-01	2.9978e-01	3.4982e-01	-
8.1041e-03	5.6737e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7370e-01	5.1357e-01	9.1390e-01	-
1.9883e-02	9.9845e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9298e-01	4.6362e-01	5.4170e-01	-
2.4890e-02	9.2233e-01							
	182	0.0000e+00	0.0000e+00	0.0000e+00	-4.2060e-01	-2.0449e-01	-1.8900e-01	-
1.3244e-02	5.6668e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.3809e-01	-1.9900e-01	-1.7177e-01	-
2.0317e-02	5.6737e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3977e-01	-3.6726e-01	-1.3649e-01	-
1.7077e-02	9.9845e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.1229e-01	-2.0208e-01	-1.8712e-01	-
2.7410e-03	9.2233e-01							
	158	0.0000e+00	0.0000e+00	0.0000e+00	-3.5228e-01	7.4338e-01	3.1763e-01	-
3.9555e-04	5.7642e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.8039e-01	7.4685e-01	3.3001e-01	-
8.1041e-03	5.7610e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.8637e-01	1.4190e+00	8.3996e-01	-
1.9883e-02	1.0249e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9357e-01	1.2174e+00	5.1888e-01	-
2.4890e-02	9.4207e-01							
	183	0.0000e+00	0.0000e+00	0.0000e+00	-4.2002e-01	2.4145e-01	-2.0537e-01	-
1.3244e-02	5.7642e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.4215e-01	2.4468e-01	-1.9158e-01	-
2.0317e-02	5.7610e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.2534e-01	5.2866e-01	-2.1042e-01	-
1.7077e-02	1.0249e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0720e-01	3.9876e-01	-2.0247e-01	-
2.7410e-03	9.4207e-01							

Shell n. 129

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
158	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3751e-01	7.4455e-01	-2.0826e-01	-
1.5965e-02	5.7708e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6373e-01	7.4808e-01	-1.9393e-01	-
2.0226e-02	5.7687e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.3329e-02	1.4378e+00	-2.2316e-01	-
2.6424e-02	1.0278e+00							

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1.2721e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6534e-01	1.2206e+00	-2.0564e-01	-
	9.4298e-01							
1.9589e-03	183	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1600e-01	2.4405e-01	3.1855e-01
	5.7708e-01							
2.3287e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.3695e-01	2.4782e-01	3.3040e-01	-
	5.7687e-01							
7.3656e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6742e-01	5.4803e-01	8.4865e-01	-
	1.0278e+00							
1.4737e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0054e-01	4.0281e-01	5.2202e-01	-
	9.4298e-01							
1.5965e-02	159	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3922e-01	2.9111e-01	-2.1930e-01
	5.6428e-01							
2.0226e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6832e-01	2.9630e-01	-2.0821e-01	-
	5.6409e-01							
2.6424e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.7521e-02	5.1711e-01	-2.5982e-01	-
	1.0036e+00							
1.2721e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6083e-01	4.6098e-01	-2.1534e-01	-
	9.2170e-01							
1.9589e-03	184	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2305e-01	-2.0750e-01	3.0751e-01
	5.6428e-01							
2.3287e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.4648e-01	-2.0221e-01	3.1612e-01	-
	5.6409e-01							
7.3656e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7516e-01	-3.7135e-01	8.1198e-01	-
	1.0036e+00							
1.4737e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0541e-01	-2.0458e-01	5.0949e-01	-
	9.2170e-01							

Shell n. 130

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
159	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3581e-01	2.9181e-01	3.0986e-01
	5.6429e-01						
1.3229e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6337e-01	2.9715e-01	3.1874e-01
	5.6416e-01						
1.0507e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0438e-02	5.2545e-01	8.4620e-01
	1.0012e+00						
3.2584e-02	184	1	0.0000e+00	0.0000e+00	-4.1383e-01	-2.0568e-01	-2.2026e-01
	5.6429e-01						
2.8093e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.3593e-01	-1.9996e-01	-2.0947e-01
	5.6416e-01						
4.8208e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.1929e-02	-3.5962e-01	-2.9130e-01
	1.0012e+00						
8.1148e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.8776e-01	-2.0286e-01	-2.1693e-01
	9.2135e-01						
2.1600e-04	160	1	0.0000e+00	0.0000e+00	-3.3677e-01	7.4841e-01	2.9451e-01
	5.7574e-01						
1.3229e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6594e-01	7.5185e-01	3.0010e-01
	5.7511e-01						
1.0507e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.4514e-02	1.5063e+00	7.5234e-01
	1.0303e+00						
3.2584e-02	185	1	0.0000e+00	0.0000e+00	-4.0635e-01	2.4795e-01	-2.3562e-01
	5.7574e-01						
2.8093e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2980e-01	2.5169e-01	-2.2810e-01
	5.7511e-01						
4.8208e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.2536e-02	6.1295e-01	-3.8516e-01
	1.0303e+00						
8.1148e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7182e-01	4.1448e-01	-2.3209e-01
	9.4244e-01						

Shell n. 131

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
160	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2930e-01	7.4930e-01	-2.3791e-01
	5.7597e-01						
1.0814e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5724e-01	7.5289e-01	-2.3034e-01
	5.7537e-01						
1.1476e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	1.1890e-03	1.5147e+00	-3.8832e-01
	1.0313e+00						
2.4861e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.4301e-01	1.2345e+00	-2.3433e-01
	9.4279e-01						

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185	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.0265e-01	2.4929e-01	2.9481e-01	
6.1506e-03		5.7597e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2513e-01	2.5332e-01	3.0034e-01	
5.1071e-03		5.7537e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3238e-02	6.2149e-01	7.5106e-01	
1.1640e-02		1.0313e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.6613e-01	4.1653e-01	4.9224e-01	
1.2862e-02		9.4279e-01						
	161	0.0000e+00	0.0000e+00	0.0000e+00	-3.2757e-01	2.9119e-01	-2.5162e-01	-
1.0814e-02		5.6385e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5614e-01	2.9646e-01	-2.4731e-01	-
1.1476e-02		5.6353e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.1859e-03	5.3529e-01	-4.7066e-01	-
2.4861e-02		1.0053e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3881e-01	4.6240e-01	-2.4763e-01	-
1.0304e-02		9.2162e-01						
	186	0.0000e+00	0.0000e+00	0.0000e+00	-4.0730e-01	-2.0656e-01	2.8110e-01	
6.1506e-03		5.6385e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.3022e-01	-2.0093e-01	2.8337e-01	
5.1071e-03		5.6353e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.2512e-02	-3.5429e-01	6.6872e-01	
1.1640e-02		1.0053e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7271e-01	-2.0348e-01	4.7216e-01	
1.2862e-02		9.2162e-01						

Shell n. 132

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
	161	0.0000e+00	0.0000e+00	0.0000e+00	-3.2587e-01	2.9154e-01	2.8199e-01	
1.3365e-02		5.6385e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5383e-01	2.9689e-01	2.8427e-01	
1.2722e-02		5.6354e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	5.5441e-03	5.3798e-01	6.8021e-01	
3.0541e-02		1.0046e+00						
	186	0.0000e+00	0.0000e+00	0.0000e+00	-4.0406e-01	-2.0592e-01	-2.5112e-01	-
3.2766e-03		5.6385e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2644e-01	-2.0014e-01	-2.4683e-01	-
3.4035e-03		5.6354e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4256e-02	-3.5065e-01	-4.7935e-01	-
8.7859e-03		1.0046e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.6655e-01	-2.0289e-01	-2.4741e-01	-
3.2111e-03		9.2151e-01						
	162	0.0000e+00	0.0000e+00	0.0000e+00	-3.2644e-01	7.5051e-01	2.6705e-01	
1.3365e-02		5.7574e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5466e-01	7.5410e-01	2.6605e-01	
1.2722e-02		5.7506e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.6913e-03	1.5365e+00	5.8091e-01	
3.0541e-02		1.0327e+00						
	187	0.0000e+00	0.0000e+00	0.0000e+00	-3.9717e-01	2.5042e-01	-2.6605e-01	-
3.2766e-03		5.7574e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.1978e-01	2.5443e-01	-2.6505e-01	-
3.4035e-03		5.7506e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.2150e-03	6.4173e-01	-5.7864e-01	-
8.7859e-03		1.0327e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.5449e-01	4.2016e-01	-2.6231e-01	-
3.2111e-03		9.4279e-01						

Shell n. 133

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
	162	0.0000e+00	0.0000e+00	0.0000e+00	-3.2644e-01	7.5051e-01	-2.6705e-01	-
1.3365e-02		5.7574e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5466e-01	7.5410e-01	-2.6605e-01	-
1.2722e-02		5.7506e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	3.6913e-03	1.5365e+00	-5.8091e-01	-
3.0541e-02		1.0327e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3787e-01	1.2383e+00	-2.6329e-01	-
1.3635e-02		9.4279e-01						
	187	0.0000e+00	0.0000e+00	0.0000e+00	-3.9717e-01	2.5042e-01	2.6605e-01	
3.2766e-03		5.7574e-01						

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3.4035e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.1978e-01	2.5443e-01	2.6505e-01	
	5.7506e-01							
8.7859e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	1.2150e-03	6.4173e-01	5.7864e-01	
	1.0327e+00							
1.3365e-02	163	1	0.0000e+00	0.0000e+00	-3.2587e-01	2.9154e-01	-2.8199e-01	-
	5.6385e-01							
1.2722e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5383e-01	2.9689e-01	-2.8427e-01	-
	5.6354e-01							
3.0541e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	5.5441e-03	5.3798e-01	-6.8021e-01	-
	1.0046e+00							
1.3635e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.3753e-01	4.6297e-01	-2.7818e-01	-
	9.2151e-01							
3.2766e-03	188	1	0.0000e+00	0.0000e+00	-4.0406e-01	-2.0592e-01	2.5112e-01	
	5.6385e-01							
3.4035e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2644e-01	-2.0014e-01	2.4683e-01	
	5.6354e-01							
8.7859e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.4256e-02	-3.5065e-01	4.7935e-01	
	1.0046e+00							

Shell n. 134

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
163	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2757e-01	2.9119e-01	2.5162e-01	
1.0814e-02	5.6385e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5614e-01	2.9646e-01	2.4731e-01	
1.1476e-02	5.6353e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	2.1859e-03	5.3529e-01	4.7066e-01	
2.4861e-02	1.0053e+00							
188	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.0730e-01	-2.0656e-01	-2.8110e-01	-
6.1506e-03	5.6385e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.3022e-01	-2.0093e-01	-2.8337e-01	-
5.1071e-03	5.6353e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.2512e-02	-3.5429e-01	-6.6872e-01	-
1.1640e-02	1.0053e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7271e-01	-2.0348e-01	-2.7703e-01	-
6.6600e-03	9.2162e-01							
164	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2930e-01	7.4930e-01	2.3791e-01	
1.0814e-02	5.7597e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.5724e-01	7.5289e-01	2.3034e-01	
1.1476e-02	5.7537e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	1.1890e-03	1.5147e+00	3.8832e-01	
2.4861e-02	1.0313e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.4302e-01	1.2345e+00	4.0586e-01	
1.6775e-02	9.4279e-01							
189	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.0265e-01	2.4929e-01	-2.9481e-01	-
6.1506e-03	5.7597e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2513e-01	2.5332e-01	-3.0034e-01	-
5.1071e-03	5.7537e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3238e-02	6.2149e-01	-7.5106e-01	-
1.1640e-02	1.0313e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.6613e-01	4.1653e-01	-2.9033e-01	-
6.6600e-03	9.4279e-01							

Shell n. 135

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
164	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3677e-01	7.4841e-01	-2.9451e-01	-
1.3229e-02	5.7574e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6594e-01	7.5185e-01	-3.0010e-01	-
1.0507e-02	5.7511e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.4514e-02	1.5063e+00	-7.5234e-01	-
3.2584e-02	1.0303e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5648e-01	1.2327e+00	-2.9004e-01	-
1.4906e-02	9.4244e-01							
189	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.0635e-01	2.4795e-01	2.3562e-01	
2.8093e-03	5.7574e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2980e-01	2.5169e-01	2.2810e-01	
4.8208e-03	5.7511e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.2536e-02	6.1295e-01	3.8516e-01	
8.1148e-03	1.0303e+00							

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1.5640e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7182e-01	4.1448e-01	4.0189e-01	
	9.4244e-01							
1.3229e-02	165	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3581e-01	2.9181e-01	-3.0986e-01 -
	5.6429e-01							
1.0507e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6337e-01	2.9715e-01	-3.1874e-01	-
	5.6416e-01							
3.2584e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0438e-02	5.2545e-01	-8.4620e-01	-
	1.0012e+00							
1.4906e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5884e-01	4.6242e-01	-3.0516e-01	-
	9.2135e-01							
2.8093e-03	190	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1383e-01	-2.0568e-01	2.2026e-01
	5.6429e-01							
4.8208e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.3593e-01	-1.9996e-01	2.0947e-01	
	5.6416e-01							
8.1148e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-8.1929e-02	-3.5962e-01	2.9130e-01	
	1.0012e+00							
1.5640e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.8776e-01	-2.0286e-01	3.7818e-01	
	9.2135e-01							

Shell n. 136

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
165	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3922e-01	2.9111e-01	2.1930e-01	
	5.6428e-01							
1.5965e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6832e-01	2.9630e-01	2.0821e-01	
	5.6409e-01							
2.0226e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.7521e-02	5.1711e-01	2.5982e-01	
	1.0036e+00							
2.6424e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6083e-01	4.6098e-01	3.7471e-01	
	9.2170e-01							
1.5054e-02	190	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2305e-01	-2.0750e-01	-3.0751e-01 -
	5.6428e-01							
1.9589e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.4648e-01	-2.0221e-01	-3.1612e-01	
	5.6409e-01							
2.3287e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7516e-01	-3.7135e-01	-8.1198e-01 -	
	1.0036e+00							
7.3656e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0541e-01	-2.0458e-01	-3.0222e-01 -	
	9.2170e-01							
4.7860e-03	166	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.3751e-01	7.4455e-01	2.0826e-01
	5.7708e-01							
1.5965e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6373e-01	7.4808e-01	1.9393e-01	
	5.7687e-01							
2.0226e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.3329e-02	1.4378e+00	2.2316e-01	
	1.0278e+00							
2.6424e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6534e-01	1.2206e+00	3.6219e-01	
	9.4298e-01							
1.5054e-02	191	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1600e-01	2.4405e-01	-3.1855e-01 -
	5.7708e-01							
1.9589e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.3695e-01	2.4782e-01	-3.3040e-01	
	5.7687e-01							
2.3287e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.6742e-01	5.4803e-01	-8.4865e-01 -	
	1.0278e+00							
7.3656e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0054e-01	4.0281e-01	-3.1191e-01 -	
	9.4298e-01							

Shell n. 137

Nodo comb		S11	S22	S12	M11	M22	M12	
T11	T22							
166	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.5228e-01	7.4338e-01	-3.1763e-01 -	
	5.7642e-01							
3.9555e-04	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.8039e-01	7.4685e-01	-3.3001e-01	
	5.7610e-01							
8.1041e-03	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.8637e-01	1.4190e+00	-8.3996e-01 -	
	1.0249e+00							
1.9883e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9357e-01	1.2174e+00	-3.1066e-01 -	
	9.4207e-01							
6.5630e-03	191	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.2002e-01	2.4145e-01	2.0537e-01
	5.7642e-01							
1.3244e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.4215e-01	2.4468e-01	1.9158e-01	
	5.7610e-01							
2.0317e-02								

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1.7077e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.2534e-01	5.2866e-01	2.1042e-01	
	1.0249e+00							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0720e-01	3.9876e-01	3.5580e-01	
8.1110e-03	9.4207e-01							
	167	1	0.0000e+00	0.0000e+00	-3.4365e-01	2.9421e-01	-3.3400e-01	-
3.9555e-04	5.6668e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6666e-01	2.9978e-01	-3.4982e-01	
8.1041e-03	5.6737e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7370e-01	5.1357e-01	-9.1390e-01	-
1.9883e-02	9.9845e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9298e-01	4.6362e-01	-3.2596e-01	-
6.5630e-03	9.2233e-01							
	192	1	0.0000e+00	0.0000e+00	-4.2060e-01	-2.0449e-01	1.8900e-01	
1.3244e-02	5.6668e-01							
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.3809e-01	-1.9900e-01	1.7177e-01	
2.0317e-02	5.6737e-01							
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.3977e-01	-3.6726e-01	1.3649e-01	
1.7077e-02	9.9845e-01							
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.1229e-01	-2.0208e-01	3.3300e-01	
8.1110e-03	9.2233e-01							

Shell n. 138

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
	167	1	0.0000e+00	0.0000e+00	-3.4117e-01	2.9482e-01	1.8252e-01
3.7398e-02	5.6662e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6521e-01	3.0064e-01	1.6391e-01
5.0013e-02	5.6714e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.8835e-01	5.0001e-01	8.5470e-02
4.2539e-02	1.0021e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8741e-01	4.6272e-01	3.2207e-01
2.7392e-02	9.2302e-01						
	192	1	0.0000e+00	0.0000e+00	-4.3416e-01	-2.0731e-01	-3.2617e-01
1.5297e-02	5.6662e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.5270e-01	-2.0249e-01	-3.4063e-01
2.6538e-02	5.6714e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.9520e-01	-3.8771e-01	-8.6030e-01
9.7618e-03	1.0021e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.2877e-01	-2.0479e-01	-3.1795e-01
6.9990e-03	9.2302e-01						
	168	1	0.0000e+00	0.0000e+00	-3.2686e-01	7.3498e-01	1.7682e-01
3.7398e-02	5.8240e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.4312e-01	7.3863e-01	1.5502e-01
5.0013e-02	5.8391e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-1.7120e-01	1.3138e+00	1.0362e-01
4.2539e-02	1.0255e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8499e-01	1.1944e+00	3.2288e-01
2.7392e-02	9.4598e-01						
	193	1	0.0000e+00	0.0000e+00	-4.1549e-01	2.3129e-01	-3.3186e-01
1.5297e-02	5.8240e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2687e-01	2.3415e-01	-3.4952e-01
2.6538e-02	5.8391e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.7961e-01	4.2659e-01	-8.4216e-01
9.7618e-03	1.0255e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.1586e-01	3.7496e-01	-3.2088e-01
6.9990e-03	9.4598e-01						

Shell n. 139

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
	168	1	0.0000e+00	0.0000e+00	-3.4723e-01	7.3570e-01	-3.3160e-01
3.0294e-02	5.8065e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6388e-01	7.4013e-01	-3.5138e-01
4.9568e-02	5.8184e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.6671e-01	1.2895e+00	-8.2151e-01
1.2867e-02	1.0201e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.3081e-01	1.1912e+00	-3.1899e-01
1.5439e-02	9.4379e-01						
	193	1	0.0000e+00	0.0000e+00	-4.1094e-01	2.2740e-01	1.7469e-01
3.5527e-02	5.8065e-01						

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5.0822e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.2218e-01	2.2943e-01	1.5500e-01
	5.8184e-01						
3.6574e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.4192e-01	3.9932e-01	7.9570e-02
	1.0201e+00						
2.3748e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.1387e-01	3.6898e-01	3.1293e-01
	9.4379e-01						
169	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.2188e-01	3.0412e-01	-3.5104e-01
3.0294e-02	5.7691e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.2739e-01	3.1053e-01	-3.7413e-01
4.9568e-02	5.8095e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3786e-01	5.1548e-01	-8.7398e-01
1.2867e-02	1.0031e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.1996e-01	4.7466e-01	-3.3618e-01
1.5439e-02	9.2884e-01						
194	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.9509e-01	-2.0087e-01	1.5525e-01
3.5527e-02	5.7691e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.9582e-01	-1.9665e-01	1.3225e-01
5.0822e-02	5.8095e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.3982e-01	-3.6540e-01	2.7095e-02
3.6574e-02	1.0031e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0621e-01	-1.9838e-01	2.8841e-01
2.3748e-02	9.2884e-01						

Shell n. 140

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
169	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.9154e-01	3.1042e-01	1.3371e-01
7.2229e-02	5.7680e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.9413e-01	3.1860e-01	1.0672e-01
9.6703e-02	5.8040e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.1567e-01	5.0795e-01	-4.5548e-02
7.2074e-02	1.0073e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.8104e-01	4.7837e-01	2.5962e-01
5.2395e-02	9.3026e-01						
194	1	0.0000e+00	0.0000e+00	0.0000e+00	-4.1245e-01	-2.0457e-01	-3.2822e-01
3.7949e-02	5.7680e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-5.1223e-01	-2.0135e-01	-3.4733e-01
5.7036e-02	5.8040e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.0659e-01	-3.8678e-01	-7.9904e-01
3.2563e-02	1.0073e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.2863e-01	-2.0186e-01	-3.1523e-01
2.3287e-02	9.3026e-01						
170	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.5878e-01	7.1395e-01	1.4339e-01
7.2229e-02	6.0128e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.4736e-01	7.1797e-01	1.1438e-01
9.6703e-02	6.0873e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.8104e-01	1.1598e+00	2.2493e-02
7.2074e-02	1.0355e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6629e-01	1.1465e+00	2.8687e-01
5.2395e-02	9.5892e-01						
195	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.7624e-01	1.9768e-01	-3.1854e-01
3.7949e-02	6.0128e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.6276e-01	1.9699e-01	-3.3967e-01
5.7036e-02	6.0873e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.7571e-01	2.6633e-01	-7.3100e-01
3.2563e-02	1.0355e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-3.0320e-01	3.1845e-01	-3.0241e-01
2.3287e-02	9.5892e-01						

Shell n. 141

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
170	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.8687e-01	7.2002e-01	-3.1713e-01
6.1471e-02	5.9706e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6946e-01	7.2698e-01	-3.4374e-01
9.0492e-02	6.0387e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.5169e-01	1.1471e+00	-7.1449e-01
4.7588e-02	1.0277e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.2108e-01	1.1458e+00	-2.9686e-01
3.8665e-02	9.5358e-01						

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195	1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4367e-01	1.9251e-01	1.4030e-01
5.0679e-02	5.9706e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.2753e-01	1.9061e-01	1.1678e-01
7.0745e-02	6.0387e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.7925e-01	2.4425e-01	3.4545e-03
4.9425e-02	1.0277e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7610e-01	3.1138e-01	2.6576e-01
3.4853e-02	9.5358e-01						
	171	0.0000e+00	0.0000e+00	0.0000e+00	-2.4744e-01	3.3339e-01	-3.4324e-01
6.1471e-02	6.0476e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.1434e-01	3.4066e-01	-3.6994e-01
9.0492e-02	6.1797e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.1051e-01	5.3389e-01	-7.3894e-01
4.7588e-02	1.0264e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.9397e-01	5.1683e-01	-3.2138e-01
3.8665e-02	9.4763e-01						
	196	0.0000e+00	0.0000e+00	0.0000e+00	-3.1289e-01	-1.9115e-01	1.1419e-01
5.0679e-02	6.0476e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.8171e-01	-1.9253e-01	9.0584e-02
7.0745e-02	6.1797e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-5.5970e-01	-3.6141e-01	-2.0992e-02
4.9425e-02	1.0264e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.5722e-01	-1.8570e-01	2.2566e-01
3.4853e-02	9.4763e-01						

Shell n. 142

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
171	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.3524e-01	3.5100e-01	5.6818e-02
8.1907e-02	6.0647e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.9242e-01	3.6231e-01	2.6280e-02
1.0895e-01	6.1892e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.5313e-01	5.4935e-01	-1.3457e-01
7.9327e-02	1.0320e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-7.1123e-02	5.3286e-01	1.4823e-01
5.9720e-02	9.5272e-01						
	196	0.0000e+00	0.0000e+00	0.0000e+00	-3.4871e-01	-1.9348e-01	-2.8479e-01
3.6905e-02	6.0647e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-4.1285e-01	-1.9602e-01	-3.0457e-01
5.4803e-02	6.1892e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.7874e-01	-3.6920e-01	-6.2351e-01
3.2189e-02	1.0320e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.9839e-01	-1.8758e-01	-2.6854e-01
2.3105e-02	9.5272e-01						
	172	0.0000e+00	0.0000e+00	0.0000e+00	-9.9299e-02	6.5176e-01	1.1838e-01
8.1907e-02	6.3862e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.4209e-01	6.5656e-01	9.0547e-02
1.0895e-01	6.5759e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-2.1697e-01	9.7509e-01	1.0402e-02
7.9327e-02	1.0657e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-5.2570e-02	1.0331e+00	2.4652e-01
5.9720e-02	9.8598e-01						
	197	0.0000e+00	0.0000e+00	0.0000e+00	-3.1027e-01	1.0632e-01	-2.2323e-01
3.6905e-02	6.3862e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-3.6067e-01	9.7466e-02	-2.4031e-01
5.4803e-02	6.5759e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-6.4509e-01	5.7314e-02	-4.7854e-01
3.2189e-02	1.0657e+00						
	4	0.0000e+00	0.0000e+00	0.0000e+00	-2.7119e-01	1.8368e-01	-2.0898e-01
2.3105e-02	9.8598e-01						

Shell n. 143

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
172	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.9062e-01	6.5915e-01	-1.9094e-01
4.2858e-02	6.2938e-01						
	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.1931e-01	6.6859e-01	-2.1621e-01
6.2667e-02	6.4770e-01						
	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.6258e-01	9.8251e-01	-4.4610e-01
3.5344e-02	1.0525e+00						

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2.7348e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.6800e-01	1.0319e+00	-1.7302e-01
	9.7280e-01						
197	1	0.0000e+00	0.0000e+00	0.0000e+00	-2.0040e-01	1.0264e-01	8.4996e-02
2.7516e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.4392e-01	9.3343e-02	6.5375e-02
	6.2938e-01						
3.8887e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.6712e-01	5.6362e-02	-2.3366e-02
	6.4770e-01						
2.5562e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.7021e-01	1.7881e-01	1.7235e-01
	1.0525e+00						
1.8583e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6631e-01	4.2622e-01	-2.4978e-01
	9.7280e-01						
173	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6631e-01	4.2622e-01	-2.4978e-01
4.2858e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.8506e-01	4.3270e-01	-2.6833e-01
	6.4034e-01						
6.2667e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3844e-01	6.2216e-01	-4.9067e-01
	6.6469e-01						
3.5344e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5146e-01	6.6287e-01	-2.3264e-01
	1.0595e+00						
2.7348e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.8066e-01	-1.2874e-01	2.6159e-02
	9.7353e-01						
198	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.8066e-01	-1.2874e-01	2.6159e-02
2.7516e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	-2.1460e-01	-1.4088e-01	1.3258e-02
	6.4034e-01						
3.8887e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-4.5313e-01	-3.0048e-01	-6.7940e-02
	6.6469e-01						
2.5562e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5800e-01	-1.2003e-01	6.3778e-02
	1.0595e+00						
1.8583e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.5800e-01	-1.2003e-01	6.3778e-02
	9.7353e-01						

Shell n. 144

Nodo comb		S11	S22	S12	M11	M22	M12
T11	T22						
173	1	0.0000e+00	0.0000e+00	0.0000e+00	7.1281e-02	4.5757e-01	-6.3531e-02
1.5629e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	6.4414e-02	4.6848e-01	-8.2963e-02
	6.4614e-01						
2.1827e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	7.1229e-02	6.8195e-01	-2.3525e-01
	6.6975e-01						
1.4465e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2765e-01	7.0313e-01	-5.3989e-02
	1.0674e+00						
1.0728e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6962e-01	-1.1037e-01	-1.5958e-01
	9.8476e-01						
198	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6962e-01	-1.1037e-01	-1.5958e-01
7.0106e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.8590e-01	-1.2102e-01	-1.7156e-01
	6.4614e-01						
1.0336e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.3350e-01	-2.5441e-01	-3.2224e-01
	6.6975e-01						
6.4814e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5541e-01	-1.0269e-01	-1.4870e-01
	1.0674e+00						
4.4700e-03	1	0.0000e+00	0.0000e+00	0.0000e+00	7.7336e-02	5.4169e-01	1.1718e-02
	9.8476e-01						
174	1	0.0000e+00	0.0000e+00	0.0000e+00	7.7336e-02	5.4169e-01	1.1718e-02
1.5629e-02	2	0.0000e+00	0.0000e+00	0.0000e+00	7.3433e-02	5.4682e-01	-4.6865e-03
	6.5230e-01						
2.1827e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	7.6270e-02	7.5837e-01	-1.0658e-01
	6.7796e-01						
1.4465e-02	4	0.0000e+00	0.0000e+00	0.0000e+00	1.2930e-01	8.4745e-01	4.6935e-02
	1.0731e+00						
1.0728e-02	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6151e-01	-2.6986e-02	-8.4329e-02
	9.8901e-01						
199	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.6151e-01	-2.6986e-02	-8.4329e-02
7.0106e-03	2	0.0000e+00	0.0000e+00	0.0000e+00	-1.7479e-01	-4.3431e-02	-9.3285e-02
	6.5230e-01						
1.0336e-02	3	0.0000e+00	0.0000e+00	0.0000e+00	-3.2543e-01	-1.7906e-01	-1.9357e-01
	6.7796e-01						
6.4814e-03	4	0.0000e+00	0.0000e+00	0.0000e+00	-1.4968e-01	-1.6281e-02	-7.7867e-02
	1.0731e+00						
4.4700e-03	1	0.0000e+00	0.0000e+00	0.0000e+00	-1.4968e-01	-1.6281e-02	-7.7867e-02
	9.8901e-01						

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Verifiche shell in c.a. (Metodo stati limite)

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c : combinazione di carico piu' sfavorevole per la verifica in questione;
nodo : nodo della shell;
d : 1 -> direzione principale delle armature;
: 2 -> direzione ortogonale alla principale;
N : azione normale sollecitante di calcolo agli s.l.u. (negativa se di compressione);
M : momento flettente sollecitante di calcolo (positivo se comprime le fibre all'estradosso);
sic: coefficiente di sicurezza s.l.u. ad N costante (se > 1 verific. positiva);
x/d: duttilita'. (x/d= Dist. asse neutro e punto piu' compresso/altezza utile);
AfSup: armatura longitudinale all'estradosso (piano positivo della shell);
AfInf: armatura longitudinale all'intradosso (piano negativo della shell);
Ø, p. : diametro e passo dell'armatura;
VSdu: taglio sollecitante di calcolo agli s.l.u.;
VRdu: resistenza al taglio della sezione senza armatura trasversale;
VRdu=0.25*fctd*r*(1+50*RoL)*bw*d;
oppure, per shell con armature trasversali resistenti al taglio
VRdu: resistenza a taglio cls compresso 0.30*fcd*bw*d;
Staffe: progettate dalla relazione VSdu<=Vcd+Vwd. Ø=diametro; n.=numero/metro ; p=passo ortog.
alla direz.

Ad ogni staffa corrispondono 2 spilloni tra le armature longitudinali.

tClsRa: tensione del cls nella combinazione di esercizio rara piu' sfavorevole;
tClsQP: tensione del cls nella comb. di es. quasi permanente " " ;
tAccRa: tensione dell'acciaio nella comb. di esercizio rara " " ;
wkFr: fessurazione del cls nella comb. di esercizio frequente " " ;
wkQP: fessurazione del cls nella comb. di es. quasi permanente " " ;
wkRa: fessurazione del cls nella comb. di esercizio rara " " ;

cd: codice di verifica della sezione (alcuni possono mancare, in funzione del metodo T.A. o S.L.).

- 0: verifiche tutte positive;
- 1: verifica negativa presso-tensoflessione (sicurezza);
- 3: spessore non adatto a sopportare il taglio (aumentarlo);
- 4: verifica negativa al taglio (inserire staffe od aumentare lo spessore);
- 5: azione normale superiore a quella massima ammissibile (Nrd);
- 6: verifica negativa s.l.e. tensioni cls comb. rara;
- 7: verifica negativa s.l.e. tensioni cls comb. quasi perm.;
- 8: verifica negativa s.l.e. tensioni acciaio comb. rare;
- 9: verifica negativa s.l.e. fessurazione cls comb. rara;
- 10: verifica negativa s.l.e. fessurazione cls comb. quasi perm.;
- 11: verifica negativa s.l.e. fessurazione cls comb. frequente.

Shell		Presso-Tensoflessione							Armatura				Taglio			
Staffe	S.L.E.	Tensioni	Fessurazione	cd								VSdu	VRdu			
nodo	d	c	N	M	sic.	x/d	AfSup	Ø p.	AfInf	Ø p.	c	N/m	N/m			
Ø n.	p.	tClsRa	tClsQP	tAccRa	wkFr	wkQP	wkRa									
n.ro	n.ro	n.	N/m	Nm/m				cm ² /m	mm	cm	cm ² /m	mm	cm			
mm	n.	cm	MPa	MPa	MPa	mm	mm	mm	mm	mm	mm	mm	mm			
1	37	1	4	0	35212	9.97	0.02	6.28	20	20	6.28	20	20	2	199467	359219
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0									
2	4	0	305127	1.15	0.02	6.28	20	20	6.28	20	20	3	258169	359219		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00										
38	1	4	0	132277	2.65	0.02	6.28	20	20	6.28	20	2	16004	359219		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0									
2	4	0	197762	1.77	0.02	6.28	20	20	6.28	20	20	3	258169	359219		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00										
25	1	2	0	-47700	7.36	0.02	6.28	20	20	6.28	20	2	199467	359219		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0									
2	4	0	494678	1.06	0.03	6.28	20	20	9.42	20	20	4	109629	359219		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00										
39	1	4	0	102222	3.43	0.02	6.28	20	20	6.28	20	2	16004	359219		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0									
2	4	0	383526	1.37	0.03	6.28	20	20	9.42	20	20	4	109629	359219		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00										
2	25	1	4	0	80248	4.37	0.02	6.28	20	20	6.28	20	20	2	143032	359219
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0									

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---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	492395	1.07	0.03	6.28	20	20	9.42	20	20	4	114276	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	3	0	-26094	13.45	0.02	6.28	20	20	6.28	20	20	2	59224	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	380272	1.38	0.03	6.28	20	20	9.42	20	20	4	114276	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	100097	3.51	0.02	6.28	20	20	6.28	20	20	2	143032	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	343605	1.02	0.02	6.28	20	20	6.28	20	20	3	252886	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	9464	37.08	0.02	6.28	20	20	6.28	20	20	2	59224	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	236749	1.48	0.02	6.28	20	20	6.28	20	20	3	252886	359219	--	

---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	56503	6.21	0.02	6.28	20	20	6.28	20	20	2	349419	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	333527	1.05	0.02	6.28	20	20	6.28	20	20	3	254042	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	76702	4.58	0.02	6.28	20	20	6.28	20	20	2	4134	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	251559	1.40	0.02	6.28	20	20	6.28	20	20	3	254042	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	2	0	-89617	3.92	0.02	6.28	20	20	6.28	20	20	2	349419	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	459140	1.14	0.03	6.28	20	20	9.42	20	20	2	192545	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	2	0	-47035	7.46	0.02	6.28	20	20	6.28	20	20	2	4134	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	370511	1.42	0.03	6.28	20	20	9.42	20	20	2	192545	359219	--	

---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	37468	9.37	0.02	6.28	20	20	6.28	20	20	2	263452	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	460478	1.14	0.03	6.28	20	20	9.42	20	20	2	190449	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	2	0	-56122	6.25	0.02	6.28	20	20	6.28	20	20	2	65788	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	373448	1.40	0.03	6.28	20	20	9.42	20	20	2	190449	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	3	0	79371	4.42	0.02	6.28	20	20	6.28	20	20	2	263452	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	338928	1.04	0.02	6.28	20	20	6.28	20	20	3	246256	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	28750	12.21	0.02	6.28	20	20	6.28	20	20	2	65788	359219	--	

+-----																							
Shell Presso-Tensoflessione Armatura Taglio																							
Staffe S.L.E. Tensioni Fessurazione cd																							
nodo d c N M sic. x/d AfSup Ø p. AfInf Ø p. c VSdu VRdu																							
Ø n. p. tClsRa tClsQP tAccRa wkFr wkQP wkRa																							
n.ro n.ro n. N/m Nm/m cm²/m mm cm cm²/m mm cm n. N/m N/m																							
mm n. cm MPa MPa MPa mm mm mm																							
+-----																							
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	258101	1.36	0.02	6.28	20	20	6.28	20	20	3	246256	359219	--	

---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	53644	6.54	0.02	6.28	20	20	6.28	20	20	2	336181	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	336345	1.04	0.02	6.28	20	20	6.28	20	20	3	245405	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	3	0	55829	6.29	0.02	6.28	20	20	6.28	20	20	3	19694	359219	--	
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	4	0	261167	1.34	0.02	6.28	20	20	6.28	20	20	3	245405	359219	--	

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-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	27 1	2	0	-100645	3.49	0.02	6.28	20	20	6.28	20	20	2	336181	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	4	0	462029	1.14	0.03	6.28	20	20	9.42	20	20	2	216498	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	45 1	2	0	-72190	4.86	0.02	6.28	20	20	6.28	20	20	3	19694	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	4	0	379219	1.38	0.03	6.28	20	20	9.42	20	20	2	216498	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-----+																										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	6	27 1	2	0	-70829	4.96	0.02	6.28	20	20	6.28	20	20	2	297771	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	4	0	463025	1.13	0.03	6.28	20	20	9.42	20	20	2	215436	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	45 1	2	0	-74787	4.69	0.02	6.28	20	20	6.28	20	20	2	50799	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	4	0	381056	1.38	0.03	6.28	20	20	9.42	20	20	2	215436	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	47 1	3	0	68708	5.11	0.02	6.28	20	20	6.28	20	20	2	297771	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	3	0	344242	1.02	0.02	6.28	20	20	6.28	20	20	3	244383	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	46 1	4	0	36105	9.72	0.02	6.28	20	20	6.28	20	20	2	50799	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	3	0	279937	1.25	0.02	6.28	20	20	6.28	20	20	3	244383	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-----+																										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	7	47 1	4	0	54433	6.45	0.02	6.28	20	20	6.28	20	20	2	316952	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	3	0	346631	1.01	0.02	6.28	20	20	6.28	20	20	3	242838	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	46 1	3	0	73233	4.79	0.02	6.28	20	20	6.28	20	20	2	32226	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	3	0	285664	1.23	0.02	6.28	20	20	6.28	20	20	3	242838	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	28 1	2	0	-99159	3.54	0.02	6.28	20	20	6.28	20	20	2	316952	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	3	0	535017	1.30	0.04	6.28	20	20	12.57	20	20	2	216541	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	48 1	2	0	-78073	4.50	0.02	6.28	20	20	6.28	20	20	2	32226	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	3	0	462837	1.13	0.03	6.28	20	20	9.42	20	20	2	216541	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-----+																										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	8	28 1	2	0	-81001	4.33	0.02	6.28	20	20	6.28	20	20	2	304996	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	3	0	534421	1.31	0.04	6.28	20	20	12.57	20	20	2	215982	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	48 1	2	0	-78645	4.46	0.02	6.28	20	20	6.28	20	20	2	42213	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	3	0	463136	1.13	0.03	6.28	20	20	9.42	20	20	2	215982	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	50 1	3	0	70919	4.95	0.02	6.28	20	20	6.28	20	20	2	304996	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	3	0	396502	1.32	0.03	6.28	20	20	9.42	20	20	3	244680	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	49 1	3	0	47506	7.39	0.02	6.28	20	20	6.28	20	20	2	42213	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	3	0	332580	1.06	0.02	6.28	20	20	6.28	20	20	3	244680	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-----+																										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	9	50 1	4	0	58527	6.00	0.02	6.28	20	20	6.28	20	20	2	310070	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2	3	0	395878	1.33	0.03	6.28	20	20	9.42	20	20	3	243996	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	49 1	3	0	67235	5.22	0.02	6.28	20	20	6.28	20	20	2	37202	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		

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- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.05	0.02	6.28	20	20	6.28	20	20	3	243996	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		3.71	0.02	6.28	20	20	6.28	20	20	2	310070	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.22	0.04	6.28	20	20	12.57	20	20	2	216330	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		4.51	0.02	6.28	20	20	6.28	20	20	2	37202	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.05	0.03	6.28	20	20	9.42	20	20	2	216330	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		4.17	0.02	6.28	20	20	6.28	20	20	2	307489	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.22	0.04	6.28	20	20	12.57	20	20	2	216039	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		4.51	0.02	6.28	20	20	6.28	20	20	2	39239	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.05	0.03	6.28	20	20	9.42	20	20	2	216039	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		5.14	0.02	6.28	20	20	6.28	20	20	2	307489	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.25	0.03	6.28	20	20	9.42	20	20	3	245560	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		6.09	0.02	6.28	20	20	6.28	20	20	2	39239	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.48	0.03	6.28	20	20	9.42	20	20	3	245560	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		5.59	0.02	6.28	20	20	6.28	20	20	2	308473	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.25	0.03	6.28	20	20	9.42	20	20	3	245253	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		5.25	0.02	6.28	20	20	6.28	20	20	2	38600	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.47	0.03	6.28	20	20	9.42	20	20	3	245253	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		3.91	0.02	6.28	20	20	6.28	20	20	2	308473	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.18	0.04	6.28	20	20	12.57	20	20	2	216505	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		4.59	0.02	6.28	20	20	6.28	20	20	2	38600	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.01	0.03	6.28	20	20	9.42	20	20	2	216505	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		4.06	0.02	6.28	20	20	6.28	20	20	2	308245	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.18	0.04	6.28	20	20	12.57	20	20	2	216413	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		4.59	0.02	6.28	20	20	6.28	20	20	2	38710	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.01	0.03	6.28	20	20	9.42	20	20	2	216413	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		5.35	0.02	6.28	20	20	6.28	20	20	2	308245	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00		1.23	0.03	6.28	20	20	9.42	20	20	3	245839	359219	--
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00													

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- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	64294	5.46	0.02	6.28	20	20	6.28	20	20	2	38710	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	363384	1.44	0.03	6.28	20	20	9.42	20	20	3	245839	359219	-- -
+-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	4	65614	5.35	0.02	6.28	20	20	6.28	20	20	2	308245	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	427132	1.23	0.03	6.28	20	20	9.42	20	20	3	245839	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	64294	5.46	0.02	6.28	20	20	6.28	20	20	2	38710	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	363384	1.44	0.03	6.28	20	20	9.42	20	20	3	245839	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	2	-86402	4.06	0.02	6.28	20	20	6.28	20	20	2	308245	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	593405	1.18	0.04	6.28	20	20	12.57	20	20	2	216413	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	2	-76478	4.59	0.02	6.28	20	20	6.28	20	20	2	38710	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	519721	1.01	0.03	6.28	20	20	9.42	20	20	2	216413	359219	-- -
+-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	2	-89749	3.91	0.02	6.28	20	20	6.28	20	20	2	308473	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	593383	1.18	0.04	6.28	20	20	12.57	20	20	2	216505	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	2	-76526	4.59	0.02	6.28	20	20	6.28	20	20	2	38600	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	519557	1.01	0.03	6.28	20	20	9.42	20	20	2	216505	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	4	62814	5.59	0.02	6.28	20	20	6.28	20	20	2	308473	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	419363	1.25	0.03	6.28	20	20	9.42	20	20	3	245253	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	66876	5.25	0.02	6.28	20	20	6.28	20	20	2	38600	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	356275	1.47	0.03	6.28	20	20	9.42	20	20	3	245253	359219	-- -
+-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	68254	5.14	0.02	6.28	20	20	6.28	20	20	2	307489	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	419705	1.25	0.03	6.28	20	20	9.42	20	20	3	245560	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	57602	6.09	0.02	6.28	20	20	6.28	20	20	2	39239	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	355675	1.48	0.03	6.28	20	20	9.42	20	20	3	245560	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	2	-84210	4.17	0.02	6.28	20	20	6.28	20	20	2	307489	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	573634	1.22	0.04	6.28	20	20	12.57	20	20	2	216039	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	2	-77758	4.51	0.02	6.28	20	20	6.28	20	20	2	39239	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	500790	1.05	0.03	6.28	20	20	9.42	20	20	2	216039	359219	-- -
+-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	2	-94475	3.71	0.02	6.28	20	20	6.28	20	20	2	310070	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	573647	1.22	0.04	6.28	20	20	12.57	20	20	2	216330	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	2	-77772	4.51	0.02	6.28	20	20	6.28	20	20	2	37202	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	3	500352	1.05	0.03	6.28	20	20	9.42	20	20	2	216330	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	4	58526	6.00	0.02	6.28	20	20	6.28	20	20	2	310070	359219	-- -

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-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00		1.33	0.03	6.28	20	20	9.42	20	20	3	243996	359219	---										
			61	1	3	0	67235	5.22	0.02	6.28	20	20	6.28	20	20	2	37202	359219	---														
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.05	0.02	6.28	20	20	6.28	20	20	3	243996	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00																	---									
+-----+																																	
		17	62	1	3	0	70919	4.95	0.02	6.28	20	20	6.28	20	20	2	304996	359219	---														
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.32	0.03	6.28	20	20	9.42	20	20	3	244680	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00					7.39	0.02	6.28	20	20	6.28	20	20	2	42213	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.06	0.02	6.28	20	20	6.28	20	20	3	244680	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00					4.33	0.02	6.28	20	20	6.28	20	20	2	304996	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.31	0.04	6.28	20	20	12.57	20	20	2	215982	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00																	---									
+-----+																																	
	Shell			Presso-Tensoflessione			Armatura			Taglio																							
Staffe	S.L.E.	Tensioni		Fessurazione			cd																										
	nodod		c		N		M		sic.		x/d	AfSup		Øp.	AfInf		Øp.		c	VSdu		VRdu											
Ø	n.	p.		tClsRa		tClsQP		tAccRa		wkFr		wkQP		wkRa																			
	n.ro		n.ro		n.		N/m		Nm/m					cm ² /m		mm		cm		cm ² /m		mm		cm		n.		N/m		N/m			
	mm		n.		cm		MPa		MPa		MPa		mm		mm		mm																
+-----+																																	
		63	1	2	0	-78645	4.46	0.02	6.28	20	20	6.28	20	20	2	42213	359219	---															
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.13	0.03	6.28	20	20	9.42	20	20	2	215982	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00																		---								
+-----+																																	
		18	33	1	2	0	-99159	3.54	0.02	6.28	20	20	6.28	20	20	2	316952	359219	---														
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.30	0.04	6.28	20	20	12.57	20	20	2	216541	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00					4.50	0.02	6.28	20	20	6.28	20	20	2	32226	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.13	0.03	6.28	20	20	9.42	20	20	2	216541	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00					6.45	0.02	6.28	20	20	6.28	20	20	2	316952	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.01	0.02	6.28	20	20	6.28	20	20	3	242838	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00					4.79	0.02	6.28	20	20	6.28	20	20	2	32226	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.23	0.02	6.28	20	20	6.28	20	20	3	242838	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00																	---									
+-----+																																	
		19	65	1	3	0	68708	5.11	0.02	6.28	20	20	6.28	20	20	2	297771	359219	---														
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.02	0.02	6.28	20	20	6.28	20	20	3	244383	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00					9.72	0.02	6.28	20	20	6.28	20	20	2	50799	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.25	0.02	6.28	20	20	6.28	20	20	3	244383	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00					4.96	0.02	6.28	20	20	6.28	20	20	2	297771	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.13	0.03	6.28	20	20	9.42	20	20	2	215436	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00					4.69	0.02	6.28	20	20	6.28	20	20	2	50799	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0				1.38	0.03	6.28	20	20	9.42	20	20	2	215436	359219	---										
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00																	---									

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	20	34 1	2	0	-100645	3.49	0.02	6.28	20	20	6.28	20	20	2	336181	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	462032	1.14	0.03	6.28	20	20	9.42	20	20	2	216498	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
		66 1	2	0	-72190	4.86	0.02	6.28	20	20	6.28	20	20	2	19028	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	379221	1.38	0.03	6.28	20	20	9.42	20	20	2	216498	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
		68 1	4	0	53644	6.54	0.02	6.28	20	20	6.28	20	20	2	336181	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	336347	1.04	0.02	6.28	20	20	6.28	20	20	3	245405	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
		67 1	3	0	55829	6.29	0.02	6.28	20	20	6.28	20	20	3	19694	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	261169	1.34	0.02	6.28	20	20	6.28	20	20	3	245405	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	338930	1.04	0.02	6.28	20	20	6.28	20	20	3	246256	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
		67 1	4	0	28751	12.21	0.02	6.28	20	20	6.28	20	20	2	65788	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	258103	1.36	0.02	6.28	20	20	6.28	20	20	3	246256	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
		35 1	4	0	37469	9.37	0.02	6.28	20	20	6.28	20	20	2	263452	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	460481	1.14	0.03	6.28	20	20	9.42	20	20	2	190449	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
		69 1	2	0	-56122	6.25	0.02	6.28	20	20	6.28	20	20	2	65788	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	373451	1.40	0.03	6.28	20	20	9.42	20	20	2	190449	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
		22	35 1	2	0	-89617	3.92	0.02	6.28	20	20	6.28	20	20	2	349419	359219	--		-
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	459143	1.14	0.03	6.28	20	20	9.42	20	20	2	192545	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
		69 1	2	0	-47035	7.46	0.02	6.28	20	20	6.28	20	20	2	4134	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	370514	1.42	0.03	6.28	20	20	9.42	20	20	2	192545	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
		71 1	4	0	56502	6.21	0.02	6.28	20	20	6.28	20	20	2	349419	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	333528	1.05	0.02	6.28	20	20	6.28	20	20	3	254042	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
		70 1	4	0	76702	4.58	0.02	6.28	20	20	6.28	20	20	2	4134	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	251560	1.40	0.02	6.28	20	20	6.28	20	20	3	254042	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	100096	3.51	0.02	6.28	20	20	6.28	20	20	2	143032	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	343606	1.02	0.02	6.28	20	20	6.28	20	20	3	252886	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
		70 1	4	0	9463	37.09	0.02	6.28	20	20	6.28	20	20	2	59224	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	236750	1.48	0.02	6.28	20	20	6.28	20	20	3	252886	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
		36 1	4	0	80246	4.37	0.02	6.28	20	20	6.28	20	20	2	143032	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
			4	0	492396	1.07	0.03	6.28	20	20	9.42	20	20	4	114276	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00														
		72 1	2	0	-20337	17.26	0.02	6.28	20	20	6.28	20	20	2	59224	359219	--		-	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													

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-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	494680	1.06	0.03	6.28	20	20	9.42	20	20	4	109629	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	102223	3.43	0.02	6.28	20	20	6.28	20	20	2	16004	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	383528	1.37	0.03	6.28	20	20	9.42	20	20	4	109629	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	35213	9.97	0.02	6.28	20	20	6.28	20	20	2	199467	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	305129	1.15	0.02	6.28	20	20	6.28	20	20	3	258169	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	132278	2.65	0.02	6.28	20	20	6.28	20	20	2	16004	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	197763	1.77	0.02	6.28	20	20	6.28	20	20	3	258169	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-27408	12.80	0.02	6.28	20	20	6.28	20	20	2	8463	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	91607	3.83	0.02	6.28	20	20	6.28	20	20	3	221317	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-75583	4.64	0.02	6.28	20	20	6.28	20	20	2	206112	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-138391	2.54	0.02	6.28	20	20	6.28	20	20	3	221317	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-84284	4.16	0.02	6.28	20	20	6.28	20	20	2	8463	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-132027	14.60	0.09	37.70	20	8	6.28	20	20	3	396769	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-127488	2.75	0.02	6.28	20	20	6.28	20	20	2	206112	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-295220	6.53	0.09	37.70	20	8	6.28	20	20	3	396769	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-42183	8.32	0.02	6.28	20	20	6.28	20	20	2	62643	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-118857	16.22	0.09	37.70	20	8	6.28	20	20	3	395930	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-40869	8.59	0.02	6.28	20	20	6.28	20	20	2	148604	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-282646	6.82	0.09	37.70	20	8	6.28	20	20	3	395930	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	14265	24.60	0.02	6.28	20	20	6.28	20	20	2	62643	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	34757	10.10	0.02	6.28	20	20	6.28	20	20	3	223706	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-16929	20.73	0.02	6.28	20	20	6.28	20	20	2	148604	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	-177774	1.97	0.02	6.28	20	20	6.28	20	20	3	223706	359219	--	-
-----+-----																								
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0.00	0.00	30211	11.62	0.02	6.28	20	20	6.28	20	20	2	15177	359219	--	-



Ponte sullo Stretto di Messina PROGETTO DEFINITIVO

**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
RELAZIONE DI CALCOLO TIPOLOGICA**

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CG0000PCLDPCZC2NI83000002F0

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- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	45307	7.75	0.02	6.28	20	20	6.28	20	20	3	221828	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-60675	5.78	0.02	6.28	20	20	6.28	20	20	2	353967	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-197962	1.77	0.02	6.28	20	20	6.28	20	20	3	221828	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-100329	3.50	0.02	6.28	20	20	6.28	20	20	2	15177	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-122820	25.77	0.17	65.97	20	5	6.28	20	20	3	489816	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-171326	2.05	0.02	6.28	20	20	6.28	20	20	2	353967	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-332699	9.51	0.17	65.97	20	5	6.28	20	20	3	489816	359219	-- -

+-----																		
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-98145	3.58	0.02	6.28	20	20	6.28	20	20	2	69938	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-117502	26.94	0.17	65.97	20	5	6.28	20	20	3	488705	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-116931	3.00	0.02	6.28	20	20	6.28	20	20	2	268210	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-326357	9.70	0.17	65.97	20	5	6.28	20	20	3	488705	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-35372	9.92	0.02	6.28	20	20	6.28	20	20	2	69938	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-23253	15.09	0.02	6.28	20	20	6.28	20	20	3	222300	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-55681	6.30	0.02	6.28	20	20	6.28	20	20	2	268210	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-221660	1.58	0.02	6.28	20	20	6.28	20	20	3	222300	359219	-- -

+-----																		
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-22220	15.79	0.02	6.28	20	20	6.28	20	20	3	10889	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-22269	15.76	0.02	6.28	20	20	6.28	20	20	3	223043	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-83759	4.19	0.02	6.28	20	20	6.28	20	20	2	340531	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-224816	1.56	0.02	6.28	20	20	6.28	20	20	3	223043	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-126337	2.78	0.02	6.28	20	20	6.28	20	20	3	10889	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-135861	25.24	0.19	72.26	20	4	6.28	20	20	2	501278	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-182234	1.93	0.02	6.28	20	20	6.28	20	20	2	340531	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-364786	9.40	0.19	72.26	20	4	6.28	20	20	2	501278	359219	-- -

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- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-124999	2.81	0.02	6.28	20	20	6.28	20	20	2	51376	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-134237	25.54	0.19	72.26	20	4	6.28	20	20	2	500709	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-151417	2.32	0.02	6.28	20	20	6.28	20	20	2	302264	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-360685	9.51	0.19	72.26	20	4	6.28	20	20	2	500709	359219	-- -
- ---	-0.0	-0.0	-0.0 0.00	0.00 0.00	0	-45907	7.64	0.02	6.28	20	20	6.28	20	20	2	51376	359219	-- -

+-----																		
Shell						Presso-Tenso						Armatura					Taglio	
Staffe						S.L.E. Tensioni						Fessurazione						
						nodoid						cm						
						N						M						
						cm						sic.						
						x/d AfSup						Ø p.						
						cm						cm						
						Ø n.p.						cm						
						tClsRa tClsQP tAccRa wkFr wkQP wkRa												
						mm						mm						
						n.ro n.ro n.						N/m						
						N/m						Nm/m						
						mm						cm²/m mm						
						cm						cm						
						MPa						MPa						
						MPa						MPa						
						mm						mm						

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		2	2	0	-30675	11.44	0.02	6.28	20	20	6.28	20	20	3	221985	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
		47 1	2	0	-73574	4.77	0.02	6.28	20	20	6.28	20	20	2	302264	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-238361	1.47	0.02	6.28	20	20	6.28	20	20	3	221985	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
+-----+-----+																			
		31	81 1	3	0	-68188	5.15	0.02	6.28	20	20	6.28	20	20	2	26771	359219	--	-
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	2	0	-32421	10.82	0.02	6.28	20	20	6.28	20	20	3	222432	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
		47 1	3	0	-109534	3.20	0.02	6.28	20	20	6.28	20	20	2	321348	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-245069	1.43	0.02	6.28	20	20	6.28	20	20	3	222432	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
		82 1	3	0	-143325	2.45	0.02	6.28	20	20	6.28	20	20	2	26771	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-220114	15.58	0.19	72.26	20	4	6.28	20	20	3	497993	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
		28 1	2	0	-180470	1.94	0.02	6.28	20	20	6.28	20	20	2	321348	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-448851	7.64	0.19	72.26	20	4	6.28	20	20	3	497993	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
+-----+-----+																			
		32	82 1	3	0	-143247	2.45	0.02	6.28	20	20	6.28	20	20	2	40317	359219	--	-
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-219381	15.03	0.18	69.12	20	5	6.28	20	20	3	497839	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
		28 1	2	0	-162127	2.16	0.02	6.28	20	20	6.28	20	20	2	309385	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-446201	7.39	0.18	69.12	20	5	6.28	20	20	3	497839	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
		83 1	3	0	-72693	4.83	0.02	6.28	20	20	6.28	20	20	2	40317	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-39988	8.78	0.02	6.28	20	20	6.28	20	20	3	222560	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
		50 1	3	0	-93467	3.75	0.02	6.28	20	20	6.28	20	20	2	309385	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-263791	1.33	0.02	6.28	20	20	6.28	20	20	3	222560	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
+-----+-----+																			
		33	83 1	3	0	-81816	4.29	0.02	6.28	20	20	6.28	20	20	2	33334	359219	--	-
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-44041	7.97	0.02	6.28	20	20	6.28	20	20	3	223157	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
		50 1	3	0	-117712	2.98	0.02	6.28	20	20	6.28	20	20	2	314492	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-266412	1.32	0.02	6.28	20	20	6.28	20	20	3	223157	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
		84 1	3	0	-153887	2.28	0.02	6.28	20	20	6.28	20	20	2	33334	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-234983	14.03	0.18	69.12	20	5	6.28	20	20	3	497827	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
		29 1	3	0	-184391	1.90	0.02	6.28	20	20	6.28	20	20	2	314492	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-463602	7.11	0.18	69.12	20	5	6.28	20	20	3	497827	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
+-----+-----+																			
		34	84 1	3	0	-155253	2.26	0.02	6.28	20	20	6.28	20	20	2	36412	359219	--	-
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
		2	3	0	-234602	14.06	0.18	69.12	20	5	6.28	20	20	3	497677	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00												
		29 1	3	0	-173790	2.02	0.02	6.28	20	20	6.28	20	20	2	311867	359219	--	-	
-	--	-0.0	-0.0	-0.0	0.00	0.00	0.00	0											

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-	31 1	3	0	-180042	1.95	0.02	6.28	20	20	6.28	20	20	2	312642	359219	--	
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-469876	7.30	0.19	72.26	20	4	6.28	20	20	3	498345	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
+-----+																	
	38	88 1	3	0	-159232	2.20	0.02	6.28	20	20	6.28	20	20	2	35249	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-241693	14.19	0.19	72.26	20	4	6.28	20	20	3	498391	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		31 1	3	0	-183510	1.91	0.02	6.28	20	20	6.28	20	20	2	312889	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-470365	7.29	0.19	72.26	20	4	6.28	20	20	3	498391	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		89 1	3	0	-87539	4.01	0.02	6.28	20	20	6.28	20	20	2	35249	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-48086	7.30	0.02	6.28	20	20	6.28	20	20	3	223807	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		59 1	3	0	-116555	3.01	0.02	6.28	20	20	6.28	20	20	2	312889	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-271164	1.29	0.02	6.28	20	20	6.28	20	20	3	223807	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
+-----+																	
	39	89 1	3	0	-83274	4.21	0.02	6.28	20	20	6.28	20	20	2	36412	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-46232	7.59	0.02	6.28	20	20	6.28	20	20	3	223537	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		59 1	3	0	-104889	3.35	0.02	6.28	20	20	6.28	20	20	2	311867	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-269832	1.30	0.02	6.28	20	20	6.28	20	20	3	223537	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		90 1	3	0	-155253	2.26	0.02	6.28	20	20	6.28	20	20	2	36412	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-234602	14.06	0.18	69.12	20	5	6.28	20	20	3	497677	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		32 1	3	0	-173790	2.02	0.02	6.28	20	20	6.28	20	20	2	311867	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-462135	7.14	0.18	69.12	20	5	6.28	20	20	3	497677	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
+-----+																	
	40	90 1	3	0	-153887	2.28	0.02	6.28	20	20	6.28	20	20	2	33334	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-234983	14.03	0.18	69.12	20	5	6.28	20	20	3	497827	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		32 1	3	0	-184391	1.90	0.02	6.28	20	20	6.28	20	20	2	314492	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-463602	7.11	0.18	69.12	20	5	6.28	20	20	3	497827	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		91 1	3	0	-81816	4.29	0.02	6.28	20	20	6.28	20	20	2	33334	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-44041	7.97	0.02	6.28	20	20	6.28	20	20	3	223157	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		62 1	3	0	-117712	2.98	0.02	6.28	20	20	6.28	20	20	2	314492	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-266412	1.32	0.02	6.28	20	20	6.28	20	20	3	223157	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
+-----+																	
	41	91 1	3	0	-72693	4.83	0.02	6.28	20	20	6.28	20	20	2	40317	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-39988	8.78	0.02	6.28	20	20	6.28	20	20	3	222560	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		62 1	3	0	-93467	3.75	0.02	6.28	20	20	6.28	20	20	2	309385	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	-263791	1.33	0.02	6.28	20	20	6.28	20	20	3	222560	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		92 1	3	0	-143247	2.45	0.02	6.28	20	20	6.28	20	20	2	40317	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										

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- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-219381	15.03	0.18 69.12	20	5	6.28	20	20	3	497839	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-162127	2.16	0.02 6.28	20	20	6.28	20	20	2	309385	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	7.39	0.18 69.12	20	5	6.28	20	20	3	497839	359219 ---	
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0											
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-143325	2.45	0.02 6.28	20	20	6.28	20	20	2	26771	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-220114	15.58	0.19 72.26	20	4	6.28	20	20	3	497993	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-180470	1.94	0.02 6.28	20	20	6.28	20	20	2	321348	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-448851	7.64	0.19 72.26	20	4	6.28	20	20	3	497993	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-68188	5.15	0.02 6.28	20	20	6.28	20	20	2	26771	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-32421	10.82	0.02 6.28	20	20	6.28	20	20	3	222432	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-109534	3.20	0.02 6.28	20	20	6.28	20	20	2	321348	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-245069	1.43	0.02 6.28	20	20	6.28	20	20	3	222432	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0											
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-45907	7.64	0.02 6.28	20	20	6.28	20	20	2	51376	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-30675	11.44	0.02 6.28	20	20	6.28	20	20	3	221985	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-73574	4.77	0.02 6.28	20	20	6.28	20	20	2	302264	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-238361	1.47	0.02 6.28	20	20	6.28	20	20	3	221985	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0											
+-----+																	
Shell Presso-Tensoflessione Armatura Taglio																	
Staffe S.L.E. Tensioni Fessurazione cdi																	
nodo d c N M sic. x/d AfSup Ø p. AfInf Ø p. c VSdu VRdu																	
Ø n. p. tClsRa tClsQP tAccRa wkFr wkQP wkRa																	
n.ro n.ro n. N/m Nm/m cm²/m mm cm cm²/m mm cm n. N/m N/m																	
mm n. cm MPa MPa MPa mm mm mm																	
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-124999	2.81	0.02 6.28	20	20	6.28	20	20	2	51376	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-127151	26.97	0.19 72.26	20	4	6.28	20	20	2	500709	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-151417	2.32	0.02 6.28	20	20	6.28	20	20	2	302264	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-330925	10.36	0.19 72.26	20	4	6.28	20	20	2	500709	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0											
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-126337	2.78	0.02 6.28	20	20	6.28	20	20	2	10149	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-129646	26.45	0.19 72.26	20	4	6.28	20	20	2	501278	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-182234	1.93	0.02 6.28	20	20	6.28	20	20	2	340531	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-334861	10.24	0.19 72.26	20	4	6.28	20	20	2	501278	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-22220	15.79	0.02 6.28	20	20	6.28	20	20	3	10889	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-22269	15.76	0.02 6.28	20	20	6.28	20	20	3	223043	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-83759	4.19	0.02 6.28	20	20	6.28	20	20	2	340531	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0	-224816	1.56	0.02 6.28	20	20	6.28	20	20	3	223043	359219 ---
- ---	-0.0	-0.0	-0.0 0.00	0.00	0.00 0.00	0											

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	45	95 1	2	0	-35372	9.92	0.02	6.28	20	20	6.28	20	20	2	69938	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			2	2	0	-23253	15.09	0.02	6.28	20	20	6.28	20	20	3	222300	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			68 1	2	0	-55681	6.30	0.02	6.28	20	20	6.28	20	20	2	268210	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	2	0	-221660	1.58	0.02	6.28	20	20	6.28	20	20	3	222300	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			96 1	2	0	-98145	3.58	0.02	6.28	20	20	6.28	20	20	2	69938	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	2	0	-117502	26.94	0.17	65.97	20	5	6.28	20	20	3	488705	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			35 1	2	0	-116931	3.00	0.02	6.28	20	20	6.28	20	20	2	268210	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	3	0	-326357	9.70	0.17	65.97	20	5	6.28	20	20	3	488705	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-----+-----																				
	46	96 1	2	0	-100329	3.50	0.02	6.28	20	20	6.28	20	20	2	15177	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	2	0	-122820	25.77	0.17	65.97	20	5	6.28	20	20	3	489816	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			35 1	2	0	-171326	2.05	0.02	6.28	20	20	6.28	20	20	2	353967	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	3	0	-332699	9.51	0.17	65.97	20	5	6.28	20	20	3	489816	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			97 1	3	0	30211	11.62	0.02	6.28	20	20	6.28	20	20	2	15177	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	3	0	45307	7.75	0.02	6.28	20	20	6.28	20	20	3	221828	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			71 1	3	0	-60675	5.78	0.02	6.28	20	20	6.28	20	20	2	353967	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	2	0	-197962	1.77	0.02	6.28	20	20	6.28	20	20	3	221828	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-----+-----																				
	47	97 1	3	0	14265	24.60	0.02	6.28	20	20	6.28	20	20	2	62643	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	3	0	34757	10.10	0.02	6.28	20	20	6.28	20	20	3	223706	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			71 1	1	0	-16929	20.73	0.02	6.28	20	20	6.28	20	20	2	148604	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	2	0	-177774	1.97	0.02	6.28	20	20	6.28	20	20	3	223706	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			98 1	2	0	-42183	8.32	0.02	6.28	20	20	6.28	20	20	2	62643	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	2	0	-118857	16.22	0.09	37.70	20	8	6.28	20	20	3	395930	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			36 1	2	0	-40869	8.59	0.02	6.28	20	20	6.28	20	20	2	148604	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	2	0	-282646	6.82	0.09	37.70	20	8	6.28	20	20	3	395930	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-----+-----																				
	48	98 1	2	0	-84284	4.16	0.02	6.28	20	20	6.28	20	20	2	8463	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	2	0	-132027	14.60	0.09	37.70	20	8	6.28	20	20	3	396769	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			36 1	2	0	-127488	2.75	0.02	6.28	20	20	6.28	20	20	2	206112	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	2	0	-295220	6.53	0.09	37.70	20	8	6.28	20	20	3	396769	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			99 1	4	0	-29269	11.99	0.02	6.28	20	20	6.28	20	20	2	8463	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	3	0	91607	3.83	0.02	6.28	20	20	6.28	20	20	3	221317	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			74 1	3	0	-75583	4.64	0.02	6.28	20	20	6.28	20	20	2	206112	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												

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-	-		2	2	0	-138391	2.54	0.02	6.28	20	20	6.28	20	20	3	221317	359219	--	-	
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00												
+-----+																				
-	-	49	100	1	3	0	35834	9.79	0.02	6.28	20	20	6.28	20	20	2	14790	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0											
-	-			2	1	0	-31509	11.14	0.02	6.28	20	20	6.28	20	20	3	135797	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00													
-	-		75	1	3	0	-55814	6.29	0.02	6.28	20	20	6.28	20	20	3	7855	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-	-			2	2	0	-96763	3.63	0.02	6.28	20	20	6.28	20	20	3	135797	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00													
-	-		101	1	3	0	35135	9.99	0.02	6.28	20	20	6.28	20	20	2	14790	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-	-			2	3	0	70063	5.01	0.02	6.28	20	20	6.28	20	20	3	117371	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00													
-	-		76	1	3	0	-56814	6.18	0.02	6.28	20	20	6.28	20	20	3	7855	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-	-			2	2	0	-20065	17.49	0.02	6.28	20	20	6.28	20	20	3	117371	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00													
+-----+																				
+-----+																				
Shell																				
Staffe	S.L.E.	Tensioni	Fessurazione	cd																
	nodo	d	c	N	M	sic.	x/d	AfSup	Ø	p.	AfInf	Ø	p.	c	VSdu	VRdu				
Ø	n.	p.	tClsRa	tClsQP	tAccRa	wkFr	wkQP	wkRa												
	n.ro	n.ro	n.	N/m	Nm/m															
	mm	n.	cm	MPa	MPa	MPa	mm	mm	mm											
+-----+																				
-	-	50	101	1	3	0	23261	15.09	0.02	6.28	20	20	6.28	20	20	2	24350	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-	-			2	3	0	75597	4.64	0.02	6.28	20	20	6.28	20	20	3	115350	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00													
-	-		76	1	1	0	-16585	21.16	0.02	6.28	20	20	6.28	20	20	2	60806	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-	-			2	2	0	-19927	17.61	0.02	6.28	20	20	6.28	20	20	3	115350	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00													
-	-		102	1	2	0	-35799	9.80	0.02	6.28	20	20	6.28	20	20	2	24350	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-	-			2	2	0	-49393	7.11	0.02	6.28	20	20	6.28	20	20	3	145646	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00													
-	-		77	1	2	0	-41555	8.45	0.02	6.28	20	20	6.28	20	20	2	60806	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-	-			2	3	0	-126022	2.78	0.02	6.28	20	20	6.28	20	20	3	145646	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00													
+-----+																				
-	-	51	102	1	3	0	20747	16.92	0.02	6.28	20	20	6.28	20	20	2	41967	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-	-			2	1	0	-44853	7.82	0.02	6.28	20	20	6.28	20	20	3	145687	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00													
-	-		77	1	2	0	-34196	10.26	0.02	6.28	20	20	6.28	20	20	2	21936	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-	-			2	3	0	-125705	2.79	0.02	6.28	20	20	6.28	20	20	3	145687	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00													
-	-		103	1	2	0	-39680	8.84	0.02	6.28	20	20	6.28	20	20	2	41967	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-	-			2	3	0	76409	4.59	0.02	6.28	20	20	6.28	20	20	3	127949	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00													
-	-		78	1	2	0	-54521	6.44	0.02	6.28	20	20	6.28	20	20	2	21936	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-	-			2	2	0	-25041	14.02	0.02	6.28	20	20	6.28	20	20	3	127949	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00													
+-----+																				
-	-	52	103	1	2	0	-30732	11.42	0.02	6.28	20	20	6.28	20	20	2	28574	359219	--	-
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												

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- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	77074	4.55	0.02	6.28	20	20	6.28	20	20	3	127635	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-53443	6.57	0.02	6.28	20	20	6.28	20	20	2	63138	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-26139	13.43	0.02	6.28	20	20	6.28	20	20	3	127635	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-59865	5.86	0.02	6.28	20	20	6.28	20	20	2	28574	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-49867	7.04	0.02	6.28	20	20	6.28	20	20	3	156720	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-81676	4.30	0.02	6.28	20	20	6.28	20	20	2	63138	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-140079	2.51	0.02	6.28	20	20	6.28	20	20	3	156720	359219	-- -
+-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-57227	6.13	0.02	6.28	20	20	6.28	20	20	2	30137	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-51387	6.83	0.02	6.28	20	20	6.28	20	20	3	156801	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-70371	4.99	0.02	6.28	20	20	6.28	20	20	3	7638	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-140627	2.50	0.02	6.28	20	20	6.28	20	20	3	156801	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-65522	5.36	0.02	6.28	20	20	6.28	20	20	2	30137	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	70718	4.96	0.02	6.28	20	20	6.28	20	20	3	129450	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-79143	4.43	0.02	6.28	20	20	6.28	20	20	3	7638	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-35407	9.91	0.02	6.28	20	20	6.28	20	20	3	129450	359219	-- -
+-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-59965	5.85	0.02	6.28	20	20	6.28	20	20	2	10454	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	67798	5.18	0.02	6.28	20	20	6.28	20	20	3	129143	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-77122	4.55	0.02	6.28	20	20	6.28	20	20	2	43820	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-34637	10.13	0.02	6.28	20	20	6.28	20	20	3	129143	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-77381	4.54	0.02	6.28	20	20	6.28	20	20	2	10454	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-73872	4.75	0.02	6.28	20	20	6.28	20	20	3	157891	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-93656	3.75	0.02	6.28	20	20	6.28	20	20	2	43820	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-165183	2.12	0.02	6.28	20	20	6.28	20	20	3	157891	359219	-- -
+-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-77688	4.52	0.02	6.28	20	20	6.28	20	20	2	15044	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-79491	4.42	0.02	6.28	20	20	6.28	20	20	3	158633	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-101848	3.45	0.02	6.28	20	20	6.28	20	20	3	21235	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-169174	2.07	0.02	6.28	20	20	6.28	20	20	3	158633	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-73997	4.74	0.02	6.28	20	20	6.28	20	20	2	15044	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	75814	4.63	0.02	6.28	20	20	6.28	20	20	3	128706	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-97692	3.59	0.02	6.28	20	20	6.28	20	20	3	21235	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-38127	9.20	0.02	6.28	20	20	6.28	20	20	3	128706	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00													
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-	56	107 1	3	0	-97705	3.59	0.02	6.28	20	20	6.28	20	20	3	4247	359219	--	-		
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-			2	3	0	72289	4.85	0.02	6.28	20	20	6.28	20	20	3	128421	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-			82 1	3	0	-100116	3.51	0.02	6.28	20	20	6.28	20	20	2	32843	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-----+-----																				
-----+-----																				
	Shell				Presso-Tensoflessione						Armatura						Taglio			
Staffe		S.L.E.	Tensioni		Fessurazione		cd													
			nodo d	c	N	M	sic.	x/d	AfSup	Ø p.	AfInf	Ø p.	c	VSdu		VRdu				
Ø n.	p.	tClsRa	tClsQP	tAccRa	wkFr	wkQP	wkRa													
		n.ro	n.ro	n.	N/m	Nm/m				cm ² /m	mm	cm	cm ² /m	mm	cm	n.	N/m	N/m		
	mm	n.	cm	MPa	MPa	MPa	mm		mm		mm									
-----+-----																				
-			2	2	0	-37428	9.38	0.02	6.28	20	20	6.28	20	20	3	128421	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-			108 1	3	0	-105986	3.31	0.02	6.28	20	20	6.28	20	20	3	4247	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-			2	3	0	-100039	3.51	0.02	6.28	20	20	6.28	20	20	3	158612	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-			83 1	3	0	-105409	3.33	0.02	6.28	20	20	6.28	20	20	2	32843	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-			2	3	0	-191352	1.83	0.02	6.28	20	20	6.28	20	20	3	158612	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-----+-----																				
-			57	108 1	3	0	-112320	3.12	0.02	6.28	20	20	6.28	20	20	2	8005	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-			2	3	0	-102146	3.44	0.02	6.28	20	20	6.28	20	20	3	158849	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-			83 1	3	0	-114153	3.07	0.02	6.28	20	20	6.28	20	20	2	25895	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-			2	3	0	-192260	1.83	0.02	6.28	20	20	6.28	20	20	3	158849	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-			109 1	3	0	-105547	3.33	0.02	6.28	20	20	6.28	20	20	2	8005	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-			2	3	0	72740	4.82	0.02	6.28	20	20	6.28	20	20	3	128765	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-			84 1	3	0	-107607	3.26	0.02	6.28	20	20	6.28	20	20	2	25895	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-			2	2	0	-38393	9.14	0.02	6.28	20	20	6.28	20	20	3	128765	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-----+-----																				
-			58	109 1	3	0	-112224	3.13	0.02	6.28	20	20	6.28	20	20	3	6118	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-			2	3	0	71279	4.92	0.02	6.28	20	20	6.28	20	20	3	128814	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-			84 1	3	0	-110457	3.18	0.02	6.28	20	20	6.28	20	20	2	28971	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-			2	2	0	-38054	9.22	0.02	6.28	20	20	6.28	20	20	3	128814	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-			110 1	3	0	-119047	2.95	0.02	6.28	20	20	6.28	20	20	3	6118	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-			2	3	0	-106103	3.31	0.02	6.28	20	20	6.28	20	20	3	159025	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-			85 1	3	0	-114878	3.06	0.02	6.28	20	20	6.28	20	20	2	28971	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-			2	3	0	-197375	1.78	0.02	6.28	20	20	6.28	20	20	3	159025	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-----+-----																				
-			59	110 1	3	0	-121398	2.89	0.02	6.28	20	20	6.28	20	20	2	5911	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-			2	3	0	-107066	3.28	0.02	6.28	20	20	6.28	20	20	3	159163	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00														
-			85 1	3	0	-119077	2.95	0.02	6.28	20	20	6.28	20	20	2	27793	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0													

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-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-197721	1.78	0.02	6.28	20	20	6.28	20	20	3	159163	359219	--	-			
			111		3	0	-114076	3.08	0.02	6.28	20	20	6.28	20	20	2	5911	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		3	0	72447	4.84	0.02	6.28	20	20	6.28	20	20	3	129010	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			86		3	0	-112713	3.11	0.02	6.28	20	20	6.28	20	20	2	27793	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		2	0	-38296	9.16	0.02	6.28	20	20	6.28	20	20	3	129010	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
+-----+-----+																									
	60	111		3	0	-116124	3.02	0.02	6.28	20	20	6.28	20	20	2	5552	359219	--	-						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		3	0	71992	4.87	0.02	6.28	20	20	6.28	20	20	3	129027	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			86		3	0	-113557	3.09	0.02	6.28	20	20	6.28	20	20	2	28123	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		2	0	-38199	9.19	0.02	6.28	20	20	6.28	20	20	3	129027	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			112		3	0	-123076	2.85	0.02	6.28	20	20	6.28	20	20	2	5552	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		3	0	-108305	3.24	0.02	6.28	20	20	6.28	20	20	3	159279	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			87		3	0	-118805	2.95	0.02	6.28	20	20	6.28	20	20	2	28123	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		3	0	-199375	1.76	0.02	6.28	20	20	6.28	20	20	3	159279	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
+-----+-----+																									
	61	112		3	0	-123076	2.85	0.02	6.28	20	20	6.28	20	20	2	5552	359219	--	-						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		3	0	-108305	3.24	0.02	6.28	20	20	6.28	20	20	3	159279	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			87		3	0	-118805	2.95	0.02	6.28	20	20	6.28	20	20	2	28123	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		3	0	-199375	1.76	0.02	6.28	20	20	6.28	20	20	3	159279	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			113		3	0	-116124	3.02	0.02	6.28	20	20	6.28	20	20	2	5552	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		3	0	71992	4.87	0.02	6.28	20	20	6.28	20	20	3	129027	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			88		3	0	-113557	3.09	0.02	6.28	20	20	6.28	20	20	2	28123	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		2	0	-38199	9.19	0.02	6.28	20	20	6.28	20	20	3	129027	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
+-----+-----+																									
	62	113		3	0	-114076	3.08	0.02	6.28	20	20	6.28	20	20	2	5911	359219	--	-						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		3	0	72447	4.84	0.02	6.28	20	20	6.28	20	20	3	129010	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			88		3	0	-112713	3.11	0.02	6.28	20	20	6.28	20	20	2	27793	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		2	0	-38296	9.16	0.02	6.28	20	20	6.28	20	20	3	129010	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			114		3	0	-121398	2.89	0.02	6.28	20	20	6.28	20	20	2	5911	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			12		3	0	-107066	3.28	0.02	6.28	20	20	6.28	20	20	3	159163	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
			89		3	0	-119077	2.95	0.02	6.28	20	20	6.28	20	20	2	27793	359219	--	-					
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													--	-			
+-----+-----+																									
	Shell				Presso-Tenso				Armatura											Taglio					
	Staffe				S.L.E. Tensioni				Fessurazione											VSdu		VRdu			
					nodo d		c		N		M		sic.		x/d AfSup		Ø p.		Ø p.		c				
	Ø n.		p.		tClsRa		tClsQP		tAccRa		wkFr		wkQP		wkRa										
					n.ro		n.ro		n.		N/m		Nm/m								cm²/m mm		cm cm²/m mm cm n.		
					mm n.		cm		MPa		MPa		MPa		mm		mm		mm				N/m		N/m

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-		2	3	0	-79491	4.42	0.02	6.28	20	20	6.28	20	20	3	158633	359219 --			
---	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
		93 1	3	0	-101848	3.45	0.02	6.28	20	20	6.28	20	20	3	21235	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	3	0	-169174	2.07	0.02	6.28	20	20	6.28	20	20	3	158633	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
+																			
	67	118 1	2	0	-77381	4.54	0.02	6.28	20	20	6.28	20	20	2	10454	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	3	0	-73872	4.75	0.02	6.28	20	20	6.28	20	20	3	157891	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
		93 1	2	0	-93656	3.75	0.02	6.28	20	20	6.28	20	20	2	43820	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	3	0	-165183	2.12	0.02	6.28	20	20	6.28	20	20	3	157891	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
		119 1	2	0	-59965	5.85	0.02	6.28	20	20	6.28	20	20	2	10454	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	4	0	67798	5.18	0.02	6.28	20	20	6.28	20	20	3	129143	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
		94 1	2	0	-77122	4.55	0.02	6.28	20	20	6.28	20	20	2	43820	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	2	0	-34637	10.13	0.02	6.28	20	20	6.28	20	20	3	129143	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
+																			
	68	119 1	2	0	-65522	5.36	0.02	6.28	20	20	6.28	20	20	2	30137	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	3	0	70718	4.96	0.02	6.28	20	20	6.28	20	20	3	129450	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
		94 1	2	0	-79143	4.43	0.02	6.28	20	20	6.28	20	20	3	7638	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	2	0	-35407	9.91	0.02	6.28	20	20	6.28	20	20	3	129450	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
		120 1	2	0	-57227	6.13	0.02	6.28	20	20	6.28	20	20	2	30137	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	3	0	-51387	6.83	0.02	6.28	20	20	6.28	20	20	3	156801	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
		95 1	2	0	-70371	4.99	0.02	6.28	20	20	6.28	20	20	3	7638	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	3	0	-140627	2.50	0.02	6.28	20	20	6.28	20	20	3	156801	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
+																			
	69	120 1	2	0	-59865	5.86	0.02	6.28	20	20	6.28	20	20	2	28574	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	3	0	-49867	7.04	0.02	6.28	20	20	6.28	20	20	3	156720	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
+																			
Shell		Presso-Tensoflessione						Armatatura						Taglio					
Staffe	S.L.E. Tensioni			Fessurazione cd															
		node d	c	N	M	sic.		x/d AfSup	Ø p.	AfInf	Ø p.		c	VSdu		VRdu			
Ø n.	p.	tClsRa	tClsQP	tAccRa	wkFr	wkQP	wkRa												
		n.ro	n.ro		n.	N/m	Nm/m								n.	N/m	N/m		
mm n.	cm	MPa	MPa	MPa	mm	mm	mm												
+																			
		95 1	2	0	-81676	4.30	0.02	6.28	20	20	6.28	20	20	2	63138	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	3	0	-140079	2.51	0.02	6.28	20	20	6.28	20	20	3	156720	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
		121 1	2	0	-30732	11.42	0.02	6.28	20	20	6.28	20	20	2	28574	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	3	0	77074	4.55	0.02	6.28	20	20	6.28	20	20	3	127635	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													
		96 1	2	0	-53443	6.57	0.02	6.28	20	20	6.28	20	20	2	63138	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00	0												
		2	2	0	-26139	13.43	0.02	6.28	20	20	6.28	20	20	3	127635	359219 --			
-	-0.0	-0.0	-0.0 0.00	0.00	0.00	0.00													

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	70	121	1	2	0	-39680	8.84	0.02	6.28	20	20	6.28	20	20	2	41967	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	3	0	76409	4.59	0.02	6.28	20	20	6.28	20	20	3	127949	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													
			1	2	0	-54521	6.44	0.02	6.28	20	20	6.28	20	20	2	21936	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	2	0	-25041	14.02	0.02	6.28	20	20	6.28	20	20	3	127949	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													
			1	3	0	20747	16.92	0.02	6.28	20	20	6.28	20	20	2	41967	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	1	0	-44853	7.82	0.02	6.28	20	20	6.28	20	20	3	145687	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													
			1	2	0	-34196	10.26	0.02	6.28	20	20	6.28	20	20	2	21936	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	3	0	-125705	2.79	0.02	6.28	20	20	6.28	20	20	3	145687	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													

	71	122	1	2	0	-35799	9.80	0.02	6.28	20	20	6.28	20	20	2	24350	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	2	0	-49393	7.11	0.02	6.28	20	20	6.28	20	20	3	145646	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													
			1	2	0	-41555	8.45	0.02	6.28	20	20	6.28	20	20	2	60806	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	3	0	-126022	2.78	0.02	6.28	20	20	6.28	20	20	3	145646	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													
			1	3	0	23261	15.09	0.02	6.28	20	20	6.28	20	20	2	24350	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	3	0	75597	4.64	0.02	6.28	20	20	6.28	20	20	3	115350	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													
			1	1	0	-16585	21.16	0.02	6.28	20	20	6.28	20	20	2	60806	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	2	0	-19927	17.61	0.02	6.28	20	20	6.28	20	20	3	115350	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													

	72	123	1	3	0	35135	9.99	0.02	6.28	20	20	6.28	20	20	2	14790	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	3	0	70063	5.01	0.02	6.28	20	20	6.28	20	20	3	117371	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													
			1	3	0	-56814	6.18	0.02	6.28	20	20	6.28	20	20	3	7855	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	2	0	-20065	17.49	0.02	6.28	20	20	6.28	20	20	3	117371	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													
			1	3	0	35834	9.79	0.02	6.28	20	20	6.28	20	20	2	14790	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	1	0	-31509	11.14	0.02	6.28	20	20	6.28	20	20	3	135797	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													
			1	3	0	-55814	6.29	0.02	6.28	20	20	6.28	20	20	3	7855	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	2	0	-96763	3.63	0.02	6.28	20	20	6.28	20	20	3	135797	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													

	73	38	1	4	0	122358	2.87	0.02	6.28	20	20	6.28	20	20	3	4714	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	4	0	363483	1.44	0.03	6.28	20	20	9.42	20	20	3	215851	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													
			1	3	0	-44091	7.96	0.02	6.28	20	20	6.28	20	20	2	9043	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	4	0	228216	1.54	0.02	6.28	20	20	6.28	20	20	3	215851	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													
			1	4	0	121953	2.88	0.02	6.28	20	20	6.28	20	20	3	4714	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												
			2	4	0	266866	1.32	0.02	6.28	20	20	6.28	20	20	3	228009	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00													
			1	3	0	-45678	7.68	0.02	6.28	20	20	6.28	20	20	2	9043	359219	--		-
-	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0												

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-		2	4	0	133045	2.64	0.02	6.28	20	20	6.28	20	20	3	228009	359219	--	-	
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
+-----+																			
-		74	39 1	4	0	9467	37.07	0.02	6.28	20	20	6.28	20	20	2	49335	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
-			2	4	0	261381	1.34	0.02	6.28	20	20	6.28	20	20	3	224634	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
-			126 1	4	0	48199	7.28	0.02	6.28	20	20	6.28	20	20	2	11434	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
-			2	4	0	134686	2.61	0.02	6.28	20	20	6.28	20	20	3	224634	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
-			40 1	2	0	-16248	21.60	0.02	6.28	20	20	6.28	20	20	2	49335	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
-			2	4	0	374694	1.40	0.03	6.28	20	20	9.42	20	20	3	196212	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
-			127 1	4	0	41238	8.51	0.02	6.28	20	20	6.28	20	20	2	11434	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
-			2	4	0	244607	1.43	0.02	6.28	20	20	6.28	20	20	3	196212	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
+-----+																			
-		75	40 1	4	0	51946	6.76	0.02	6.28	20	20	6.28	20	20	2	19573	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
-			2	4	0	373367	1.41	0.03	6.28	20	20	9.42	20	20	3	199690	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
-			127 1	3	0	-28820	12.18	0.02	6.28	20	20	6.28	20	20	2	22613	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
-			2	4	0	246737	1.42	0.02	6.28	20	20	6.28	20	20	3	199690	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
-			42 1	4	0	47022	7.46	0.02	6.28	20	20	6.28	20	20	2	19573	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
-			2	4	0	262620	1.34	0.02	6.28	20	20	6.28	20	20	3	203444	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
+-----+																			
Shell Presso-Tensoflessione Armatura Taglio																			
Staffe S.L.E. Tensioni Fessurazione cd																			
nodo d c N M sic. x/d AfSup Ø p. AfInf Ø p. c VSdu VRdu																			
Ø n. p. tClsRa tClsQP tAccRa wkFr wkQP wkRa																			
n.ro n.ro n. N/m Nm/m cm²/m mm cm cm²/m mm cm . N/m N/m																			
mm n. cm MPa MPa MPa mm mm mm																			
+-----+																			
-			128 1	3	0	-39210	8.95	0.02	6.28	20	20	6.28	20	20	2	22613	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
-			2	4	0	139902	2.51	0.02	6.28	20	20	6.28	20	20	3	203444	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
+-----+																			
-		76	42 1	4	0	18432	19.04	0.02	6.28	20	20	6.28	20	20	2	51811	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
-			2	4	0	259434	1.35	0.02	6.28	20	20	6.28	20	20	3	202714	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
-			128 1	4	0	15379	22.82	0.02	6.28	20	20	6.28	20	20	2	13787	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
-			2	4	0	143744	2.44	0.02	6.28	20	20	6.28	20	20	3	202714	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
-			43 1	2	0	-37497	9.36	0.02	6.28	20	20	6.28	20	20	2	51811	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
-			2	4	0	377444	1.39	0.03	6.28	20	20	9.42	20	20	4	178447	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
-			129 1	2	0	-27718	12.66	0.02	6.28	20	20	6.28	20	20	2	13787	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											
-			2	4	0	256662	1.37	0.02	6.28	20	20	6.28	20	20	4	178447	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00												
+-----+																			
-		77	43 1	4	0	29492	11.90	0.02	6.28	20	20	6.28	20	20	3	5419	359219	--	-
-		-0.0	-0.0	-0.0	0.00	0.00	0.00	0											



Ponte sullo Stretto di Messina
PROGETTO DEFINITIVO

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		2	4	0	377245	1.39	0.03	6.28	20	20	9.42	20	20	4	179669	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		29	1	2	0	-33956	10.34	0.02	6.28	20	20	6.28	20	20	2	17986	359219	-- -	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	4	0	258625	1.36	0.02	6.28	20	20	6.28	20	20	4	179669	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		45	1	4	0	29803	11.78	0.02	6.28	20	20	6.28	20	20	3	5419	359219	-- -	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	261189	1.34	0.02	6.28	20	20	6.28	20	20	3	194560	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		130	1	2	0	-39785	8.82	0.02	6.28	20	20	6.28	20	20	2	17986	359219	-- -	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	146847	2.39	0.02	6.28	20	20	6.28	20	20	3	194560	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													

		78	45	1	2	0	-30970	11.33	0.02	6.28	20	20	6.28	20	20	2	35942	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	4	0	259801	1.35	0.02	6.28	20	20	6.28	20	20	3	193373	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		130	1	2	0	-30668	11.44	0.02	6.28	20	20	6.28	20	20	2	4506	359219	-- -	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	149865	2.34	0.02	6.28	20	20	6.28	20	20	3	193373	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		46	1	2	0	-45397	7.73	0.02	6.28	20	20	6.28	20	20	2	35942	359219	-- -	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	404568	1.30	0.03	6.28	20	20	9.42	20	20	4	174082	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		131	1	2	0	-41542	8.45	0.02	6.28	20	20	6.28	20	20	2	4506	359219	-- -	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	287280	1.22	0.02	6.28	20	20	6.28	20	20	4	174082	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													

		79	46	1	2	0	-37560	9.34	0.02	6.28	20	20	6.28	20	20	2	17295	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	408104	1.29	0.03	6.28	20	20	9.42	20	20	4	174594	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		131	1	2	0	-43002	8.16	0.02	6.28	20	20	6.28	20	20	2	10041	359219	-- -	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	291714	1.20	0.02	6.28	20	20	6.28	20	20	4	174594	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		48	1	3	0	39541	8.88	0.02	6.28	20	20	6.28	20	20	2	17295	359219	-- -	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	283851	1.24	0.02	6.28	20	20	6.28	20	20	3	193662	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		132	1	2	0	-42234	8.31	0.02	6.28	20	20	6.28	20	20	2	10041	359219	-- -	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	171744	2.04	0.02	6.28	20	20	6.28	20	20	3	193662	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													

		80	48	1	2	0	-34974	10.03	0.02	6.28	20	20	6.28	20	20	2	27318	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	283330	1.24	0.02	6.28	20	20	6.28	20	20	3	192587	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		132	1	2	0	-37926	9.25	0.02	6.28	20	20	6.28	20	20	3	5066	359219	-- -	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	173643	2.02	0.02	6.28	20	20	6.28	20	20	3	192587	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		49	1	2	0	-44743	7.84	0.02	6.28	20	20	6.28	20	20	2	27318	359219	-- -	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	457299	1.15	0.03	6.28	20	20	9.42	20	20	4	173564	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		133	1	2	0	-44087	7.96	0.02	6.28	20	20	6.28	20	20	3	5066	359219	-- -	
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	339399	1.03	0.02	6.28	20	20	6.28	20	20	4	173564	359219	-- -		
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00													

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-	81	49 1	2	0	-40829	8.60	0.02	6.28	20	20	6.28	20	20	2	22333	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	458129	1.15	0.03	6.28	20	20	9.42	20	20	4	173798	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		133 1	2	0	-44073	7.96	0.02	6.28	20	20	6.28	20	20	2	5883	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	340595	1.03	0.02	6.28	20	20	6.28	20	20	4	173798	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		51 1	3	0	34949	10.04	0.02	6.28	20	20	6.28	20	20	2	22333	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	310358	1.13	0.02	6.28	20	20	6.28	20	20	3	194620	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		134 1	2	0	-40512	8.66	0.02	6.28	20	20	6.28	20	20	2	5883	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	198491	1.77	0.02	6.28	20	20	6.28	20	20	3	194620	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
+-----+																	
	82	51 1	2	0	-34234	10.25	0.02	6.28	20	20	6.28	20	20	2	24344	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
+-----+																	
	Shell				Presso-Tensoflessione						Armatura				Taglio		
Staffe	S.L.E.	Tensioni	Fessurazione	cd													
		nodo	d	c	N	M	sic.	x/d	AfSup	Ø	p.	AfInf	Ø	p.	c	VSdu	VRdu
Ø	n.	p.	tClsRa	tClsQP	tAccRa	wkFr	wkQP	wkRa									
		n.ro	n.ro	n.	N/m	Nm/m										N/m	N/m
		mm	n.	cm	MPa	MPa	MPa	mm	mm	mm							
+-----+																	
		2	3	0	309988	1.13	0.02	6.28	20	20	6.28	20	20	3	194188	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		134 1	2	0	-38473	9.12	0.02	6.28	20	20	6.28	20	20	3	6553	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	199275	1.76	0.02	6.28	20	20	6.28	20	20	3	194188	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		52 1	2	0	-42265	8.30	0.02	6.28	20	20	6.28	20	20	2	24344	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	482631	1.09	0.03	6.28	20	20	9.42	20	20	4	173597	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		135 1	2	0	-42956	8.17	0.02	6.28	20	20	6.28	20	20	3	6553	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	363884	1.44	0.03	6.28	20	20	9.42	20	20	4	173597	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
+-----+																	
	83	52 1	2	0	-40594	8.65	0.02	6.28	20	20	6.28	20	20	2	23718	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	483062	1.09	0.03	6.28	20	20	9.42	20	20	4	173694	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		135 1	2	0	-42734	8.21	0.02	6.28	20	20	6.28	20	20	3	5364	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	364513	1.44	0.03	6.28	20	20	9.42	20	20	4	173694	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		54 1	3	0	34192	10.26	0.02	6.28	20	20	6.28	20	20	2	23718	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	321767	1.09	0.02	6.28	20	20	6.28	20	20	3	195301	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		136 1	2	0	-38440	9.13	0.02	6.28	20	20	6.28	20	20	3	5364	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	209915	1.67	0.02	6.28	20	20	6.28	20	20	3	195301	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
+-----+																	
	84	54 1	2	0	-32969	10.64	0.02	6.28	20	20	6.28	20	20	2	23814	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	321652	1.09	0.02	6.28	20	20	6.28	20	20	3	195172	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00											
		136 1	2	0	-37825	9.28	0.02	6.28	20	20	6.28	20	20	3	6183	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										

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- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	210168	1.67	0.02	6.28	20	20	6.28	20	20	3	195172	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-40661	8.63	0.02	6.28	20	20	6.28	20	20	2	23814	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	490984	1.07	0.03	6.28	20	20	9.42	20	20	4	173653	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-42076	8.34	0.02	6.28	20	20	6.28	20	20	3	6183	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	372002	1.41	0.03	6.28	20	20	9.42	20	20	4	173653	359219	-- -
+-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-40661	8.63	0.02	6.28	20	20	6.28	20	20	2	23814	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	490984	1.07	0.03	6.28	20	20	9.42	20	20	4	173653	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-42076	8.34	0.02	6.28	20	20	6.28	20	20	3	6183	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	372002	1.41	0.03	6.28	20	20	9.42	20	20	4	173653	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-32969	10.64	0.02	6.28	20	20	6.28	20	20	2	23814	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	321652	1.09	0.02	6.28	20	20	6.28	20	20	3	195172	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-37825	9.28	0.02	6.28	20	20	6.28	20	20	3	6183	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	210168	1.67	0.02	6.28	20	20	6.28	20	20	3	195172	359219	-- -
+-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	34192	10.26	0.02	6.28	20	20	6.28	20	20	2	23718	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	321767	1.09	0.02	6.28	20	20	6.28	20	20	3	195301	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-38440	9.13	0.02	6.28	20	20	6.28	20	20	3	5364	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	209915	1.67	0.02	6.28	20	20	6.28	20	20	3	195301	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-40594	8.65	0.02	6.28	20	20	6.28	20	20	2	23718	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	483062	1.09	0.03	6.28	20	20	9.42	20	20	4	173694	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-42734	8.21	0.02	6.28	20	20	6.28	20	20	3	5364	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	364513	1.44	0.03	6.28	20	20	9.42	20	20	4	173694	359219	-- -
+-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-42265	8.30	0.02	6.28	20	20	6.28	20	20	2	24344	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	482631	1.09	0.03	6.28	20	20	9.42	20	20	4	173596	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-42956	8.17	0.02	6.28	20	20	6.28	20	20	3	6553	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	363884	1.44	0.03	6.28	20	20	9.42	20	20	4	173596	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-34234	10.25	0.02	6.28	20	20	6.28	20	20	2	24344	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	309988	1.13	0.02	6.28	20	20	6.28	20	20	3	194188	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-38473	9.12	0.02	6.28	20	20	6.28	20	20	3	6553	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	199275	1.76	0.02	6.28	20	20	6.28	20	20	3	194188	359219	-- -
+-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	34949	10.04	0.02	6.28	20	20	6.28	20	20	2	22333	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	310358	1.13	0.02	6.28	20	20	6.28	20	20	3	194620	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00													

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-	140	1	2	0	-40512	8.66	0.02	6.28	20	20	6.28	20	20	2	5883	359219	--	-							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	3	0	198491	1.77	0.02	6.28	20	20	6.28	20	20	3	194620	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	61	1	2	0	-40829	8.60	0.02	6.28	20	20	6.28	20	20	2	22333	359219	--	-							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-----+-----																									
-----+-----																									
	Shell																								
Staffe		S.L.E.	Tensioni		Presso-Tensoflessione																				
		nodo	d	c		N		M		sic.		x/d	AfSup	∅	p.		AfInf	∅	p.		c	VSdu		VRdu	
∅	n.		p.		tClsRa	tClsQP	tAccRa	wkFr	wkQP	wkRa															
		n.ro	n.ro		n.		N/m		Nm/m				cm ² /m	mm	cm	cm ² /m	mm	cm	n.		N/m		N/m		
		mm	n.		cm	MPa	MPa		MPa	mm		mm		mm											
-----+-----																									
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	3	0	458129	1.15	0.03	6.28	20	20	9.42	20	20	4	173798	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	0	-44073	7.96	0.02	6.28	20	20	6.28	20	20	2	5883	359219	--	-							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	3	0	340595	1.03	0.02	6.28	20	20	6.28	20	20	4	173798	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-----+-----																									
-	89	61	1	2	0	-44743	7.84	0.02	6.28	20	20	6.28	20	20	2	27318	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	3	0	457299	1.15	0.03	6.28	20	20	9.42	20	20	4	173564	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	0	-44087	7.96	0.02	6.28	20	20	6.28	20	20	3	5066	359219	--	-							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	3	0	339399	1.03	0.02	6.28	20	20	6.28	20	20	4	173564	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	63	1	2	0	-34974	10.03	0.02	6.28	20	20	6.28	20	20	2	27318	359219	--	-							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	3	0	283330	1.24	0.02	6.28	20	20	6.28	20	20	3	192587	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	142	1	2	0	-37926	9.25	0.02	6.28	20	20	6.28	20	20	3	5066	359219	--	-							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	3	0	173643	2.02	0.02	6.28	20	20	6.28	20	20	3	192587	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-----+-----																									
-	90	63	1	3	0	39541	8.88	0.02	6.28	20	20	6.28	20	20	2	17295	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	142	1	2	3	0	283851	1.24	0.02	6.28	20	20	6.28	20	20	3	193662	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	142	1	2	0	-42234	8.31	0.02	6.28	20	20	6.28	20	20	2	10041	359219	--	-							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	3	0	171744	2.04	0.02	6.28	20	20	6.28	20	20	3	193662	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	64	1	2	0	-37560	9.34	0.02	6.28	20	20	6.28	20	20	2	17295	359219	--	-							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	3	0	408104	1.29	0.03	6.28	20	20	9.42	20	20	4	174594	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	143	1	2	0	-43002	8.16	0.02	6.28	20	20	6.28	20	20	2	10041	359219	--	-							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	3	0	291714	1.20	0.02	6.28	20	20	6.28	20	20	4	174594	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-----+-----																									
-	91	64	1	2	0	-45397	7.73	0.02	6.28	20	20	6.28	20	20	2	35942	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	143	1	2	3	0	404568	1.30	0.03	6.28	20	20	9.42	20	20	4	174082	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	143	1	2	0	-41542	8.45	0.02	6.28	20	20	6.28	20	20	2	4506	359219	--	-							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	141	1	2	3	0	287280	1.22	0.02	6.28	20	20	6.28	20	20	4	174082	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-	66	1	2	0	-30970	11.33	0.02	6.28	20	20	6.28	20	20	2	35942	359219	--	-							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		

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		2	4	0	259802	1.35	0.02	6.28	20	20	6.28	20	20	3	193373	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		144	1	2	0	-30668	11.44	0.02	6.28	20	20	6.28	20	20	2	4506	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	149865	2.34	0.02	6.28	20	20	6.28	20	20	3	193373	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													

+																				
		92	66	1	4	0	29803	11.78	0.02	6.28	20	20	6.28	20	20	3	5419	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	261189	1.34	0.02	6.28	20	20	6.28	20	20	3	194560	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		144	1	2	0	-39785	8.82	0.02	6.28	20	20	6.28	20	20	2	17986	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	3	0	146847	2.39	0.02	6.28	20	20	6.28	20	20	3	194560	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		67	1	4	0	29492	11.90	0.02	6.28	20	20	6.28	20	20	2	3778	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	4	0	377247	1.39	0.03	6.28	20	20	9.42	20	20	4	179669	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		145	1	2	0	-33956	10.34	0.02	6.28	20	20	6.28	20	20	2	17986	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	4	0	258627	1.36	0.02	6.28	20	20	6.28	20	20	4	179669	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													

+																				
		93	67	1	2	0	-37497	9.36	0.02	6.28	20	20	6.28	20	20	2	51811	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	4	0	377446	1.39	0.03	6.28	20	20	9.42	20	20	4	178448	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		145	1	2	0	-27718	12.66	0.02	6.28	20	20	6.28	20	20	2	13787	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	4	0	256664	1.37	0.02	6.28	20	20	6.28	20	20	4	178448	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		69	1	4	0	18433	19.04	0.02	6.28	20	20	6.28	20	20	2	51811	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	4	0	259435	1.35	0.02	6.28	20	20	6.28	20	20	3	202714	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		146	1	4	0	15379	22.82	0.02	6.28	20	20	6.28	20	20	2	13787	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	4	0	143745	2.44	0.02	6.28	20	20	6.28	20	20	3	202714	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													

+																				
		94	69	1	4	0	47022	7.46	0.02	6.28	20	20	6.28	20	20	2	19573	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	4	0	262621	1.34	0.02	6.28	20	20	6.28	20	20	3	203444	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		146	1	3	0	-39210	8.95	0.02	6.28	20	20	6.28	20	20	2	22613	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	4	0	139903	2.51	0.02	6.28	20	20	6.28	20	20	3	203444	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		70	1	4	0	51946	6.76	0.02	6.28	20	20	6.28	20	20	2	19573	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	4	0	373369	1.41	0.03	6.28	20	20	9.42	20	20	3	199690	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													
		147	1	3	0	-28820	12.18	0.02	6.28	20	20	6.28	20	20	2	22613	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
		2	4	0	246738	1.42	0.02	6.28	20	20	6.28	20	20	3	199690	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00													

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	Shell			Presso-Tenso	flessione			Armatura			Taglio									
Staffe	S.L.E.	Tensioni	Fessurazione	cd																
	nodo	d c	N	M	sic.	x/d	AfSup	Ø p.	AfInf	Ø p.	c	VSdu	VRdu							
Ø n.	p.	tClsRa	tClsQP	tAccRa	wkFr	wkQP	wkRa													
	n.ro	n.ro	n.	N/m	Nm/m			cm²/m	mm	cm	cm²/m	mm	cm	n.	N/m	N/m				
mm	n.	cm	MPa	MPa	MPa	mm	mm	mm												

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	95	70 1	2	0	-16248	21.60	0.02	6.28	20	20	6.28	20	20	2	49335	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			2	4	0	374696	1.40	0.03	6.28	20	20	9.42	20	20	3	196212	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			147 1	4	0	41238	8.51	0.02	6.28	20	20	6.28	20	20	2	11434	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	244609	1.43	0.02	6.28	20	20	6.28	20	20	3	196212	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			72 1	4	0	9466	37.07	0.02	6.28	20	20	6.28	20	20	2	49335	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	261382	1.34	0.02	6.28	20	20	6.28	20	20	3	224634	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			148 1	4	0	48199	7.28	0.02	6.28	20	20	6.28	20	20	2	11434	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	134687	2.61	0.02	6.28	20	20	6.28	20	20	3	224634	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
+-----+-----+																				
	96	72 1	4	0	121953	2.88	0.02	6.28	20	20	6.28	20	20	3	4714	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	266867	1.32	0.02	6.28	20	20	6.28	20	20	3	228009	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			148 1	3	0	-45678	7.68	0.02	6.28	20	20	6.28	20	20	2	9043	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	133046	2.64	0.02	6.28	20	20	6.28	20	20	3	228009	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			73 1	4	0	122358	2.87	0.02	6.28	20	20	6.28	20	20	3	4714	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	363484	1.44	0.03	6.28	20	20	9.42	20	20	3	215851	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			149 1	3	0	-44091	7.96	0.02	6.28	20	20	6.28	20	20	2	9043	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	228217	1.54	0.02	6.28	20	20	6.28	20	20	3	215851	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
+-----+-----+																				
	97	125 1	3	0	-34980	10.03	0.02	6.28	20	20	6.28	20	20	2	6758	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	180847	1.94	0.02	6.28	20	20	6.28	20	20	3	209645	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			150 1	4	0	13163	26.66	0.02	6.28	20	20	6.28	20	20	2	1323	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	58736	5.98	0.02	6.28	20	20	6.28	20	20	3	209645	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			126 1	3	0	-36545	9.60	0.02	6.28	20	20	6.28	20	20	2	6758	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	221987	1.58	0.02	6.28	20	20	6.28	20	20	3	205141	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			151 1	4	0	12638	27.77	0.02	6.28	20	20	6.28	20	20	2	1323	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	99499	3.53	0.02	6.28	20	20	6.28	20	20	3	205141	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
+-----+-----+																				
	98	126 1	4	0	46994	7.47	0.02	6.28	20	20	6.28	20	20	2	15556	359219	--	-		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	226653	1.55	0.02	6.28	20	20	6.28	20	20	3	208146	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			151 1	3	0	-44357	7.91	0.02	6.28	20	20	6.28	20	20	2	8031	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	104204	3.37	0.02	6.28	20	20	6.28	20	20	3	208146	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			127 1	4	0	43778	8.02	0.02	6.28	20	20	6.28	20	20	2	15556	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
				2	4	0	159318	2.20	0.02	6.28	20	20	6.28	20	20	3	202546	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												
			152 1	3	0	-50259	6.98	0.02	6.28	20	20	6.28	20	20	2	8031	359219	--	-	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0												

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-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	38472	9.12	0.02	6.28	20	20	6.28	20	20	3	202546	359219	--	-																																																																																																						
+-----+																																																																																																																												
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-23849	14.72	0.02	6.28	20	20	6.28	20	20	2	19937	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	154541	2.27	0.02	6.28	20	20	6.28	20	20	3	201381	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-27728	12.66	0.02	6.28	20	20	6.28	20	20	2	9323	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	38211	9.18	0.02	6.28	20	20	6.28	20	20	3	201381	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-30840	11.38	0.02	6.28	20	20	6.28	20	20	2	19937	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	250979	1.40	0.02	6.28	20	20	6.28	20	20	3	194276	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-31784	11.04	0.02	6.28	20	20	6.28	20	20	2	9323	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	132029	2.66	0.02	6.28	20	20	6.28	20	20	3	194276	359219	--	-																																																																																																						
+-----+																																																																																																																												
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-14029	25.02	0.02	6.28	20	20	6.28	20	20	2	18285	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	251040	1.40	0.02	6.28	20	20	6.28	20	20	3	195976	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-48087	7.30	0.02	6.28	20	20	6.28	20	20	2	12036	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	134047	2.62	0.02	6.28	20	20	6.28	20	20	3	195976	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-22791	15.40	0.02	6.28	20	20	6.28	20	20	2	18285	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	150216	2.34	0.02	6.28	20	20	6.28	20	20	3	191762	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-55610	6.31	0.02	6.28	20	20	6.28	20	20	2	12036	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	35741	9.82	0.02	6.28	20	20	6.28	20	20	3	191762	359219	--	-																																																																																																						
+-----+																																																																																																																												
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-33038	10.62	0.02	6.28	20	20	6.28	20	20	2	14218	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	148368	2.37	0.02	6.28	20	20	6.28	20	20	3	191154	359219	--	-																																																																																																						
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-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	36694	9.56	0.02	6.28	20	20	6.28	20	20	3	191154	359219	--	-																																																																																																						
+-----+																																																																																																																												
<table border="0"> <thead> <tr> <th colspan="2"> Shell </th> <th colspan="10">Presso-Tensoflessione</th> <th colspan="4">Armatatura</th> <th colspan="2">Taglio</th> </tr> <tr> <th>Staffe</th> <th>S.L.E.</th> <th>Tensioni</th> <th colspan="3">Fessurazione</th> <th colspan="7"> cd </th> <th colspan="4"></th> <th colspan="2"></th> </tr> <tr> <th> </th> <th> </th> <th>node</th> <th>c</th> <th>N</th> <th>M</th> <th>sic.</th> <th>x/d</th> <th>AfSup</th> <th>Ø p.</th> <th>AfInf</th> <th>Ø p.</th> <th>c</th> <th>VSdu</th> <th>VRdu</th> </tr> <tr> <th>Ø n.</th> <th> p.</th> <th>tClsRa</th> <th>tClsQP</th> <th>tAccRa</th> <th>wkFr</th> <th>wkQP</th> <th>wkRa</th> <th colspan="7"></th> <th colspan="2"></th> </tr> <tr> <th> </th> <th> </th> <th>n.ro</th> <th>n.ro</th> <th>n.</th> <th>N/m</th> <th>Nm/m</th> <th> </th> <th> </th> <th>cm²/m</th> <th>mm</th> <th>cm</th> <th>cm²/m</th> <th>mm</th> <th>cm</th> <th>n.</th> <th>N/m</th> <th>N/m</th> </tr> <tr> <th> mm</th> <th> n.</th> <th> cm</th> <th>MPa</th> <th>MPa</th> <th>MPa</th> <th>mm</th> <th>mm</th> <th>mm</th> <th> </th> <th> </th> <th> </th> <th> </th> <th> </th> <th> </th> </tr> </thead> </table>																							Shell		Presso-Tensoflessione										Armatatura				Taglio		Staffe	S.L.E.	Tensioni	Fessurazione			cd															node	c	N	M	sic.	x/d	AfSup	Ø p.	AfInf	Ø p.	c	VSdu	VRdu	Ø n.	p.	tClsRa	tClsQP	tAccRa	wkFr	wkQP	wkRa												n.ro	n.ro	n.	N/m	Nm/m			cm²/m	mm	cm	cm²/m	mm	cm	n.	N/m	N/m	mm	n.	cm	MPa	MPa	MPa	mm	mm	mm						
Shell		Presso-Tensoflessione										Armatatura				Taglio																																																																																																												
Staffe	S.L.E.	Tensioni	Fessurazione			cd																																																																																																																						
		node	c	N	M	sic.	x/d	AfSup	Ø p.	AfInf	Ø p.	c	VSdu	VRdu																																																																																																														
Ø n.	p.	tClsRa	tClsQP	tAccRa	wkFr	wkQP	wkRa																																																																																																																					
		n.ro	n.ro	n.	N/m	Nm/m			cm²/m	mm	cm	cm²/m	mm	cm	n.	N/m	N/m																																																																																																											
mm	n.	cm	MPa	MPa	MPa	mm	mm	mm																																																																																																																				
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-40979	8.56	0.02	6.28	20	20	6.28	20	20	2	14218	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	265862	1.32	0.02	6.28	20	20	6.28	20	20	3	187201	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-43187	8.13	0.02	6.28	20	20	6.28	20	20	2	7776	359219	--	-																																																																																																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	145430	2.41	0.02	6.28	20	20	6.28	20	20	3	187201	359219	--	-																																																																																																						
+-----+																																																																																																																												
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-34563	10.15	0.02	6.28	20	20	6.28	20	20	2	8817	359219	--	-																																																																																																						

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- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	268218	1.31	0.02	6.28	20	20	6.28	20	20	3	188415	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-45526	7.71	0.02	6.28	20	20	6.28	20	20	2	8105	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	149393	2.35	0.02	6.28	20	20	6.28	20	20	3	188415	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-39030	8.99	0.02	6.28	20	20	6.28	20	20	2	8817	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	157125	2.23	0.02	6.28	20	20	6.28	20	20	3	188340	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-51643	6.80	0.02	6.28	20	20	6.28	20	20	2	8105	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	40283	8.71	0.02	6.28	20	20	6.28	20	20	3	188340	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00													-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-41379	8.48	0.02	6.28	20	20	6.28	20	20	2	5850	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	157049	2.23	0.02	6.28	20	20	6.28	20	20	3	187744	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-48326	7.26	0.02	6.28	20	20	6.28	20	20	2	2644	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	42537	8.25	0.02	6.28	20	20	6.28	20	20	3	187744	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-45153	7.77	0.02	6.28	20	20	6.28	20	20	2	5850	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	299818	1.17	0.02	6.28	20	20	6.28	20	20	3	186578	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-49865	7.04	0.02	6.28	20	20	6.28	20	20	2	2644	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	180184	1.95	0.02	6.28	20	20	6.28	20	20	3	186578	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00													-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-41345	8.49	0.02	6.28	20	20	6.28	20	20	3	2455	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	302428	1.16	0.02	6.28	20	20	6.28	20	20	3	187427	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-49859	7.04	0.02	6.28	20	20	6.28	20	20	2	3756	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	183475	1.91	0.02	6.28	20	20	6.28	20	20	3	187427	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-42382	8.28	0.02	6.28	20	20	6.28	20	20	3	2455	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	168119	2.09	0.02	6.28	20	20	6.28	20	20	3	188481	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-52688	6.66	0.02	6.28	20	20	6.28	20	20	2	3756	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	51934	6.76	0.02	6.28	20	20	6.28	20	20	3	188481	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00													-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-42452	8.27	0.02	6.28	20	20	6.28	20	20	3	2565	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	168080	2.09	0.02	6.28	20	20	6.28	20	20	3	188037	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-50687	6.92	0.02	6.28	20	20	6.28	20	20	4	3127	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	53212	6.60	0.02	6.28	20	20	6.28	20	20	3	188037	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-43849	8.00	0.02	6.28	20	20	6.28	20	20	3	2565	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	327238	1.07	0.02	6.28	20	20	6.28	20	20	3	187611	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-49871	7.04	0.02	6.28	20	20	6.28	20	20	4	3127	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	207131	1.69	0.02	6.28	20	20	6.28	20	20	3	187611	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00													-- -

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-	106	134 1	2	0	-41875	8.38	0.02	6.28	20	20	6.28	20	20	3	1371	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	328339	1.07	0.02	6.28	20	20	6.28	20	20	3	187994	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	208558	1.68	0.02	6.28	20	20	6.28	20	20	3	187994	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	178865	1.96	0.02	6.28	20	20	6.28	20	20	3	189213	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	62695	5.60	0.02	6.28	20	20	6.28	20	20	3	189213	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											

-	107	135 1	2	0	-41211	8.52	0.02	6.28	20	20	6.28	20	20	3	2823	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	178862	1.96	0.02	6.28	20	20	6.28	20	20	3	189047	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	63257	5.55	0.02	6.28	20	20	6.28	20	20	3	189047	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	340084	1.03	0.02	6.28	20	20	6.28	20	20	3	188407	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	219583	1.60	0.02	6.28	20	20	6.28	20	20	3	188407	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											

Shell	Presso-Tensoflessione							Armatura			Taglio			
Staffe	S.L.E. Tensioni			Fessurazione										
	nodo	d	c	N	M	sic.	x/d	AfSup	Øp.	AfInf	Øp.	c	VSdu	VRdu
Ø	n.	p.	tClsRa	tClsQP	tAccRa	wkFr	wkQP	wkRa						
	n.ro	n.ro	n.	N/m	Nm/m				cm ² /m	mm	cm	cm ² /m	mm	cm
	mm	n.	cm	MPa	MPa	MPa	mm	mm	mm				N/m	N/m

-	108	136 1	2	0	-41270	8.50	0.02	6.28	20	20	6.28	20	20	3	1986	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	340428	1.03	0.02	6.28	20	20	6.28	20	20	3	188526	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	220039	1.59	0.02	6.28	20	20	6.28	20	20	3	188526	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	182313	1.93	0.02	6.28	20	20	6.28	20	20	3	189481	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	66251	5.30	0.02	6.28	20	20	6.28	20	20	3	189481	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											

-	109	137 1	2	0	-40604	8.64	0.02	6.28	20	20	6.28	20	20	3	1986	359219	--
---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	182313	1.93	0.02	6.28	20	20	6.28	20	20	3	189481	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0										
		2	3	0	66251	5.30	0.02	6.28	20	20	6.28	20	20	3	189481	359219	--
-	-0.0	-0.0	-0.0	0.00	0.00	0.00											

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- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	66251	5.30	0.02	6.28	20	20	6.28	20	20	3	189481	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	1986	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	188526	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	2941	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	188526	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	2823	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	188407	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	3464	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	188407	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	2823	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	189047	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	3464	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	189047	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	1371	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	189213	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	2589	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	189213	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	1371	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	187994	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	2589	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	187994	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	2565	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	187611	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	2990	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	187611	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	2565	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	188037	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	2990	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	188037	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	2455	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3	188481	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	0	0	6.28	20	20	6.28	20	20	3			-- -

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-	166 1	2	0	-52688	6.66	0.02	6.28	20	20	6.28	20	20	2	3756	359219	--									
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-		2	3	0	51934	6.76	0.02	6.28	20	20	6.28	20	20	3	188481	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
-		142 1	2	0	-41345	8.49	0.02	6.28	20	20	6.28	20	20	3	2455	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-		2	3	0	302428	1.16	0.02	6.28	20	20	6.28	20	20	3	187427	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
-		167 1	2	0	-49859	7.04	0.02	6.28	20	20	6.28	20	20	2	3756	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-		2	3	0	183475	1.91	0.02	6.28	20	20	6.28	20	20	3	187427	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
+-----+																									
-		114	142 1	2	0	-45153	7.77	0.02	6.28	20	20	6.28	20	20	2	5850	359219	--							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-		2	3	0	299818	1.17	0.02	6.28	20	20	6.28	20	20	3	186578	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
-		167 1	2	0	-49865	7.04	0.02	6.28	20	20	6.28	20	20	2	2644	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
+-----+																									
	Shell			Presso-Tensoflessione					Armatatura					Taglio											
Staffe		S.L.E.	Tensioni		Fessurazione				cd																
		nodod	c		N		M		sic.		x/d	AfSup	Ø	p.		AfInf	Ø	p.		c	VSdu		VRdu		
Ø	n.		p.		tClsRa	tClsQP	tAccRa	wkFr	wkQP	wkRa															
		n.ro	n.ro		n.		N/m		Nm/m																
	mm	n.		cm	MPa	MPa	MPa	mm		mm		mm		cm ² /m		mm		cm ² /m		mm		cm		n.	
+-----+																									
-		2	3	0	180184	1.95	0.02	6.28	20	20	6.28	20	20	3	186578	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
-		143 1	2	0	-41379	8.48	0.02	6.28	20	20	6.28	20	20	2	5850	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-		2	3	0	157049	2.23	0.02	6.28	20	20	6.28	20	20	3	187744	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
-		168 1	2	0	-48326	7.26	0.02	6.28	20	20	6.28	20	20	2	2644	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-		2	3	0	42537	8.25	0.02	6.28	20	20	6.28	20	20	3	187744	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
+-----+																									
-		115	143 1	2	0	-39030	8.99	0.02	6.28	20	20	6.28	20	20	2	8817	359219	--							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-		2	3	0	157125	2.23	0.02	6.28	20	20	6.28	20	20	3	188340	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
-		168 1	2	0	-51643	6.80	0.02	6.28	20	20	6.28	20	20	2	8105	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-		2	3	0	40283	8.71	0.02	6.28	20	20	6.28	20	20	3	188340	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
-		144 1	2	0	-34563	10.15	0.02	6.28	20	20	6.28	20	20	2	8817	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-		2	3	0	268218	1.31	0.02	6.28	20	20	6.28	20	20	3	188415	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
-		169 1	2	0	-45526	7.71	0.02	6.28	20	20	6.28	20	20	2	8105	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-		2	3	0	149393	2.35	0.02	6.28	20	20	6.28	20	20	3	188415	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
+-----+																									
-		116	144 1	2	0	-40979	8.56	0.02	6.28	20	20	6.28	20	20	2	14218	359219	--							
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-		2	3	0	265862	1.32	0.02	6.28	20	20	6.28	20	20	3	187201	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
-		169 1	2	0	-43187	8.13	0.02	6.28	20	20	6.28	20	20	2	7776	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		
-		2	4	0	145431	2.41	0.02	6.28	20	20	6.28	20	20	3	187201	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																			
-		145 1	2	0	-33038	10.62	0.02	6.28	20	20	6.28	20	20	2	14218	359219	--								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																		

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-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	148368	2.37	0.02	6.28	20	20	6.28	20	20	3	191154	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-37370	9.39	0.02	6.28	20	20	6.28	20	20	2	7776	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	36695	9.56	0.02	6.28	20	20	6.28	20	20	3	191154	359219	--	-

+																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-22791	15.40	0.02	6.28	20	20	6.28	20	20	2	18285	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	150217	2.34	0.02	6.28	20	20	6.28	20	20	3	191762	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-55610	6.31	0.02	6.28	20	20	6.28	20	20	2	12036	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	35741	9.82	0.02	6.28	20	20	6.28	20	20	3	191762	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-14029	25.02	0.02	6.28	20	20	6.28	20	20	2	18285	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	251041	1.40	0.02	6.28	20	20	6.28	20	20	3	195976	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-48087	7.30	0.02	6.28	20	20	6.28	20	20	2	12036	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	134048	2.62	0.02	6.28	20	20	6.28	20	20	3	195976	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													

+																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-30840	11.38	0.02	6.28	20	20	6.28	20	20	2	19937	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	250981	1.40	0.02	6.28	20	20	6.28	20	20	3	194276	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-31784	11.04	0.02	6.28	20	20	6.28	20	20	2	9323	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	132030	2.66	0.02	6.28	20	20	6.28	20	20	3	194276	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-23849	14.72	0.02	6.28	20	20	6.28	20	20	2	19937	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	154542	2.27	0.02	6.28	20	20	6.28	20	20	3	201381	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-27728	12.66	0.02	6.28	20	20	6.28	20	20	2	9323	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	38212	9.18	0.02	6.28	20	20	6.28	20	20	3	201381	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													

+																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	43778	8.02	0.02	6.28	20	20	6.28	20	20	2	15556	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	159318	2.20	0.02	6.28	20	20	6.28	20	20	3	202546	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-50259	6.98	0.02	6.28	20	20	6.28	20	20	2	8031	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	38473	9.12	0.02	6.28	20	20	6.28	20	20	3	202546	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	46994	7.47	0.02	6.28	20	20	6.28	20	20	2	15556	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	226654	1.55	0.02	6.28	20	20	6.28	20	20	3	208146	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-44357	7.91	0.02	6.28	20	20	6.28	20	20	2	8031	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	104205	3.37	0.02	6.28	20	20	6.28	20	20	3	208146	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													

+																						
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	-36545	9.60	0.02	6.28	20	20	6.28	20	20	2	6758	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	221988	1.58	0.02	6.28	20	20	6.28	20	20	3	205141	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	12638	27.77	0.02	6.28	20	20	6.28	20	20	2	1323	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	99500	3.53	0.02	6.28	20	20	6.28	20	20	3	205141	359219	--	-
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0													

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-	149	1	3	0	-34980	10.03	0.02	6.28	20	20	6.28	20	20	2	6758	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																	
-	174	1	4	0	180848	1.94	0.02	6.28	20	20	6.28	20	20	3	209645	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																		
-	174	1	4	0	13163	26.66	0.02	6.28	20	20	6.28	20	20	2	1323	359219	--	-						
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																	
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	Shell			Presso-Tensoflessione			Armatura			Taglio														
Staffe		S.L.E.	Tensioni		Fessurazione		cd																	
		nodo	d	c		N		M		sic.		x/d	AfSup	Ø	p.	AfInf	Ø	p.	c	VSdu		VRdu		
Ø	n.	p.		tClsRa	tClsQP	tAccRa	wkFr	wkQP	wkRa															
		n.ro	n.ro		n.		N/m	Nm/m					cm ² /m	mm	cm	cm ² /m	mm	cm	n.		N/m		N/m	
	mm	n.		cm	MPa	MPa	MPa	mm		mm		mm												
-----+-----																								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	58737	5.98	0.02	6.28	20	20	6.28	20	20	3	209645	359219	--	-			
-----+-----																								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	14222	24.68	0.02	6.28	20	20	6.28	20	20	2	2401	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	93219	3.76	0.02	6.28	20	20	6.28	20	20	3	118044	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00		-35797	9.80	0.02	6.28	20	20	6.28	20	20	2	1137	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-19697	17.82	0.02	6.28	20	20	6.28	20	20	3	118044	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00		14042	24.99	0.02	6.28	20	20	6.28	20	20	2	2401	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	77344	4.54	0.02	6.28	20	20	6.28	20	20	3	117417	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00		-36685	9.57	0.02	6.28	20	20	6.28	20	20	2	1137	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-27985	12.54	0.02	6.28	20	20	6.28	20	20	3	117417	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																		
-----+-----																								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-37228	9.43	0.02	6.28	20	20	6.28	20	20	2	6893	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00		72916	4.81	0.02	6.28	20	20	6.28	20	20	3	116545	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00		-49844	7.04	0.02	6.28	20	20	6.28	20	20	2	4278	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-33053	10.62	0.02	6.28	20	20	6.28	20	20	3	116545	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00		-39883	8.80	0.02	6.28	20	20	6.28	20	20	2	6893	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	113505	3.09	0.02	6.28	20	20	6.28	20	20	3	115776	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00		-51383	6.83	0.02	6.28	20	20	6.28	20	20	2	4278	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	19669	17.84	0.02	6.28	20	20	6.28	20	20	3	115776	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00																		
-----+-----																								
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-23866	14.71	0.02	6.28	20	20	6.28	20	20	2	11984	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00		113641	3.09	0.02	6.28	20	20	6.28	20	20	3	117228	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00		-70960	4.95	0.02	6.28	20	20	6.28	20	20	2	6028	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	20204	17.37	0.02	6.28	20	20	6.28	20	20	3	117228	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00		-27844	12.60	0.02	6.28	20	20	6.28	20	20	2	11984	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	60428	5.81	0.02	6.28	20	20	6.28	20	20	3	113525	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00		-74661	4.70	0.02	6.28	20	20	6.28	20	20	2	6028	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0																	

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-	-	181	1	2	0	-57955	6.06	0.02	6.28	20	20	6.28	20	20	2	2919	359219	--	-		
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	7.48	0.02	6.28	20	20	6.28	20	20	3	112810	359219	--	-
-	-	157	1	2	0	-51173	6.86	0.02	6.28	20	20	6.28	20	20	2	5501	359219	--	-		
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	6.38	0.02	6.28	20	20	6.28	20	20	3	110235	359219	--	-
-	-	182	1	2	0	-60797	5.77	0.02	6.28	20	20	6.28	20	20	2	2919	359219	--	-		
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	8.23	0.02	6.28	20	20	6.28	20	20	3	110235	359219	--	-
+-----+-----+																					
-	-	128	157	1	2	0	-51333	6.84	0.02	6.28	20	20	6.28	20	20	4	2738	359219	--	-	
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	6.21	0.02	6.28	20	20	6.28	20	20	3	109830	359219	--	-
-	-	182	1	2	0	-59190	5.93	0.02	6.28	20	20	6.28	20	20	2	2235	359219	--	-		
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	8.69	0.02	6.28	20	20	6.28	20	20	3	109830	359219	--	-
-	-	158	1	2	0	-52843	6.64	0.02	6.28	20	20	6.28	20	20	4	2738	359219	--	-		
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2.25	0.02	6.28	20	20	6.28	20	20	3	112734	359219	--	-
-	-	183	1	2	0	-59637	5.88	0.02	6.28	20	20	6.28	20	20	2	2235	359219	--	-		
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	6.04	0.02	6.28	20	20	6.28	20	20	3	112734	359219	--	-
+-----+-----+																					
-	-	129	158	1	2	0	-51010	6.88	0.02	6.28	20	20	6.28	20	20	3	2907	359219	--	-	
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2.22	0.02	6.28	20	20	6.28	20	20	3	113054	359219	--	-
-	-	183	1	2	0	-59065	5.94	0.02	6.28	20	20	6.28	20	20	4	1621	359219	--	-		
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	5.82	0.02	6.28	20	20	6.28	20	20	3	113054	359219	--	-
-	-	159	1	2	0	-51515	6.81	0.02	6.28	20	20	6.28	20	20	3	2907	359219	--	-		
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	6.17	0.02	6.28	20	20	6.28	20	20	3	110400	359219	--	-
-	-	184	1	2	0	-60112	5.84	0.02	6.28	20	20	6.28	20	20	4	1621	359219	--	-		
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	8.59	0.02	6.28	20	20	6.28	20	20	3	110400	359219	--	-
+-----+-----+																					
-	-	130	159	1	2	0	-50971	6.89	0.02	6.28	20	20	6.28	20	20	3	3584	359219	--	-	
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	6.07	0.02	6.28	20	20	6.28	20	20	3	110137	359219	--	-
-	-	184	1	2	0	-58952	5.95	0.02	6.28	20	20	6.28	20	20	3	893	359219	--	-		
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	8.87	0.02	6.28	20	20	6.28	20	20	3	110137	359219	--	-
-	-	160	1	2	0	-51254	6.85	0.02	6.28	20	20	6.28	20	20	3	3584	359219	--	-		
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	2.12	0.02	6.28	20	20	6.28	20	20	3	113335	359219	--	-
-	-	185	1	2	0	-58278	6.02	0.02	6.28	20	20	6.28	20	20	3	893	359219	--	-		
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													
-	-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	5.21	0.02	6.28	20	20	6.28	20	20	3	113335	359219	--	-
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-	131	160 1	2	0	-50297	6.98	0.02	6.28	20	20	6.28	20	20	3	2735	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	166618	2.11	0.02	6.28	20	20	6.28	20	20	3	113448	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
-			185 1	2	0	-57765	6.08	0.02	6.28	20	20	6.28	20	20	4	1415	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	68364	5.13	0.02	6.28	20	20	6.28	20	20	3	113448	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
-			161 1	2	0	-50175	6.99	0.02	6.28	20	20	6.28	20	20	3	2735	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	58882	5.96	0.02	6.28	20	20	6.28	20	20	3	110580	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
-			186 1	2	0	-58325	6.02	0.02	6.28	20	20	6.28	20	20	4	1415	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	-38971	9.01	0.02	6.28	20	20	6.28	20	20	3	110580	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
+-----+																			
-	132	161 1	2	0	-49921	7.03	0.02	6.28	20	20	6.28	20	20	3	3360	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	59178	5.93	0.02	6.28	20	20	6.28	20	20	3	110504	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
-			186 1	2	0	-57908	6.06	0.02	6.28	20	20	6.28	20	20	3	966	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	-38571	9.10	0.02	6.28	20	20	6.28	20	20	3	110504	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
-			162 1	2	0	-50012	7.02	0.02	6.28	20	20	6.28	20	20	3	3360	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	169010	2.08	0.02	6.28	20	20	6.28	20	20	3	113594	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
-			187 1	2	0	-57175	6.14	0.02	6.28	20	20	6.28	20	20	3	966	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	70590	4.97	0.02	6.28	20	20	6.28	20	20	3	113594	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
+-----+																			
-	133	162 1	2	0	-50012	7.02	0.02	6.28	20	20	6.28	20	20	3	3360	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	169010	2.08	0.02	6.28	20	20	6.28	20	20	3	113594	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
-			187 1	2	0	-57175	6.14	0.02	6.28	20	20	6.28	20	20	3	966	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	70590	4.97	0.02	6.28	20	20	6.28	20	20	3	113594	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
-			163 1	2	0	-49921	7.03	0.02	6.28	20	20	6.28	20	20	3	3360	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	59178	5.93	0.02	6.28	20	20	6.28	20	20	3	110504	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
+-----+																			
Shell Presso-Tensoflessione Armatura Taglio																			
Staffe S.L.E. Tensioni Fessurazione cd																			
nodo d c N M sic. x/d AfSup Ø p. AfInf Ø p. c VSdu VRdu																			
Ø n. p. tClsRa tClsQP tAccRa wkFr wkQP wkRa																			
n.ro n.ro n. N/m Nm/m cm²/m mm cm cm²/m mm cm n. N/m N/m																			
mm n. cm MPa MPa MPa mm mm mm																			
+-----+																			
-			188 1	2	0	-57908	6.06	0.02	6.28	20	20	6.28	20	20	3	966	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	-38571	9.10	0.02	6.28	20	20	6.28	20	20	3	110504	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
+-----+																			
-	134	163 1	2	0	-50175	6.99	0.02	6.28	20	20	6.28	20	20	3	2735	359219	--	-	
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												
-			2	3	0	58882	5.96	0.02	6.28	20	20	6.28	20	20	3	110580	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00													
-			188 1	2	0	-58325	6.02	0.02	6.28	20	20	6.28	20	20	3	1280	359219	--	-
-	0.0	-0.0	-0.0	0.00	0.00	0.00	0												

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- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-38971	9.01	0.02	6.28	20	20	6.28	20	20	3	110580	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-50297	6.98	0.02	6.28	20	20	6.28	20	20	3	2735	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	166618	2.11	0.02	6.28	20	20	6.28	20	20	3	113448	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-57765	6.08	0.02	6.28	20	20	6.28	20	20	3	1280	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	68364	5.13	0.02	6.28	20	20	6.28	20	20	3	113448	359219	-- -
-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-51254	6.85	0.02	6.28	20	20	6.28	20	20	3	3584	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	165688	2.12	0.02	6.28	20	20	6.28	20	20	3	113335	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-58278	6.02	0.02	6.28	20	20	6.28	20	20	3	893	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	67425	5.21	0.02	6.28	20	20	6.28	20	20	3	113335	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-50971	6.89	0.02	6.28	20	20	6.28	20	20	3	3584	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	57799	6.07	0.02	6.28	20	20	6.28	20	20	3	110137	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-58952	5.95	0.02	6.28	20	20	6.28	20	20	3	893	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-39558	8.87	0.02	6.28	20	20	6.28	20	20	3	110137	359219	-- -
-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-51515	6.81	0.02	6.28	20	20	6.28	20	20	3	2907	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	56882	6.17	0.02	6.28	20	20	6.28	20	20	3	110400	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-60112	5.84	0.02	6.28	20	20	6.28	20	20	3	810	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-40849	8.59	0.02	6.28	20	20	6.28	20	20	3	110400	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-51010	6.88	0.02	6.28	20	20	6.28	20	20	3	2907	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	158158	2.22	0.02	6.28	20	20	6.28	20	20	3	113054	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-59065	5.94	0.02	6.28	20	20	6.28	20	20	3	810	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	60283	5.82	0.02	6.28	20	20	6.28	20	20	3	113054	359219	-- -
-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-52843	6.64	0.02	6.28	20	20	6.28	20	20	3	2187	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	156087	2.25	0.02	6.28	20	20	6.28	20	20	3	112734	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-59637	5.88	0.02	6.28	20	20	6.28	20	20	2	2235	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	58152	6.04	0.02	6.28	20	20	6.28	20	20	3	112734	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-51333	6.84	0.02	6.28	20	20	6.28	20	20	3	2187	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	56493	6.21	0.02	6.28	20	20	6.28	20	20	3	109830	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-59190	5.93	0.02	6.28	20	20	6.28	20	20	2	2235	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-40398	8.69	0.02	6.28	20	20	6.28	20	20	3	109830	359219	-- -
-----+																				
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	-51173	6.86	0.02	6.28	20	20	6.28	20	20	2	5501	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0	55001	6.38	0.02	6.28	20	20	6.28	20	20	3	110235	359219	-- -
- ---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0													

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-	192	1	2	0	-60797	5.77	0.02	6.28	20	20	6.28	20	20	2	2919	359219	--	-			
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
-			2	3	0	-42648	8.23	0.02	6.28	20	20	6.28	20	20	3	110235	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
-			168	1	2	0	-48744	7.20	0.02	6.28	20	20	6.28	20	20	2	5501	359219	--	-	
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
-			2	3	0	144522	2.43	0.02	6.28	20	20	6.28	20	20	3	112810	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
-			193	1	2	0	-57955	6.06	0.02	6.28	20	20	6.28	20	20	2	2919	359219	--	-	
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
-			2	3	0	46925	7.48	0.02	6.28	20	20	6.28	20	20	3	112810	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
+-----+																					
-			139	168	1	2	0	-51027	6.88	0.02	6.28	20	20	6.28	20	20	2	5452	359219	--	-
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
-			2	3	0	141849	2.47	0.02	6.28	20	20	6.28	20	20	3	112209	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
-			193	1	2	0	-57439	6.11	0.02	6.28	20	20	6.28	20	20	2	5590	359219	--	-	
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
-			2	3	0	43926	7.99	0.02	6.28	20	20	6.28	20	20	3	112209	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
-			169	1	2	0	-47013	7.47	0.02	6.28	20	20	6.28	20	20	2	5452	359219	--	-	
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
-			2	3	0	56702	6.19	0.02	6.28	20	20	6.28	20	20	3	110346	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
-			194	1	2	0	-54540	6.43	0.02	6.28	20	20	6.28	20	20	2	5590	359219	--	-	
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
-			2	3	0	-40193	8.73	0.02	6.28	20	20	6.28	20	20	3	110346	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
+-----+																					
-			140	169	1	2	0	-43354	8.10	0.02	6.28	20	20	6.28	20	20	2	10637	359219	--	-
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
+-----+																					
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Shell Presso-Tensoflessione Armatura Taglio																					
Staffe S.L.E. Tensioni Fessurazione cd																					
nodo d c N M sic. x/d AfSup Ø p. AfInf Ø p. c VSdu VRdu																					
Ø n. p. tClsRa tClsQP tAccRa wkFr wkQP wkRa																					
n.ro n.ro n. N/m Nm/m cm²/m mm cm cm²/m mm cm . N/m N/m																					
mm n. cm MPa MPa MPa mm mm mm																					
+-----+																					
-			2	3	0	55874	6.28	0.02	6.28	20	20	6.28	20	20	3	110803	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
-			194	1	3	0	-66725	5.26	0.02	6.28	20	20	6.28	20	20	2	6274	359219	--	-	
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
-			2	3	0	-42546	8.25	0.02	6.28	20	20	6.28	20	20	3	110803	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
-			170	1	2	0	-38210	9.19	0.02	6.28	20	20	6.28	20	20	2	10637	359219	--	-	
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
-			2	3	0	127582	2.75	0.02	6.28	20	20	6.28	20	20	3	113908	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
-			195	1	3	0	-63328	5.54	0.02	6.28	20	20	6.28	20	20	2	6274	359219	--	-	
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
-			2	4	0	35030	10.02	0.02	6.28	20	20	6.28	20	20	3	113908	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
+-----+																					
-			141	170	1	3	0	-49686	7.06	0.02	6.28	20	20	6.28	20	20	2	9954	359219	--	-
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
-			2	3	0	126178	2.78	0.02	6.28	20	20	6.28	20	20	3	113049	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
-			195	1	3	0	-63717	5.51	0.02	6.28	20	20	6.28	20	20	2	7782	359219	--	-	
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														
-			2	4	0	34251	10.25	0.02	6.28	20	20	6.28	20	20	3	113049	359219	--	-		
-	-0.0	-0.0	-0.0	0.00	0.00	0.00															
-			171	1	3	0	-45156	7.77	0.02	6.28	20	20	6.28	20	20	2	9954	359219	--	-	
-	-0.0	-0.0	-0.0	0.00	0.00	0.00	0														

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-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	58728	5.98	0.02	6.28	20	20	6.28	20	20	3	112904	359219	--
				2	3	0	-61567	5.70	0.02	6.28	20	20	6.28	20	20	2	7782	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	3	0	-39755	8.83	0.02	6.28	20	20	6.28	20	20	3	112904	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
+-----+-----+																					
		142	171	1	3	0	-27844	12.60	0.02	6.28	20	20	6.28	20	20	2	11984	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	3	0	60428	5.81	0.02	6.28	20	20	6.28	20	20	3	113525	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				196	1	3	0	-74661	4.70	0.02	6.28	20	20	6.28	20	20	2	6028	359219	--	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	3	0	-40612	8.64	0.02	6.28	20	20	6.28	20	20	3	113525	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				172	1	3	0	-23866	14.71	0.02	6.28	20	20	6.28	20	20	2	11984	359219	--	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	4	0	113641	3.09	0.02	6.28	20	20	6.28	20	20	3	117228	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				197	1	3	0	-70960	4.95	0.02	6.28	20	20	6.28	20	20	2	6028	359219	--	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	4	0	20204	17.37	0.02	6.28	20	20	6.28	20	20	3	117228	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
+-----+-----+																					
		143	172	1	3	0	-39883	8.80	0.02	6.28	20	20	6.28	20	20	2	6893	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	4	0	113505	3.09	0.02	6.28	20	20	6.28	20	20	3	115776	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				197	1	3	0	-51383	6.83	0.02	6.28	20	20	6.28	20	20	2	4278	359219	--	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	4	0	19669	17.84	0.02	6.28	20	20	6.28	20	20	3	115776	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				173	1	3	0	-37228	9.43	0.02	6.28	20	20	6.28	20	20	2	6893	359219	--	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	4	0	72916	4.81	0.02	6.28	20	20	6.28	20	20	3	116545	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				198	1	3	0	-49844	7.04	0.02	6.28	20	20	6.28	20	20	2	4278	359219	--	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	3	0	-33053	10.62	0.02	6.28	20	20	6.28	20	20	3	116545	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
+-----+-----+																					
		144	173	1	4	0	14042	24.99	0.02	6.28	20	20	6.28	20	20	2	2401	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	4	0	77344	4.54	0.02	6.28	20	20	6.28	20	20	3	117417	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				198	1	3	0	-36685	9.57	0.02	6.28	20	20	6.28	20	20	2	1137	359219	--	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	3	0	-27985	12.54	0.02	6.28	20	20	6.28	20	20	3	117417	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				174	1	4	0	14222	24.68	0.02	6.28	20	20	6.28	20	20	2	2401	359219	--	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	4	0	93219	3.76	0.02	6.28	20	20	6.28	20	20	3	118044	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				199	1	3	0	-35797	9.80	0.02	6.28	20	20	6.28	20	20	2	1137	359219	--	
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												
				2	3	0	-19697	17.82	0.02	6.28	20	20	6.28	20	20	3	118044	359219	--		
-	---	-0.0	-0.0	-0.0	0.00	0.00	0.00	0.00	0												

VERIFICA SHELL: TUTTE LE VERIFICHE SONO POSITIVE.

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

2. Tabulati di calcolo impalcato

2.1 Tabulati di input modello impalcato

STRAUS7 MODEL EXCHANGE FILE

/ _____

/ MODEL INFORMATION

FileFormat Straus7.2.2.3
ModelName "ImpalcatoL=16.90Rev4"

/ UNITS

LengthUnit m
MassUnit kg
EnergyUnit J
PressureUnit MPa
ForceUnit kN
TemperatureUnit C

/ _____

/ GROUP DEFINITIONS

Group 1 16711680 "\\Model"
Group 2 8401919 "AutoCAD import: 'graticcio4.dxf"
Group 3 4259584 "AutoCAD import: 'graticcio4.dxf\Layer Travi"
Group 6 13382655 "AutoCAD import: 'graticcio4.dxf\Layer Travi\Testata"
Group 7 16777011 "AutoCAD import: 'graticcio4.dxf\Layer Travi\Rastremo"
Group 8 3407769 "AutoCAD import: 'graticcio4.dxf\Layer Travi\Corrente"
Group 4 16711723 "AutoCAD import: 'graticcio4.dxf\Layer Traversi"
Group 5 255 "AutoCAD import: 'graticcio4.dxf\Layer Soletta"
Group 9 3026662 "AutoCAD import: 'graticcio4.dxf\marciapiedi"

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/ FREEDOM CASE DEFINITIONS

FreedomCase 1 "Freedom Case 1"

/ _____

/ LOAD CASE DEFINITIONS

LoadCase 1 "G1"
Acceleration 0.000000000000E+0 0.000000000000E+0 -9.810000000000E+0
LoadCase 2 "G2"

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

LoadCase 5 "Vento Q5"
LoadCase 6 "Carico mobile centrato"

/ _____

/ LOAD CASE COMBINATIONS

LoadCaseCombination 7 "Comb1-SLU"
1 1.35000000000000E+0 2 1.35000000000000E+0 5 9.00000000000000E-1
6 1.35000000000000E+0

LoadCaseCombination 8 "Comb2-SLU"
1 1.35000000000000E+0 2 1.35000000000000E+0 5 1.50000000000000E+0
6 1.01250000000000E+0

LoadCaseCombination 9 "Comb3-SLE R"
1 1.00000000000000E+0 2 1.00000000000000E+0 5 1.00000000000000E+0
6 7.50000000000000E-1

LoadCaseCombination 10 "Comb4-SLE R"
1 1.00000000000000E+0 2 1.00000000000000E+0 5 6.00000000000000E-1
6 1.00000000000000E+0

LoadCaseCombination 11 "Comb5-SLE F"
1 1.00000000000000E+0 2 1.00000000000000E+0 5 2.00000000000000E-1
6 7.50000000000000E-1

LoadCaseCombination 12 "Comb6-SLE QP"
1 1.00000000000000E+0 2 1.00000000000000E+0

/ _____

/ LOAD CASE ENVELOPES

LoadCaseEnvelope "Envelope Case" Abs
1 2 3 4 5 6
7 8 9 10 12 -1
-2 -3 -4 -5 -6 -7
-8 -9 -10 -11 -12 -13
-14 -15 -16 -17

/ _____

/ COORDINATE SYSTEM DEFINITIONS

CoordSys 1 "Global XYZ" GlobalXYZ

/ _____

/ NODE COORDINATES

Node 1 1.8179307008294E+3 8.4265824330295E+2 0.00000000000000E+0

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Node	2	1.8179307008294E+3	8.4243324330274E+2	0.0000000000000E+0
Node	3	1.8179307008294E+3	8.4188324330295E+2	0.0000000000000E+0
Node	4	1.8179307008294E+3	8.4065824330295E+2	0.0000000000000E+0
Node	5	1.8179307008294E+3	8.4020824330311E+2	0.0000000000000E+0
Node	6	1.8179307008294E+3	8.3945824330311E+2	0.0000000000000E+0
Node	7	1.8179307008294E+3	8.3795824330311E+2	0.0000000000000E+0
Node	8	1.8179307008294E+3	8.3645824330311E+2	0.0000000000000E+0
Node	9	1.8179307008294E+3	8.3495824330311E+2	0.0000000000000E+0
Node	10	1.8179307008294E+3	8.3420824330311E+2	0.0000000000000E+0
Node	11	1.8179307008294E+3	8.3345824330311E+2	0.0000000000000E+0
Node	12	1.8179307008294E+3	8.3195824330311E+2	0.0000000000000E+0
Node	13	1.8179307008294E+3	8.3045824330311E+2	0.0000000000000E+0
Node	14	1.8179307008294E+3	8.2895824330311E+2	0.0000000000000E+0
Node	15	1.8179307008294E+3	8.2820824330311E+2	0.0000000000000E+0
Node	16	1.8179307008294E+3	8.2775824330304E+2	0.0000000000000E+0
Node	17	1.8179307008294E+3	8.2653324330308E+2	0.0000000000000E+0
Node	18	1.8179307008294E+3	8.2598324330306E+2	0.0000000000000E+0
Node	19	1.8179307008294E+3	8.2575824330304E+2	0.0000000000000E+0
Node	20	1.8199307008288E+3	8.4265824330295E+2	0.0000000000000E+0
Node	21	1.8199307008288E+3	8.4243324330274E+2	0.0000000000000E+0
Node	22	1.8199307008288E+3	8.4188324330295E+2	0.0000000000000E+0
Node	23	1.8199307008288E+3	8.4065824330295E+2	0.0000000000000E+0
Node	24	1.8199307008288E+3	8.4020824330311E+2	0.0000000000000E+0
Node	25	1.8199307008288E+3	8.3945824330311E+2	0.0000000000000E+0
Node	26	1.8199307008288E+3	8.3795824330311E+2	0.0000000000000E+0
Node	27	1.8199307008288E+3	8.3645824330311E+2	0.0000000000000E+0
Node	28	1.8199307008288E+3	8.3495824330311E+2	0.0000000000000E+0
Node	29	1.8199307008288E+3	8.3420824330311E+2	0.0000000000000E+0
Node	30	1.8199307008288E+3	8.3345824330311E+2	0.0000000000000E+0
Node	31	1.8199307008288E+3	8.3195824330311E+2	0.0000000000000E+0
Node	32	1.8199307008288E+3	8.3045824330311E+2	0.0000000000000E+0
Node	33	1.8199307008288E+3	8.2895824330311E+2	0.0000000000000E+0
Node	34	1.8199307008288E+3	8.2820824330311E+2	0.0000000000000E+0
Node	35	1.8199307008288E+3	8.2775824330304E+2	0.0000000000000E+0
Node	36	1.8199307008288E+3	8.2653324330308E+2	0.0000000000000E+0

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Node	37	1.8199307008288E+3	8.2598324330306E+2	0.0000000000000E+0
Node	38	1.8199307008288E+3	8.2575824330304E+2	0.0000000000000E+0
Node	39	1.8219307008294E+3	8.4265824330295E+2	0.0000000000000E+0
Node	40	1.8219307008294E+3	8.4243324330274E+2	0.0000000000000E+0
Node	41	1.8219307008294E+3	8.4188324330295E+2	0.0000000000000E+0
Node	42	1.8219307008294E+3	8.4065824330295E+2	0.0000000000000E+0
Node	43	1.8219307008294E+3	8.4020824330311E+2	0.0000000000000E+0
Node	44	1.8219307008294E+3	8.3945824330311E+2	0.0000000000000E+0
Node	45	1.8219307008294E+3	8.3795824330311E+2	0.0000000000000E+0
Node	46	1.8219307008294E+3	8.3645824330311E+2	0.0000000000000E+0
Node	47	1.8219307008294E+3	8.3495824330311E+2	0.0000000000000E+0
Node	48	1.8219307008294E+3	8.3420824330311E+2	0.0000000000000E+0
Node	49	1.8219307008294E+3	8.3345824330311E+2	0.0000000000000E+0
Node	50	1.8219307008294E+3	8.3195824330311E+2	0.0000000000000E+0
Node	51	1.8219307008294E+3	8.3045824330311E+2	0.0000000000000E+0
Node	52	1.8219307008294E+3	8.2895824330311E+2	0.0000000000000E+0
Node	53	1.8219307008294E+3	8.2820824330311E+2	0.0000000000000E+0
Node	54	1.8219307008294E+3	8.2775824330304E+2	0.0000000000000E+0
Node	55	1.8219307008294E+3	8.2653324330308E+2	0.0000000000000E+0
Node	56	1.8219307008294E+3	8.2598324330306E+2	0.0000000000000E+0
Node	57	1.8219307008294E+3	8.2575824330304E+2	0.0000000000000E+0
Node	58	1.8239307008294E+3	8.4265824330295E+2	0.0000000000000E+0
Node	59	1.8239307008294E+3	8.4243324330274E+2	0.0000000000000E+0
Node	60	1.8239307008294E+3	8.4188324330295E+2	0.0000000000000E+0
Node	61	1.8239307008294E+3	8.4065824330295E+2	0.0000000000000E+0
Node	62	1.8239307008294E+3	8.4020824330311E+2	0.0000000000000E+0
Node	63	1.8239307008294E+3	8.3945824330311E+2	0.0000000000000E+0
Node	64	1.8239307008294E+3	8.3795824330311E+2	0.0000000000000E+0
Node	65	1.8239307008294E+3	8.3645824330311E+2	0.0000000000000E+0
Node	66	1.8239307008294E+3	8.3495824330311E+2	0.0000000000000E+0
Node	67	1.8239307008294E+3	8.3420824330311E+2	0.0000000000000E+0
Node	68	1.8239307008294E+3	8.3345824330311E+2	0.0000000000000E+0
Node	69	1.8239307008294E+3	8.3195824330311E+2	0.0000000000000E+0
Node	70	1.8239307008294E+3	8.3045824330311E+2	0.0000000000000E+0
Node	71	1.8239307008294E+3	8.2895824330311E+2	0.0000000000000E+0

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Node	72	1.8239307008294E+3	8.2820824330311E+2	0.0000000000000E+0
Node	73	1.8239307008294E+3	8.2775824330304E+2	0.0000000000000E+0
Node	74	1.8239307008294E+3	8.2653324330308E+2	0.0000000000000E+0
Node	75	1.8239307008294E+3	8.2598324330306E+2	0.0000000000000E+0
Node	76	1.8239307008294E+3	8.2575824330304E+2	0.0000000000000E+0
Node	77	1.8259307008288E+3	8.4265824330295E+2	0.0000000000000E+0
Node	78	1.8259307008288E+3	8.4243324330274E+2	0.0000000000000E+0
Node	79	1.8259307008288E+3	8.4188324330295E+2	0.0000000000000E+0
Node	80	1.8259307008288E+3	8.4065824330295E+2	0.0000000000000E+0
Node	81	1.8259307008288E+3	8.4020824330311E+2	0.0000000000000E+0
Node	82	1.8259307008288E+3	8.3945824330311E+2	0.0000000000000E+0
Node	83	1.8259307008288E+3	8.3795824330311E+2	0.0000000000000E+0
Node	84	1.8259307008288E+3	8.3645824330311E+2	0.0000000000000E+0
Node	85	1.8259307008288E+3	8.3495824330311E+2	0.0000000000000E+0
Node	86	1.8259307008288E+3	8.3420824330311E+2	0.0000000000000E+0
Node	87	1.8259307008288E+3	8.3345824330311E+2	0.0000000000000E+0
Node	88	1.8259307008288E+3	8.3195824330311E+2	0.0000000000000E+0
Node	89	1.8259307008288E+3	8.3045824330311E+2	0.0000000000000E+0
Node	90	1.8259307008288E+3	8.2895824330311E+2	0.0000000000000E+0
Node	91	1.8259307008288E+3	8.2820824330311E+2	0.0000000000000E+0
Node	92	1.8259307008288E+3	8.2775824330304E+2	0.0000000000000E+0
Node	93	1.8259307008288E+3	8.2653324330308E+2	0.0000000000000E+0
Node	94	1.8259307008288E+3	8.2598324330306E+2	0.0000000000000E+0
Node	95	1.8259307008288E+3	8.2575824330304E+2	0.0000000000000E+0
Node	96	1.8279307008294E+3	8.4265824330295E+2	0.0000000000000E+0
Node	97	1.8279307008294E+3	8.4243324330274E+2	0.0000000000000E+0
Node	98	1.8279307008294E+3	8.4188324330295E+2	0.0000000000000E+0
Node	99	1.8279307008294E+3	8.4065824330295E+2	0.0000000000000E+0
Node	100	1.8279307008294E+3	8.4020824330311E+2	0.0000000000000E+0
Node	101	1.8279307008294E+3	8.3945824330311E+2	0.0000000000000E+0
Node	102	1.8279307008294E+3	8.3795824330311E+2	0.0000000000000E+0
Node	103	1.8279307008294E+3	8.3645824330311E+2	0.0000000000000E+0
Node	104	1.8279307008294E+3	8.3495824330311E+2	0.0000000000000E+0
Node	105	1.8279307008294E+3	8.3420824330311E+2	0.0000000000000E+0
Node	106	1.8279307008294E+3	8.3345824330311E+2	0.0000000000000E+0

P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
RELAZIONE DI CALCOLO TIPOLOGICA

Codice documento

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Node	107	1.8279307008294E+3	8.3195824330311E+2	0.0000000000000E+0
Node	108	1.8279307008294E+3	8.3045824330311E+2	0.0000000000000E+0
Node	109	1.8279307008294E+3	8.2895824330311E+2	0.0000000000000E+0
Node	110	1.8279307008294E+3	8.2820824330311E+2	0.0000000000000E+0
Node	111	1.8279307008294E+3	8.2775824330304E+2	0.0000000000000E+0
Node	112	1.8279307008294E+3	8.2653324330308E+2	0.0000000000000E+0
Node	113	1.8279307008294E+3	8.2598324330306E+2	0.0000000000000E+0
Node	114	1.8279307008294E+3	8.2575824330304E+2	0.0000000000000E+0
Node	115	1.8189307008288E+3	8.4243324330274E+2	0.0000000000000E+0
Node	116	1.8209307008288E+3	8.4243324330274E+2	0.0000000000000E+0
Node	117	1.8229307008294E+3	8.4243324330274E+2	0.0000000000000E+0
Node	118	1.8249307008294E+3	8.4243324330274E+2	0.0000000000000E+0
Node	119	1.8269307008294E+3	8.4243324330274E+2	0.0000000000000E+0
Node	120	1.8169307008294E+3	8.2598324330306E+2	0.0000000000000E+0
Node	121	1.8189307008288E+3	8.2598324330306E+2	0.0000000000000E+0
Node	122	1.8209307008288E+3	8.2598324330306E+2	0.0000000000000E+0
Node	123	1.8229307008294E+3	8.2598324330306E+2	0.0000000000000E+0
Node	124	1.8249307008294E+3	8.2598324330306E+2	0.0000000000000E+0
Node	125	1.8269307008294E+3	8.2598324330306E+2	0.0000000000000E+0
Node	126	1.8289307008294E+3	8.2598324330306E+2	0.0000000000000E+0
Node	127	1.8156807047445E+3	8.4188324330295E+2	0.0000000000000E+0
Node	128	1.8169307008294E+3	8.4188324330295E+2	0.0000000000000E+0
Node	129	1.8189307008288E+3	8.4188324330295E+2	0.0000000000000E+0
Node	130	1.8209307008294E+3	8.4188324330295E+2	0.0000000000000E+0
Node	131	1.8229307008294E+3	8.4188324330295E+2	0.0000000000000E+0
Node	132	1.8249307008288E+3	8.4188324330295E+2	0.0000000000000E+0
Node	133	1.8269307008294E+3	8.4188324330295E+2	0.0000000000000E+0
Node	134	1.8289307008294E+3	8.4188324330294E+2	0.0000000000000E+0
Node	135	1.8189307008288E+3	8.4065824330295E+2	0.0000000000000E+0
Node	136	1.8209307008294E+3	8.4065824330295E+2	0.0000000000000E+0
Node	137	1.8229307008294E+3	8.4065824330295E+2	0.0000000000000E+0
Node	138	1.8249307008288E+3	8.4065824330295E+2	0.0000000000000E+0
Node	139	1.8269307008294E+3	8.4065824330295E+2	0.0000000000000E+0
Node	140	1.8189307008288E+3	8.3945824330311E+2	0.0000000000000E+0
Node	141	1.8209307008294E+3	8.3945824330311E+2	0.0000000000000E+0

**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
RELAZIONE DI CALCOLO TIPOLOGICA**

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Node	142	1.8229307008294E+3	8.3945824330311E+2	0.0000000000000E+0
Node	143	1.8249307008288E+3	8.3945824330311E+2	0.0000000000000E+0
Node	144	1.8269307008294E+3	8.3945824330311E+2	0.0000000000000E+0
Node	145	1.8189307008288E+3	8.3795824330311E+2	0.0000000000000E+0
Node	146	1.8209307008294E+3	8.3795824330311E+2	0.0000000000000E+0
Node	147	1.8229307008294E+3	8.3795824330311E+2	0.0000000000000E+0
Node	148	1.8249307008288E+3	8.3795824330311E+2	0.0000000000000E+0
Node	149	1.8269307008294E+3	8.3795824330311E+2	0.0000000000000E+0
Node	150	1.8189307008288E+3	8.3645824330311E+2	0.0000000000000E+0
Node	151	1.8209307008294E+3	8.3645824330311E+2	0.0000000000000E+0
Node	152	1.8229307008294E+3	8.3645824330311E+2	0.0000000000000E+0
Node	153	1.8249307008288E+3	8.3645824330311E+2	0.0000000000000E+0
Node	154	1.8269307008294E+3	8.3645824330311E+2	0.0000000000000E+0
Node	155	1.8189307008288E+3	8.3495824330311E+2	0.0000000000000E+0
Node	156	1.8209307008294E+3	8.3495824330311E+2	0.0000000000000E+0
Node	157	1.8229307008294E+3	8.3495824330311E+2	0.0000000000000E+0
Node	158	1.8249307008288E+3	8.3495824330311E+2	0.0000000000000E+0
Node	159	1.8269307008294E+3	8.3495824330311E+2	0.0000000000000E+0
Node	160	1.8189307008288E+3	8.3345824330311E+2	0.0000000000000E+0
Node	161	1.8209307008294E+3	8.3345824330311E+2	0.0000000000000E+0
Node	162	1.8229307008294E+3	8.3345824330311E+2	0.0000000000000E+0
Node	163	1.8249307008288E+3	8.3345824330311E+2	0.0000000000000E+0
Node	164	1.8269307008294E+3	8.3345824330311E+2	0.0000000000000E+0
Node	165	1.8189307008288E+3	8.3195824330311E+2	0.0000000000000E+0
Node	166	1.8209307008294E+3	8.3195824330311E+2	0.0000000000000E+0
Node	167	1.8229307008294E+3	8.3195824330311E+2	0.0000000000000E+0
Node	168	1.8249307008288E+3	8.3195824330311E+2	0.0000000000000E+0
Node	169	1.8269307008294E+3	8.3195824330311E+2	0.0000000000000E+0
Node	170	1.8189307008288E+3	8.3045824330311E+2	0.0000000000000E+0
Node	171	1.8209307008294E+3	8.3045824330311E+2	0.0000000000000E+0
Node	172	1.8229307008294E+3	8.3045824330311E+2	0.0000000000000E+0
Node	173	1.8249307008288E+3	8.3045824330311E+2	0.0000000000000E+0
Node	174	1.8269307008294E+3	8.3045824330311E+2	0.0000000000000E+0
Node	175	1.8189307008288E+3	8.2895824330311E+2	0.0000000000000E+0
Node	176	1.8209307008294E+3	8.2895824330311E+2	0.0000000000000E+0

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Node	177	1.8229307008294E+3	8.2895824330311E+2	0.0000000000000E+0
Node	178	1.8249307008288E+3	8.2895824330311E+2	0.0000000000000E+0
Node	179	1.8269307008294E+3	8.2895824330311E+2	0.0000000000000E+0
Node	180	1.8189307008288E+3	8.2775824330304E+2	0.0000000000000E+0
Node	181	1.8209307008294E+3	8.2775824330304E+2	0.0000000000000E+0
Node	182	1.8229307008294E+3	8.2775824330304E+2	0.0000000000000E+0
Node	183	1.8249307008288E+3	8.2775824330304E+2	0.0000000000000E+0
Node	184	1.8269307008294E+3	8.2775824330304E+2	0.0000000000000E+0
Node	185	1.8189307008288E+3	8.2653324330308E+2	0.0000000000000E+0
Node	186	1.8209307008294E+3	8.2653324330308E+2	0.0000000000000E+0
Node	187	1.8229307008294E+3	8.2653324330308E+2	0.0000000000000E+0
Node	188	1.8249307008288E+3	8.2653324330308E+2	0.0000000000000E+0
Node	189	1.8269307008294E+3	8.2653324330308E+2	0.0000000000000E+0
Node	190	1.8289307008294E+3	8.4243324330274E+2	0.0000000000000E+0
Node	191	1.8301806969130E+3	8.4188324330294E+2	0.0000000000000E+0
Node	192	1.8289307008294E+3	8.4065824330294E+2	0.0000000000000E+0
Node	193	1.8301806969130E+3	8.4065824330294E+2	0.0000000000000E+0
Node	194	1.8289307008294E+3	8.3945824330311E+2	0.0000000000000E+0
Node	195	1.8301806969130E+3	8.3945824330310E+2	0.0000000000000E+0
Node	196	1.8289307008294E+3	8.3795824330311E+2	0.0000000000000E+0
Node	197	1.8301806969130E+3	8.3795824330310E+2	0.0000000000000E+0
Node	198	1.8289307008294E+3	8.3645824330311E+2	0.0000000000000E+0
Node	199	1.8301806969130E+3	8.3645824330310E+2	0.0000000000000E+0
Node	200	1.8289307008294E+3	8.3495824330311E+2	0.0000000000000E+0
Node	201	1.8301806969130E+3	8.3495824330310E+2	0.0000000000000E+0
Node	202	1.8289307008294E+3	8.3345824330311E+2	0.0000000000000E+0
Node	203	1.8301806969130E+3	8.3345824330310E+2	0.0000000000000E+0
Node	204	1.8289307008294E+3	8.3195824330311E+2	0.0000000000000E+0
Node	205	1.8301806969130E+3	8.3195824330310E+2	0.0000000000000E+0
Node	206	1.8289307008294E+3	8.3045824330311E+2	0.0000000000000E+0
Node	207	1.8301806969130E+3	8.3045824330310E+2	0.0000000000000E+0
Node	208	1.8289307008294E+3	8.2895824330311E+2	0.0000000000000E+0
Node	209	1.8301806969130E+3	8.2895824330310E+2	0.0000000000000E+0
Node	210	1.8289307008294E+3	8.2775824330304E+2	0.0000000000000E+0
Node	211	1.8301806969130E+3	8.2775824330303E+2	0.0000000000000E+0

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Node	212	1.8289307008294E+3	8.2653324330307E+2	0.0000000000000E+0
Node	213	1.8301806969130E+3	8.2653324330306E+2	0.0000000000000E+0
Node	214	1.8169307008294E+3	8.4243324330274E+2	0.0000000000000E+0
Node	215	1.8156807047445E+3	8.4065824330295E+2	0.0000000000000E+0
Node	216	1.8169307008294E+3	8.4065824330295E+2	0.0000000000000E+0
Node	217	1.8156807047445E+3	8.3945824330311E+2	0.0000000000000E+0
Node	218	1.8169307008294E+3	8.3945824330311E+2	0.0000000000000E+0
Node	219	1.8156807047445E+3	8.3795824330311E+2	0.0000000000000E+0
Node	220	1.8169307008294E+3	8.3795824330311E+2	0.0000000000000E+0
Node	221	1.8156807047445E+3	8.3645824330311E+2	0.0000000000000E+0
Node	222	1.8169307008294E+3	8.3645824330311E+2	0.0000000000000E+0
Node	223	1.8156807047445E+3	8.3495824330311E+2	0.0000000000000E+0
Node	224	1.8169307008294E+3	8.3495824330311E+2	0.0000000000000E+0
Node	225	1.8156807047445E+3	8.3345824330311E+2	0.0000000000000E+0
Node	226	1.8169307008294E+3	8.3345824330311E+2	0.0000000000000E+0
Node	227	1.8156807047445E+3	8.3195824330311E+2	0.0000000000000E+0
Node	228	1.8169307008294E+3	8.3195824330311E+2	0.0000000000000E+0
Node	229	1.8156807047445E+3	8.3045824330311E+2	0.0000000000000E+0
Node	230	1.8169307008294E+3	8.3045824330311E+2	0.0000000000000E+0
Node	231	1.8156807047445E+3	8.2895824330311E+2	0.0000000000000E+0
Node	232	1.8169307008294E+3	8.2895824330311E+2	0.0000000000000E+0
Node	233	1.8156807047445E+3	8.2775824330304E+2	0.0000000000000E+0
Node	234	1.8169307008294E+3	8.2775824330304E+2	0.0000000000000E+0
Node	235	1.8156807047445E+3	8.2653324330308E+2	0.0000000000000E+0
Node	236	1.8169307008294E+3	8.2653324330308E+2	0.0000000000000E+0

/ _____

/ BEAM ELEMENTS

Beam	1	6	3	1	2
Beam	2	6	3	2	3
Beam	3	6	3	3	4
Beam	4	7	13	4	5
Beam	5	8	5	5	6
Beam	6	8	5	6	7
Beam	7	8	5	7	8
Beam	8	8	5	8	9

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Beam	9	8	5	9	10
Beam	10	8	5	10	11
Beam	11	8	5	11	12
Beam	12	8	5	12	13
Beam	13	8	5	13	14
Beam	14	8	5	14	15
Beam	15	7	13	15	16
Beam	16	6	3	16	17
Beam	17	6	3	17	18
Beam	18	6	3	18	19
Beam	19	6	3	20	21
Beam	20	6	3	21	22
Beam	21	6	3	22	23
Beam	22	7	13	23	24
Beam	23	8	5	24	25
Beam	24	8	5	25	26
Beam	25	8	5	26	27
Beam	26	8	5	27	28
Beam	27	8	5	28	29
Beam	28	8	5	29	30
Beam	29	8	5	30	31
Beam	30	8	5	31	32
Beam	31	8	5	32	33
Beam	32	8	5	33	34
Beam	33	7	13	34	35
Beam	34	6	3	35	36
Beam	35	6	3	36	37
Beam	36	6	3	37	38
Beam	37	6	3	39	40
Beam	38	6	3	40	41
Beam	39	6	3	41	42
Beam	40	7	13	42	43
Beam	41	8	5	43	44
Beam	42	8	5	44	45
Beam	43	8	5	45	46

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Beam	44	8	5	46	47
Beam	45	8	5	47	48
Beam	46	8	5	48	49
Beam	47	8	5	49	50
Beam	48	8	5	50	51
Beam	49	8	5	51	52
Beam	50	8	5	52	53
Beam	51	7	13	53	54
Beam	52	6	3	54	55
Beam	53	6	3	55	56
Beam	54	6	3	56	57
Beam	55	6	3	58	59
Beam	56	6	3	59	60
Beam	57	6	3	60	61
Beam	58	7	13	61	62
Beam	59	8	5	62	63
Beam	60	8	5	63	64
Beam	61	8	5	64	65
Beam	62	8	5	65	66
Beam	63	8	5	66	67
Beam	64	8	5	67	68
Beam	65	8	5	68	69
Beam	66	8	5	69	70
Beam	67	8	5	70	71
Beam	68	8	5	71	72
Beam	69	7	13	72	73
Beam	70	6	3	73	74
Beam	71	6	3	74	75
Beam	72	6	3	75	76
Beam	73	6	3	77	78
Beam	74	6	3	78	79
Beam	75	6	3	79	80
Beam	76	7	13	80	81
Beam	77	8	5	81	82
Beam	78	8	5	82	83

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Beam	79	8	5	83	84
Beam	80	8	5	84	85
Beam	81	8	5	85	86
Beam	82	8	5	86	87
Beam	83	8	5	87	88
Beam	84	8	5	88	89
Beam	85	8	5	89	90
Beam	86	8	5	90	91
Beam	87	7	13	91	92
Beam	88	6	3	92	93
Beam	89	6	3	93	94
Beam	90	6	3	94	95
Beam	91	6	3	96	97
Beam	92	6	3	97	98
Beam	93	6	3	98	99
Beam	94	7	13	99	100
Beam	95	8	5	100	101
Beam	96	8	5	101	102
Beam	97	8	5	102	103
Beam	98	8	5	103	104
Beam	99	8	5	104	105
Beam	100	8	5	105	106
Beam	101	8	5	106	107
Beam	102	8	5	107	108
Beam	103	8	5	108	109
Beam	104	8	5	109	110
Beam	105	7	13	110	111
Beam	106	6	3	111	112
Beam	107	6	3	112	113
Beam	108	6	3	113	114
Beam	109	4	1	2	115
Beam	110	4	1	115	21
Beam	111	4	1	21	116
Beam	112	4	1	116	40
Beam	113	4	1	40	117

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Beam	114	4	1	117	59
Beam	115	4	1	59	118
Beam	116	4	1	118	78
Beam	117	4	1	78	119
Beam	118	4	1	119	97
Beam	119	4	1	18	121
Beam	120	4	1	121	37
Beam	121	4	1	37	122
Beam	122	4	1	122	56
Beam	123	4	1	56	123
Beam	124	4	1	123	75
Beam	125	4	1	75	124
Beam	126	4	1	124	94
Beam	127	4	1	94	125
Beam	128	4	1	125	113
Beam	129	4	1	113	126
Beam	130	9	24	127	128
Beam	131	5	21	3	129
Beam	132	5	21	129	22
Beam	133	5	21	22	130
Beam	134	5	21	130	41
Beam	135	5	21	41	131
Beam	136	5	21	131	60
Beam	137	5	21	60	132
Beam	138	5	21	132	79
Beam	139	5	21	79	133
Beam	140	5	21	133	98
Beam	141	5	21	98	134
Beam	142	5	23	4	135
Beam	143	5	23	135	23
Beam	144	5	23	23	136
Beam	145	5	23	136	42
Beam	146	5	23	42	137
Beam	147	5	23	137	61
Beam	148	5	23	61	138

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam	149	5	23	138	80
Beam	150	5	23	80	139
Beam	151	5	23	139	99
Beam	152	5	22	6	140
Beam	153	5	22	140	25
Beam	154	5	22	25	141
Beam	155	5	22	141	44
Beam	156	5	22	44	142
Beam	157	5	22	142	63
Beam	158	5	22	63	143
Beam	159	5	22	143	82
Beam	160	5	22	82	144
Beam	161	5	22	144	101
Beam	162	5	22	7	145
Beam	163	5	22	145	26
Beam	164	5	22	26	146
Beam	165	5	22	146	45
Beam	166	5	22	45	147
Beam	167	5	22	147	64
Beam	168	5	22	64	148
Beam	169	5	22	148	83
Beam	170	5	22	83	149
Beam	171	5	22	149	102
Beam	172	5	22	8	150
Beam	173	5	22	150	27
Beam	174	5	22	27	151
Beam	175	5	22	151	46
Beam	176	5	22	46	152
Beam	177	5	22	152	65
Beam	178	5	22	65	153
Beam	179	5	22	153	84
Beam	180	5	22	84	154
Beam	181	5	22	154	103
Beam	182	5	22	9	155
Beam	183	5	22	155	28

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Beam	184	5	22	28	156
Beam	185	5	22	156	47
Beam	186	5	22	47	157
Beam	187	5	22	157	66
Beam	188	5	22	66	158
Beam	189	5	22	158	85
Beam	190	5	22	85	159
Beam	191	5	22	159	104
Beam	192	5	22	11	160
Beam	193	5	22	160	30
Beam	194	5	22	30	161
Beam	195	5	22	161	49
Beam	196	5	22	49	162
Beam	197	5	22	162	68
Beam	198	5	22	68	163
Beam	199	5	22	163	87
Beam	200	5	22	87	164
Beam	201	5	22	164	106
Beam	202	5	22	12	165
Beam	203	5	22	165	31
Beam	204	5	22	31	166
Beam	205	5	22	166	50
Beam	206	5	22	50	167
Beam	207	5	22	167	69
Beam	208	5	22	69	168
Beam	209	5	22	168	88
Beam	210	5	22	88	169
Beam	211	5	22	169	107
Beam	212	5	22	13	170
Beam	213	5	22	170	32
Beam	214	5	22	32	171
Beam	215	5	22	171	51
Beam	216	5	22	51	172
Beam	217	5	22	172	70
Beam	218	5	22	70	173

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Beam	219	5	22	173	89
Beam	220	5	22	89	174
Beam	221	5	22	174	108
Beam	222	5	22	14	175
Beam	223	5	22	175	33
Beam	224	5	22	33	176
Beam	225	5	22	176	52
Beam	226	5	22	52	177
Beam	227	5	22	177	71
Beam	228	5	22	71	178
Beam	229	5	22	178	90
Beam	230	5	22	90	179
Beam	231	5	22	179	109
Beam	232	5	23	16	180
Beam	233	5	23	180	35
Beam	234	5	23	35	181
Beam	235	5	23	181	54
Beam	236	5	23	54	182
Beam	237	5	23	182	73
Beam	238	5	23	73	183
Beam	239	5	23	183	92
Beam	240	5	23	92	184
Beam	241	5	23	184	111
Beam	242	5	21	17	185
Beam	243	5	21	185	36
Beam	244	5	21	36	186
Beam	245	5	21	186	55
Beam	246	5	21	55	187
Beam	247	5	21	187	74
Beam	248	5	21	74	188
Beam	249	5	21	188	93
Beam	250	5	21	93	189
Beam	251	5	21	189	112
Beam	252	4	1	97	190
Beam	253	9	24	134	191

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Beam	254	5	23	99	192
Beam	255	9	26	192	193
Beam	256	5	22	101	194
Beam	257	9	25	194	195
Beam	258	5	22	102	196
Beam	259	9	25	196	197
Beam	260	5	22	103	198
Beam	261	9	25	198	199
Beam	262	5	22	104	200
Beam	263	9	25	200	201
Beam	264	5	22	106	202
Beam	265	9	25	202	203
Beam	266	5	22	107	204
Beam	267	9	25	204	205
Beam	268	5	22	108	206
Beam	269	9	25	206	207
Beam	270	5	22	109	208
Beam	271	9	25	208	209
Beam	272	5	23	111	210
Beam	273	9	26	210	211
Beam	274	5	21	112	212
Beam	275	9	24	212	213
Beam	276	4	1	120	18
Beam	277	4	1	214	2
Beam	278	5	21	128	3
Beam	279	9	26	215	216
Beam	280	5	23	216	4
Beam	281	9	25	217	218
Beam	282	5	22	218	6
Beam	283	9	25	219	220
Beam	284	5	22	220	7
Beam	285	9	25	221	222
Beam	286	5	22	222	8
Beam	287	9	25	223	224
Beam	288	5	22	224	9

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Beam	289	9	25	225	226
Beam	290	5	22	226	11
Beam	291	9	25	227	228
Beam	292	5	22	228	12
Beam	293	9	25	229	230
Beam	294	5	22	230	13
Beam	295	9	25	231	232
Beam	296	5	22	232	14
Beam	297	9	26	233	234
Beam	298	5	23	234	16
Beam	299	9	24	235	236
Beam	300	5	21	236	17

/

/ BEAM ANGLES

BmAngle	1	90.00
BmAngle	2	90.00
BmAngle	3	90.00
BmAngle	4	90.00
BmAngle	5	90.00
BmAngle	6	90.00
BmAngle	7	90.00
BmAngle	8	90.00
BmAngle	9	90.00
BmAngle	10	90.00
BmAngle	11	90.00
BmAngle	12	90.00
BmAngle	13	90.00
BmAngle	14	90.00
BmAngle	15	90.00
BmAngle	16	90.00
BmAngle	17	90.00
BmAngle	18	90.00
BmAngle	19	90.00
BmAngle	20	90.00
BmAngle	21	90.00

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BmAngle	22	90.00
BmAngle	23	90.00
BmAngle	24	90.00
BmAngle	25	90.00
BmAngle	26	90.00
BmAngle	27	90.00
BmAngle	28	90.00
BmAngle	29	90.00
BmAngle	30	90.00
BmAngle	31	90.00
BmAngle	32	90.00
BmAngle	33	90.00
BmAngle	34	90.00
BmAngle	35	90.00
BmAngle	36	90.00
BmAngle	37	90.00
BmAngle	38	90.00
BmAngle	39	90.00
BmAngle	40	90.00
BmAngle	41	90.00
BmAngle	42	90.00
BmAngle	43	90.00
BmAngle	44	90.00
BmAngle	45	90.00
BmAngle	46	90.00
BmAngle	47	90.00
BmAngle	48	90.00
BmAngle	49	90.00
BmAngle	50	90.00
BmAngle	51	90.00
BmAngle	52	90.00
BmAngle	53	90.00
BmAngle	54	90.00
BmAngle	55	90.00
BmAngle	56	90.00

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BmAngle	57	90.00
BmAngle	58	90.00
BmAngle	59	90.00
BmAngle	60	90.00
BmAngle	61	90.00
BmAngle	62	90.00
BmAngle	63	90.00
BmAngle	64	90.00
BmAngle	65	90.00
BmAngle	66	90.00
BmAngle	67	90.00
BmAngle	68	90.00
BmAngle	69	90.00
BmAngle	70	90.00
BmAngle	71	90.00
BmAngle	72	90.00
BmAngle	73	90.00
BmAngle	74	90.00
BmAngle	75	90.00
BmAngle	76	90.00
BmAngle	77	90.00
BmAngle	78	90.00
BmAngle	79	90.00
BmAngle	80	90.00
BmAngle	81	90.00
BmAngle	82	90.00
BmAngle	83	90.00
BmAngle	84	90.00
BmAngle	85	90.00
BmAngle	86	90.00
BmAngle	87	90.00
BmAngle	88	90.00
BmAngle	89	90.00
BmAngle	90	90.00
BmAngle	91	90.00

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BmAngle	92	90.00
BmAngle	93	90.00
BmAngle	94	90.00
BmAngle	95	90.00
BmAngle	96	90.00
BmAngle	97	90.00
BmAngle	98	90.00
BmAngle	99	90.00
BmAngle	100	90.00
BmAngle	101	90.00
BmAngle	102	90.00
BmAngle	103	90.00
BmAngle	104	90.00
BmAngle	105	90.00
BmAngle	106	90.00
BmAngle	107	90.00
BmAngle	108	90.00
BmAngle	109	90.00
BmAngle	110	90.00
BmAngle	111	90.00
BmAngle	112	90.00
BmAngle	113	90.00
BmAngle	114	90.00
BmAngle	115	90.00
BmAngle	116	90.00
BmAngle	117	90.00
BmAngle	118	90.00
BmAngle	119	90.00
BmAngle	120	90.00
BmAngle	121	90.00
BmAngle	122	90.00
BmAngle	123	90.00
BmAngle	124	90.00
BmAngle	125	90.00
BmAngle	126	90.00

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

BmAngle	127	90.00
BmAngle	128	90.00
BmAngle	129	90.00
BmAngle	252	90.00
BmAngle	276	90.00
BmAngle	277	90.00

/ _____

/ BEAM OFFSETS

BmOffset	1	0.000000000000E+0	-5.410000000000E-2
BmOffset	2	0.000000000000E+0	-5.410000000000E-2
BmOffset	3	0.000000000000E+0	-5.410000000000E-2
BmOffset	4	0.000000000000E+0	-5.930000000000E-2
BmOffset	15	0.000000000000E+0	-5.930000000000E-2
BmOffset	16	0.000000000000E+0	-5.410000000000E-2
BmOffset	17	0.000000000000E+0	-5.410000000000E-2
BmOffset	18	0.000000000000E+0	-5.410000000000E-2
BmOffset	19	0.000000000000E+0	-5.410000000000E-2
BmOffset	20	0.000000000000E+0	-5.410000000000E-2
BmOffset	21	0.000000000000E+0	-5.410000000000E-2
BmOffset	22	0.000000000000E+0	-5.930000000000E-2
BmOffset	33	0.000000000000E+0	-5.930000000000E-2
BmOffset	34	0.000000000000E+0	-5.410000000000E-2
BmOffset	35	0.000000000000E+0	-5.410000000000E-2
BmOffset	36	0.000000000000E+0	-5.410000000000E-2
BmOffset	37	0.000000000000E+0	-5.410000000000E-2
BmOffset	38	0.000000000000E+0	-5.410000000000E-2
BmOffset	39	0.000000000000E+0	-5.410000000000E-2
BmOffset	40	0.000000000000E+0	-5.930000000000E-2
BmOffset	51	0.000000000000E+0	-5.930000000000E-2
BmOffset	52	0.000000000000E+0	-5.410000000000E-2
BmOffset	53	0.000000000000E+0	-5.410000000000E-2
BmOffset	54	0.000000000000E+0	-5.410000000000E-2
BmOffset	55	0.000000000000E+0	-5.410000000000E-2
BmOffset	56	0.000000000000E+0	-5.410000000000E-2
BmOffset	57	0.000000000000E+0	-5.410000000000E-2

**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
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BmOffset	58	0.000000000000E+0	-5.930000000000E-2
BmOffset	69	0.000000000000E+0	-5.930000000000E-2
BmOffset	70	0.000000000000E+0	-5.410000000000E-2
BmOffset	71	0.000000000000E+0	-5.410000000000E-2
BmOffset	72	0.000000000000E+0	-5.410000000000E-2
BmOffset	73	0.000000000000E+0	-5.410000000000E-2
BmOffset	74	0.000000000000E+0	-5.410000000000E-2
BmOffset	75	0.000000000000E+0	-5.410000000000E-2
BmOffset	76	0.000000000000E+0	-5.930000000000E-2
BmOffset	87	0.000000000000E+0	-5.930000000000E-2
BmOffset	88	0.000000000000E+0	-5.410000000000E-2
BmOffset	89	0.000000000000E+0	-5.410000000000E-2
BmOffset	90	0.000000000000E+0	-5.410000000000E-2
BmOffset	91	0.000000000000E+0	-5.410000000000E-2
BmOffset	92	0.000000000000E+0	-5.410000000000E-2
BmOffset	93	0.000000000000E+0	-5.410000000000E-2
BmOffset	94	0.000000000000E+0	-5.930000000000E-2
BmOffset	105	0.000000000000E+0	-5.930000000000E-2
BmOffset	106	0.000000000000E+0	-5.410000000000E-2
BmOffset	107	0.000000000000E+0	-5.410000000000E-2
BmOffset	108	0.000000000000E+0	-5.410000000000E-2
BmOffset	109	0.000000000000E+0	-2.448000000000E-1
BmOffset	110	0.000000000000E+0	-2.448000000000E-1
BmOffset	111	0.000000000000E+0	-2.448000000000E-1
BmOffset	112	0.000000000000E+0	-2.448000000000E-1
BmOffset	113	0.000000000000E+0	-2.448000000000E-1
BmOffset	114	0.000000000000E+0	-2.448000000000E-1
BmOffset	115	0.000000000000E+0	-2.448000000000E-1
BmOffset	116	0.000000000000E+0	-2.448000000000E-1
BmOffset	117	0.000000000000E+0	-2.448000000000E-1
BmOffset	118	0.000000000000E+0	-2.448000000000E-1
BmOffset	119	0.000000000000E+0	-2.448000000000E-1
BmOffset	120	0.000000000000E+0	-2.448000000000E-1
BmOffset	121	0.000000000000E+0	-2.448000000000E-1
BmOffset	122	0.000000000000E+0	-2.448000000000E-1

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BmOffset	123	0.0000000000000E+0	-2.4480000000000E-1
BmOffset	124	0.0000000000000E+0	-2.4480000000000E-1
BmOffset	125	0.0000000000000E+0	-2.4480000000000E-1
BmOffset	126	0.0000000000000E+0	-2.4480000000000E-1
BmOffset	127	0.0000000000000E+0	-2.4480000000000E-1
BmOffset	128	0.0000000000000E+0	-2.4480000000000E-1
BmOffset	129	0.0000000000000E+0	-2.4480000000000E-1
BmOffset	130	-5.8020000000000E-1	-2.5361348479082E-8
BmOffset	131	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	132	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	133	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	134	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	135	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	136	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	137	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	138	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	139	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	140	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	141	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	142	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	143	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	144	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	145	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	146	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	147	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	148	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	149	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	150	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	151	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	152	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	153	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	154	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	155	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	156	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	157	-4.7020000000000E-1	2.0553095578877E-8

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BmOffset	158	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	159	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	160	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	161	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	162	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	163	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	164	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	165	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	166	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	167	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	168	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	169	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	170	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	171	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	172	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	173	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	174	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	175	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	176	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	177	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	178	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	179	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	180	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	181	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	182	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	183	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	184	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	185	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	186	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	187	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	188	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	189	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	190	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	191	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	192	-4.7020000000000E-1	2.0553095578877E-8

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BmOffset	193	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	194	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	195	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	196	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	197	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	198	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	199	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	200	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	201	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	202	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	203	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	204	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	205	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	206	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	207	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	208	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	209	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	210	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	211	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	212	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	213	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	214	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	215	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	216	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	217	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	218	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	219	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	220	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	221	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	222	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	223	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	224	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	225	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	226	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	227	-4.7020000000000E-1	2.0553095578877E-8

P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
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BmOffset	228	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	229	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	230	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	231	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	232	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	233	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	234	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	235	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	236	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	237	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	238	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	239	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	240	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	241	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	242	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	243	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	244	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	245	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	246	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	247	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	248	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	249	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	250	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	251	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	252	0.0000000000000E+0	-2.4480000000000E-1
BmOffset	253	-5.8020000000000E-1	-2.5361348479082E-8
BmOffset	254	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	255	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	256	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	257	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	258	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	259	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	260	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	261	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	262	-4.7020000000000E-1	2.0553095578877E-8

**P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
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BmOffset	263	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	264	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	265	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	266	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	267	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	268	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	269	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	270	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	271	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	272	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	273	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	274	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	275	-5.8020000000000E-1	-2.5361348479082E-8
BmOffset	276	0.0000000000000E+0	-2.4480000000000E-1
BmOffset	277	0.0000000000000E+0	-2.4480000000000E-1
BmOffset	278	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	279	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	280	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	281	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	282	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	283	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	284	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	285	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	286	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	287	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	288	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	289	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	290	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	291	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	292	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	293	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	294	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	295	-5.8020000000000E-1	2.5361348479082E-8
BmOffset	296	-4.7020000000000E-1	2.0553095578877E-8
BmOffset	297	-5.8020000000000E-1	2.5361348479082E-8

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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BmOffset 298 -4.7020000000000E-1 2.0553095578877E-8
BmOffset 299 -5.8020000000000E-1 -2.5361348479082E-8
BmOffset 300 -4.7020000000000E-1 2.0553095578877E-8

/ _____

/ NODE FREEDOMS

/ Freedom Case 1

NdFreedom 1 2 1 DX DZ
NdFreedom 1 18 1 DX DY DZ
NdFreedom 1 21 1 DX DZ
NdFreedom 1 37 1 DX DY DZ
NdFreedom 1 40 1 DX DZ
NdFreedom 1 56 1 DX DY DZ
NdFreedom 1 59 1 DX DZ
NdFreedom 1 75 1 DX DY DZ
NdFreedom 1 78 1 DX DZ
NdFreedom 1 94 1 DX DY DZ
NdFreedom 1 97 1 DX DZ
NdFreedom 1 113 1 DX DY DZ

/ _____

/ BEAM GLOBAL DISTRIBUTED LOADS

/ G2

BmDistLoadG	2	130	Z	-2.4800000000000E+0	-2.4800000000000E+0	0.00	0.00
BmDistLoadG	2	131	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	132	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	133	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	134	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	135	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	136	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	137	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	138	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	139	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	140	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	141	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	142	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	143	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00

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BmDistLoadG	2	144	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	145	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	146	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	147	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	148	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	149	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	150	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	151	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	152	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	153	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	154	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	155	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	156	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	157	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	158	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	159	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	160	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	161	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	162	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	163	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	164	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	165	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	166	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	167	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	168	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	169	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	170	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	171	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	172	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	173	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	174	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	175	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	176	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	177	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	178	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00

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BmDistLoadG	2	179	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	180	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	181	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	182	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	183	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	184	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	185	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	186	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	187	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	188	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	189	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	190	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	191	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	192	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	193	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	194	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	195	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	196	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	197	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	198	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	199	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	200	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	201	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	202	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	203	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	204	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	205	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	206	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	207	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	208	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	209	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	210	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	211	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	212	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	213	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00

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BmDistLoadG	2	214	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	215	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	216	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	217	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	218	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	219	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	220	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	221	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	222	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	223	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	224	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	225	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	226	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	227	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	228	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	229	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	230	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	231	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	232	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	233	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	234	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	235	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	236	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	237	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	238	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	239	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	240	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	241	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	242	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	243	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	244	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	245	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	246	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	247	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	248	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00

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BmDistLoadG	2	249	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	250	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	251	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	253	Z	-2.4800000000000E+0	-2.4800000000000E+0	0.00	0.00
BmDistLoadG	2	254	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	255	Z	-1.4400000000000E+0	-1.4400000000000E+0	0.00	0.00
BmDistLoadG	2	256	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	257	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	258	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	259	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	260	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	261	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	262	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	263	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	264	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	265	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	266	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	267	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	268	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	269	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	270	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	271	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	272	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	273	Z	-1.4400000000000E+0	-1.4400000000000E+0	0.00	0.00
BmDistLoadG	2	274	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	275	Z	-2.4800000000000E+0	-2.4800000000000E+0	0.00	0.00
BmDistLoadG	2	278	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00
BmDistLoadG	2	279	Z	-1.4400000000000E+0	-1.4400000000000E+0	0.00	0.00
BmDistLoadG	2	280	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	281	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	282	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	283	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	284	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	285	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	286	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00

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BmDistLoadG	2	287	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	288	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	289	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	290	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	291	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	292	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	293	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	294	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	295	Z	-2.4000000000000E+0	-2.4000000000000E+0	0.00	0.00
BmDistLoadG	2	296	Z	-4.5000000000000E+0	-4.5000000000000E+0	0.00	0.00
BmDistLoadG	2	297	Z	-1.4400000000000E+0	-1.4400000000000E+0	0.00	0.00
BmDistLoadG	2	298	Z	-2.7000000000000E+0	-2.7000000000000E+0	0.00	0.00
BmDistLoadG	2	299	Z	-2.4800000000000E+0	-2.4800000000000E+0	0.00	0.00
BmDistLoadG	2	300	Z	-4.6500000000000E+0	-4.6500000000000E+0	0.00	0.00

/

/ BEAM GLOBAL DISTRIBUTED LOADS

/ Vento Q5

BmDistLoadG	5	1	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	2	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	3	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	4	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	5	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	6	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	7	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	8	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	9	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	10	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	11	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	12	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	13	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	14	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	15	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	16	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	17	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	18	Z	7.8100000000000E-1	7.8100000000000E-1	0.00	0.00

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BmDistLoadG	5	19	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	20	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	21	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	22	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	23	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	24	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	25	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	26	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	27	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	28	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	29	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	30	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	31	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	32	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	33	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	34	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	35	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	36	Z	4.69000000000000E-1	4.69000000000000E-1	0.00	0.00
BmDistLoadG	5	37	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	38	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	39	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	40	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	41	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	42	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	43	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	44	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	45	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	46	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	47	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	48	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	49	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	50	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	51	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	52	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00
BmDistLoadG	5	53	Z	1.56000000000000E-1	1.56000000000000E-1	0.00	0.00

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BmDistLoadG	5	54	Z	1.5600000000000E-1	1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	55	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	56	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	57	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	58	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	59	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	60	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	61	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	62	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	63	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	64	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	65	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	66	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	67	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	68	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	69	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	70	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	71	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	72	Z	-1.5600000000000E-1	-1.5600000000000E-1	0.00	0.00
BmDistLoadG	5	73	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	74	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	75	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	76	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	77	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	78	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	79	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	80	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	81	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	82	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	83	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	84	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	85	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	86	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	87	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	88	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00

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BmDistLoadG	5	89	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	90	Z	-4.6900000000000E-1	-4.6900000000000E-1	0.00	0.00
BmDistLoadG	5	91	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	92	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	93	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	94	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	95	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	96	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	97	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	98	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	99	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	100	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	101	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	102	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	103	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	104	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	105	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	106	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	107	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00
BmDistLoadG	5	108	Z	-7.8100000000000E-1	-7.8100000000000E-1	0.00	0.00

/ _____

/ NODE FORCES

/ Carico mobile centrato

NdForce	6	27	0.0000000000000E+0	0.0000000000000E+0	-2.0000000000000E+2
NdForce	6	28	0.0000000000000E+0	0.0000000000000E+0	-2.0000000000000E+2
NdForce	6	30	0.0000000000000E+0	0.0000000000000E+0	-2.0000000000000E+2
NdForce	6	31	0.0000000000000E+0	0.0000000000000E+0	-2.0000000000000E+2
NdForce	6	84	0.0000000000000E+0	0.0000000000000E+0	-2.0000000000000E+2
NdForce	6	85	0.0000000000000E+0	0.0000000000000E+0	-2.0000000000000E+2
NdForce	6	87	0.0000000000000E+0	0.0000000000000E+0	-2.0000000000000E+2
NdForce	6	88	0.0000000000000E+0	0.0000000000000E+0	-2.0000000000000E+2

/ _____

/ BEAM PROPERTIES

BeamProp 1 "Traversi"

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MaterialName      "Rck40"
Modulus           3.6180000000000E+4
Poisson           2.0000000000000E-1
UsePoisson        TRUE
Density           2.5000000000000E+3
Expansion         1.0000000000000E-5
Area              4.8000000000000E-1
MomentI11         5.7600000000000E-2
MomentI22         6.4000000000000E-3
MomentJ           2.0371911111000E-2
SectionType       SolidRect
  B                4.0000000000000E-1
  D                1.2000000000000E+0
NonLinType        Elasticplastic
Hardening         Isotropic
BeamProp          3 "Testata"
MaterialName      "Rck55"
Modulus           3.9163000000000E+4
Poisson           2.0000000000000E-1
UsePoisson        TRUE
Density           2.5000000000000E+3
Expansion         1.0000000000000E-5
Area              1.7681631279970E+0
MomentI11         3.7860467372200E-1
MomentI22         2.9071895547800E-1
MomentJ           2.8210714499400E-1
SectionType       User
NonLinType        Elasticplastic
Hardening         Isotropic
BXSName           sez testata
BXSAAlign         1.7082466475325E+3  4.9827393224686E+2  0.0000000000000E+0
BXSVtx            1  1.7074701644289E+3  4.9858329756483E+2
BXSVtx            1  1.7076976204290E+3  4.9846320138797E+2
BXSVtx            1  1.7078968444280E+3  4.9763520138822E+2
BXSVtx            1  1.7078141644275E+3  4.9752320138756E+2

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		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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BXSVtx	1	1.7075486244517E+3	4.9750231622085E+2		
BXSVtx	1	1.7075486244516E+3	4.9740320138745E+2		
BXSVtx	1	1.7089446706129E+3	4.9740320138745E+2		
BXSVtx	1	1.7089446706138E+3	4.9750231622178E+2		
BXSVtx	1	1.7086791306370E+3	4.9752320138663E+2		
BXSVtx	1	1.7085964506370E+3	4.9763520138729E+2		
BXSVtx	1	1.7087956746350E+3	4.9846320138890E+2		
BXSVtx	1	1.7090231306371E+3	4.9858329756483E+2		
BXSVtx	1	1.7090231306371E+3	4.9868320138678E+2		
BXSVtx	1	1.7092466475327E+3	4.9868320138678E+2		
BXSVtx	1	1.7092466475327E+3	4.9891320138678E+2		
BXSVtx	1	1.7072466475327E+3	4.9891320138678E+2		
BXSVtx	1	1.7072466475327E+3	4.9868320138678E+2		
BXSVtx	1	1.7074701644284E+3	4.9868320138782E+2		
BXSVtx	1	1.7074701644289E+3	4.9858329756483E+2		
BXSPIt	3	1.7072466475327E+3	4.9891320138678E+2	1.7072466475327E+3	4.9868320138678E+2
1.7074701644284E+3		4.9868320138782E+2			
BXSPIt	3	1.7072466475327E+3	4.9891320138678E+2	1.7074701644284E+3	4.9868320138782E+2
1.7090231306371E+3		4.9868320138678E+2			
BXSPIt	3	1.7072466475327E+3	4.9891320138678E+2	1.7090231306371E+3	4.9868320138678E+2
1.7092466475327E+3		4.9868320138678E+2			
BXSPIt	3	1.7072466475327E+3	4.9891320138678E+2	1.7092466475327E+3	4.9868320138678E+2
1.7092466475327E+3		4.9891320138678E+2			
BXSPIt	3	1.7074701644284E+3	4.9868320138782E+2	1.7074701644289E+3	4.9858329756483E+2
1.7076976204290E+3		4.9846320138797E+2			
BXSPIt	3	1.7074701644284E+3	4.9868320138782E+2	1.7076976204290E+3	4.9846320138797E+2
1.7090231306371E+3		4.9868320138678E+2			
BXSPIt	3	1.7090231306371E+3	4.9868320138678E+2	1.7087956746350E+3	4.9846320138890E+2
1.7090231306371E+3		4.9858329756483E+2			
BXSPIt	3	1.7090231306371E+3	4.9868320138678E+2	1.7076976204290E+3	4.9846320138797E+2
1.7087956746350E+3		4.9846320138890E+2			
BXSPIt	3	1.7076976204290E+3	4.9846320138797E+2	1.7078968444280E+3	4.9763520138822E+2
1.7087956746350E+3		4.9846320138890E+2			
BXSPIt	3	1.7087956746350E+3	4.9846320138890E+2	1.7078968444280E+3	4.9763520138822E+2
1.7085964506370E+3		4.9763520138729E+2			

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BXSPIt	3	1.7078968444280E+3	4.9763520138822E+2	1.7078141644275E+3	4.9752320138756E+2
1.7085964506370E+3		4.9763520138729E+2			
BXSPIt	3	1.7075486244517E+3	4.9750231622085E+2	1.7075486244516E+3	4.9740320138745E+2
1.7078141644275E+3		4.9752320138756E+2			
BXSPIt	3	1.7078141644275E+3	4.9752320138756E+2	1.7075486244516E+3	4.9740320138745E+2
1.7089446706129E+3		4.9740320138745E+2			
BXSPIt	3	1.7085964506370E+3	4.9763520138729E+2	1.7078141644275E+3	4.9752320138756E+2
1.7086791306370E+3		4.9752320138663E+2			
BXSPIt	3	1.7078141644275E+3	4.9752320138756E+2	1.7089446706129E+3	4.9740320138745E+2
1.7086791306370E+3		4.9752320138663E+2			
BXSPIt	3	1.7086791306370E+3	4.9752320138663E+2	1.7089446706129E+3	4.9740320138745E+2
1.7089446706138E+3		4.9750231622178E+2			

BeamProp 5 "Travi correnti "

MaterialName "Rck55"

Modulus 3.9163000000000E+4

Poisson 2.0000000000000E-1

UsePoisson TRUE

Density 2.5000000000000E+3

Expansion 1.0000000000000E-5

Area 1.0026275210150E+0

MomentI11 2.9842879887600E-1

MomentI22 2.5537984476000E-1

MomentJ 2.0068960918500E-1

SectionType User

NonLinType Elasticplastic

Hardening Isotropic

BXSName sez corrente tipo1

BXSAlign 0.0000000000000E+0 9.2478895647728E-1 0.0000000000000E+0

BXSVtx 1 -6.9802308059298E-1 0.0000000000000E+0

BXSVtx 1 -6.9802308199007E-1 9.9114834331033E-2

BXSVtx 1 -4.3248310522176E-1 1.2000000104313E-1

BXSVtx 1 -3.4980310429808E-1 2.3200000170624E-1

BXSVtx 1 -5.4902710323211E-1 1.0600000005216E+0

BXSVtx 1 -7.7648310479708E-1 1.1800961773842E+0

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BXSVtx	1	-7.7648310386564E-1	1.2799999993295E+0			
BXSVtx	1	-9.999999999989E-1	1.2799999993295E+0			
BXSVtx	1	-9.999999999989E-1	1.5099999993295E+0			
BXSVtx	1	1.000000000001E+0	1.5099999993295E+0			
BXSVtx	1	1.000000000001E+0	1.2799999993295E+0			
BXSVtx	1	7.7648310433142E-1	1.2799999993295E+0			
BXSVtx	1	7.7648310433142E-1	1.1800961773842E+0			
BXSVtx	1	5.4902710230101E-1	1.0600000014528E+0			
BXSVtx	1	3.4980310290121E-1	2.3200000170624E-1			
BXSVtx	1	4.3248310475622E-1	1.2000000011181E-1			
BXSVtx	1	6.9802308059286E-1	9.9114834331033E-2			
BXSVtx	1	6.9802308059286E-1	0.000000000000E+0			
BXSVtx	1	-6.9802308059298E-1	0.000000000000E+0			
BXSVtx	2	2.2060150303889E-1	2.0000000018632E-1			
BXSVtx	2	-2.3271700000000E-10	1.6196525748819E-1			
BXSVtx	2	-2.2060150396999E-1	2.0000000065187E-1			
BXSVtx	2	-4.8045876226365E-1	1.2799999993295E+0			
BXSVtx	2	1.1370000000000E-13	1.2799999993295E+0			
BXSVtx	2	4.8045875982359E-1	1.2799999993295E+0			
BXSVtx	2	2.2060150303889E-1	2.0000000018632E-1			
BXSPIt	3	-9.999999999989E-1	1.5099999993295E+0	-9.999999999989E-1	1.2799999993295E+0	-
7.7648310386564E-1			1.2799999993295E+0			
BXSPIt	3	-9.999999999989E-1	1.5099999993295E+0	-7.7648310386564E-1	1.2799999993295E+0	-
4.8045876226365E-1			1.2799999993295E+0			
BXSPIt	3	-9.999999999989E-1	1.5099999993295E+0	-4.8045876226365E-1	1.2799999993295E+0	
1.1370000000000E-13			1.2799999993295E+0			
BXSPIt	3	-9.999999999989E-1	1.5099999993295E+0	1.1370000000000E-13	1.2799999993295E+0	
1.0000000000001E+0			1.5099999993295E+0			
BXSPIt	3	1.000000000001E+0	1.5099999993295E+0	1.1370000000000E-13	1.2799999993295E+0	
4.8045875982359E-1			1.2799999993295E+0			
BXSPIt	3	1.000000000001E+0	1.5099999993295E+0	4.8045875982359E-1	1.2799999993295E+0	
7.7648310433142E-1			1.2799999993295E+0			
BXSPIt	3	1.000000000001E+0	1.5099999993295E+0	7.7648310433142E-1	1.2799999993295E+0	
1.0000000000001E+0			1.2799999993295E+0			

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BXSPIt	3	-7.7648310386564E-1	1.2799999993295E+0	-7.7648310479708E-1	1.1800961773842E+0	-
4.8045876226365E-1		1.2799999993295E+0				
BXSPIt	3	-4.8045876226365E-1	1.2799999993295E+0	-7.7648310479708E-1	1.1800961773842E+0	-
5.4902710323211E-1		1.0600000005216E+0				
BXSPIt	3	-4.8045876226365E-1	1.2799999993295E+0	-5.4902710323211E-1	1.0600000005216E+0	-
3.4980310429808E-1		2.3200000170624E-1				
BXSPIt	3	-4.8045876226365E-1	1.2799999993295E+0	-3.4980310429808E-1	2.3200000170624E-1	-
2.2060150396999E-1		2.0000000065187E-1				
BXSPIt	3	-3.4980310429808E-1	2.3200000170624E-1	-4.3248310522176E-1	1.2000000104313E-1	-
2.2060150396999E-1		2.0000000065187E-1				
BXSPIt	3	-6.9802308199007E-1	9.9114834331033E-2	-6.9802308059298E-1	0.0000000000000E+0	-
4.3248310522176E-1		1.2000000104313E-1				
BXSPIt	3	-4.3248310522176E-1	1.2000000104313E-1	-6.9802308059298E-1	0.0000000000000E+0	-
6.9802308059286E-1		0.0000000000000E+0				
BXSPIt	3	-2.2060150396999E-1	2.0000000065187E-1	-4.3248310522176E-1	1.2000000104313E-1	-
2.3271700000000E-10		1.6196525748819E-1				
BXSPIt	3	-2.3271700000000E-10	1.6196525748819E-1	-4.3248310522176E-1	1.2000000104313E-1	-
6.9802308059286E-1		0.0000000000000E+0				
BXSPIt	3	4.3248310475622E-1	1.2000000011181E-1	6.9802308059286E-1	0.0000000000000E+0	-
6.9802308059286E-1		9.9114834331033E-2				
BXSPIt	3	4.3248310475622E-1	1.2000000011181E-1	-2.3271700000000E-10	1.6196525748819E-1	-
6.9802308059286E-1		0.0000000000000E+0				
BXSPIt	3	2.2060150303889E-1	2.0000000018632E-1	-2.3271700000000E-10	1.6196525748819E-1	-
4.3248310475622E-1		1.2000000011181E-1				
BXSPIt	3	3.4980310290121E-1	2.3200000170624E-1	2.2060150303889E-1	2.0000000018632E-1	-
4.3248310475622E-1		1.2000000011181E-1				
BXSPIt	3	4.8045875982359E-1	1.2799999993295E+0	2.2060150303889E-1	2.0000000018632E-1	-
3.4980310290121E-1		2.3200000170624E-1				
BXSPIt	3	4.8045875982359E-1	1.2799999993295E+0	3.4980310290121E-1	2.3200000170624E-1	-
5.4902710230101E-1		1.0600000014528E+0				
BXSPIt	3	4.8045875982359E-1	1.2799999993295E+0	5.4902710230101E-1	1.0600000014528E+0	-
7.7648310433142E-1		1.1800961773842E+0				
BXSPIt	3	4.8045875982359E-1	1.2799999993295E+0	7.7648310433142E-1	1.1800961773842E+0	-
7.7648310433142E-1		1.2799999993295E+0				

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BeamProp      13 "Rastremo"
MaterialName   "Rck55"
Modulus        3.9163000000000E+4
Poisson        2.0000000000000E-1
UsePoisson     TRUE
Density        2.5000000000000E+3
Expansion      1.0000000000000E-5
Area           1.3641285882330E+0
MomentI11     3.5063881799000E-1
MomentI22     2.8293910780900E-1
MomentJ       2.6068239396900E-1
SectionType   User
NonLinType    Elasticplastic
Hardening     Isotropic
BXSName       sez rastremo
BXSAlign      0.0000000000000E+0  8.6550405292659E-1  0.0000000000000E+0
BXSvtx        1  3.2617791020266E-1  1.2799999995622E+0
BXSvtx        1  9.7852287115529E-2  3.3104950399155E-1
BXSvtx        1  1.1648353000000E-9  3.1417842046363E-1
BXSvtx        1  -9.7852288047534E-2  3.3104950306023E-1
BXSvtx        1  -3.2617791206621E-1  1.2799999995622E+0
BXSvtx        1  -2.2740000000000E-13  1.2799999995622E+0
BXSvtx        1  3.2617791020266E-1  1.2799999995622E+0
BXSvtx        2  4.3248310429044E-1  1.2000000034453E-1
BXSvtx        2  3.4980310476362E-1  2.3200000100775E-1
BXSvtx        2  5.4902710369765E-1  1.0600000016856E+0
BXSvtx        2  7.7648310479663E-1  1.1800961776170E+0
BXSvtx        2  7.7648310479663E-1  1.2800000000280E+0
BXSvtx        2  9.999999999977E-1  1.2799999995622E+0
BXSvtx        2  9.999999999977E-1  1.5099999995622E+0
BXSvtx        2  -1.0000000000002E+0  1.5099999995622E+0
BXSvtx        2  -1.0000000000002E+0  1.2799999995622E+0
BXSvtx        2  -7.7648310433119E-1  1.2799999995622E+0
BXSvtx        2  -7.7648310433119E-1  1.1800961776170E+0
BXSvtx        2  -5.4902710369834E-1  1.0600000007544E+0
    
```


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BXSVtx	2	-3.4980310476340E-1	2.3200000193907E-1			
BXSVtx	2	-4.3248310475633E-1	1.2000000127596E-1			
BXSVtx	2	-6.9802308105955E-1	9.9114834563750E-2			
BXSVtx	2	-6.9802308012754E-1	-2.3277380000000E-10			
BXSVtx	2	6.9802308012754E-1	2.3277380000000E-10			
BXSVtx	2	6.9802308198950E-1	9.9114834563750E-2			
BXSVtx	2	4.3248310429044E-1	1.2000000034453E-1			
BXSPIt	3	-1.0000000000002E+0	1.5099999995622E+0	-1.0000000000002E+0	1.2799999995622E+0	-
7.7648310433119E-1		1.2799999995622E+0				
BXSPIt	3	-1.0000000000002E+0	1.5099999995622E+0	-7.7648310433119E-1	1.2799999995622E+0	-
3.2617791206621E-1		1.2799999995622E+0				
BXSPIt	3	-1.0000000000002E+0	1.5099999995622E+0	-3.2617791206621E-1	1.2799999995622E+0	-
2.2740000000000E-13		1.2799999995622E+0				
BXSPIt	3	-1.0000000000002E+0	1.5099999995622E+0	-2.2740000000000E-13	1.2799999995622E+0	
9.999999999977E-1		1.5099999995622E+0				
BXSPIt	3	-2.2740000000000E-13	1.2799999995622E+0	3.2617791020266E-1	1.2799999995622E+0	
9.999999999977E-1		1.5099999995622E+0				
BXSPIt	3	9.99999999977E-1	1.5099999995622E+0	3.2617791020266E-1	1.2799999995622E+0	
7.7648310479663E-1		1.2800000000280E+0				
BXSPIt	3	9.99999999977E-1	1.5099999995622E+0	7.7648310479663E-1	1.2800000000280E+0	
9.999999999977E-1		1.2799999995622E+0				
BXSPIt	3	-7.7648310433119E-1	1.2799999995622E+0	-7.7648310433119E-1	1.1800961776170E+0	-
3.2617791206621E-1		1.2799999995622E+0				
BXSPIt	3	-3.2617791206621E-1	1.2799999995622E+0	-7.7648310433119E-1	1.1800961776170E+0	-
5.4902710369834E-1		1.0600000007544E+0				
BXSPIt	3	-3.2617791206621E-1	1.2799999995622E+0	-5.4902710369834E-1	1.0600000007544E+0	-
3.4980310476340E-1		2.3200000193907E-1				
BXSPIt	3	-3.2617791206621E-1	1.2799999995622E+0	-3.4980310476340E-1	2.3200000193907E-1	-
9.7852288047534E-2		3.3104950306023E-1				
BXSPIt	3	-6.9802308105955E-1	9.9114834563750E-2	-6.9802308012754E-1	-2.3277380000000E-10	-
4.3248310475633E-1		1.2000000127596E-1				
BXSPIt	3	-4.3248310475633E-1	1.2000000127596E-1	-6.9802308012754E-1	-2.3277380000000E-10	
6.9802308012754E-1		2.3277380000000E-10				
BXSPIt	3	4.3248310429044E-1	1.2000000034453E-1	6.9802308012754E-1	2.3277380000000E-10	
6.9802308198950E-1		9.9114834563750E-2				

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BXSPIt	3	4.3248310429044E-1	1.2000000034453E-1	-4.3248310475633E-1	1.2000000127596E-1
6.9802308012754E-1		2.3277380000000E-10			
BXSPIt	3	3.4980310476362E-1	2.3200000100775E-1	-4.3248310475633E-1	1.2000000127596E-1
4.3248310429044E-1		1.2000000034453E-1			
BXSPIt	3	-3.4980310476340E-1	2.3200000193907E-1	-4.3248310475633E-1	1.2000000127596E-1
9.7852288047534E-2		3.3104950306023E-1			
BXSPIt	3	-9.7852288047534E-2	3.3104950306023E-1	-4.3248310475633E-1	1.2000000127596E-1
1.1648353000000E-9		3.1417842046363E-1			
BXSPIt	3	1.1648353000000E-9	3.1417842046363E-1	-4.3248310475633E-1	1.2000000127596E-1
3.4980310476362E-1		2.3200000100775E-1			
BXSPIt	3	9.7852287115529E-2	3.3104950399155E-1	1.1648353000000E-9	3.1417842046363E-1
3.4980310476362E-1		2.3200000100775E-1			
BXSPIt	3	3.2617791020266E-1	1.2799999995622E+0	9.7852287115529E-2	3.3104950399155E-1
3.4980310476362E-1		2.3200000100775E-1			
BXSPIt	3	3.2617791020266E-1	1.2799999995622E+0	3.4980310476362E-1	2.3200000100775E-1
5.4902710369765E-1		1.0600000016856E+0			
BXSPIt	3	3.2617791020266E-1	1.2799999995622E+0	5.4902710369765E-1	1.0600000016856E+0
7.7648310479663E-1		1.1800961776170E+0			
BXSPIt	3	3.2617791020266E-1	1.2799999995622E+0	7.7648310479663E-1	1.1800961776170E+0
7.7648310479663E-1		1.2800000000280E+0			

BeamProp 21 "Soletta 1.55"
MaterialName "Rck40 - Modified"
Modulus 3.6180000000000E+4
Poisson 2.0000000000000E-1
UsePoisson TRUE
Expansion 1.0000000000000E-5
Area 3.5650000000000E-1
MomentI11 7.1374270833000E-2
MomentI22 1.5715708330000E-3
MomentJ 5.7058148640000E-3
SectionType SolidRect
B 1.5500000000000E+0
D 2.3000000000000E-1
NonLinType Elasticplastic

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Hardening Isotropic

BeamProp 22 "Soletta 1.50"
MaterialName "Rck40 - Modified"
Modulus 3.6180000000000E+4
Poisson 2.0000000000000E-1
UsePoisson TRUE
Expansion 1.0000000000000E-5
Area 3.4500000000000E-1
MomentI11 6.4687500000000E-2
MomentI22 1.5208750000000E-3
MomentJ 5.5032714520000E-3
SectionType SolidRect
B 1.5000000000000E+0
D 2.3000000000000E-1
NonLinType Elasticplastic
Hardening Isotropic

BeamProp 23 "Soletta 0.90"
MaterialName "Rck40 - Modified"
Modulus 3.6180000000000E+4
Poisson 2.0000000000000E-1
UsePoisson TRUE
Expansion 1.0000000000000E-5
Area 2.0700000000000E-1
MomentI11 1.3972500000000E-2
MomentI22 9.1252500000000E-4
MomentJ 3.0748298200000E-3
SectionType SolidRect
B 9.0000000000000E-1
D 2.3000000000000E-1
NonLinType Elasticplastic
Hardening Isotropic

BeamProp 24 "Marciapiedi 1.55"

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MaterialName "Rck40"
Modulus 3.6180000000000E+4
Poisson 2.0000000000000E-1
UsePoisson TRUE
Density 2.5000000000000E+3
Expansion 1.0000000000000E-5
Area 6.9750000000000E-1
MomentI11 1.3964531250000E-1
MomentI22 1.1770312500000E-2
MomentJ 3.8676291532000E-2
SectionType SolidRect
B 1.5500000000000E+0
D 4.5000000000000E-1
NonLinType Elasticplastic
Hardening Isotropic

BeamProp 25 "Marciapiedi 1.50"

MaterialName "Rck40 - Modified"
Modulus 3.6180000000000E+4
Poisson 2.0000000000000E-1
UsePoisson TRUE
Density 2.5000000000000E+3
Expansion 1.0000000000000E-5
Area 6.7500000000000E-1
MomentI11 1.2656250000000E-1
MomentI22 1.1390625000000E-2
MomentJ 3.7164420000000E-2
SectionType SolidRect
B 1.5000000000000E+0
D 4.5000000000000E-1
NonLinType Elasticplastic
Hardening Isotropic

BeamProp 26 "Marciapiedi 0.90"

MaterialName "Rck40 - Modified"

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Modulus 3.6180000000000E+4
Poisson 2.0000000000000E-1
UsePoisson TRUE
Density 2.5000000000000E+3
Expansion 1.0000000000000E-5
Area 4.0500000000000E-1
MomentI11 2.7337500000000E-2
MomentI22 6.8343750000000E-3
MomentJ 1.9081575000000E-2
SectionType SolidRect
B 9.0000000000000E-1
D 4.5000000000000E-1
NonLinType Elasticplastic
Hardening Isotropic

2.2 Tabulati di output modello impalcato

Model: ImpalcatoL=16.90Rev4

Result type: Node displacement

Coordinate system: Global XYZ

Freedom case: 1: Freedom Case 1

Result cases:

1: G1

2: G2

3: Vento Q5

4: Carico mobile centrato

Groups: All

Properties: All

	DX (m)	DY (m)	DZ (m)	RX (deg)	RY (deg)	RZ (deg)
Node 1: 1: G1	0.0000	0.0000	0.0001	0.0308	-0.0019	0.0014
Node 1: 2: G2	0.0000	0.0000	0.0000	0.0065	-0.0003	0.0002
Node 1: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0005	0.0000	0.0000
Node 1: 4: Carico mobile centrato	0.0000	0.0000	0.0001	0.0190	0.0011	-0.0008
Node 2: 1: G1	0.0000	0.0000	0.0000	0.0308	-0.0019	0.0014
Node 2: 2: G2	0.0000	0.0000	0.0000	0.0065	-0.0003	0.0002
Node 2: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0005	0.0000	0.0000
Node 2: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0190	0.0011	-0.0008
Node 3: 1: G1	0.0000	0.0000	-0.0003	0.0306	-0.0030	0.0014
Node 3: 2: G2	0.0000	0.0000	-0.0001	0.0065	-0.0005	0.0002
Node 3: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0005	0.0000	0.0000
Node 3: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0189	0.0016	-0.0008
Node 4: 1: G1	0.0000	0.0000	-0.0009	0.0291	-0.0054	0.0013
Node 4: 2: G2	0.0000	0.0000	-0.0002	0.0062	-0.0009	0.0002
Node 4: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 4: 4: Carico mobile centrato	0.0000	0.0000	-0.0006	0.0181	0.0032	-0.0008
Node 5: 1: G1	0.0000	0.0000	-0.0012	0.0282	-0.0062	0.0012
Node 5: 2: G2	0.0000	0.0000	-0.0002	0.0060	-0.0010	0.0002
Node 5: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 5: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	0.0175	0.0038	-0.0008
Node 6: 1: G1	0.0001	0.0000	-0.0015	0.0258	-0.0081	0.0011
Node 6: 2: G2	0.0000	0.0000	-0.0003	0.0055	-0.0013	0.0002
Node 6: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 6: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	0.0163	0.0051	-0.0008
Node 7: 1: G1	0.0001	0.0000	-0.0021	0.0198	-0.0109	0.0008
Node 7: 2: G2	0.0000	0.0000	-0.0004	0.0042	-0.0018	0.0001
Node 7: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0001	0.0000
Node 7: 4: Carico mobile centrato	-0.0001	0.0000	-0.0013	0.0128	0.0074	-0.0007
Node 8: 1: G1	0.0001	0.0000	-0.0025	0.0124	-0.0128	0.0005
Node 8: 2: G2	0.0000	0.0000	-0.0005	0.0026	-0.0021	0.0001
Node 8: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0001	0.0000
Node 8: 4: Carico mobile centrato	-0.0001	0.0000	-0.0016	0.0082	0.0092	-0.0005
Node 9: 1: G1	0.0001	0.0000	-0.0028	0.0042	-0.0137	0.0002
Node 9: 2: G2	0.0000	0.0000	-0.0006	0.0009	-0.0022	0.0000
Node 9: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0002	0.0000
Node 9: 4: Carico mobile centrato	-0.0001	0.0000	-0.0017	0.0028	0.0101	-0.0002
Node 10: 1: G1	0.0001	0.0000	-0.0028	0.0000	-0.0137	0.0000
Node 10: 2: G2	0.0000	0.0000	-0.0006	0.0000	-0.0022	0.0000
Node 10: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000
Node 10: 4: Carico mobile centrato	-0.0001	0.0000	-0.0018	0.0000	0.0101	0.0000
Node 11: 1: G1	0.0001	0.0000	-0.0028	-0.0042	-0.0137	-0.0002
Node 11: 2: G2	0.0000	0.0000	-0.0006	-0.0009	-0.0022	0.0000
Node 11: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0002	0.0000
Node 11: 4: Carico mobile centrato	-0.0001	0.0000	-0.0017	-0.0028	0.0102	0.0002

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Node 12: 1: G1	0.0001	0.0000	-0.0025	-0.0124	-0.0128	-0.0005
Node 12: 2: G2	0.0000	0.0000	-0.0005	-0.0026	-0.0021	-0.0001
Node 12: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0001	0.0000
Node 12: 4: Carico mobile centrato	-0.0001	0.0000	-0.0016	-0.0081	0.0093	0.0005
Node 13: 1: G1	0.0001	0.0000	-0.0021	-0.0198	-0.0109	-0.0008
Node 13: 2: G2	0.0000	0.0000	-0.0004	-0.0042	-0.0018	-0.0001
Node 13: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0001	0.0000
Node 13: 4: Carico mobile centrato	-0.0001	0.0000	-0.0013	-0.0128	0.0076	0.0007
Node 14: 1: G1	0.0001	0.0000	-0.0015	-0.0258	-0.0081	-0.0011
Node 14: 2: G2	0.0000	0.0000	-0.0003	-0.0055	-0.0013	-0.0002
Node 14: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 14: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	-0.0163	0.0053	0.0008
Node 15: 1: G1	0.0000	0.0000	-0.0012	-0.0282	-0.0062	-0.0012
Node 15: 2: G2	0.0000	0.0000	-0.0002	-0.0060	-0.0010	-0.0002
Node 15: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 15: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	-0.0176	0.0040	0.0008
Node 16: 1: G1	0.0000	0.0000	-0.0009	-0.0291	-0.0054	-0.0013
Node 16: 2: G2	0.0000	0.0000	-0.0002	-0.0062	-0.0009	-0.0002
Node 16: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 16: 4: Carico mobile centrato	0.0000	0.0000	-0.0006	-0.0181	0.0034	0.0009
Node 17: 1: G1	0.0000	0.0000	-0.0003	-0.0306	-0.0030	-0.0014
Node 17: 2: G2	0.0000	0.0000	-0.0001	-0.0065	-0.0005	-0.0002
Node 17: 3: Vento Q5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
Node 17: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0190	0.0017	0.0010
Node 18: 1: G1	0.0000	0.0000	0.0000	-0.0308	-0.0019	-0.0014
Node 18: 2: G2	0.0000	0.0000	0.0000	-0.0065	-0.0003	-0.0002
Node 18: 3: Vento Q5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
Node 18: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0191	0.0011	0.0010
Node 19: 1: G1	0.0000	0.0000	0.0001	-0.0308	-0.0019	-0.0014
Node 19: 2: G2	0.0000	0.0000	0.0000	-0.0065	-0.0003	-0.0002
Node 19: 3: Vento Q5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
Node 19: 4: Carico mobile centrato	0.0000	0.0000	0.0001	-0.0191	0.0011	0.0010
Node 20: 1: G1	0.0000	0.0000	0.0001	0.0263	-0.0001	0.0002
Node 20: 2: G2	0.0000	0.0000	0.0000	0.0058	0.0000	0.0000
Node 20: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0000	0.0000
Node 20: 4: Carico mobile centrato	0.0000	0.0000	0.0001	0.0243	0.0000	0.0000
Node 21: 1: G1	0.0000	0.0000	0.0000	0.0263	-0.0001	0.0002
Node 21: 2: G2	0.0000	0.0000	0.0000	0.0058	0.0000	0.0000
Node 21: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0000	0.0000
Node 21: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0243	0.0000	0.0000
Node 22: 1: G1	0.0000	0.0000	-0.0003	0.0261	-0.0006	0.0003
Node 22: 2: G2	0.0000	0.0000	-0.0001	0.0058	-0.0001	0.0000
Node 22: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0000	0.0000
Node 22: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0243	0.0000	0.0000
Node 23: 1: G1	0.0000	0.0000	-0.0008	0.0248	-0.0013	0.0004
Node 23: 2: G2	0.0000	0.0000	-0.0002	0.0055	-0.0002	0.0001
Node 23: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0001	0.0000
Node 23: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	0.0237	0.0000	0.0000
Node 24: 1: G1	0.0000	0.0000	-0.0010	0.0240	-0.0016	0.0004
Node 24: 2: G2	0.0000	0.0000	-0.0002	0.0053	-0.0002	0.0001
Node 24: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0001	0.0000
Node 24: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	0.0232	0.0000	0.0000
Node 25: 1: G1	0.0000	0.0000	-0.0013	0.0220	-0.0022	0.0004
Node 25: 2: G2	0.0000	0.0000	-0.0003	0.0049	-0.0003	0.0001
Node 25: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0002	0.0000
Node 25: 4: Carico mobile centrato	0.0000	0.0000	-0.0012	0.0220	0.0001	0.0000
Node 26: 1: G1	0.0000	0.0000	-0.0018	0.0169	-0.0032	0.0003
Node 26: 2: G2	0.0000	0.0000	-0.0004	0.0038	-0.0005	0.0000
Node 26: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0002	0.0000
Node 26: 4: Carico mobile centrato	0.0000	0.0000	-0.0018	0.0161	0.0001	0.0000
Node 27: 1: G1	0.0000	0.0000	-0.0022	0.0106	-0.0039	0.0002

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Node 27: 2: G2	0.0000	0.0000	-0.0005	0.0024	-0.0006	0.0000
Node 27: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0003	0.0000
Node 27: 4: Carico mobile centrato	0.0000	0.0000	-0.0022	0.0120	0.0001	0.0000
Node 28: 1: G1	0.0000	0.0000	-0.0024	0.0036	-0.0043	0.0001
Node 28: 2: G2	0.0000	0.0000	-0.0005	0.0008	-0.0006	0.0000
Node 28: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
Node 28: 4: Carico mobile centrato	0.0000	0.0000	-0.0024	0.0041	0.0001	0.0000
Node 29: 1: G1	0.0000	0.0000	-0.0024	0.0000	-0.0043	0.0000
Node 29: 2: G2	0.0000	0.0000	-0.0005	0.0000	-0.0006	0.0000
Node 29: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
Node 29: 4: Carico mobile centrato	0.0000	0.0000	-0.0024	-0.0001	0.0001	0.0000
Node 30: 1: G1	0.0000	0.0000	-0.0024	-0.0036	-0.0043	-0.0001
Node 30: 2: G2	0.0000	0.0000	-0.0005	-0.0008	-0.0006	0.0000
Node 30: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
Node 30: 4: Carico mobile centrato	0.0000	0.0000	-0.0024	-0.0043	0.0001	0.0000
Node 31: 1: G1	0.0000	0.0000	-0.0022	-0.0106	-0.0039	-0.0002
Node 31: 2: G2	0.0000	0.0000	-0.0005	-0.0024	-0.0006	0.0000
Node 31: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0003	0.0000
Node 31: 4: Carico mobile centrato	0.0000	0.0000	-0.0022	-0.0122	0.0001	0.0000
Node 32: 1: G1	0.0000	0.0000	-0.0018	-0.0169	-0.0032	-0.0003
Node 32: 2: G2	0.0000	0.0000	-0.0004	-0.0036	-0.0005	0.0000
Node 32: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0002	0.0000
Node 32: 4: Carico mobile centrato	0.0000	0.0000	-0.0017	-0.0181	0.0000	0.0000
Node 33: 1: G1	0.0000	0.0000	-0.0013	-0.0220	-0.0022	-0.0004
Node 33: 2: G2	0.0000	0.0000	-0.0003	-0.0049	-0.0003	-0.0001
Node 33: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0002	0.0000
Node 33: 4: Carico mobile centrato	0.0000	0.0000	-0.0012	-0.0219	0.0000	0.0000
Node 34: 1: G1	0.0000	0.0000	-0.0010	-0.0240	-0.0016	-0.0004
Node 34: 2: G2	0.0000	0.0000	-0.0002	-0.0053	-0.0002	-0.0001
Node 34: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0001	0.0000
Node 34: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	-0.0231	0.0000	0.0000
Node 35: 1: G1	0.0000	0.0000	-0.0008	-0.0248	-0.0013	-0.0004
Node 35: 2: G2	0.0000	0.0000	-0.0002	-0.0055	-0.0002	-0.0001
Node 35: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0001	0.0000
Node 35: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	-0.0235	0.0000	0.0000
Node 36: 1: G1	0.0000	0.0000	-0.0003	-0.0261	-0.0006	-0.0003
Node 36: 2: G2	0.0000	0.0000	-0.0001	-0.0058	-0.0001	0.0000
Node 36: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000
Node 36: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0240	0.0000	0.0000
Node 37: 1: G1	0.0000	0.0000	0.0000	-0.0263	-0.0001	-0.0002
Node 37: 2: G2	0.0000	0.0000	0.0000	-0.0058	0.0000	0.0000
Node 37: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000
Node 37: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0241	-0.0001	0.0000
Node 38: 1: G1	0.0000	0.0000	0.0001	-0.0263	-0.0001	-0.0002
Node 38: 2: G2	0.0000	0.0000	0.0000	-0.0058	0.0000	0.0000
Node 38: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000
Node 38: 4: Carico mobile centrato	0.0000	0.0000	0.0001	-0.0241	-0.0001	0.0000
Node 39: 1: G1	0.0000	0.0000	0.0001	0.0250	-0.0001	0.0001
Node 39: 2: G2	0.0000	0.0000	0.0000	0.0056	0.0000	0.0000
Node 39: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000
Node 39: 4: Carico mobile centrato	0.0000	0.0000	0.0001	0.0194	-0.0005	0.0006
Node 40: 1: G1	0.0000	0.0000	0.0000	0.0250	-0.0001	0.0001
Node 40: 2: G2	0.0000	0.0000	0.0000	0.0056	0.0000	0.0000
Node 40: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000
Node 40: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0194	-0.0005	0.0006
Node 41: 1: G1	0.0000	0.0000	-0.0002	0.0248	-0.0002	0.0001
Node 41: 2: G2	0.0000	0.0000	-0.0001	0.0056	0.0000	0.0000
Node 41: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000
Node 41: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0193	-0.0009	0.0006
Node 42: 1: G1	0.0000	0.0000	-0.0008	0.0235	-0.0004	0.0001
Node 42: 2: G2	0.0000	0.0000	-0.0002	0.0053	-0.0001	0.0000

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Node 42: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0001	0.0000
Node 42: 4: Carico mobile centrato	0.0000	0.0000	-0.0006	0.0185	-0.0021	0.0006
Node 43: 1: G1	0.0000	0.0000	-0.0009	0.0228	-0.0004	0.0001
Node 43: 2: G2	0.0000	0.0000	-0.0002	0.0051	-0.0001	0.0000
Node 43: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0001	0.0000
Node 43: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	0.0179	-0.0026	0.0006
Node 44: 1: G1	0.0000	0.0000	-0.0012	0.0209	-0.0006	0.0001
Node 44: 2: G2	0.0000	0.0000	-0.0003	0.0047	-0.0001	0.0000
Node 44: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0002	0.0000
Node 44: 4: Carico mobile centrato	0.0000	0.0000	-0.0010	0.0166	-0.0036	0.0006
Node 45: 1: G1	0.0000	0.0000	-0.0017	0.0160	-0.0008	0.0001
Node 45: 2: G2	0.0000	0.0000	-0.0004	0.0036	-0.0001	0.0000
Node 45: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0003	0.0000
Node 45: 4: Carico mobile centrato	0.0000	0.0000	-0.0014	0.0131	-0.0054	0.0005
Node 46: 1: G1	0.0000	0.0000	-0.0021	0.0100	-0.0010	0.0001
Node 46: 2: G2	0.0000	0.0000	-0.0005	0.0023	-0.0001	0.0000
Node 46: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
Node 46: 4: Carico mobile centrato	0.0001	0.0000	-0.0016	0.0084	-0.0068	0.0004
Node 47: 1: G1	0.0000	0.0000	-0.0022	0.0034	-0.0011	0.0000
Node 47: 2: G2	0.0000	0.0000	-0.0005	0.0008	-0.0002	0.0000
Node 47: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000
Node 47: 4: Carico mobile centrato	0.0001	0.0000	-0.0018	0.0029	-0.0076	0.0001
Node 48: 1: G1	0.0000	0.0000	-0.0023	0.0000	-0.0011	0.0000
Node 48: 2: G2	0.0000	0.0000	-0.0005	0.0000	-0.0002	0.0000
Node 48: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000
Node 48: 4: Carico mobile centrato	0.0001	0.0000	-0.0018	0.0001	-0.0076	0.0000
Node 49: 1: G1	0.0000	0.0000	-0.0022	-0.0034	-0.0011	0.0000
Node 49: 2: G2	0.0000	0.0000	-0.0005	-0.0008	-0.0002	0.0000
Node 49: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000
Node 49: 4: Carico mobile centrato	0.0001	0.0000	-0.0018	-0.0028	-0.0076	-0.0001
Node 50: 1: G1	0.0000	0.0000	-0.0021	-0.0100	-0.0010	-0.0001
Node 50: 2: G2	0.0000	0.0000	-0.0005	-0.0023	-0.0001	0.0000
Node 50: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
Node 50: 4: Carico mobile centrato	0.0001	0.0000	-0.0016	-0.0083	-0.0069	-0.0003
Node 51: 1: G1	0.0000	0.0000	-0.0017	-0.0160	-0.0008	-0.0001
Node 51: 2: G2	0.0000	0.0000	-0.0004	-0.0036	-0.0001	0.0000
Node 51: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0003	0.0000
Node 51: 4: Carico mobile centrato	0.0000	0.0000	-0.0014	-0.0130	-0.0056	-0.0005
Node 52: 1: G1	0.0000	0.0000	-0.0012	-0.0209	-0.0006	-0.0001
Node 52: 2: G2	0.0000	0.0000	-0.0003	-0.0047	-0.0001	0.0000
Node 52: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0002	0.0000
Node 52: 4: Carico mobile centrato	0.0000	0.0000	-0.0010	-0.0167	-0.0038	-0.0006
Node 53: 1: G1	0.0000	0.0000	-0.0009	-0.0228	-0.0004	-0.0001
Node 53: 2: G2	0.0000	0.0000	-0.0002	-0.0051	-0.0001	0.0000
Node 53: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000
Node 53: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	-0.0180	-0.0028	-0.0006
Node 54: 1: G1	0.0000	0.0000	-0.0008	-0.0235	-0.0004	-0.0001
Node 54: 2: G2	0.0000	0.0000	-0.0002	-0.0053	-0.0001	0.0000
Node 54: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000
Node 54: 4: Carico mobile centrato	0.0000	0.0000	-0.0006	-0.0185	-0.0023	-0.0006
Node 55: 1: G1	0.0000	0.0000	-0.0002	-0.0248	-0.0002	-0.0001
Node 55: 2: G2	0.0000	0.0000	-0.0001	-0.0056	0.0000	0.0000
Node 55: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
Node 55: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0194	-0.0010	-0.0007
Node 56: 1: G1	0.0000	0.0000	0.0000	-0.0250	-0.0001	-0.0001
Node 56: 2: G2	0.0000	0.0000	0.0000	-0.0056	0.0000	0.0000
Node 56: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
Node 56: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0195	-0.0005	-0.0007
Node 57: 1: G1	0.0000	0.0000	0.0001	-0.0250	-0.0001	-0.0001
Node 57: 2: G2	0.0000	0.0000	0.0000	-0.0056	0.0000	0.0000
Node 57: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000

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Node 57: 4: Carico mobile centrato	0.0000	0.0000	0.0001	-0.0195	-0.0005	-0.0007
Node 58: 1: G1	0.0000	0.0000	0.0001	0.0250	0.0001	-0.0001
Node 58: 2: G2	0.0000	0.0000	0.0000	0.0056	0.0000	0.0000
Node 58: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
Node 58: 4: Carico mobile centrato	0.0000	0.0000	0.0001	0.0194	0.0005	-0.0006
Node 59: 1: G1	0.0000	0.0000	0.0000	0.0250	0.0001	-0.0001
Node 59: 2: G2	0.0000	0.0000	0.0000	0.0056	0.0000	0.0000
Node 59: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
Node 59: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0194	0.0005	-0.0006
Node 60: 1: G1	0.0000	0.0000	-0.0002	0.0248	0.0002	-0.0001
Node 60: 2: G2	0.0000	0.0000	-0.0001	0.0056	0.0000	0.0000
Node 60: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000
Node 60: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0193	0.0009	-0.0006
Node 61: 1: G1	0.0000	0.0000	-0.0008	0.0235	0.0004	-0.0001
Node 61: 2: G2	0.0000	0.0000	-0.0002	0.0053	0.0001	0.0000
Node 61: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000
Node 61: 4: Carico mobile centrato	0.0000	0.0000	-0.0006	0.0185	0.0021	-0.0006
Node 62: 1: G1	0.0000	0.0000	-0.0009	0.0228	0.0004	-0.0001
Node 62: 2: G2	0.0000	0.0000	-0.0002	0.0051	0.0001	0.0000
Node 62: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000
Node 62: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	0.0179	0.0026	-0.0006
Node 63: 1: G1	0.0000	0.0000	-0.0012	0.0209	0.0006	-0.0001
Node 63: 2: G2	0.0000	0.0000	-0.0003	0.0047	0.0001	0.0000
Node 63: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0002	0.0000
Node 63: 4: Carico mobile centrato	0.0000	0.0000	-0.0010	0.0166	0.0036	-0.0006
Node 64: 1: G1	0.0000	0.0000	-0.0017	0.0160	0.0008	-0.0001
Node 64: 2: G2	0.0000	0.0000	-0.0004	0.0036	0.0001	0.0000
Node 64: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0003	0.0000
Node 64: 4: Carico mobile centrato	0.0000	0.0000	-0.0014	0.0131	0.0054	-0.0005
Node 65: 1: G1	0.0000	0.0000	-0.0021	0.0100	0.0010	-0.0001
Node 65: 2: G2	0.0000	0.0000	-0.0005	0.0023	0.0001	0.0000
Node 65: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
Node 65: 4: Carico mobile centrato	-0.0001	0.0000	-0.0016	0.0084	0.0068	-0.0004
Node 66: 1: G1	0.0000	0.0000	-0.0022	0.0034	0.0011	0.0000
Node 66: 2: G2	0.0000	0.0000	-0.0005	0.0008	0.0002	0.0000
Node 66: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000
Node 66: 4: Carico mobile centrato	-0.0001	0.0000	-0.0018	0.0029	0.0076	-0.0001
Node 67: 1: G1	0.0000	0.0000	-0.0023	0.0000	0.0011	0.0000
Node 67: 2: G2	0.0000	0.0000	-0.0005	0.0000	0.0002	0.0000
Node 67: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000
Node 67: 4: Carico mobile centrato	-0.0001	0.0000	-0.0018	0.0001	0.0076	0.0000
Node 68: 1: G1	0.0000	0.0000	-0.0022	-0.0034	0.0011	0.0000
Node 68: 2: G2	0.0000	0.0000	-0.0005	-0.0008	0.0002	0.0000
Node 68: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000
Node 68: 4: Carico mobile centrato	-0.0001	0.0000	-0.0018	-0.0028	0.0076	0.0001
Node 69: 1: G1	0.0000	0.0000	-0.0021	-0.0100	0.0010	0.0001
Node 69: 2: G2	0.0000	0.0000	-0.0005	-0.0023	0.0001	0.0000
Node 69: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
Node 69: 4: Carico mobile centrato	-0.0001	0.0000	-0.0016	-0.0083	0.0069	0.0003
Node 70: 1: G1	0.0000	0.0000	-0.0017	-0.0160	0.0008	0.0001
Node 70: 2: G2	0.0000	0.0000	-0.0004	-0.0036	0.0001	0.0000
Node 70: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0003	0.0000
Node 70: 4: Carico mobile centrato	0.0000	0.0000	-0.0014	-0.0130	0.0056	0.0005
Node 71: 1: G1	0.0000	0.0000	-0.0012	-0.0209	0.0006	0.0001
Node 71: 2: G2	0.0000	0.0000	-0.0003	-0.0047	0.0001	0.0000
Node 71: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0002	0.0000
Node 71: 4: Carico mobile centrato	0.0000	0.0000	-0.0010	-0.0167	0.0038	0.0006
Node 72: 1: G1	0.0000	0.0000	-0.0009	-0.0228	0.0004	0.0001
Node 72: 2: G2	0.0000	0.0000	-0.0002	-0.0051	0.0001	0.0000
Node 72: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0001	0.0000
Node 72: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	-0.0180	0.0028	0.0006

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Node 73: 1: G1	0.0000	0.0000	-0.0008	-0.0235	0.0004	0.0001
Node 73: 2: G2	0.0000	0.0000	-0.0002	-0.0053	0.0001	0.0000
Node 73: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0001	0.0000
Node 73: 4: Carico mobile centrato	0.0000	0.0000	-0.0006	-0.0185	0.0023	0.0006
Node 74: 1: G1	0.0000	0.0000	-0.0002	-0.0248	0.0002	0.0001
Node 74: 2: G2	0.0000	0.0000	-0.0001	-0.0056	0.0000	0.0000
Node 74: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000
Node 74: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0194	0.0010	0.0007
Node 75: 1: G1	0.0000	0.0000	0.0000	-0.0250	0.0001	0.0001
Node 75: 2: G2	0.0000	0.0000	0.0000	-0.0056	0.0000	0.0000
Node 75: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000
Node 75: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0195	0.0005	0.0007
Node 76: 1: G1	0.0000	0.0000	0.0001	-0.0250	0.0001	0.0001
Node 76: 2: G2	0.0000	0.0000	0.0000	-0.0056	0.0000	0.0000
Node 76: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0000	0.0000
Node 76: 4: Carico mobile centrato	0.0000	0.0000	0.0001	-0.0195	0.0005	0.0007
Node 77: 1: G1	0.0000	0.0000	0.0001	0.0263	0.0001	-0.0002
Node 77: 2: G2	0.0000	0.0000	0.0000	0.0058	0.0000	0.0000
Node 77: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000
Node 77: 4: Carico mobile centrato	0.0000	0.0000	0.0001	0.0243	0.0000	0.0000
Node 78: 1: G1	0.0000	0.0000	0.0000	0.0263	0.0001	-0.0002
Node 78: 2: G2	0.0000	0.0000	0.0000	0.0058	0.0000	0.0000
Node 78: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000
Node 78: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0243	0.0000	0.0000
Node 79: 1: G1	0.0000	0.0000	-0.0003	0.0261	0.0006	-0.0003
Node 79: 2: G2	0.0000	0.0000	-0.0001	0.0058	0.0001	0.0000
Node 79: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0000	0.0000
Node 79: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0243	0.0000	0.0000
Node 80: 1: G1	0.0000	0.0000	-0.0008	0.0248	0.0013	-0.0004
Node 80: 2: G2	0.0000	0.0000	-0.0002	0.0055	0.0002	-0.0001
Node 80: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0001	0.0000
Node 80: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	0.0237	0.0000	0.0000
Node 81: 1: G1	0.0000	0.0000	-0.0010	0.0240	0.0016	-0.0004
Node 81: 2: G2	0.0000	0.0000	-0.0002	0.0053	0.0002	-0.0001
Node 81: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0001	0.0000
Node 81: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	0.0232	0.0000	0.0000
Node 82: 1: G1	0.0000	0.0000	-0.0013	0.0220	0.0022	-0.0004
Node 82: 2: G2	0.0000	0.0000	-0.0003	0.0049	0.0003	-0.0001
Node 82: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0002	0.0000
Node 82: 4: Carico mobile centrato	0.0000	0.0000	-0.0012	0.0220	-0.0001	0.0000
Node 83: 1: G1	0.0000	0.0000	-0.0018	0.0169	0.0032	-0.0003
Node 83: 2: G2	0.0000	0.0000	-0.0004	0.0038	0.0005	0.0000
Node 83: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0002	0.0000
Node 83: 4: Carico mobile centrato	0.0000	0.0000	-0.0018	0.0181	-0.0001	0.0000
Node 84: 1: G1	0.0000	0.0000	-0.0022	0.0106	0.0039	-0.0002
Node 84: 2: G2	0.0000	0.0000	-0.0005	0.0024	0.0006	0.0000
Node 84: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0003	0.0000
Node 84: 4: Carico mobile centrato	0.0000	0.0000	-0.0022	0.0120	-0.0001	0.0000
Node 85: 1: G1	0.0000	0.0000	-0.0024	0.0036	0.0043	-0.0001
Node 85: 2: G2	0.0000	0.0000	-0.0005	0.0008	0.0006	0.0000
Node 85: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
Node 85: 4: Carico mobile centrato	0.0000	0.0000	-0.0024	0.0041	-0.0001	0.0000
Node 86: 1: G1	0.0000	0.0000	-0.0024	0.0000	0.0043	0.0000
Node 86: 2: G2	0.0000	0.0000	-0.0005	0.0000	0.0006	0.0000
Node 86: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
Node 86: 4: Carico mobile centrato	0.0000	0.0000	-0.0024	-0.0001	-0.0001	0.0000
Node 87: 1: G1	0.0000	0.0000	-0.0024	-0.0036	0.0043	0.0001
Node 87: 2: G2	0.0000	0.0000	-0.0005	-0.0008	0.0006	0.0000
Node 87: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0003	0.0000
Node 87: 4: Carico mobile centrato	0.0000	0.0000	-0.0024	-0.0043	-0.0001	0.0000
Node 88: 1: G1	0.0000	0.0000	-0.0022	-0.0106	0.0039	0.0002

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Node 88: 2: G2	0.0000	0.0000	-0.0005	-0.0024	0.0006	0.0000
Node 88: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0003	0.0000
Node 88: 4: Carico mobile centrato	0.0000	0.0000	-0.0022	-0.0122	-0.0001	0.0000
Node 89: 1: G1	0.0000	0.0000	-0.0018	-0.0169	0.0032	0.0003
Node 89: 2: G2	0.0000	0.0000	-0.0004	-0.0038	0.0005	0.0000
Node 89: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0002	0.0000
Node 89: 4: Carico mobile centrato	0.0000	0.0000	-0.0017	-0.0181	0.0000	0.0000
Node 90: 1: G1	0.0000	0.0000	-0.0013	-0.0220	0.0022	0.0004
Node 90: 2: G2	0.0000	0.0000	-0.0003	-0.0049	0.0003	0.0001
Node 90: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0002	0.0000
Node 90: 4: Carico mobile centrato	0.0000	0.0000	-0.0012	-0.0219	0.0000	0.0000
Node 91: 1: G1	0.0000	0.0000	-0.0010	-0.0240	0.0016	0.0004
Node 91: 2: G2	0.0000	0.0000	-0.0002	-0.0053	0.0002	0.0001
Node 91: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0001	0.0000
Node 91: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	-0.0231	0.0000	0.0000
Node 92: 1: G1	0.0000	0.0000	-0.0008	-0.0248	0.0013	0.0004
Node 92: 2: G2	0.0000	0.0000	-0.0002	-0.0055	0.0002	0.0001
Node 92: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0001	0.0000
Node 92: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	-0.0235	0.0000	0.0000
Node 93: 1: G1	0.0000	0.0000	-0.0003	-0.0261	0.0006	0.0003
Node 93: 2: G2	0.0000	0.0000	-0.0001	-0.0058	0.0001	0.0000
Node 93: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0000	0.0000
Node 93: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0240	0.0000	0.0000
Node 94: 1: G1	0.0000	0.0000	0.0000	-0.0263	0.0001	0.0002
Node 94: 2: G2	0.0000	0.0000	0.0000	-0.0058	0.0000	0.0000
Node 94: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0000	0.0000
Node 94: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0241	0.0001	0.0000
Node 95: 1: G1	0.0000	0.0000	0.0001	-0.0263	0.0001	0.0002
Node 95: 2: G2	0.0000	0.0000	0.0000	-0.0058	0.0000	0.0000
Node 95: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0000	0.0000
Node 95: 4: Carico mobile centrato	0.0000	0.0000	0.0001	-0.0241	0.0001	0.0000
Node 96: 1: G1	0.0000	0.0000	0.0001	0.0308	0.0019	-0.0014
Node 96: 2: G2	0.0000	0.0000	0.0000	0.0065	0.0003	-0.0002
Node 96: 3: Vento Q5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
Node 96: 4: Carico mobile centrato	0.0000	0.0000	0.0001	0.0190	-0.0011	0.0008
Node 97: 1: G1	0.0000	0.0000	0.0000	0.0308	0.0019	-0.0014
Node 97: 2: G2	0.0000	0.0000	0.0000	0.0065	0.0003	-0.0002
Node 97: 3: Vento Q5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
Node 97: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0190	-0.0011	0.0008
Node 98: 1: G1	0.0000	0.0000	-0.0003	0.0306	0.0030	-0.0014
Node 98: 2: G2	0.0000	0.0000	-0.0001	0.0065	0.0005	-0.0002
Node 98: 3: Vento Q5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
Node 98: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0189	-0.0016	0.0008
Node 99: 1: G1	0.0000	0.0000	-0.0009	0.0291	0.0054	-0.0013
Node 99: 2: G2	0.0000	0.0000	-0.0002	0.0062	0.0009	-0.0002
Node 99: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 99: 4: Carico mobile centrato	0.0000	0.0000	-0.0006	0.0181	-0.0032	0.0008
Node 100: 1: G1	0.0000	0.0000	-0.0012	0.0282	0.0062	-0.0012
Node 100: 2: G2	0.0000	0.0000	-0.0002	0.0060	0.0010	-0.0002
Node 100: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 100: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	0.0175	-0.0038	0.0008
Node 101: 1: G1	-0.0001	0.0000	-0.0015	0.0258	0.0081	-0.0011
Node 101: 2: G2	0.0000	0.0000	-0.0003	0.0055	0.0013	-0.0002
Node 101: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 101: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	0.0163	-0.0051	0.0008
Node 102: 1: G1	-0.0001	0.0000	-0.0021	0.0198	0.0109	-0.0008
Node 102: 2: G2	0.0000	0.0000	-0.0004	0.0042	0.0018	-0.0001
Node 102: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0001	0.0000
Node 102: 4: Carico mobile centrato	0.0001	0.0000	-0.0013	0.0128	-0.0074	0.0007
Node 103: 1: G1	-0.0001	0.0000	-0.0025	0.0124	0.0128	-0.0005
Node 103: 2: G2	0.0000	0.0000	-0.0005	0.0026	0.0021	-0.0001

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Node 103: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0001	0.0000
Node 103: 4: Carico mobile centrato	0.0001	0.0000	-0.0016	0.0082	-0.0092	0.0005
Node 104: 1: G1	-0.0001	0.0000	-0.0028	0.0042	0.0137	-0.0002
Node 104: 2: G2	0.0000	0.0000	-0.0006	0.0009	0.0022	0.0000
Node 104: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0002	0.0000
Node 104: 4: Carico mobile centrato	0.0001	0.0000	-0.0017	0.0028	-0.0101	0.0002
Node 105: 1: G1	-0.0001	0.0000	-0.0028	0.0000	0.0137	0.0000
Node 105: 2: G2	0.0000	0.0000	-0.0006	0.0000	0.0022	0.0000
Node 105: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0002	0.0000
Node 105: 4: Carico mobile centrato	0.0001	0.0000	-0.0018	0.0000	-0.0101	0.0000
Node 106: 1: G1	-0.0001	0.0000	-0.0028	-0.0042	0.0137	0.0002
Node 106: 2: G2	0.0000	0.0000	-0.0006	-0.0009	0.0022	0.0000
Node 106: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0002	0.0000
Node 106: 4: Carico mobile centrato	0.0001	0.0000	-0.0017	-0.0028	-0.0102	-0.0002
Node 107: 1: G1	-0.0001	0.0000	-0.0025	-0.0124	0.0128	0.0005
Node 107: 2: G2	0.0000	0.0000	-0.0005	-0.0026	0.0021	0.0001
Node 107: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0001	0.0000
Node 107: 4: Carico mobile centrato	0.0001	0.0000	-0.0016	-0.0081	-0.0093	-0.0005
Node 108: 1: G1	-0.0001	0.0000	-0.0021	-0.0198	0.0109	0.0008
Node 108: 2: G2	0.0000	0.0000	-0.0004	-0.0042	0.0018	0.0001
Node 108: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0001	0.0000
Node 108: 4: Carico mobile centrato	0.0001	0.0000	-0.0013	-0.0128	-0.0076	-0.0007
Node 109: 1: G1	-0.0001	0.0000	-0.0015	-0.0258	0.0081	0.0011
Node 109: 2: G2	0.0000	0.0000	-0.0003	-0.0055	0.0013	0.0002
Node 109: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 109: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	-0.0163	-0.0053	-0.0008
Node 110: 1: G1	0.0000	0.0000	-0.0012	-0.0282	0.0082	0.0012
Node 110: 2: G2	0.0000	0.0000	-0.0002	-0.0060	0.0010	0.0002
Node 110: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 110: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	-0.0176	-0.0040	-0.0008
Node 111: 1: G1	0.0000	0.0000	-0.0009	-0.0291	0.0054	0.0013
Node 111: 2: G2	0.0000	0.0000	-0.0002	-0.0062	0.0009	0.0002
Node 111: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 111: 4: Carico mobile centrato	0.0000	0.0000	-0.0006	-0.0181	-0.0034	-0.0009
Node 112: 1: G1	0.0000	0.0000	-0.0003	-0.0306	0.0030	0.0014
Node 112: 2: G2	0.0000	0.0000	-0.0001	-0.0065	0.0005	0.0002
Node 112: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0005	0.0000	0.0000
Node 112: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0190	-0.0017	-0.0010
Node 113: 1: G1	0.0000	0.0000	0.0000	-0.0308	0.0019	0.0014
Node 113: 2: G2	0.0000	0.0000	0.0000	-0.0065	0.0003	0.0002
Node 113: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0005	0.0000	0.0000
Node 113: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0191	-0.0011	-0.0010
Node 114: 1: G1	0.0000	0.0000	0.0001	-0.0308	0.0019	0.0014
Node 114: 2: G2	0.0000	0.0000	0.0000	-0.0065	0.0003	0.0002
Node 114: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0005	0.0000	0.0000
Node 114: 4: Carico mobile centrato	0.0000	0.0000	0.0001	-0.0191	-0.0011	-0.0010
Node 115: 1: G1	0.0000	0.0000	0.0000	0.0285	0.0005	-0.0013
Node 115: 2: G2	0.0000	0.0000	0.0000	0.0061	0.0001	-0.0002
Node 115: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0000	0.0000
Node 115: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0216	-0.0003	0.0022
Node 116: 1: G1	0.0000	0.0000	0.0000	0.0256	0.0000	-0.0004
Node 116: 2: G2	0.0000	0.0000	0.0000	0.0057	0.0000	-0.0001
Node 116: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0000	0.0001
Node 116: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0218	0.0001	-0.0022
Node 117: 1: G1	0.0000	0.0000	0.0000	0.0250	0.0000	0.0000
Node 117: 2: G2	0.0000	0.0000	0.0000	0.0056	0.0000	0.0000
Node 117: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001
Node 117: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0194	0.0000	0.0000
Node 118: 1: G1	0.0000	0.0000	0.0000	0.0256	0.0000	0.0004
Node 118: 2: G2	0.0000	0.0000	0.0000	0.0057	0.0000	0.0001
Node 118: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0000	0.0001

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Node 118: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0218	-0.0001	0.0022
Node 119: 1: G1	0.0000	0.0000	0.0000	0.0285	-0.0005	0.0013
Node 119: 2: G2	0.0000	0.0000	0.0000	0.0061	-0.0001	0.0002
Node 119: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000
Node 119: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0216	0.0003	-0.0022
Node 120: 1: G1	0.0000	0.0000	0.0000	-0.0308	-0.0020	-0.0014
Node 120: 2: G2	0.0000	0.0000	0.0000	-0.0065	-0.0003	-0.0002
Node 120: 3: Vento Q5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
Node 120: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0191	0.0011	0.0010
Node 121: 1: G1	0.0000	0.0000	0.0000	-0.0285	0.0005	0.0012
Node 121: 2: G2	0.0000	0.0000	0.0000	-0.0061	0.0001	0.0002
Node 121: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000
Node 121: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0216	-0.0003	-0.0012
Node 122: 1: G1	0.0000	0.0000	0.0000	-0.0256	0.0000	0.0003
Node 122: 2: G2	0.0000	0.0000	0.0000	-0.0057	0.0000	0.0000
Node 122: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0000	-0.0001
Node 122: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0218	0.0001	0.0010
Node 123: 1: G1	0.0000	0.0000	0.0000	-0.0250	0.0000	0.0000
Node 123: 2: G2	0.0000	0.0000	0.0000	-0.0056	0.0000	0.0000
Node 123: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0000	-0.0001
Node 123: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0195	0.0000	0.0000
Node 124: 1: G1	0.0000	0.0000	0.0000	-0.0256	0.0000	-0.0003
Node 124: 2: G2	0.0000	0.0000	0.0000	-0.0057	0.0000	0.0000
Node 124: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0000	-0.0001
Node 124: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0218	-0.0001	-0.0010
Node 125: 1: G1	0.0000	0.0000	0.0000	-0.0285	-0.0005	-0.0012
Node 125: 2: G2	0.0000	0.0000	0.0000	-0.0061	-0.0001	-0.0002
Node 125: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0000	0.0000
Node 125: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0216	0.0003	0.0012
Node 126: 1: G1	0.0000	0.0000	0.0000	-0.0308	0.0020	0.0014
Node 126: 2: G2	0.0000	0.0000	0.0000	-0.0065	0.0003	0.0002
Node 126: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0005	0.0000	0.0000
Node 126: 4: Carico mobile centrato	0.0000	0.0000	0.0000	-0.0191	-0.0011	-0.0010
Node 127: 1: G1	0.0002	-0.0001	-0.0012	0.0306	-0.0280	0.0014
Node 127: 2: G2	0.0000	0.0000	-0.0002	0.0065	-0.0049	0.0002
Node 127: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0005	0.0000	0.0000
Node 127: 4: Carico mobile centrato	0.0000	0.0000	-0.0001	0.0189	0.0016	-0.0008
Node 128: 1: G1	0.0002	0.0000	-0.0006	0.0306	-0.0273	0.0014
Node 128: 2: G2	0.0000	0.0000	-0.0001	0.0065	-0.0048	0.0002
Node 128: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0005	0.0000	0.0000
Node 128: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0189	0.0016	-0.0008
Node 129: 1: G1	0.0000	0.0000	-0.0003	0.0284	-0.0009	0.0010
Node 129: 2: G2	0.0000	0.0000	-0.0001	0.0061	-0.0001	0.0002
Node 129: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0000	0.0000
Node 129: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0216	0.0018	-0.0006
Node 130: 1: G1	0.0000	0.0000	-0.0002	0.0255	-0.0004	0.0003
Node 130: 2: G2	0.0000	0.0000	-0.0001	0.0057	-0.0001	0.0000
Node 130: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0001	0.0000
Node 130: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0218	-0.0018	0.0005
Node 131: 1: G1	0.0000	0.0000	-0.0002	0.0248	0.0000	0.0000
Node 131: 2: G2	0.0000	0.0000	-0.0001	0.0056	0.0000	0.0000
Node 131: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0001	-0.0001
Node 131: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0193	0.0000	0.0000
Node 132: 1: G1	0.0000	0.0000	-0.0002	0.0255	0.0004	-0.0003
Node 132: 2: G2	0.0000	0.0000	-0.0001	0.0057	0.0001	0.0000
Node 132: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0001	0.0000
Node 132: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0218	0.0018	-0.0005
Node 133: 1: G1	0.0000	0.0000	-0.0003	0.0284	0.0009	-0.0010
Node 133: 2: G2	0.0000	0.0000	-0.0001	0.0061	0.0001	-0.0002
Node 133: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000
Node 133: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0216	-0.0018	0.0006

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Node 134: 1: G1	-0.0002	0.0000	-0.0006	0.0306	0.0273	-0.0014
Node 134: 2: G2	0.0000	0.0000	-0.0001	0.0065	0.0048	-0.0002
Node 134: 3: Vento Q5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
Node 134: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	0.0189	-0.0016	0.0008
Node 135: 1: G1	0.0000	0.0000	-0.0008	0.0270	-0.0042	0.0010
Node 135: 2: G2	0.0000	0.0000	-0.0002	0.0058	-0.0006	0.0002
Node 135: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0002	0.0000
Node 135: 4: Carico mobile centrato	-0.0001	0.0000	-0.0007	0.0209	0.0065	-0.0007
Node 136: 1: G1	0.0000	0.0000	-0.0008	0.0242	-0.0013	0.0003
Node 136: 2: G2	0.0000	0.0000	-0.0002	0.0054	-0.0002	0.0000
Node 136: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0002	0.0000
Node 136: 4: Carico mobile centrato	0.0001	0.0000	-0.0007	0.0211	-0.0062	0.0006
Node 137: 1: G1	0.0000	0.0000	-0.0008	0.0235	0.0000	0.0000
Node 137: 2: G2	0.0000	0.0000	-0.0002	0.0053	0.0000	0.0000
Node 137: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0002	-0.0001
Node 137: 4: Carico mobile centrato	0.0000	0.0000	-0.0006	0.0185	0.0000	0.0000
Node 138: 1: G1	0.0000	0.0000	-0.0008	0.0242	0.0013	-0.0003
Node 138: 2: G2	0.0000	0.0000	-0.0002	0.0054	0.0002	0.0000
Node 138: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0002	0.0000
Node 138: 4: Carico mobile centrato	-0.0001	0.0000	-0.0007	0.0211	0.0062	-0.0006
Node 139: 1: G1	0.0000	0.0000	-0.0008	0.0270	0.0042	-0.0010
Node 139: 2: G2	0.0000	0.0000	-0.0002	0.0058	0.0006	-0.0002
Node 139: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0002	0.0000
Node 139: 4: Carico mobile centrato	0.0001	0.0000	-0.0007	0.0209	-0.0065	0.0007
Node 140: 1: G1	0.0001	0.0000	-0.0014	0.0239	-0.0070	0.0008
Node 140: 2: G2	0.0000	0.0000	-0.0003	0.0052	-0.0011	0.0001
Node 140: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0002	0.0000
Node 140: 4: Carico mobile centrato	-0.0001	0.0000	-0.0011	0.0191	0.0111	-0.0007
Node 141: 1: G1	0.0000	0.0000	-0.0013	0.0214	-0.0022	0.0003
Node 141: 2: G2	0.0000	0.0000	-0.0003	0.0048	-0.0003	0.0000
Node 141: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0003	0.0000
Node 141: 4: Carico mobile centrato	0.0001	0.0000	-0.0011	0.0193	-0.0106	0.0006
Node 142: 1: G1	0.0000	0.0000	-0.0012	0.0209	0.0000	0.0000
Node 142: 2: G2	0.0000	0.0000	-0.0003	0.0047	0.0000	0.0000
Node 142: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000
Node 142: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	0.0166	0.0000	0.0000
Node 143: 1: G1	0.0000	0.0000	-0.0013	0.0214	0.0022	-0.0003
Node 143: 2: G2	0.0000	0.0000	-0.0003	0.0048	0.0003	0.0000
Node 143: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0003	0.0000
Node 143: 4: Carico mobile centrato	-0.0001	0.0000	-0.0011	0.0193	0.0106	-0.0006
Node 144: 1: G1	-0.0001	0.0000	-0.0014	0.0239	0.0070	-0.0008
Node 144: 2: G2	0.0000	0.0000	-0.0003	0.0052	0.0011	-0.0001
Node 144: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0002	0.0000
Node 144: 4: Carico mobile centrato	0.0001	0.0000	-0.0011	0.0191	-0.0111	0.0007
Node 145: 1: G1	0.0001	0.0000	-0.0019	0.0184	-0.0099	0.0006
Node 145: 2: G2	0.0000	0.0000	-0.0004	0.0040	-0.0015	0.0001
Node 145: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0003	0.0000
Node 145: 4: Carico mobile centrato	-0.0001	0.0000	-0.0016	0.0154	0.0168	-0.0008
Node 146: 1: G1	0.0000	0.0000	-0.0017	0.0165	-0.0030	0.0002
Node 146: 2: G2	0.0000	0.0000	-0.0004	0.0037	-0.0004	0.0000
Node 146: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0005	0.0000
Node 146: 4: Carico mobile centrato	0.0001	0.0000	-0.0016	0.0156	-0.0161	0.0007
Node 147: 1: G1	0.0000	0.0000	-0.0017	0.0160	0.0000	0.0000
Node 147: 2: G2	0.0000	0.0000	-0.0004	0.0036	0.0000	0.0000
Node 147: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000
Node 147: 4: Carico mobile centrato	0.0000	0.0000	-0.0013	0.0131	0.0000	0.0000
Node 148: 1: G1	0.0000	0.0000	-0.0017	0.0165	0.0030	-0.0002
Node 148: 2: G2	0.0000	0.0000	-0.0004	0.0037	0.0004	0.0000
Node 148: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0005	0.0000
Node 148: 4: Carico mobile centrato	-0.0001	0.0000	-0.0016	0.0156	0.0161	-0.0007
Node 149: 1: G1	-0.0001	0.0000	-0.0019	0.0184	0.0099	-0.0006

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Node 149: 2: G2	0.0000	0.0000	-0.0004	0.0040	0.0015	-0.0001
Node 149: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0003	0.0000
Node 149: 4: Carico mobile centrato	0.0001	0.0000	-0.0016	0.0154	-0.0168	0.0008
Node 150: 1: G1	0.0001	0.0000	-0.0023	0.0115	-0.0119	0.0004
Node 150: 2: G2	0.0000	0.0000	-0.0005	0.0025	-0.0018	0.0001
Node 150: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0004	0.0000
Node 150: 4: Carico mobile centrato	-0.0002	0.0000	-0.0019	0.0101	0.0218	-0.0006
Node 151: 1: G1	0.0000	0.0000	-0.0021	0.0103	-0.0036	0.0001
Node 151: 2: G2	0.0000	0.0000	-0.0005	0.0023	-0.0005	0.0000
Node 151: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0006	0.0000
Node 151: 4: Carico mobile centrato	0.0002	0.0000	-0.0019	0.0102	-0.0209	0.0005
Node 152: 1: G1	0.0000	0.0000	-0.0020	0.0100	0.0000	0.0000
Node 152: 2: G2	0.0000	0.0000	-0.0005	0.0023	0.0000	0.0000
Node 152: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000
Node 152: 4: Carico mobile centrato	0.0000	0.0000	-0.0016	0.0084	0.0000	0.0000
Node 153: 1: G1	0.0000	0.0000	-0.0021	0.0103	0.0036	-0.0001
Node 153: 2: G2	0.0000	0.0000	-0.0005	0.0023	0.0005	0.0000
Node 153: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0006	0.0000
Node 153: 4: Carico mobile centrato	-0.0002	0.0000	-0.0019	0.0102	0.0209	-0.0005
Node 154: 1: G1	-0.0001	0.0000	-0.0023	0.0115	0.0119	-0.0004
Node 154: 2: G2	0.0000	0.0000	-0.0005	0.0025	0.0018	-0.0001
Node 154: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0004	0.0000
Node 154: 4: Carico mobile centrato	0.0002	0.0000	-0.0019	0.0101	-0.0218	0.0006
Node 155: 1: G1	0.0001	0.0000	-0.0025	0.0039	-0.0129	0.0001
Node 155: 2: G2	0.0000	0.0000	-0.0005	0.0009	-0.0020	0.0000
Node 155: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0004	0.0000
Node 155: 4: Carico mobile centrato	-0.0002	0.0000	-0.0021	0.0035	0.0245	-0.0002
Node 156: 1: G1	0.0000	0.0000	-0.0023	0.0035	-0.0040	0.0000
Node 156: 2: G2	0.0000	0.0000	-0.0005	0.0008	-0.0006	0.0000
Node 156: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000
Node 156: 4: Carico mobile centrato	0.0002	0.0000	-0.0021	0.0035	-0.0235	0.0001
Node 157: 1: G1	0.0000	0.0000	-0.0022	0.0034	0.0000	0.0000
Node 157: 2: G2	0.0000	0.0000	-0.0005	0.0008	0.0000	0.0000
Node 157: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000
Node 157: 4: Carico mobile centrato	0.0000	0.0000	-0.0017	0.0029	0.0000	0.0000
Node 158: 1: G1	0.0000	0.0000	-0.0023	0.0035	0.0040	0.0000
Node 158: 2: G2	0.0000	0.0000	-0.0005	0.0008	0.0006	0.0000
Node 158: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000
Node 158: 4: Carico mobile centrato	-0.0002	0.0000	-0.0021	0.0035	0.0235	-0.0001
Node 159: 1: G1	-0.0001	0.0000	-0.0025	0.0039	0.0129	-0.0001
Node 159: 2: G2	0.0000	0.0000	-0.0005	0.0009	0.0020	0.0000
Node 159: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0004	0.0000
Node 159: 4: Carico mobile centrato	0.0002	0.0000	-0.0021	0.0035	-0.0245	0.0002
Node 160: 1: G1	0.0001	0.0000	-0.0025	-0.0039	-0.0129	-0.0001
Node 160: 2: G2	0.0000	0.0000	-0.0005	-0.0009	-0.0020	0.0000
Node 160: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0004	0.0000
Node 160: 4: Carico mobile centrato	-0.0002	0.0000	-0.0021	-0.0035	0.0244	0.0003
Node 161: 1: G1	0.0000	0.0000	-0.0023	-0.0035	-0.0040	-0.0001
Node 161: 2: G2	0.0000	0.0000	-0.0005	-0.0008	-0.0006	0.0000
Node 161: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000
Node 161: 4: Carico mobile centrato	0.0002	0.0000	-0.0021	-0.0036	-0.0233	-0.0003
Node 162: 1: G1	0.0000	0.0000	-0.0022	-0.0034	0.0000	0.0000
Node 162: 2: G2	0.0000	0.0000	-0.0005	-0.0008	0.0000	0.0000
Node 162: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0007	0.0000
Node 162: 4: Carico mobile centrato	0.0000	0.0000	-0.0017	-0.0028	0.0000	0.0000
Node 163: 1: G1	0.0000	0.0000	-0.0023	-0.0035	0.0040	0.0001
Node 163: 2: G2	0.0000	0.0000	-0.0005	-0.0008	0.0006	0.0000
Node 163: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000
Node 163: 4: Carico mobile centrato	-0.0002	0.0000	-0.0021	-0.0036	0.0233	0.0003
Node 164: 1: G1	-0.0001	0.0000	-0.0025	-0.0039	0.0129	0.0001
Node 164: 2: G2	0.0000	0.0000	-0.0005	-0.0009	0.0020	0.0000

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Node 164: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0004	0.0000
Node 164: 4: Carico mobile centrato	0.0002	0.0000	-0.0021	-0.0035	-0.0244	-0.0003
Node 165: 1: G1	0.0001	0.0000	-0.0023	-0.0115	-0.0119	-0.0004
Node 165: 2: G2	0.0000	0.0000	-0.0005	-0.0025	-0.0018	-0.0001
Node 165: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0004	0.0000
Node 165: 4: Carico mobile centrato	-0.0002	0.0000	-0.0019	-0.0101	0.0213	0.0007
Node 166: 1: G1	0.0000	0.0000	-0.0021	-0.0103	-0.0036	-0.0002
Node 166: 2: G2	0.0000	0.0000	-0.0005	-0.0023	-0.0005	0.0000
Node 166: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0006	0.0000
Node 166: 4: Carico mobile centrato	0.0002	0.0000	-0.0019	-0.0102	-0.0204	-0.0007
Node 167: 1: G1	0.0000	0.0000	-0.0020	-0.0100	0.0000	0.0000
Node 167: 2: G2	0.0000	0.0000	-0.0005	-0.0023	0.0000	0.0000
Node 167: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0006	0.0000
Node 167: 4: Carico mobile centrato	0.0000	0.0000	-0.0016	-0.0063	0.0000	0.0000
Node 168: 1: G1	0.0000	0.0000	-0.0021	-0.0103	0.0036	0.0002
Node 168: 2: G2	0.0000	0.0000	-0.0005	-0.0023	0.0005	0.0000
Node 168: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0006	0.0000
Node 168: 4: Carico mobile centrato	-0.0002	0.0000	-0.0019	-0.0102	0.0204	0.0007
Node 169: 1: G1	-0.0001	0.0000	-0.0023	-0.0115	0.0119	0.0004
Node 169: 2: G2	0.0000	0.0000	-0.0005	-0.0025	0.0018	0.0001
Node 169: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0004	0.0000
Node 169: 4: Carico mobile centrato	0.0002	0.0000	-0.0019	-0.0101	-0.0213	-0.0007
Node 170: 1: G1	0.0001	0.0000	-0.0019	-0.0184	-0.0099	-0.0007
Node 170: 2: G2	0.0000	0.0000	-0.0004	-0.0040	-0.0015	-0.0001
Node 170: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0003	0.0000
Node 170: 4: Carico mobile centrato	-0.0001	0.0000	-0.0016	-0.0154	0.0162	0.0010
Node 171: 1: G1	0.0000	0.0000	-0.0017	-0.0165	-0.0030	-0.0002
Node 171: 2: G2	0.0000	0.0000	-0.0004	-0.0037	-0.0004	0.0000
Node 171: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0005	0.0000
Node 171: 4: Carico mobile centrato	0.0001	0.0000	-0.0016	-0.0156	-0.0155	-0.0009
Node 172: 1: G1	0.0000	0.0000	-0.0017	-0.0160	0.0000	0.0000
Node 172: 2: G2	0.0000	0.0000	-0.0004	-0.0036	0.0000	0.0000
Node 172: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0005	0.0000
Node 172: 4: Carico mobile centrato	0.0000	0.0000	-0.0013	-0.0130	0.0000	0.0000
Node 173: 1: G1	0.0000	0.0000	-0.0017	-0.0165	0.0030	0.0002
Node 173: 2: G2	0.0000	0.0000	-0.0004	-0.0037	0.0004	0.0000
Node 173: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0005	0.0000
Node 173: 4: Carico mobile centrato	-0.0001	0.0000	-0.0016	-0.0156	0.0155	0.0009
Node 174: 1: G1	-0.0001	0.0000	-0.0019	-0.0184	0.0099	0.0007
Node 174: 2: G2	0.0000	0.0000	-0.0004	-0.0040	0.0015	0.0001
Node 174: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0003	0.0000
Node 174: 4: Carico mobile centrato	0.0001	0.0000	-0.0016	-0.0154	-0.0162	-0.0010
Node 175: 1: G1	0.0001	0.0000	-0.0014	-0.0239	-0.0070	-0.0009
Node 175: 2: G2	0.0000	0.0000	-0.0003	-0.0052	-0.0011	-0.0001
Node 175: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0002	0.0000
Node 175: 4: Carico mobile centrato	-0.0001	0.0000	-0.0011	-0.0191	0.0105	0.0011
Node 176: 1: G1	0.0000	0.0000	-0.0013	-0.0214	-0.0022	-0.0003
Node 176: 2: G2	0.0000	0.0000	-0.0003	-0.0048	-0.0003	0.0000
Node 176: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0003	0.0000
Node 176: 4: Carico mobile centrato	0.0001	0.0000	-0.0011	-0.0193	-0.0100	-0.0010
Node 177: 1: G1	0.0000	0.0000	-0.0012	-0.0209	0.0000	0.0000
Node 177: 2: G2	0.0000	0.0000	-0.0003	-0.0047	0.0000	0.0000
Node 177: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0004	0.0000
Node 177: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	-0.0167	0.0000	0.0000
Node 178: 1: G1	0.0000	0.0000	-0.0013	-0.0214	0.0022	0.0003
Node 178: 2: G2	0.0000	0.0000	-0.0003	-0.0048	0.0003	0.0000
Node 178: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0003	0.0000
Node 178: 4: Carico mobile centrato	-0.0001	0.0000	-0.0011	-0.0193	0.0100	0.0010
Node 179: 1: G1	-0.0001	0.0000	-0.0014	-0.0239	0.0070	0.0009
Node 179: 2: G2	0.0000	0.0000	-0.0003	-0.0052	0.0011	0.0001
Node 179: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0002	0.0000

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Node 179: 4: Carico mobile centrato	0.0001	0.0000	-0.0011	-0.0191	-0.0105	-0.0011
Node 180: 1: G1	0.0000	0.0000	-0.0008	-0.0270	-0.0042	-0.0011
Node 180: 2: G2	0.0000	0.0000	-0.0002	-0.0058	-0.0006	-0.0002
Node 180: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0002	0.0000
Node 180: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	-0.0208	0.0061	0.0013
Node 181: 1: G1	0.0000	0.0000	-0.0008	-0.0242	-0.0013	-0.0003
Node 181: 2: G2	0.0000	0.0000	-0.0002	-0.0054	-0.0002	0.0000
Node 181: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0002	0.0000
Node 181: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	-0.0210	-0.0058	-0.0012
Node 182: 1: G1	0.0000	0.0000	-0.0008	-0.0235	0.0000	0.0000
Node 182: 2: G2	0.0000	0.0000	-0.0002	-0.0053	0.0000	0.0000
Node 182: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0002	0.0001
Node 182: 4: Carico mobile centrato	0.0000	0.0000	-0.0006	-0.0185	0.0000	0.0000
Node 183: 1: G1	0.0000	0.0000	-0.0008	-0.0242	0.0013	0.0003
Node 183: 2: G2	0.0000	0.0000	-0.0002	-0.0054	0.0002	0.0000
Node 183: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0002	0.0000
Node 183: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	-0.0210	0.0058	0.0012
Node 184: 1: G1	0.0000	0.0000	-0.0008	-0.0270	0.0042	0.0011
Node 184: 2: G2	0.0000	0.0000	-0.0002	-0.0058	0.0006	0.0002
Node 184: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0002	0.0000
Node 184: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	-0.0208	-0.0061	-0.0013
Node 185: 1: G1	0.0000	0.0000	-0.0003	-0.0284	-0.0009	-0.0011
Node 185: 2: G2	0.0000	0.0000	-0.0001	-0.0061	-0.0001	-0.0002
Node 185: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0000	0.0000
Node 185: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0215	0.0016	0.0013
Node 186: 1: G1	0.0000	0.0000	-0.0002	-0.0255	-0.0004	-0.0004
Node 186: 2: G2	0.0000	0.0000	-0.0001	-0.0057	-0.0001	-0.0001
Node 186: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0001	0.0001
Node 186: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0217	-0.0017	-0.0013
Node 187: 1: G1	0.0000	0.0000	-0.0002	-0.0248	0.0000	0.0000
Node 187: 2: G2	0.0000	0.0000	-0.0001	-0.0056	0.0000	0.0000
Node 187: 3: Vento Q5	0.0000	0.0000	0.0000	0.0000	0.0001	0.0001
Node 187: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0194	0.0000	0.0000
Node 188: 1: G1	0.0000	0.0000	-0.0002	-0.0255	0.0004	0.0004
Node 188: 2: G2	0.0000	0.0000	-0.0001	-0.0057	0.0001	0.0001
Node 188: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0001	0.0001
Node 188: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0217	0.0017	0.0013
Node 189: 1: G1	0.0000	0.0000	-0.0003	-0.0284	0.0009	0.0011
Node 189: 2: G2	0.0000	0.0000	-0.0001	-0.0061	0.0001	0.0002
Node 189: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0000	0.0000
Node 189: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0215	-0.0016	-0.0013
Node 190: 1: G1	0.0000	0.0000	0.0000	0.0308	0.0020	-0.0014
Node 190: 2: G2	0.0000	0.0000	0.0000	0.0065	0.0003	-0.0002
Node 190: 3: Vento Q5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
Node 190: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0190	-0.0011	0.0008
Node 191: 1: G1	-0.0002	-0.0001	-0.0012	0.0306	0.0280	-0.0014
Node 191: 2: G2	0.0000	0.0000	-0.0002	0.0065	0.0049	-0.0002
Node 191: 3: Vento Q5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
Node 191: 4: Carico mobile centrato	0.0000	0.0000	-0.0001	0.0189	-0.0016	0.0008
Node 192: 1: G1	-0.0002	0.0000	-0.0013	0.0291	0.0296	-0.0013
Node 192: 2: G2	0.0000	0.0000	-0.0003	0.0062	0.0052	-0.0002
Node 192: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 192: 4: Carico mobile centrato	0.0000	0.0000	-0.0005	0.0181	-0.0032	0.0008
Node 193: 1: G1	-0.0002	-0.0001	-0.0019	0.0291	0.0304	-0.0013
Node 193: 2: G2	0.0000	0.0000	-0.0004	0.0062	0.0053	-0.0002
Node 193: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 193: 4: Carico mobile centrato	0.0000	0.0000	-0.0005	0.0181	-0.0032	0.0008
Node 194: 1: G1	-0.0003	0.0000	-0.0019	0.0258	0.0323	-0.0011
Node 194: 2: G2	0.0000	0.0000	-0.0004	0.0055	0.0056	-0.0002
Node 194: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 194: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	0.0163	-0.0051	0.0008

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Node 195: 1: G1	-0.0003	0.0000	-0.0026	0.0258	0.0330	-0.0011
Node 195: 2: G2	0.0000	0.0000	-0.0005	0.0055	0.0057	-0.0002
Node 195: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 195: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	0.0163	-0.0051	0.0008
Node 196: 1: G1	-0.0003	0.0000	-0.0025	0.0198	0.0351	-0.0008
Node 196: 2: G2	0.0000	0.0000	-0.0005	0.0042	0.0061	-0.0001
Node 196: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0001	0.0000
Node 196: 4: Carico mobile centrato	0.0001	0.0000	-0.0012	0.0128	-0.0074	0.0007
Node 197: 1: G1	-0.0003	0.0000	-0.0033	0.0198	0.0359	-0.0008
Node 197: 2: G2	-0.0001	0.0000	-0.0007	0.0042	0.0062	-0.0001
Node 197: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0001	0.0000
Node 197: 4: Carico mobile centrato	0.0001	0.0000	-0.0010	0.0128	-0.0074	0.0007
Node 198: 1: G1	-0.0003	0.0000	-0.0030	0.0124	0.0370	-0.0005
Node 198: 2: G2	-0.0001	0.0000	-0.0006	0.0026	0.0064	-0.0001
Node 198: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0001	0.0000
Node 198: 4: Carico mobile centrato	0.0001	0.0000	-0.0014	0.0082	-0.0092	0.0005
Node 199: 1: G1	-0.0003	0.0000	-0.0038	0.0124	0.0378	-0.0005
Node 199: 2: G2	-0.0001	0.0000	-0.0008	0.0026	0.0065	-0.0001
Node 199: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0001	0.0000
Node 199: 4: Carico mobile centrato	0.0001	0.0000	-0.0012	0.0082	-0.0092	0.0005
Node 200: 1: G1	-0.0003	0.0000	-0.0032	0.0042	0.0380	-0.0002
Node 200: 2: G2	-0.0001	0.0000	-0.0007	0.0009	0.0065	0.0000
Node 200: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0002	0.0000
Node 200: 4: Carico mobile centrato	0.0001	0.0000	-0.0016	0.0028	-0.0101	0.0002
Node 201: 1: G1	-0.0003	0.0000	-0.0041	0.0042	0.0387	-0.0002
Node 201: 2: G2	-0.0001	0.0000	-0.0008	0.0009	0.0066	0.0000
Node 201: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0002	0.0000
Node 201: 4: Carico mobile centrato	0.0001	0.0000	-0.0013	0.0028	-0.0101	0.0002
Node 202: 1: G1	-0.0003	0.0000	-0.0032	-0.0042	0.0380	0.0002
Node 202: 2: G2	-0.0001	0.0000	-0.0007	-0.0009	0.0065	0.0000
Node 202: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0002	0.0000
Node 202: 4: Carico mobile centrato	0.0001	0.0000	-0.0016	-0.0028	-0.0102	-0.0002
Node 203: 1: G1	-0.0003	0.0000	-0.0041	-0.0042	0.0387	0.0002
Node 203: 2: G2	-0.0001	0.0000	-0.0008	-0.0009	0.0066	0.0000
Node 203: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0002	0.0000
Node 203: 4: Carico mobile centrato	0.0001	0.0000	-0.0013	-0.0028	-0.0102	-0.0002
Node 204: 1: G1	-0.0003	0.0000	-0.0030	-0.0124	0.0370	0.0005
Node 204: 2: G2	-0.0001	0.0000	-0.0006	-0.0026	0.0064	0.0001
Node 204: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0001	0.0000
Node 204: 4: Carico mobile centrato	0.0001	0.0000	-0.0014	-0.0081	-0.0093	-0.0005
Node 205: 1: G1	-0.0003	0.0000	-0.0038	-0.0124	0.0378	0.0005
Node 205: 2: G2	-0.0001	0.0000	-0.0008	-0.0026	0.0065	0.0001
Node 205: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0001	0.0000
Node 205: 4: Carico mobile centrato	0.0001	0.0000	-0.0012	-0.0081	-0.0093	-0.0005
Node 206: 1: G1	-0.0003	0.0000	-0.0025	-0.0198	0.0351	0.0008
Node 206: 2: G2	0.0000	0.0000	-0.0005	-0.0042	0.0061	0.0001
Node 206: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0001	0.0000
Node 206: 4: Carico mobile centrato	0.0001	0.0000	-0.0012	-0.0128	-0.0076	-0.0007
Node 207: 1: G1	-0.0003	0.0000	-0.0033	-0.0198	0.0359	0.0008
Node 207: 2: G2	-0.0001	0.0000	-0.0007	-0.0042	0.0062	0.0001
Node 207: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0001	0.0000
Node 207: 4: Carico mobile centrato	0.0001	0.0000	-0.0010	-0.0128	-0.0076	-0.0007
Node 208: 1: G1	-0.0003	0.0000	-0.0019	-0.0258	0.0323	0.0011
Node 208: 2: G2	0.0000	0.0000	-0.0004	-0.0055	0.0056	0.0002
Node 208: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 208: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	-0.0163	-0.0053	-0.0008
Node 209: 1: G1	-0.0003	0.0000	-0.0026	-0.0258	0.0331	0.0011
Node 209: 2: G2	0.0000	0.0000	-0.0005	-0.0055	0.0057	0.0002
Node 209: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 209: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	-0.0163	-0.0053	-0.0008
Node 210: 1: G1	-0.0002	0.0000	-0.0013	-0.0291	0.0296	0.0013

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Node 210: 2: G2	0.0000	0.0000	-0.0003	-0.0062	0.0052	0.0002
Node 210: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 210: 4: Carico mobile centrato	0.0000	0.0000	-0.0005	-0.0181	-0.0034	-0.0009
Node 211: 1: G1	-0.0002	0.0000	-0.0019	-0.0291	0.0304	0.0013
Node 211: 2: G2	0.0000	0.0000	-0.0004	-0.0062	0.0053	0.0002
Node 211: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 211: 4: Carico mobile centrato	0.0000	0.0000	-0.0004	-0.0181	-0.0034	-0.0009
Node 212: 1: G1	-0.0002	0.0000	-0.0006	-0.0306	0.0273	0.0014
Node 212: 2: G2	0.0000	0.0000	-0.0001	-0.0065	0.0048	0.0002
Node 212: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0005	0.0000	0.0000
Node 212: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0190	-0.0017	-0.0010
Node 213: 1: G1	-0.0002	0.0001	-0.0012	-0.0306	0.0280	0.0014
Node 213: 2: G2	0.0000	0.0000	-0.0002	-0.0065	0.0049	0.0002
Node 213: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0005	0.0000	0.0000
Node 213: 4: Carico mobile centrato	0.0000	0.0000	-0.0001	-0.0190	-0.0017	-0.0010
Node 214: 1: G1	0.0000	0.0000	0.0000	0.0308	-0.0020	0.0014
Node 214: 2: G2	0.0000	0.0000	0.0000	0.0065	-0.0003	0.0002
Node 214: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0005	0.0000	0.0000
Node 214: 4: Carico mobile centrato	0.0000	0.0000	0.0000	0.0190	0.0011	-0.0008
Node 215: 1: G1	0.0002	-0.0001	-0.0019	0.0291	-0.0304	0.0013
Node 215: 2: G2	0.0000	0.0000	-0.0004	0.0062	-0.0053	0.0002
Node 215: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 215: 4: Carico mobile centrato	0.0000	0.0000	-0.0005	0.0181	0.0032	-0.0008
Node 216: 1: G1	0.0002	0.0000	-0.0013	0.0291	-0.0296	0.0013
Node 216: 2: G2	0.0000	0.0000	-0.0003	0.0062	-0.0052	0.0002
Node 216: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 216: 4: Carico mobile centrato	0.0000	0.0000	-0.0005	0.0181	0.0032	-0.0008
Node 217: 1: G1	0.0003	0.0000	-0.0026	0.0258	-0.0330	0.0011
Node 217: 2: G2	0.0000	0.0000	-0.0005	0.0055	-0.0057	0.0002
Node 217: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 217: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	0.0163	0.0051	-0.0008
Node 218: 1: G1	0.0003	0.0000	-0.0019	0.0258	-0.0323	0.0011
Node 218: 2: G2	0.0000	0.0000	-0.0004	0.0055	-0.0056	0.0002
Node 218: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0004	0.0001	0.0000
Node 218: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	0.0163	0.0051	-0.0008
Node 219: 1: G1	0.0003	0.0000	-0.0033	0.0198	-0.0359	0.0008
Node 219: 2: G2	0.0001	0.0000	-0.0007	0.0042	-0.0062	0.0001
Node 219: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0001	0.0000
Node 219: 4: Carico mobile centrato	-0.0001	0.0000	-0.0010	0.0128	0.0074	-0.0007
Node 220: 1: G1	0.0003	0.0000	-0.0025	0.0198	-0.0351	0.0008
Node 220: 2: G2	0.0000	0.0000	-0.0005	0.0042	-0.0061	0.0001
Node 220: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0003	0.0001	0.0000
Node 220: 4: Carico mobile centrato	-0.0001	0.0000	-0.0012	0.0128	0.0074	-0.0007
Node 221: 1: G1	0.0003	0.0000	-0.0038	0.0124	-0.0378	0.0005
Node 221: 2: G2	0.0001	0.0000	-0.0008	0.0026	-0.0065	0.0001
Node 221: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0001	0.0000
Node 221: 4: Carico mobile centrato	-0.0001	0.0000	-0.0012	0.0082	0.0092	-0.0005
Node 222: 1: G1	0.0003	0.0000	-0.0030	0.0124	-0.0370	0.0005
Node 222: 2: G2	0.0001	0.0000	-0.0006	0.0026	-0.0064	0.0001
Node 222: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0002	0.0001	0.0000
Node 222: 4: Carico mobile centrato	-0.0001	0.0000	-0.0014	0.0082	0.0092	-0.0005
Node 223: 1: G1	0.0003	0.0000	-0.0041	0.0042	-0.0387	0.0002
Node 223: 2: G2	0.0001	0.0000	-0.0008	0.0009	-0.0066	0.0000
Node 223: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0002	0.0000
Node 223: 4: Carico mobile centrato	-0.0001	0.0000	-0.0013	0.0028	0.0101	-0.0002
Node 224: 1: G1	0.0003	0.0000	-0.0032	0.0042	-0.0380	0.0002
Node 224: 2: G2	0.0001	0.0000	-0.0007	0.0009	-0.0065	0.0000
Node 224: 3: Vento Q5	0.0000	0.0000	0.0000	-0.0001	0.0002	0.0000
Node 224: 4: Carico mobile centrato	-0.0001	0.0000	-0.0016	0.0028	0.0101	-0.0002
Node 225: 1: G1	0.0003	0.0000	-0.0041	-0.0042	-0.0387	-0.0002
Node 225: 2: G2	0.0001	0.0000	-0.0008	-0.0009	-0.0066	0.0000

Node 225: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0002	0.0000
Node 225: 4: Carico mobile centrato	-0.0001	0.0000	-0.0013	-0.0028	0.0102	0.0002
Node 226: 1: G1	0.0003	0.0000	-0.0032	-0.0042	-0.0380	-0.0002
Node 226: 2: G2	0.0001	0.0000	-0.0007	-0.0009	-0.0065	0.0000
Node 226: 3: Vento Q5	0.0000	0.0000	0.0000	0.0001	0.0002	0.0000
Node 226: 4: Carico mobile centrato	-0.0001	0.0000	-0.0016	-0.0028	0.0102	0.0002
Node 227: 1: G1	0.0003	0.0000	-0.0038	-0.0124	-0.0378	-0.0005
Node 227: 2: G2	0.0001	0.0000	-0.0008	-0.0026	-0.0065	-0.0001
Node 227: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0001	0.0000
Node 227: 4: Carico mobile centrato	-0.0001	0.0000	-0.0012	-0.0081	0.0093	0.0005
Node 228: 1: G1	0.0003	0.0000	-0.0030	-0.0124	-0.0370	-0.0005
Node 228: 2: G2	0.0001	0.0000	-0.0006	-0.0026	-0.0064	-0.0001
Node 228: 3: Vento Q5	0.0000	0.0000	0.0000	0.0002	0.0001	0.0000
Node 228: 4: Carico mobile centrato	-0.0001	0.0000	-0.0014	-0.0081	0.0093	0.0005
Node 229: 1: G1	0.0003	0.0000	-0.0033	-0.0198	-0.0359	-0.0008
Node 229: 2: G2	0.0001	0.0000	-0.0007	-0.0042	-0.0062	-0.0001
Node 229: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0001	0.0000
Node 229: 4: Carico mobile centrato	-0.0001	0.0000	-0.0010	-0.0128	0.0076	0.0007
Node 230: 1: G1	0.0003	0.0000	-0.0025	-0.0198	-0.0351	-0.0008
Node 230: 2: G2	0.0000	0.0000	-0.0005	-0.0042	-0.0061	-0.0001
Node 230: 3: Vento Q5	0.0000	0.0000	0.0000	0.0003	0.0001	0.0000
Node 230: 4: Carico mobile centrato	-0.0001	0.0000	-0.0012	-0.0128	0.0076	0.0007
Node 231: 1: G1	0.0003	0.0000	-0.0026	-0.0258	-0.0331	-0.0011
Node 231: 2: G2	0.0000	0.0000	-0.0005	-0.0055	-0.0057	-0.0002
Node 231: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 231: 4: Carico mobile centrato	0.0000	0.0000	-0.0007	-0.0163	0.0053	0.0008
Node 232: 1: G1	0.0003	0.0000	-0.0019	-0.0258	-0.0323	-0.0011
Node 232: 2: G2	0.0000	0.0000	-0.0004	-0.0055	-0.0056	-0.0002
Node 232: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 232: 4: Carico mobile centrato	0.0000	0.0000	-0.0009	-0.0163	0.0053	0.0008
Node 233: 1: G1	0.0002	0.0000	-0.0019	-0.0291	-0.0304	-0.0013
Node 233: 2: G2	0.0000	0.0000	-0.0004	-0.0062	-0.0053	-0.0002
Node 233: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 233: 4: Carico mobile centrato	0.0000	0.0000	-0.0004	-0.0181	0.0034	0.0009
Node 234: 1: G1	0.0002	0.0000	-0.0013	-0.0291	-0.0296	-0.0013
Node 234: 2: G2	0.0000	0.0000	-0.0003	-0.0062	-0.0052	-0.0002
Node 234: 3: Vento Q5	0.0000	0.0000	0.0000	0.0004	0.0001	0.0000
Node 234: 4: Carico mobile centrato	0.0000	0.0000	-0.0005	-0.0181	0.0034	0.0009
Node 235: 1: G1	0.0002	0.0001	-0.0012	-0.0306	-0.0280	-0.0014
Node 235: 2: G2	0.0000	0.0000	-0.0002	-0.0065	-0.0049	-0.0002
Node 235: 3: Vento Q5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
Node 235: 4: Carico mobile centrato	0.0000	0.0000	-0.0001	-0.0190	0.0017	0.0010
Node 236: 1: G1	0.0002	0.0000	-0.0006	-0.0306	-0.0273	-0.0014
Node 236: 2: G2	0.0000	0.0000	-0.0001	-0.0065	-0.0048	-0.0002
Node 236: 3: Vento Q5	0.0000	0.0000	0.0000	0.0005	0.0000	0.0000
Node 236: 4: Carico mobile centrato	0.0000	0.0000	-0.0002	-0.0190	0.0017	0.0010

Beam Force/moment

Shear Force 1 Bending Moment 1 Shear Force 2 Bending Moment 2 Axial Force Torque

(kN) (kN.m) (kN) (kN.m) (kN) (kN.m)

Beam 1: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 1: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 1: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 1: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 1: End 2: 1: G1 0.0000 0.0000 -9.7569 -1.0977 0.0000 0.0000

Beam 1: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 1: End 2: 3: Vento Q5 0.0000 0.0000 0.1757 0.0198 0.0000 0.0000

Beam 1: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 2: End 1: 1: G1 -75.2200 19.8503 332.8252 -16.3827 -17.4244 155.6400

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Beam 2: End 1: 2: G2 -12.4569 3.0926 64.4990 -2.3465 -2.6891 25.2994

Beam 2: End 1: 3: Vento Q5 -0.0620 -0.5205 -4.9434 0.5044 0.5387 -1.7312

Beam 2: End 1: 4: Carico mobile centrato 40.8243 -22.9123 122.1304 18.2035 21.1984 -84.3320

Beam 2: End 2: 1: G1 -75.2200 -21.5206 308.9749 160.1124 -17.4244 155.6400

Beam 2: End 2: 2: G2 -12.4569 -3.7587 64.4990 33.1279 -2.6891 25.2994

Beam 2: End 2: 3: Vento Q5 -0.0620 -0.5546 -4.5139 -2.0964 0.5387 -1.7312

Beam 2: End 2: 4: Carico mobile centrato 40.8243 -0.4590 122.1304 85.3752 21.1984 -84.3320

Beam 3: End 1: 1: G1 -15.3899 -11.2656 285.9077 149.0833 -2.7922 155.1533

Beam 3: End 1: 2: G2 -2.6614 -1.6768 51.8079 31.5290 -0.6213 25.1131

Beam 3: End 1: 3: Vento Q5 -0.0261 0.2108 -4.5310 -1.7200 0.0243 -1.6898

Beam 3: End 1: 4: Carico mobile centrato 5.4037 -2.7674 120.2608 98.4049 4.0492 -101.8379

Beam 3: End 2: 1: G1 -15.3899 -30.1182 232.7866 466.7836 -2.7922 155.1533

Beam 3: End 2: 2: G2 -2.6614 -4.9370 51.8079 94.9937 -0.6213 25.1131

Beam 3: End 2: 3: Vento Q5 -0.0261 0.1788 -3.5743 -6.6844 0.0243 -1.6898

Beam 3: End 2: 4: Carico mobile centrato 5.4037 3.8521 120.2608 245.7244 4.0492 -101.8379

Beam 4: End 1: 1: G1 -7.3288 -28.6920 221.3905 463.6291 -0.0984 139.3172

Beam 4: End 1: 2: G2 -1.3394 -4.6235 44.7323 94.5302 -0.2447 22.4949

Beam 4: End 1: 3: Vento Q5 -0.0559 0.3075 -3.6654 -6.5892 -0.0519 -1.6040

Beam 4: End 1: 4: Carico mobile centrato 0.5554 4.8282 114.6842 250.4513 -0.6158 -99.7099

Beam 4: End 2: 1: G1 -7.3288 -31.9900 206.3356 559.8675 -0.0984 139.3172

Beam 4: End 2: 2: G2 -1.3394 -5.2262 44.7323 114.6597 -0.2447 22.4949

Beam 4: End 2: 3: Vento Q5 -0.0559 0.2824 -3.3139 -8.1596 -0.0519 -1.6040

Beam 4: End 2: 4: Carico mobile centrato 0.5554 5.0781 114.6842 302.0593 -0.6158 -99.7099

Beam 5: End 1: 1: G1 -7.3288 -31.9900 206.3356 559.8616 -0.0984 139.7518

Beam 5: End 1: 2: G2 -1.3394 -5.2262 44.7323 114.6452 -0.2447 22.5743

Beam 5: End 1: 3: Vento Q5 -0.0559 0.2824 -3.3139 -8.1627 -0.0519 -1.6007

Beam 5: End 1: 4: Carico mobile centrato 0.5554 5.0781 114.6842 302.0227 -0.6158 -99.7428

Beam 5: End 2: 1: G1 -7.3288 -37.4866 187.8935 707.6976 -0.0984 139.7518

Beam 5: End 2: 2: G2 -1.3394 -6.2308 44.7323 148.1944 -0.2447 22.5743

Beam 5: End 2: 3: Vento Q5 -0.0559 0.2405 -2.7282 -10.4284 -0.0519 -1.6007

Beam 5: End 2: 4: Carico mobile centrato 0.5554 5.4947 114.6842 388.0359 -0.6158 -99.7428

Beam 6: End 1: 1: G1 -3.5451 -32.1195 170.8897 700.8868 8.5213 107.0451

Beam 6: End 1: 2: G2 -0.6861 -5.1073 33.2224 147.1930 0.9844 17.2394

Beam 6: End 1: 3: Vento Q5 -0.0571 0.6184 -2.9721 -10.2715 -0.1997 -1.3255

Beam 6: End 1: 4: Carico mobile centrato -2.9827 14.3960 98.3183 403.8828 -25.5455 -87.4711

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Beam 6: End 2: 1: G1 -3.5451 -37.4372 134.0056 929.5583 8.5213 107.0451

Beam 6: End 2: 2: G2 -0.6861 -6.1366 33.2224 197.0266 0.9844 17.2394

Beam 6: End 2: 3: Vento Q5 -0.0571 0.5327 -1.8006 -13.8510 -0.1997 -1.3255

Beam 6: End 2: 4: Carico mobile centrato -2.9827 9.9220 98.3183 551.3602 -25.5455 -87.4711

Beam 7: End 1: 1: G1 -1.9485 -34.4328 118.8191 924.4530 14.9199 72.3627

Beam 7: End 1: 2: G2 -0.3788 -5.4937 21.9710 196.2607 1.9281 11.6302

Beam 7: End 1: 3: Vento Q5 -0.0394 0.7803 -2.1289 -13.7524 -0.2665 -0.9411

Beam 7: End 1: 4: Carico mobile centrato -4.5577 27.7617 73.1404 570.1315 -57.2325 -66.5601

Beam 7: End 2: 1: G1 -1.9485 -37.3556 81.9350 1075.0185 14.9199 72.3627

Beam 7: End 2: 2: G2 -0.3788 -6.0618 21.9710 229.2171 1.9281 11.6302

Beam 7: End 2: 3: Vento Q5 -0.0394 0.7212 -0.9574 -16.0671 -0.2665 -0.9411

Beam 7: End 2: 4: Carico mobile centrato -4.5577 20.9252 73.1404 679.8421 -57.2325 -66.5601

Beam 8: End 1: 1: G1 -1.1753 -35.5685 68.0676 1071.9716 18.6296 36.5352

Beam 8: End 1: 2: G2 -0.2041 -5.7024 10.9100 228.7492 2.4970 5.8630

Beam 8: End 1: 3: Vento Q5 -0.0226 0.8672 -1.3448 -16.0100 -0.2985 -0.4869

Beam 8: End 1: 4: Carico mobile centrato -1.9994 37.1591 40.1765 694.8357 -83.1655 -36.7551

Beam 8: End 2: 1: G1 -1.1753 -37.3315 31.1834 1146.4098 18.6296 36.5352

Beam 8: End 2: 2: G2 -0.2041 -6.0085 10.9100 245.1142 2.4970 5.8630

Beam 8: End 2: 3: Vento Q5 -0.0226 0.8332 -0.1733 -17.1486 -0.2985 -0.4869

Beam 8: End 2: 4: Carico mobile centrato -1.9994 34.1600 40.1765 755.1004 -83.1655 -36.7551

Beam 9: End 1: 1: G1 -0.8469 -36.0130 17.9946 1145.7327 19.1351 0.0954

Beam 9: End 1: 2: G2 -0.1000 -5.8073 -0.0520 244.9964 2.6033 0.0101

Beam 9: End 1: 3: Vento Q5 -0.0075 0.8877 -0.5914 -17.1269 -0.3140 0.0030

Beam 9: End 1: 4: Carico mobile centrato 4.0700 36.4961 2.8576 758.8605 -89.1542 -1.4076

Beam 9: End 2: 1: G1 -0.8469 -36.6482 -0.4475 1152.3128 19.1351 0.0954

Beam 9: End 2: 2: G2 -0.1000 -5.8823 -0.0520 244.9574 2.6033 0.0101

Beam 9: End 2: 3: Vento Q5 -0.0075 0.8820 -0.0056 -17.3507 -0.3140 0.0030

Beam 9: End 2: 4: Carico mobile centrato 4.0700 39.5486 2.8576 761.0037 -89.1542 -1.4076

Beam 10: End 1: 1: G1 -0.8469 -36.6482 -0.4475 1152.3128 19.1351 0.0954

Beam 10: End 1: 2: G2 -0.1000 -5.8823 -0.0520 244.9574 2.6033 0.0101

Beam 10: End 1: 3: Vento Q5 -0.0075 0.8820 -0.0056 -17.3507 -0.3140 0.0030

Beam 10: End 1: 4: Carico mobile centrato 4.0700 39.5486 2.8576 761.0037 -89.1542 -1.4076

Beam 10: End 2: 1: G1 -0.8469 -37.2834 -18.8895 1145.0615 19.1351 0.0954

Beam 10: End 2: 2: G2 -0.1000 -5.9574 -0.0520 244.9184 2.6033 0.0101

Beam 10: End 2: 3: Vento Q5 -0.0075 0.8764 0.5801 -17.1353 -0.3140 0.0030

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam 10: End 2: 4: Carico mobile centrato 4.0700 42.6011 2.8576 763.1468 -89.1542 -1.4076

Beam 11: End 1: 1: G1 -0.5913 -36.1350 -32.0948 1146.8865 16.1985 -36.3626

Beam 11: End 1: 2: G2 -0.0037 -5.8680 -11.0156 245.1714 2.2101 -5.8449

Beam 11: End 1: 3: Vento Q5 0.0054 0.8437 0.1614 -17.1468 -0.3196 0.4925

Beam 11: End 1: 4: Carico mobile centrato 11.1509 27.7681 -34.1240 753.6165 -71.2850 34.0578

Beam 11: End 2: 1: G1 -0.5913 -37.0220 -68.9789 1071.0812 16.1985 -36.3626

Beam 11: End 2: 2: G2 -0.0037 -5.8736 -11.0156 228.6481 2.2101 -5.8449

Beam 11: End 2: 3: Vento Q5 0.0054 0.8519 1.3329 -16.0260 -0.3196 0.4925

Beam 11: End 2: 4: Carico mobile centrato 11.1509 44.4944 -34.1240 702.4305 -71.2850 34.0578

Beam 12: End 1: 1: G1 -0.0273 -36.1555 -82.8915 1075.3613 9.8723 -72.2443

Beam 12: End 1: 2: G2 0.1488 -5.9222 -22.0810 229.2605 1.3343 -11.6182

Beam 12: End 1: 3: Vento Q5 0.0154 0.7329 0.9437 -16.0705 -0.3140 0.9455

Beam 12: End 1: 4: Carico mobile centrato 16.8502 13.4193 -66.1566 680.5915 -31.0746 64.3484

Beam 12: End 2: 1: G1 -0.0273 -36.1965 -119.7757 923.3609 9.8723 -72.2443

Beam 12: End 2: 2: G2 0.1488 -5.6990 -22.0810 196.1390 1.3343 -11.6182

Beam 12: End 2: 3: Vento Q5 0.0154 0.7561 2.1152 -13.7763 -0.3140 0.9455

Beam 12: End 2: 4: Carico mobile centrato 16.8502 38.6947 -66.1566 581.3566 -31.0746 64.3484

Beam 13: End 1: 1: G1 1.2486 -36.1529 -135.0242 929.8809 0.4645 -107.0170

Beam 13: End 1: 2: G2 0.4230 -5.9885 -33.3386 197.0690 0.0417 -17.2372

Beam 13: End 1: 3: Vento Q5 0.0223 0.5468 1.7844 -13.8568 -0.2854 1.3273

Beam 13: End 1: 4: Carico mobile centrato 20.6484 0.8055 -90.0512 553.2846 20.3280 86.4091

Beam 13: End 2: 1: G1 1.2486 -34.2800 -171.9083 699.6815 0.4645 -107.0170

Beam 13: End 2: 2: G2 0.4230 -5.3540 -33.3386 147.0611 0.0417 -17.2372

Beam 13: End 2: 3: Vento Q5 0.0223 0.5803 2.9559 -10.3015 -0.2854 1.3273

Beam 13: End 2: 4: Carico mobile centrato 20.6484 31.7782 -90.0512 418.2078 20.3280 86.4091

Beam 14: End 1: 1: G1 4.6435 -35.8778 -188.9732 708.2442 -11.8898 -139.8472

Beam 14: End 1: 2: G2 1.0367 -6.0469 -44.8545 148.2623 -1.6134 -22.5850

Beam 14: End 1: 3: Vento Q5 0.0074 0.2620 2.7096 -10.4303 -0.1979 1.5986

Beam 14: End 1: 4: Carico mobile centrato 24.1789 -7.2291 -105.1695 388.1851 75.6348 100.6460

Beam 14: End 2: 1: G1 4.6435 -32.3952 -207.4152 559.5985 -11.8898 -139.8472

Beam 14: End 2: 2: G2 1.0367 -5.2693 -44.8545 114.6215 -1.6134 -22.5850

Beam 14: End 2: 3: Vento Q5 0.0074 0.2676 3.2954 -8.1784 -0.1979 1.5986

Beam 14: End 2: 4: Carico mobile centrato 24.1789 10.9051 -105.1695 309.3080 75.6348 100.6460

Beam 15: End 1: 1: G1 4.6435 -32.3952 -207.4152 560.3036 -11.8898 -139.5718

Beam 15: End 1: 2: G2 1.0367 -5.2693 -44.8545 114.7171 -1.6134 -22.5236

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 15: End 1: 3: Vento Q5 0.0074 0.2676 3.2954 -8.1667 -0.1979 1.5991

Beam 15: End 1: 4: Carico mobile centrato 24.1789 10.9051 -105.1695 304.8228 75.6348 102.0798

Beam 15: End 2: 1: G1 4.6435 -30.3057 -222.4701 463.5794 -11.8898 -139.5718

Beam 15: End 2: 2: G2 1.0367 -4.8028 -44.8545 94.5326 -1.6134 -22.5236

Beam 15: End 2: 3: Vento Q5 0.0074 0.2709 3.6468 -6.6047 -0.1979 1.5991

Beam 15: End 2: 4: Carico mobile centrato 24.1789 21.7856 -105.1695 257.4966 75.6348 102.0798

Beam 16: End 1: 1: G1 12.5402 -30.5704 -233.8926 467.2832 -15.7528 -155.4548

Beam 16: End 1: 2: G2 2.3450 -4.9853 -51.9328 95.0580 -2.1219 -25.1449

Beam 16: End 1: 3: Vento Q5 -0.0327 0.1635 3.5547 -6.6895 -0.1432 1.6808

Beam 16: End 1: 4: Carico mobile centrato 24.8198 10.2119 -110.2030 247.6633 90.9677 106.3564

Beam 16: End 2: 1: G1 12.5402 -15.2086 -287.0137 148.2281 -15.7528 -155.4548

Beam 16: End 2: 2: G2 2.3450 -2.1127 -51.9328 31.4404 -2.1219 -25.1449

Beam 16: End 2: 3: Vento Q5 -0.0327 0.1234 4.5114 -1.7491 -0.1432 1.6808

Beam 16: End 2: 4: Carico mobile centrato 24.8198 40.6162 -110.2030 112.6646 90.9677 106.3564

Beam 17: End 1: 1: G1 72.3141 -20.4755 -310.0993 161.8443 -35.3308 -155.9537

Beam 17: End 1: 2: G2 12.1384 -3.6429 -64.6257 33.3228 -4.7313 -25.3308

Beam 17: End 1: 3: Vento Q5 -0.0055 -0.5321 4.4935 -2.0650 0.2551 1.7185

Beam 17: End 1: 4: Carico mobile centrato -6.5799 -11.7250 -111.7082 69.1406 166.7731 90.5366

Beam 17: End 2: 1: G1 72.3141 19.2973 -333.9496 -15.2691 -35.3308 -155.9537

Beam 17: End 2: 2: G2 12.1384 3.0333 -64.6257 -2.2213 -4.7313 -25.3308

Beam 17: End 2: 3: Vento Q5 -0.0055 -0.5352 4.9231 0.5245 0.2551 1.7185

Beam 17: End 2: 4: Carico mobile centrato -6.5799 -15.3439 -111.7082 7.7010 166.7731 90.5366

Beam 18: End 1: 1: G1 0.0000 0.0000 9.7569 -1.0977 0.0000 0.0000

Beam 18: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 18: End 1: 3: Vento Q5 0.0000 0.0000 -0.1757 0.0198 0.0000 0.0000

Beam 18: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 18: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 18: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 18: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 18: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 19: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 19: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 19: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 19: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 19: End 2: 1: G1 0.0000 0.0000 -9.7569 -1.0977 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 19: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 19: End 2: 3: Vento Q5 0.0000 0.0000 0.1055 0.0119 0.0000 0.0000

Beam 19: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 20: End 1: 1: G1 52.1229 19.5787 253.6594 9.7561 13.1471 72.2925

Beam 20: End 1: 2: G2 8.5739 2.9336 52.5395 1.7104 2.0823 11.0390

Beam 20: End 1: 3: Vento Q5 0.0027 -1.2964 -3.2438 0.2163 0.2129 -3.4700

Beam 20: End 1: 4: Carico mobile centrato -19.8835 -0.7026 151.5393 -35.0643 -41.0475 -10.6534

Beam 20: End 2: 1: G1 52.1229 48.2463 229.8091 142.7099 13.1471 72.2925

Beam 20: End 2: 2: G2 8.5739 7.6492 52.5395 30.6071 2.0823 11.0390

Beam 20: End 2: 3: Vento Q5 0.0027 -1.2950 -2.9858 -1.4969 0.2129 -3.4700

Beam 20: End 2: 4: Carico mobile centrato -19.8835 -11.6385 151.5393 48.2823 -41.0475 -10.6534

Beam 21: End 1: 1: G1 4.6446 4.1148 231.4600 147.6362 8.2468 48.1103

Beam 21: End 1: 2: G2 0.7141 0.7486 43.5217 31.3178 1.4344 7.0483

Beam 21: End 1: 3: Vento Q5 0.0918 0.0107 -3.0053 -1.2546 -0.1624 -3.3706

Beam 21: End 1: 4: Carico mobile centrato -0.6263 -3.4945 156.1966 23.2905 -8.2048 -1.1147

Beam 21: End 2: 1: G1 4.6446 9.8044 178.3389 398.6380 8.2468 48.1103

Beam 21: End 2: 2: G2 0.7141 1.6234 43.5217 84.6319 1.4344 7.0483

Beam 21: End 2: 3: Vento Q5 0.0918 0.1231 -2.4308 -4.5842 -0.1624 -3.3706

Beam 21: End 2: 4: Carico mobile centrato -0.6263 -4.2618 156.1966 214.6313 -8.2048 -1.1147

Beam 22: End 1: 1: G1 2.2938 3.0053 177.8849 400.6123 6.7534 44.4054

Beam 22: End 1: 2: G2 0.3413 0.5725 38.0748 84.9303 1.2214 6.4981

Beam 22: End 1: 3: Vento Q5 0.1072 0.3068 -2.4722 -4.5296 -0.2198 -3.1427

Beam 22: End 1: 4: Carico mobile centrato 0.9667 -3.1849 167.7699 205.4295 0.9528 -0.4007

Beam 22: End 2: 1: G1 2.2938 4.0375 162.8301 477.2732 6.7534 44.4054

Beam 22: End 2: 2: G2 0.3413 0.7261 38.0748 102.0640 1.2214 6.4981

Beam 22: End 2: 3: Vento Q5 0.1072 0.3550 -2.2612 -5.5946 -0.2198 -3.1427

Beam 22: End 2: 4: Carico mobile centrato 0.9667 -2.7499 167.7699 280.9260 0.9528 -0.4007

Beam 23: End 1: 1: G1 2.2938 4.0375 162.8301 477.6737 6.7534 44.2694

Beam 23: End 1: 2: G2 0.3413 0.7261 38.0748 102.1364 1.2214 6.4778

Beam 23: End 1: 3: Vento Q5 0.1072 0.3550 -2.2612 -5.6077 -0.2198 -3.1490

Beam 23: End 1: 4: Carico mobile centrato 0.9667 -2.7499 167.7699 280.9825 0.9528 -0.4580

Beam 23: End 2: 1: G1 2.2938 5.7578 144.3880 592.8804 6.7534 44.2694

Beam 23: End 2: 2: G2 0.3413 0.9821 38.0748 130.6925 1.2214 6.4778

Beam 23: End 2: 3: Vento Q5 0.1072 0.4354 -1.9094 -7.1717 -0.2198 -3.1490

Beam 23: End 2: 4: Carico mobile centrato 0.9667 -2.0249 167.7699 406.8100 0.9528 -0.4580

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 24: End 1: 1: G1 4.4963 -12.0328 142.2292 598.2190 -0.5180 38.0168

Beam 24: End 1: 2: G2 0.7144 -1.7925 28.7959 131.5172 0.1116 5.5915

Beam 24: End 1: 3: Vento Q5 0.0931 0.7865 -2.0102 -7.0548 -0.3891 -2.5817

Beam 24: End 1: 4: Carico mobile centrato 0.7848 -0.8579 201.1531 374.2580 53.2010 -0.5165

Beam 24: End 2: 1: G1 4.4963 -5.2884 105.3450 783.8997 -0.5180 38.0168

Beam 24: End 2: 2: G2 0.7144 -0.7209 28.7959 174.7110 0.1116 5.5915

Beam 24: End 2: 3: Vento Q5 0.0931 0.9261 -1.3067 -9.5425 -0.3891 -2.5817

Beam 24: End 2: 4: Carico mobile centrato 0.7848 0.3193 201.1531 675.9877 53.2010 -0.5165

Beam 25: End 1: 1: G1 4.2600 -16.8323 101.8425 788.0167 -6.2146 27.8243

Beam 25: End 1: 2: G2 0.6937 -2.5483 19.3234 175.3606 -0.7862 4.1048

Beam 25: End 1: 3: Vento Q5 0.0664 1.0818 -1.4361 -9.4610 -0.5013 -1.8311

Beam 25: End 1: 4: Carico mobile centrato 0.8376 0.0797 252.1857 637.2232 119.6282 -0.2682

Beam 25: End 2: 1: G1 4.2600 -10.4423 64.9584 913.1174 -6.2146 27.8243

Beam 25: End 2: 2: G2 0.6937 -1.5076 19.3234 204.3457 -0.7862 4.1048

Beam 25: End 2: 3: Vento Q5 0.0664 1.1814 -0.7326 -11.0876 -0.5013 -1.8311

Beam 25: End 2: 4: Carico mobile centrato 0.8376 1.3360 252.1857 1015.5018 119.6282 -0.2682

Beam 26: End 1: 1: G1 1.8645 -16.9207 60.4586 915.5607 -9.5337 14.6836

Beam 26: End 1: 2: G2 0.3296 -2.5647 9.7040 204.7387 -1.3245 2.1681

Beam 26: End 1: 3: Vento Q5 0.0375 1.2488 -0.8823 -11.0416 -0.5610 -0.9488

Beam 26: End 1: 4: Carico mobile centrato 0.6268 0.7374 118.7858 984.4595 174.0376 0.0232

Beam 26: End 2: 1: G1 1.8645 -14.1239 23.5744 978.5854 -9.5337 14.6836

Beam 26: End 2: 2: G2 0.3296 -2.0703 9.7040 219.2947 -1.3245 2.1681

Beam 26: End 2: 3: Vento Q5 0.0375 1.3051 -0.1788 -11.8373 -0.5610 -0.9488

Beam 26: End 2: 4: Carico mobile centrato 0.6268 1.6776 118.7858 1162.6383 174.0376 0.0232

Beam 27: End 1: 1: G1 -1.4751 -14.9609 18.5574 979.3165 -10.4616 0.1251

Beam 27: End 1: 2: G2 -0.1829 -2.2625 0.0071 219.4201 -1.4912 0.0158

Beam 27: End 1: 3: Vento Q5 0.0064 1.3179 -0.3384 -11.8309 -0.5619 0.0007

Beam 27: End 1: 4: Carico mobile centrato -0.0476 1.4727 -5.9302 1154.7205 186.9733 0.2122

Beam 27: End 2: 1: G1 -1.4751 -16.0672 0.1153 986.3187 -10.4616 0.1251

Beam 27: End 2: 2: G2 -0.1829 -2.3996 0.0071 219.4254 -1.4912 0.0158

Beam 27: End 2: 3: Vento Q5 0.0064 1.3227 0.0134 -11.9528 -0.5619 0.0007

Beam 27: End 2: 4: Carico mobile centrato -0.0476 1.4370 -5.9302 1150.2729 186.9733 0.2122

Beam 28: End 1: 1: G1 -1.4751 -16.0672 0.1153 986.3187 -10.4616 0.1251

Beam 28: End 1: 2: G2 -0.1829 -2.3996 0.0071 219.4254 -1.4912 0.0158

Beam 28: End 1: 3: Vento Q5 0.0064 1.3227 0.0134 -11.9528 -0.5619 0.0007

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 28: End 1: 4: Carico mobile centrato -0.0476 1.4370 -5.9302 1150.2729 186.9733 0.2122

Beam 28: End 2: 1: G1 -1.4751 -17.1735 -18.3268 979.4894 -10.4616 0.1251

Beam 28: End 2: 2: G2 -0.1829 -2.5368 0.0071 219.4307 -1.4912 0.0158

Beam 28: End 2: 3: Vento Q5 0.0064 1.3275 0.3651 -11.8109 -0.5619 0.0007

Beam 28: End 2: 4: Carico mobile centrato -0.0476 1.4012 -5.9302 1145.8252 186.9733 0.2122

Beam 29: End 1: 1: G1 -4.9148 -11.9719 -23.3316 978.5185 -9.0370 -14.4584

Beam 29: End 1: 2: G2 -0.7078 -1.8032 -9.6892 219.2897 -1.2920 -2.1397

Beam 29: End 1: 3: Vento Q5 -0.0255 1.2944 0.2066 -11.8473 -0.4983 0.9500

Beam 29: End 1: 4: Carico mobile centrato -0.7598 1.9492 -131.3510 1165.3692 150.1190 0.4201

Beam 29: End 2: 1: G1 -4.9148 -19.3441 -60.2158 915.8579 -9.0370 -14.4584

Beam 29: End 2: 2: G2 -0.7078 -2.8650 -9.6892 204.7559 -1.2920 -2.1397

Beam 29: End 2: 3: Vento Q5 -0.0255 1.2562 0.9101 -11.0097 -0.4983 0.9500

Beam 29: End 2: 4: Carico mobile centrato -0.7598 0.8096 -131.3510 968.3427 150.1190 0.4201

Beam 30: End 1: 1: G1 -7.5937 -8.2342 -64.6820 913.1350 -5.1326 -27.6715

Beam 30: End 1: 2: G2 -1.1074 -1.2332 -19.3068 204.3452 -0.7164 -4.0853

Beam 30: End 1: 3: Vento Q5 -0.0565 1.1702 0.7635 -11.0898 -0.3669 1.8320

Beam 30: End 1: 4: Carico mobile centrato -1.1898 2.0024 -266.7038 1013.2745 66.7505 0.7180

Beam 30: End 2: 1: G1 -7.5937 -19.6248 -101.5662 788.4488 -5.1326 -27.6715

Beam 30: End 2: 2: G2 -1.1074 -2.8942 -19.3068 175.3849 -0.7164 -4.0853

Beam 30: End 2: 3: Vento Q5 -0.0565 1.0854 1.4670 -9.4170 -0.3669 1.8320

Beam 30: End 2: 4: Carico mobile centrato -1.1898 0.2177 -266.7038 613.2188 66.7505 0.7180

Beam 31: End 1: 1: G1 -8.2311 -2.9010 -105.0226 783.9598 1.3533 -37.9688

Beam 31: End 1: 2: G2 -1.1786 -0.4232 -28.7769 174.7125 0.2298 -5.5852

Beam 31: End 1: 3: Vento Q5 -0.0865 0.9143 1.3417 -9.5414 -0.1635 2.5820

Beam 31: End 1: 4: Carico mobile centrato -1.8180 1.7810 -218.3832 671.1318 -40.2661 0.8211

Beam 31: End 2: 1: G1 -8.2311 -15.2477 -141.9067 598.7628 1.3533 -37.9688

Beam 31: End 2: 2: G2 -1.1786 -2.1911 -28.7769 131.5472 0.2298 -5.5852

Beam 31: End 2: 3: Vento Q5 -0.0865 0.7845 2.0452 -7.0013 -0.1635 2.5820

Beam 31: End 2: 4: Carico mobile centrato -1.8180 -0.9460 -218.3832 343.5569 -40.2661 0.8211

Beam 32: End 1: 1: G1 -6.4175 8.7258 -144.0211 592.8668 9.8183 -44.3200

Beam 32: End 1: 2: G2 -0.8555 1.3534 -38.0536 130.6896 1.4100 -6.4843

Beam 32: End 1: 3: Vento Q5 -0.1037 0.4237 1.9485 -7.1786 0.1350 3.1487

Beam 32: End 1: 4: Carico mobile centrato -3.4679 0.8047 -187.6724 405.8057 -156.1411 0.2826

Beam 32: End 2: 1: G1 -6.4175 3.9127 -162.4632 477.9352 9.8183 -44.3200

Beam 32: End 2: 2: G2 -0.8555 0.7118 -38.0536 102.1495 1.4100 -6.4843

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 32: End 2: 3: Vento Q5 -0.1037 0.3459 2.3003 -5.5853 0.1350 3.1487

Beam 32: End 2: 4: Carico mobile centrato -3.4679 -1.7963 -187.6724 265.0514 -156.1411 0.2826

Beam 33: End 1: 1: G1 -6.4175 3.9127 -162.4632 477.3530 9.8183 -44.7006

Beam 33: End 1: 2: G2 -0.8555 0.7118 -38.0536 102.0658 1.4100 -6.5351

Beam 33: End 1: 3: Vento Q5 -0.1037 0.3459 2.3003 -5.5933 0.1350 3.1425

Beam 33: End 1: 4: Carico mobile centrato -3.4679 -1.7963 -187.6724 274.3106 -156.1411 0.0769

Beam 33: End 2: 1: G1 -6.4175 1.0248 -177.5181 400.8572 9.8183 -44.7006

Beam 33: End 2: 2: G2 -0.8555 0.3268 -38.0536 84.9417 1.4100 -6.5351

Beam 33: End 2: 3: Vento Q5 -0.1037 0.2992 2.5113 -4.5107 0.1350 3.1425

Beam 33: End 2: 4: Carico mobile centrato -3.4679 -3.3568 -187.6724 189.8580 -156.1411 0.0769

Beam 34: End 1: 1: G1 -9.1009 9.7514 -177.9536 398.6849 11.7257 -48.5205

Beam 34: End 1: 2: G2 -1.2713 1.6181 -43.4996 84.6320 1.6468 -7.1003

Beam 34: End 1: 3: Vento Q5 -0.0923 0.1147 2.4717 -4.5861 0.2361 3.3688

Beam 34: End 1: 4: Carico mobile centrato -3.3731 -3.1971 -177.2802 209.9053 -187.8978 0.1286

Beam 34: End 2: 1: G1 -9.1009 -1.3972 -231.0747 148.1550 11.7257 -48.5205

Beam 34: End 2: 2: G2 -1.2713 0.0608 -43.4996 31.3449 1.6468 -7.1003

Beam 34: End 2: 3: Vento Q5 -0.0923 0.0017 3.0462 -1.2064 0.2361 3.3688

Beam 34: End 2: 4: Carico mobile centrato -3.3731 -7.3292 -177.2802 -7.2629 -187.8978 0.1286

Beam 35: End 1: 1: G1 -56.9736 50.1270 -229.4127 142.0918 18.8112 -72.8807

Beam 35: End 1: 2: G2 -9.1810 7.8847 -52.5170 30.5718 2.4146 -11.1135

Beam 35: End 1: 3: Vento Q5 -0.0087 -1.2943 3.0280 -1.5619 0.8288 3.4656

Beam 35: End 1: 4: Carico mobile centrato 15.0608 -9.6716 -173.4237 82.2434 -344.8073 9.3241

Beam 35: End 2: 1: G1 -56.9736 18.7915 -253.2630 9.3560 18.8112 -72.8807

Beam 35: End 2: 2: G2 -9.1810 2.8352 -52.5170 1.6875 2.4146 -11.1135

Beam 35: End 2: 3: Vento Q5 -0.0087 -1.2991 3.2859 0.1744 0.8288 3.4656

Beam 35: End 2: 4: Carico mobile centrato 15.0608 -1.3881 -173.4237 -13.1396 -344.8073 9.3241

Beam 36: End 1: 1: G1 0.0000 0.0000 9.7569 -1.0977 0.0000 0.0000

Beam 36: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 36: End 1: 3: Vento Q5 0.0000 0.0000 -0.1055 0.0119 0.0000 0.0000

Beam 36: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 36: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 36: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 36: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 36: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 37: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 37: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 37: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 37: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 37: End 2: 1: G1 0.0000 0.0000 -9.7569 -1.0977 0.0000 0.0000

Beam 37: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 37: End 2: 3: Vento Q5 0.0000 0.0000 0.0351 0.0039 0.0000 0.0000

Beam 37: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 38: End 1: 1: G1 6.1582 4.2947 248.7742 3.3336 4.2773 14.0482

Beam 38: End 1: 2: G2 0.9624 0.6098 51.9615 0.6362 0.6067 2.0270

Beam 38: End 1: 3: Vento Q5 0.0941 -1.5829 -1.1310 0.0675 0.0674 -4.1756

Beam 38: End 1: 4: Carico mobile centrato -56.0743 23.1856 126.3303 16.8608 19.8490 60.1915

Beam 38: End 2: 1: G1 6.1582 7.6817 224.9239 133.6006 4.2773 14.0482

Beam 38: End 2: 2: G2 0.9624 1.1391 51.9615 29.2150 0.6067 2.0270

Beam 38: End 2: 3: Vento Q5 0.0941 -1.5311 -1.0452 -0.5310 0.0674 -4.1756

Beam 38: End 2: 4: Carico mobile centrato -56.0743 -7.6552 126.3303 86.3425 19.8490 60.1915

Beam 39: End 1: 1: G1 3.2413 -2.8511 224.9576 139.7034 -5.4546 12.5316

Beam 39: End 1: 2: G2 0.4859 -0.4124 42.6703 30.1032 -0.8130 1.7827

Beam 39: End 1: 3: Vento Q5 -0.0309 0.2061 -1.0468 -0.4591 -0.0427 -4.1711

Beam 39: End 1: 4: Carico mobile centrato -14.8844 15.6998 123.5426 98.3046 4.1556 80.3041

Beam 39: End 2: 1: G1 3.2413 1.1195 171.8364 382.7397 -5.4546 12.5316

Beam 39: End 2: 2: G2 0.4859 0.1828 42.6703 82.3743 -0.8130 1.7827

Beam 39: End 2: 3: Vento Q5 -0.0309 0.1683 -0.8557 -1.6244 -0.0427 -4.1711

Beam 39: End 2: 4: Carico mobile centrato -14.8844 -2.5337 123.5426 249.6443 4.1556 80.3041

Beam 40: End 1: 1: G1 1.5136 -0.4976 171.2707 383.9199 -6.6550 11.0096

Beam 40: End 1: 2: G2 0.2045 -0.0483 37.1929 82.5394 -0.9767 1.5494

Beam 40: End 1: 3: Vento Q5 -0.0164 0.4330 -0.8655 -1.6042 -0.0668 -3.8948

Beam 40: End 1: 4: Carico mobile centrato -11.2983 1.2605 117.5458 254.1191 -0.3371 77.9493

Beam 40: End 2: 1: G1 1.5136 0.1835 156.2159 457.6044 -6.6550 11.0096

Beam 40: End 2: 2: G2 0.2045 0.0438 37.1929 99.2762 -0.9767 1.5494

Beam 40: End 2: 3: Vento Q5 -0.0164 0.4256 -0.7953 -1.9779 -0.0668 -3.8948

Beam 40: End 2: 4: Carico mobile centrato -11.2983 -3.8238 117.5458 307.0147 -0.3371 77.9493

Beam 41: End 1: 1: G1 1.5136 0.1835 156.2159 457.2097 -6.6550 10.9199

Beam 41: End 1: 2: G2 0.2045 0.0438 37.1929 99.2183 -0.9767 1.5372

Beam 41: End 1: 3: Vento Q5 -0.0164 0.4256 -0.7953 -1.9818 -0.0668 -3.8938

Beam 41: End 1: 4: Carico mobile centrato -11.2983 -3.8238 117.5458 306.9948 -0.3371 78.6193

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 41: End 2: 1: G1 1.5136 1.3187 137.7738 567.4558 -6.6550 10.9199

Beam 41: End 2: 2: G2 0.2045 0.1971 37.1929 127.1129 -0.9767 1.5372

Beam 41: End 2: 3: Vento Q5 -0.0164 0.4133 -0.6783 -2.5344 -0.0668 -3.8938

Beam 41: End 2: 4: Carico mobile centrato -11.2983 -12.2975 117.5458 395.1541 -0.3371 78.6193

Beam 42: End 1: 1: G1 0.7779 -2.3807 136.2435 568.9280 -8.0033 8.8408

Beam 42: End 1: 2: G2 0.0883 -0.3088 27.9817 127.2897 -1.0961 1.2385

Beam 42: End 1: 3: Vento Q5 -0.0011 1.0021 -0.7033 -2.4898 -0.1375 -3.1894

Beam 42: End 1: 4: Carico mobile centrato -7.0179 -3.2053 100.5286 411.8592 -27.6554 68.8198

Beam 42: End 2: 1: G1 0.7779 -1.2139 99.3593 745.6300 -8.0033 8.8408

Beam 42: End 2: 2: G2 0.0883 -0.1764 27.9817 169.2622 -1.0961 1.2385

Beam 42: End 2: 3: Vento Q5 -0.0011 1.0004 -0.4693 -3.3692 -0.1375 -3.1894

Beam 42: End 2: 4: Carico mobile centrato -7.0179 -13.7321 100.5286 562.6521 -27.6554 68.8198

Beam 43: End 1: 1: G1 0.7254 -3.6930 97.3554 746.6184 -8.7052 6.4644

Beam 43: End 1: 2: G2 0.0932 -0.5160 18.7056 169.3786 -1.1419 0.9083

Beam 43: End 1: 3: Vento Q5 0.0078 1.3142 -0.5018 -3.3386 -0.1839 -2.2621

Beam 43: End 1: 4: Carico mobile centrato -2.0060 -16.4733 74.6739 582.6453 -62.3957 53.1350

Beam 43: End 2: 1: G1 0.7254 -2.6050 60.4712 864.9883 -8.7052 6.4644

Beam 43: End 2: 2: G2 0.0932 -0.3762 18.7056 197.4370 -1.1419 0.9083

Beam 43: End 2: 3: Vento Q5 0.0078 1.3259 -0.2678 -3.9158 -0.1839 -2.2621

Beam 43: End 2: 4: Carico mobile centrato -2.0060 -19.4823 74.6739 694.6562 -62.3957 53.1350

Beam 44: End 1: 1: G1 0.2512 -4.0375 58.1455 865.5920 -9.0959 3.4618

Beam 44: End 1: 2: G2 0.0367 -0.5796 9.3860 197.5119 -1.1725 0.4883

Beam 44: End 1: 3: Vento Q5 0.0199 1.4756 -0.3058 -3.8990 -0.2076 -1.1746

Beam 44: End 1: 4: Carico mobile centrato -1.2088 -25.5494 41.0377 710.7048 -90.8721 29.6992

Beam 44: End 2: 1: G1 0.2512 -3.6608 21.2613 925.1470 -9.0959 3.4618

Beam 44: End 2: 2: G2 0.0367 -0.5245 9.3860 211.5909 -1.1725 0.4883

Beam 44: End 2: 3: Vento Q5 0.0199 1.5056 -0.0718 -4.1822 -0.2076 -1.1746

Beam 44: End 2: 4: Carico mobile centrato -1.2088 -27.3626 41.0377 772.2613 -90.8721 29.6992

Beam 45: End 1: 1: G1 -0.6512 -3.5826 18.7742 925.0932 -8.6736 0.0423

Beam 45: End 1: 2: G2 -0.0858 -0.5208 0.0449 211.5833 -1.1121 0.0068

Beam 45: End 1: 3: Vento Q5 0.0359 1.5183 -0.1126 -4.1802 -0.2077 -0.0041

Beam 45: End 1: 4: Carico mobile centrato -4.1391 -26.0417 3.0727 776.4190 -97.8191 1.3044

Beam 45: End 2: 1: G1 -0.6512 -4.0710 0.3321 932.2581 -8.6736 0.0423

Beam 45: End 2: 2: G2 -0.0858 -0.5851 0.0449 211.6170 -1.1121 0.0068

Beam 45: End 2: 3: Vento Q5 0.0359 1.5452 0.0044 -4.2208 -0.2077 -0.0041

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 45: End 2: 4: Carico mobile centrato -4.1391 -29.1460 3.0727 778.7235 -97.8191 1.3044

Beam 46: End 1: 1: G1 -0.6512 -4.0710 0.3321 932.2581 -8.6736 0.0423

Beam 46: End 1: 2: G2 -0.0858 -0.5851 0.0449 211.6170 -1.1121 0.0068

Beam 46: End 1: 3: Vento Q5 0.0359 1.5452 0.0044 -4.2208 -0.2077 -0.0041

Beam 46: End 1: 4: Carico mobile centrato -4.1391 -29.1460 3.0727 778.7235 -97.8191 1.3044

Beam 46: End 2: 1: G1 -0.6512 -4.5594 -18.1099 925.5914 -8.6736 0.0423

Beam 46: End 2: 2: G2 -0.0858 -0.6494 0.0449 211.6506 -1.1121 0.0068

Beam 46: End 2: 3: Vento Q5 0.0359 1.5721 0.1214 -4.1736 -0.2077 -0.0041

Beam 46: End 2: 4: Carico mobile centrato -4.1391 -32.2504 3.0727 781.0280 -97.8191 1.3044

Beam 47: End 1: 1: G1 -1.5870 -2.7152 -20.5927 924.7374 -7.1615 -3.3886

Beam 47: End 1: 2: G2 -0.2135 -0.3991 -9.2952 211.5386 -0.9181 -0.4761

Beam 47: End 1: 3: Vento Q5 0.0549 1.4502 0.0804 -4.1872 -0.1827 1.1670

Beam 47: End 1: 4: Carico mobile centrato -8.0178 -20.5953 -34.5250 771.0143 -78.8340 -27.1224

Beam 47: End 2: 1: G1 -1.5870 -5.0956 -57.4769 866.1851 -7.1615 -3.3886

Beam 47: End 2: 2: G2 -0.2135 -0.7194 -9.2952 197.5958 -0.9181 -0.4761

Beam 47: End 2: 3: Vento Q5 0.0549 1.5325 0.3144 -3.8910 -0.1827 1.1670

Beam 47: End 2: 4: Carico mobile centrato -8.0178 -32.6219 -34.5250 719.2268 -78.8340 -27.1224

Beam 48: End 1: 1: G1 -2.1505 -1.6499 -59.7909 864.6279 -4.7397 -6.4216

Beam 48: End 1: 2: G2 -0.2848 -0.2476 -18.6121 197.3941 -0.6178 -0.9002

Beam 48: End 1: 3: Vento Q5 0.0760 1.2652 0.2762 -3.9202 -0.1323 2.2564

Beam 48: End 1: 4: Carico mobile centrato -10.2700 -11.0456 -67.1396 696.1341 -35.6759 -50.8320

Beam 48: End 2: 1: G1 -2.1505 -4.8756 -96.6751 747.2784 -4.7397 -6.4216

Beam 48: End 2: 2: G2 -0.2848 -0.6747 -18.6121 169.4759 -0.6178 -0.9002

Beam 48: End 2: 3: Vento Q5 0.0760 1.3792 0.5102 -3.3304 -0.1323 2.2564

Beam 48: End 2: 4: Carico mobile centrato -10.2700 -26.4506 -67.1396 595.4246 -35.6759 -50.8320

Beam 49: End 1: 1: G1 -2.3130 -0.2030 -98.6631 745.2474 -1.8179 -8.8341

Beam 49: End 1: 2: G2 -0.3002 -0.0374 -27.8845 169.2183 -0.2715 -1.2360

Beam 49: End 1: 3: Vento Q5 0.0991 0.9301 0.4772 -3.3749 -0.0565 3.1872

Beam 49: End 1: 4: Carico mobile centrato -10.7422 -2.4845 -91.5656 565.5836 19.9380 -67.4468

Beam 49: End 2: 1: G1 -2.3130 -3.6725 -135.5473 569.5896 -1.8179 -8.8341

Beam 49: End 2: 2: G2 -0.3002 -0.4877 -27.8845 127.3916 -0.2715 -1.2360

Beam 49: End 2: 3: Vento Q5 0.0991 1.0787 0.7112 -2.4835 -0.0565 3.1872

Beam 49: End 2: 4: Carico mobile centrato -10.7422 -18.5978 -91.5656 428.2353 19.9380 -67.4468

Beam 50: End 1: 1: G1 -3.1321 2.5401 -137.0610 566.9229 2.0716 -10.9365

Beam 50: End 1: 2: G2 -0.4359 0.3692 -37.0919 127.0479 0.2034 -1.5399

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 50: End 1: 3: Vento Q5 0.1311 0.3224 0.6859 -2.5433 0.0462 3.8961

Beam 50: End 1: 4: Carico mobile centrato -13.9515 4.6993 -107.1582 396.0092 80.5063 -79.0753

Beam 50: End 2: 1: G1 -3.1321 0.1910 -155.5031 457.2113 2.0716 -10.9365

Beam 50: End 2: 2: G2 -0.4359 0.0423 -37.0919 99.2290 0.2034 -1.5399

Beam 50: End 2: 3: Vento Q5 0.1311 0.4207 0.8029 -1.9850 0.0462 3.8961

Beam 50: End 2: 4: Carico mobile centrato -13.9515 -5.7643 -107.1582 315.6406 80.5063 -79.0753

Beam 51: End 1: 1: G1 -3.1321 0.1910 -155.5031 457.0885 2.0716 -11.1223

Beam 51: End 1: 2: G2 -0.4359 0.0423 -37.0919 99.2169 0.2034 -1.5657

Beam 51: End 1: 3: Vento Q5 0.1311 0.4207 0.8029 -1.9878 0.0462 3.9038

Beam 51: End 1: 4: Carico mobile centrato -13.9515 -5.7643 -107.1582 310.8666 80.5063 -79.9027

Beam 51: End 2: 1: G1 -3.1321 -1.2185 -170.5579 383.7248 2.0716 -11.1223

Beam 51: End 2: 2: G2 -0.4359 -0.1538 -37.0919 82.5256 0.2034 -1.5657

Beam 51: End 2: 3: Vento Q5 0.1311 0.4797 0.8731 -1.6107 0.0462 3.9038

Beam 51: End 2: 4: Carico mobile centrato -13.9515 -12.0425 -107.1582 262.6454 80.5063 -79.9027

Beam 52: End 1: 1: G1 -4.9204 1.1555 -171.1157 382.1932 4.0271 -12.6602

Beam 52: End 1: 2: G2 -0.7345 0.1856 -42.5676 82.3100 0.4751 -1.8050

Beam 52: End 1: 3: Vento Q5 0.1598 0.1617 0.8631 -1.6351 0.0793 4.1855

Beam 52: End 1: 4: Carico mobile centrato -18.3476 -3.9379 -112.5168 252.4314 96.9300 -85.5265

Beam 52: End 2: 1: G1 -4.9204 -4.8720 -224.2368 140.0398 4.0271 -12.6602

Beam 52: End 2: 2: G2 -0.7345 -0.7142 -42.5676 30.1647 0.4751 -1.8050

Beam 52: End 2: 3: Vento Q5 0.1598 0.3575 1.0542 -0.4607 0.0793 4.1855

Beam 52: End 2: 4: Carico mobile centrato -18.3476 -26.4137 -112.5168 114.5983 96.9300 -85.5265

Beam 53: End 1: 1: G1 -7.9437 8.4036 -224.1960 132.4868 16.5196 -14.2260

Beam 53: End 1: 2: G2 -1.2328 1.2460 -51.8573 29.0553 2.3167 -2.0592

Beam 53: End 1: 3: Vento Q5 0.0491 -1.5871 1.0527 -0.5414 0.2057 4.1963

Beam 53: End 1: 4: Carico mobile centrato 15.7471 6.6009 -114.8681 68.6160 178.0342 -68.5561

Beam 53: End 2: 1: G1 -7.9437 4.0346 -248.0463 2.6201 16.5196 -14.2260

Beam 53: End 2: 2: G2 -1.2328 0.5679 -51.8573 0.5338 2.3167 -2.0592

Beam 53: End 2: 3: Vento Q5 0.0491 -1.5601 1.1385 0.0612 0.2057 4.1963

Beam 53: End 2: 4: Carico mobile centrato 15.7471 15.2618 -114.8681 5.4385 178.0342 -68.5561

Beam 54: End 1: 1: G1 0.0000 0.0000 9.7569 -1.0977 0.0000 0.0000

Beam 54: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 54: End 1: 3: Vento Q5 0.0000 0.0000 -0.0351 0.0039 0.0000 0.0000

Beam 54: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 54: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 54: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 54: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 54: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 55: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 55: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 55: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 55: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 55: End 2: 1: G1 0.0000 0.0000 -9.7569 -1.0977 0.0000 0.0000

Beam 55: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 55: End 2: 3: Vento Q5 0.0000 0.0000 -0.0351 -0.0039 0.0000 0.0000

Beam 55: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 56: End 1: 1: G1 -6.1582 -4.2947 248.7742 3.3336 4.2773 -14.0482

Beam 56: End 1: 2: G2 -0.9624 -0.6098 51.9615 0.6362 0.6067 -2.0270

Beam 56: End 1: 3: Vento Q5 0.0941 -1.5829 1.1310 -0.0675 -0.0674 -4.1756

Beam 56: End 1: 4: Carico mobile centrato 56.0743 -23.1856 126.3303 16.8608 19.8490 -60.1915

Beam 56: End 2: 1: G1 -6.1582 -7.6817 224.9239 133.6006 4.2773 -14.0482

Beam 56: End 2: 2: G2 -0.9624 -1.1391 51.9615 29.2150 0.6067 -2.0270

Beam 56: End 2: 3: Vento Q5 0.0941 -1.5311 1.0452 0.5310 -0.0674 -4.1756

Beam 56: End 2: 4: Carico mobile centrato 56.0743 7.6552 126.3303 86.3425 19.8490 -60.1915

Beam 57: End 1: 1: G1 -3.2413 2.8511 224.9576 139.7034 -5.4546 -12.5316

Beam 57: End 1: 2: G2 -0.4859 0.4124 42.6703 30.1032 -0.8130 -1.7827

Beam 57: End 1: 3: Vento Q5 -0.0309 0.2061 1.0468 0.4591 0.0427 -4.1711

Beam 57: End 1: 4: Carico mobile centrato 14.8844 -15.6998 123.5426 98.3046 4.1556 -80.3041

Beam 57: End 2: 1: G1 -3.2413 -1.1195 171.8364 382.7397 -5.4546 -12.5316

Beam 57: End 2: 2: G2 -0.4859 -0.1828 42.6703 82.3743 -0.8130 -1.7827

Beam 57: End 2: 3: Vento Q5 -0.0309 0.1683 0.8557 1.6244 0.0427 -4.1711

Beam 57: End 2: 4: Carico mobile centrato 14.8844 2.5337 123.5426 249.6443 4.1556 -80.3041

Beam 58: End 1: 1: G1 -1.5136 0.4976 171.2707 383.9199 -6.6550 -11.0096

Beam 58: End 1: 2: G2 -0.2045 0.0483 37.1929 82.5394 -0.9767 -1.5494

Beam 58: End 1: 3: Vento Q5 -0.0164 0.4330 0.8655 1.6042 0.0668 -3.8948

Beam 58: End 1: 4: Carico mobile centrato 11.2983 -1.2605 117.5458 254.1191 -0.3371 -77.9493

Beam 58: End 2: 1: G1 -1.5136 -0.1835 156.2159 457.6044 -6.6550 -11.0096

Beam 58: End 2: 2: G2 -0.2045 -0.0438 37.1929 99.2762 -0.9767 -1.5494

Beam 58: End 2: 3: Vento Q5 -0.0164 0.4256 0.7953 1.9779 0.0668 -3.8948

Beam 58: End 2: 4: Carico mobile centrato 11.2983 3.8238 117.5458 307.0147 -0.3371 -77.9493

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 59: End 1: 1: G1 -1.5136 -0.1835 156.2159 457.2097 -6.6550 -10.9199

Beam 59: End 1: 2: G2 -0.2045 -0.0438 37.1929 99.2183 -0.9767 -1.5372

Beam 59: End 1: 3: Vento Q5 -0.0164 0.4256 0.7953 1.9818 0.0668 -3.8938

Beam 59: End 1: 4: Carico mobile centrato 11.2983 3.8238 117.5458 306.9948 -0.3371 -78.6193

Beam 59: End 2: 1: G1 -1.5136 -1.3187 137.7738 567.4558 -6.6550 -10.9199

Beam 59: End 2: 2: G2 -0.2045 -0.1971 37.1929 127.1129 -0.9767 -1.5372

Beam 59: End 2: 3: Vento Q5 -0.0164 0.4133 0.6783 2.5344 0.0668 -3.8938

Beam 59: End 2: 4: Carico mobile centrato 11.2983 12.2975 117.5458 395.1541 -0.3371 -78.6193

Beam 60: End 1: 1: G1 -0.7779 2.3807 136.2435 568.9280 -8.0033 -8.8408

Beam 60: End 1: 2: G2 -0.0883 0.3088 27.9817 127.2897 -1.0961 -1.2385

Beam 60: End 1: 3: Vento Q5 -0.0011 1.0021 0.7033 2.4898 0.1375 -3.1894

Beam 60: End 1: 4: Carico mobile centrato 7.0179 3.2053 100.5286 411.8592 -27.6554 -68.8198

Beam 60: End 2: 1: G1 -0.7779 1.2139 99.3593 745.6300 -8.0033 -8.8408

Beam 60: End 2: 2: G2 -0.0883 0.1764 27.9817 169.2622 -1.0961 -1.2385

Beam 60: End 2: 3: Vento Q5 -0.0011 1.0004 0.4693 3.3692 0.1375 -3.1894

Beam 60: End 2: 4: Carico mobile centrato 7.0179 13.7321 100.5286 562.6521 -27.6554 -68.8198

Beam 61: End 1: 1: G1 -0.7254 3.6930 97.3554 746.6184 -8.7052 -6.4644

Beam 61: End 1: 2: G2 -0.0932 0.5160 18.7056 169.3786 -1.1419 -0.9083

Beam 61: End 1: 3: Vento Q5 0.0078 1.3142 0.5018 3.3386 0.1839 -2.2621

Beam 61: End 1: 4: Carico mobile centrato 2.0060 16.4733 74.6739 582.6453 -62.3957 -53.1350

Beam 61: End 2: 1: G1 -0.7254 2.6050 60.4712 864.9883 -8.7052 -6.4644

Beam 61: End 2: 2: G2 -0.0932 0.3762 18.7056 197.4370 -1.1419 -0.9083

Beam 61: End 2: 3: Vento Q5 0.0078 1.3259 0.2678 3.9158 0.1839 -2.2621

Beam 61: End 2: 4: Carico mobile centrato 2.0060 19.4823 74.6739 694.6562 -62.3957 -53.1350

Beam 62: End 1: 1: G1 -0.2512 4.0375 58.1455 865.5920 -9.0959 -3.4618

Beam 62: End 1: 2: G2 -0.0367 0.5796 9.3860 197.5119 -1.1725 -0.4883

Beam 62: End 1: 3: Vento Q5 0.0199 1.4756 0.3058 3.8990 0.2076 -1.1746

Beam 62: End 1: 4: Carico mobile centrato 1.2088 25.5494 41.0377 710.7048 -90.8721 -29.6992

Beam 62: End 2: 1: G1 -0.2512 3.6608 21.2613 925.1470 -9.0959 -3.4618

Beam 62: End 2: 2: G2 -0.0367 0.5245 9.3860 211.5909 -1.1725 -0.4883

Beam 62: End 2: 3: Vento Q5 0.0199 1.5056 0.0718 4.1822 0.2076 -1.1746

Beam 62: End 2: 4: Carico mobile centrato 1.2088 27.3626 41.0377 772.2613 -90.8721 -29.6992

Beam 63: End 1: 1: G1 0.6512 3.5826 18.7742 925.0932 -8.6736 -0.0423

Beam 63: End 1: 2: G2 0.0858 0.5208 0.0449 211.5833 -1.1121 -0.0068

Beam 63: End 1: 3: Vento Q5 0.0359 1.5183 0.1126 4.1802 0.2077 -0.0041

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 63: End 1: 4: Carico mobile centrato 4.1391 26.0417 3.0727 776.4190 -97.8191 -1.3044

Beam 63: End 2: 1: G1 0.6512 4.0710 0.3321 932.2581 -8.6736 -0.0423

Beam 63: End 2: 2: G2 0.0858 0.5851 0.0449 211.6170 -1.1121 -0.0068

Beam 63: End 2: 3: Vento Q5 0.0359 1.5452 -0.0044 4.2208 0.2077 -0.0041

Beam 63: End 2: 4: Carico mobile centrato 4.1391 29.1460 3.0727 778.7235 -97.8191 -1.3044

Beam 64: End 1: 1: G1 0.6512 4.0710 0.3321 932.2581 -8.6736 -0.0423

Beam 64: End 1: 2: G2 0.0858 0.5851 0.0449 211.6170 -1.1121 -0.0068

Beam 64: End 1: 3: Vento Q5 0.0359 1.5452 -0.0044 4.2208 0.2077 -0.0041

Beam 64: End 1: 4: Carico mobile centrato 4.1391 29.1460 3.0727 778.7235 -97.8191 -1.3044

Beam 64: End 2: 1: G1 0.6512 4.5594 -18.1099 925.5914 -8.6736 -0.0423

Beam 64: End 2: 2: G2 0.0858 0.6494 0.0449 211.6506 -1.1121 -0.0068

Beam 64: End 2: 3: Vento Q5 0.0359 1.5721 -0.1214 4.1736 0.2077 -0.0041

Beam 64: End 2: 4: Carico mobile centrato 4.1391 32.2504 3.0727 781.0280 -97.8191 -1.3044

Beam 65: End 1: 1: G1 1.5870 2.7152 -20.5927 924.7374 -7.1615 3.3886

Beam 65: End 1: 2: G2 0.2135 0.3991 -9.2952 211.5386 -0.9181 0.4761

Beam 65: End 1: 3: Vento Q5 0.0549 1.4502 -0.0804 4.1872 0.1827 1.1670

Beam 65: End 1: 4: Carico mobile centrato 8.0178 20.5953 -34.5250 771.0143 -78.8340 27.1224

Beam 65: End 2: 1: G1 1.5870 5.0956 -57.4769 866.1851 -7.1615 3.3886

Beam 65: End 2: 2: G2 0.2135 0.7194 -9.2952 197.5958 -0.9181 0.4761

Beam 65: End 2: 3: Vento Q5 0.0549 1.5325 -0.3144 3.8910 0.1827 1.1670

Beam 65: End 2: 4: Carico mobile centrato 8.0178 32.6219 -34.5250 719.2268 -78.8340 27.1224

Beam 66: End 1: 1: G1 2.1505 1.6499 -59.7909 864.6279 -4.7397 6.4216

Beam 66: End 1: 2: G2 0.2848 0.2476 -18.6121 197.3941 -0.6178 0.9002

Beam 66: End 1: 3: Vento Q5 0.0760 1.2652 -0.2762 3.9202 0.1323 2.2564

Beam 66: End 1: 4: Carico mobile centrato 10.2700 11.0456 -67.1396 696.1341 -35.6759 50.8320

Beam 66: End 2: 1: G1 2.1505 4.8756 -96.6751 747.2784 -4.7397 6.4216

Beam 66: End 2: 2: G2 0.2848 0.6747 -18.6121 169.4759 -0.6178 0.9002

Beam 66: End 2: 3: Vento Q5 0.0760 1.3792 -0.5102 3.3304 0.1323 2.2564

Beam 66: End 2: 4: Carico mobile centrato 10.2700 26.4506 -67.1396 595.4246 -35.6759 50.8320

Beam 67: End 1: 1: G1 2.3130 0.2030 -98.6631 745.2474 -1.8179 8.8341

Beam 67: End 1: 2: G2 0.3002 0.0374 -27.8845 169.2183 -0.2715 1.2360

Beam 67: End 1: 3: Vento Q5 0.0991 0.9301 -0.4772 3.3749 0.0565 3.1872

Beam 67: End 1: 4: Carico mobile centrato 10.7422 2.4845 -91.5656 565.5836 19.9380 67.4468

Beam 67: End 2: 1: G1 2.3130 3.6725 -135.5473 569.5896 -1.8179 8.8341

Beam 67: End 2: 2: G2 0.3002 0.4877 -27.8845 127.3916 -0.2715 1.2360

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 67: End 2: 3: Vento Q5 0.0991 1.0787 -0.7112 2.4835 0.0565 3.1872

Beam 67: End 2: 4: Carico mobile centrato 10.7422 18.5978 -91.5656 428.2353 19.9380 67.4468

Beam 68: End 1: 1: G1 3.1321 -2.5401 -137.0610 566.9229 2.0716 10.9365

Beam 68: End 1: 2: G2 0.4359 -0.3692 -37.0919 127.0479 0.2034 1.5399

Beam 68: End 1: 3: Vento Q5 0.1311 0.3224 -0.6859 2.5433 -0.0462 3.8961

Beam 68: End 1: 4: Carico mobile centrato 13.9515 -4.6993 -107.1582 396.0092 80.5063 79.0753

Beam 68: End 2: 1: G1 3.1321 -0.1910 -155.5031 457.2113 2.0716 10.9365

Beam 68: End 2: 2: G2 0.4359 -0.0423 -37.0919 99.2290 0.2034 1.5399

Beam 68: End 2: 3: Vento Q5 0.1311 0.4207 -0.8029 1.9850 -0.0462 3.8961

Beam 68: End 2: 4: Carico mobile centrato 13.9515 5.7643 -107.1582 315.6406 80.5063 79.0753

Beam 69: End 1: 1: G1 3.1321 -0.1910 -155.5031 457.0885 2.0716 11.1223

Beam 69: End 1: 2: G2 0.4359 -0.0423 -37.0919 99.2169 0.2034 1.5657

Beam 69: End 1: 3: Vento Q5 0.1311 0.4207 -0.8029 1.9878 -0.0462 3.9038

Beam 69: End 1: 4: Carico mobile centrato 13.9515 5.7643 -107.1582 310.8666 80.5063 79.9027

Beam 69: End 2: 1: G1 3.1321 1.2185 -170.5579 383.7248 2.0716 11.1223

Beam 69: End 2: 2: G2 0.4359 0.1538 -37.0919 82.5256 0.2034 1.5657

Beam 69: End 2: 3: Vento Q5 0.1311 0.4797 -0.8731 1.6107 -0.0462 3.9038

Beam 69: End 2: 4: Carico mobile centrato 13.9515 12.0425 -107.1582 262.6454 80.5063 79.9027

Beam 70: End 1: 1: G1 4.9204 -1.1555 -171.1157 382.1932 4.0271 12.6602

Beam 70: End 1: 2: G2 0.7345 -0.1856 -42.5676 82.3100 0.4751 1.8050

Beam 70: End 1: 3: Vento Q5 0.1598 0.1617 -0.8631 1.6351 -0.0793 4.1855

Beam 70: End 1: 4: Carico mobile centrato 18.3476 3.9379 -112.5168 252.4314 96.9300 85.5265

Beam 70: End 2: 1: G1 4.9204 4.8720 -224.2368 140.0398 4.0271 12.6602

Beam 70: End 2: 2: G2 0.7345 0.7142 -42.5676 30.1647 0.4751 1.8050

Beam 70: End 2: 3: Vento Q5 0.1598 0.3575 -1.0542 0.4607 -0.0793 4.1855

Beam 70: End 2: 4: Carico mobile centrato 18.3476 26.4137 -112.5168 114.5983 96.9300 85.5265

Beam 71: End 1: 1: G1 7.9437 -8.4036 -224.1960 132.4868 16.5196 14.2260

Beam 71: End 1: 2: G2 1.2328 -1.2460 -51.8573 29.0553 2.3167 2.0592

Beam 71: End 1: 3: Vento Q5 0.0491 -1.5871 -1.0527 0.5414 -0.2057 4.1963

Beam 71: End 1: 4: Carico mobile centrato -15.7471 -6.6009 -114.8681 68.6160 178.0342 68.5561

Beam 71: End 2: 1: G1 7.9437 -4.0346 -248.0463 2.6201 16.5196 14.2260

Beam 71: End 2: 2: G2 1.2328 -0.5679 -51.8573 0.5338 2.3167 2.0592

Beam 71: End 2: 3: Vento Q5 0.0491 -1.5601 -1.1385 -0.0612 -0.2057 4.1963

Beam 71: End 2: 4: Carico mobile centrato -15.7471 -15.2618 -114.8681 5.4385 178.0342 68.5561

Beam 72: End 1: 1: G1 0.0000 0.0000 9.7569 -1.0977 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 72: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 72: End 1: 3: Vento Q5 0.0000 0.0000 0.0351 -0.0039 0.0000 0.0000

Beam 72: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 72: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 72: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 72: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 72: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 73: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 73: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 73: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 73: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 73: End 2: 1: G1 0.0000 0.0000 -9.7569 -1.0977 0.0000 0.0000

Beam 73: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 73: End 2: 3: Vento Q5 0.0000 0.0000 -0.1055 -0.0119 0.0000 0.0000

Beam 73: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 74: End 1: 1: G1 -52.1229 -19.5787 253.6594 9.7561 13.1471 -72.2925

Beam 74: End 1: 2: G2 -8.5739 -2.9336 52.5395 1.7104 2.0823 -11.0390

Beam 74: End 1: 3: Vento Q5 0.0027 -1.2964 3.2438 -0.2163 -0.2129 -3.4700

Beam 74: End 1: 4: Carico mobile centrato 19.8835 0.7026 151.5393 -35.0643 -41.0475 10.6534

Beam 74: End 2: 1: G1 -52.1229 -48.2463 229.8091 142.7099 13.1471 -72.2925

Beam 74: End 2: 2: G2 -8.5739 -7.6492 52.5395 30.6071 2.0823 -11.0390

Beam 74: End 2: 3: Vento Q5 0.0027 -1.2950 2.9858 1.4969 -0.2129 -3.4700

Beam 74: End 2: 4: Carico mobile centrato 19.8835 11.6385 151.5393 48.2823 -41.0475 10.6534

Beam 75: End 1: 1: G1 -4.6446 -4.1148 231.4600 147.6362 8.2468 -48.1103

Beam 75: End 1: 2: G2 -0.7141 -0.7486 43.5217 31.3178 1.4344 -7.0483

Beam 75: End 1: 3: Vento Q5 0.0918 0.0107 3.0053 1.2546 0.1624 -3.3706

Beam 75: End 1: 4: Carico mobile centrato 0.6263 3.4945 156.1966 23.2905 -8.2048 1.1147

Beam 75: End 2: 1: G1 -4.6446 -9.8044 178.3389 398.6380 8.2468 -48.1103

Beam 75: End 2: 2: G2 -0.7141 -1.6234 43.5217 84.6319 1.4344 -7.0483

Beam 75: End 2: 3: Vento Q5 0.0918 0.1231 2.4308 4.5842 0.1624 -3.3706

Beam 75: End 2: 4: Carico mobile centrato 0.6263 4.2618 156.1966 214.6313 -8.2048 1.1147

Beam 76: End 1: 1: G1 -2.2938 -3.0053 177.8849 400.6123 6.7534 -44.4054

Beam 76: End 1: 2: G2 -0.3413 -0.5725 38.0748 84.9303 1.2214 -6.4981

Beam 76: End 1: 3: Vento Q5 0.1072 0.3068 2.4722 4.5296 0.2198 -3.1427

Beam 76: End 1: 4: Carico mobile centrato -0.9667 3.1849 167.7699 205.4295 0.9528 0.4007

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 76: End 2: 1: G1 -2.2938 -4.0375 162.8301 477.2732 6.7534 -44.4054

Beam 76: End 2: 2: G2 -0.3413 -0.7261 38.0748 102.0640 1.2214 -6.4981

Beam 76: End 2: 3: Vento Q5 0.1072 0.3550 2.2612 5.5946 0.2198 -3.1427

Beam 76: End 2: 4: Carico mobile centrato -0.9667 2.7499 167.7699 280.9260 0.9528 0.4007

Beam 77: End 1: 1: G1 -2.2938 -4.0375 162.8301 477.6737 6.7534 -44.2694

Beam 77: End 1: 2: G2 -0.3413 -0.7261 38.0748 102.1364 1.2214 -6.4778

Beam 77: End 1: 3: Vento Q5 0.1072 0.3550 2.2612 5.6077 0.2198 -3.1490

Beam 77: End 1: 4: Carico mobile centrato -0.9667 2.7499 167.7699 280.9825 0.9528 0.4580

Beam 77: End 2: 1: G1 -2.2938 -5.7578 144.3880 592.8804 6.7534 -44.2694

Beam 77: End 2: 2: G2 -0.3413 -0.9821 38.0748 130.6925 1.2214 -6.4778

Beam 77: End 2: 3: Vento Q5 0.1072 0.4354 1.9094 7.1717 0.2198 -3.1490

Beam 77: End 2: 4: Carico mobile centrato -0.9667 2.0249 167.7699 406.8100 0.9528 0.4580

Beam 78: End 1: 1: G1 -4.4963 12.0328 142.2292 598.2190 -0.5180 -38.0168

Beam 78: End 1: 2: G2 -0.7144 1.7925 28.7959 131.5172 0.1116 -5.5915

Beam 78: End 1: 3: Vento Q5 0.0931 0.7865 2.0102 7.0548 0.3891 -2.5817

Beam 78: End 1: 4: Carico mobile centrato -0.7848 0.8579 201.1531 374.2580 53.2010 0.5165

Beam 78: End 2: 1: G1 -4.4963 5.2884 105.3450 783.8997 -0.5180 -38.0168

Beam 78: End 2: 2: G2 -0.7144 0.7209 28.7959 174.7110 0.1116 -5.5915

Beam 78: End 2: 3: Vento Q5 0.0931 0.9261 1.3067 9.5425 0.3891 -2.5817

Beam 78: End 2: 4: Carico mobile centrato -0.7848 -0.3193 201.1531 675.9877 53.2010 0.5165

Beam 79: End 1: 1: G1 -4.2600 16.8323 101.8425 788.0167 -6.2146 -27.8243

Beam 79: End 1: 2: G2 -0.6937 2.5483 19.3234 175.3606 -0.7862 -4.1048

Beam 79: End 1: 3: Vento Q5 0.0664 1.0818 1.4361 9.4610 0.5013 -1.8311

Beam 79: End 1: 4: Carico mobile centrato -0.8376 -0.0797 252.1857 637.2232 119.6282 0.2682

Beam 79: End 2: 1: G1 -4.2600 10.4423 64.9584 913.1174 -6.2146 -27.8243

Beam 79: End 2: 2: G2 -0.6937 1.5076 19.3234 204.3457 -0.7862 -4.1048

Beam 79: End 2: 3: Vento Q5 0.0664 1.1814 0.7326 11.0876 0.5013 -1.8311

Beam 79: End 2: 4: Carico mobile centrato -0.8376 -1.3360 252.1857 1015.5018 119.6282 0.2682

Beam 80: End 1: 1: G1 -1.8645 16.9207 60.4586 915.5607 -9.5337 -14.6836

Beam 80: End 1: 2: G2 -0.3296 2.5647 9.7040 204.7387 -1.3245 -2.1681

Beam 80: End 1: 3: Vento Q5 0.0375 1.2488 0.8823 11.0416 0.5610 -0.9488

Beam 80: End 1: 4: Carico mobile centrato -0.6268 -0.7374 118.7858 984.4595 174.0376 -0.0232

Beam 80: End 2: 1: G1 -1.8645 14.1239 23.5744 978.5854 -9.5337 -14.6836

Beam 80: End 2: 2: G2 -0.3296 2.0703 9.7040 219.2947 -1.3245 -2.1681

Beam 80: End 2: 3: Vento Q5 0.0375 1.3051 0.1788 11.8373 0.5610 -0.9488

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 80: End 2: 4: Carico mobile centrato -0.6268 -1.6776 118.7858 1162.6383 174.0376 -0.0232

Beam 81: End 1: 1: G1 1.4751 14.9609 18.5574 979.3165 -10.4616 -0.1251

Beam 81: End 1: 2: G2 0.1829 2.2625 0.0071 219.4201 -1.4912 -0.0158

Beam 81: End 1: 3: Vento Q5 0.0064 1.3179 0.3384 11.8309 0.5619 0.0007

Beam 81: End 1: 4: Carico mobile centrato 0.0476 -1.4727 -5.9302 1154.7205 186.9733 -0.2122

Beam 81: End 2: 1: G1 1.4751 16.0672 0.1153 986.3187 -10.4616 -0.1251

Beam 81: End 2: 2: G2 0.1829 2.3996 0.0071 219.4254 -1.4912 -0.0158

Beam 81: End 2: 3: Vento Q5 0.0064 1.3227 -0.0134 11.9528 0.5619 0.0007

Beam 81: End 2: 4: Carico mobile centrato 0.0476 -1.4370 -5.9302 1150.2729 186.9733 -0.2122

Beam 82: End 1: 1: G1 1.4751 16.0672 0.1153 986.3187 -10.4616 -0.1251

Beam 82: End 1: 2: G2 0.1829 2.3996 0.0071 219.4254 -1.4912 -0.0158

Beam 82: End 1: 3: Vento Q5 0.0064 1.3227 -0.0134 11.9528 0.5619 0.0007

Beam 82: End 1: 4: Carico mobile centrato 0.0476 -1.4370 -5.9302 1150.2729 186.9733 -0.2122

Beam 82: End 2: 1: G1 1.4751 17.1735 -18.3268 979.4894 -10.4616 -0.1251

Beam 82: End 2: 2: G2 0.1829 2.5368 0.0071 219.4307 -1.4912 -0.0158

Beam 82: End 2: 3: Vento Q5 0.0064 1.3275 -0.3651 11.8109 0.5619 0.0007

Beam 82: End 2: 4: Carico mobile centrato 0.0476 -1.4012 -5.9302 1145.8252 186.9733 -0.2122

Beam 83: End 1: 1: G1 4.9148 11.9719 -23.3316 978.5185 -9.0370 14.4584

Beam 83: End 1: 2: G2 0.7078 1.8032 -9.6892 219.2897 -1.2920 2.1397

Beam 83: End 1: 3: Vento Q5 -0.0255 1.2944 -0.2066 11.8473 0.4983 0.9500

Beam 83: End 1: 4: Carico mobile centrato 0.7598 -1.9492 -131.3510 1165.3692 150.1190 -0.4201

Beam 83: End 2: 1: G1 4.9148 19.3441 -60.2158 915.8579 -9.0370 14.4584

Beam 83: End 2: 2: G2 0.7078 2.8650 -9.6892 204.7559 -1.2920 2.1397

Beam 83: End 2: 3: Vento Q5 -0.0255 1.2562 -0.9101 11.0097 0.4983 0.9500

Beam 83: End 2: 4: Carico mobile centrato 0.7598 -0.8096 -131.3510 968.3427 150.1190 -0.4201

Beam 84: End 1: 1: G1 7.5937 8.2342 -64.6820 913.1350 -5.1326 27.6715

Beam 84: End 1: 2: G2 1.1074 1.2332 -19.3068 204.3452 -0.7164 4.0853

Beam 84: End 1: 3: Vento Q5 -0.0565 1.1702 -0.7635 11.0898 0.3669 1.8320

Beam 84: End 1: 4: Carico mobile centrato 1.1898 -2.0024 -266.7038 1013.2745 66.7505 -0.7180

Beam 84: End 2: 1: G1 7.5937 19.6248 -101.5662 788.4488 -5.1326 27.6715

Beam 84: End 2: 2: G2 1.1074 2.8942 -19.3068 175.3849 -0.7164 4.0853

Beam 84: End 2: 3: Vento Q5 -0.0565 1.0854 -1.4670 9.4170 0.3669 1.8320

Beam 84: End 2: 4: Carico mobile centrato 1.1898 -0.2177 -266.7038 613.2188 66.7505 -0.7180

Beam 85: End 1: 1: G1 8.2311 2.9010 -105.0226 783.9598 1.3533 37.9688

Beam 85: End 1: 2: G2 1.1786 0.4232 -28.7769 174.7125 0.2298 5.5852

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 85: End 1: 3: Vento Q5 -0.0865 0.9143 -1.3417 9.5414 0.1635 2.5820

Beam 85: End 1: 4: Carico mobile centrato 1.8180 -1.7810 -218.3832 671.1318 -40.2661 -0.8211

Beam 85: End 2: 1: G1 8.2311 15.2477 -141.9067 598.7628 1.3533 37.9688

Beam 85: End 2: 2: G2 1.1786 2.1911 -28.7769 131.5472 0.2298 5.5852

Beam 85: End 2: 3: Vento Q5 -0.0865 0.7845 -2.0452 7.0013 0.1635 2.5820

Beam 85: End 2: 4: Carico mobile centrato 1.8180 0.9460 -218.3832 343.5569 -40.2661 -0.8211

Beam 86: End 1: 1: G1 6.4175 -8.7258 -144.0211 592.8668 9.8183 44.3200

Beam 86: End 1: 2: G2 0.8555 -1.3534 -38.0536 130.6896 1.4100 6.4843

Beam 86: End 1: 3: Vento Q5 -0.1037 0.4237 -1.9485 7.1786 -0.1350 3.1487

Beam 86: End 1: 4: Carico mobile centrato 3.4679 -0.8047 -187.6724 405.8057 -156.1411 -0.2826

Beam 86: End 2: 1: G1 6.4175 -3.9127 -162.4632 477.9352 9.8183 44.3200

Beam 86: End 2: 2: G2 0.8555 -0.7118 -38.0536 102.1495 1.4100 6.4843

Beam 86: End 2: 3: Vento Q5 -0.1037 0.3459 -2.3003 5.5853 -0.1350 3.1487

Beam 86: End 2: 4: Carico mobile centrato 3.4679 1.7963 -187.6724 265.0514 -156.1411 -0.2826

Beam 87: End 1: 1: G1 6.4175 -3.9127 -162.4632 477.3530 9.8183 44.7006

Beam 87: End 1: 2: G2 0.8555 -0.7118 -38.0536 102.0658 1.4100 6.5351

Beam 87: End 1: 3: Vento Q5 -0.1037 0.3459 -2.3003 5.5933 -0.1350 3.1425

Beam 87: End 1: 4: Carico mobile centrato 3.4679 1.7963 -187.6724 274.3106 -156.1411 -0.0769

Beam 87: End 2: 1: G1 6.4175 -1.0248 -177.5181 400.8572 9.8183 44.7006

Beam 87: End 2: 2: G2 0.8555 -0.3268 -38.0536 84.9417 1.4100 6.5351

Beam 87: End 2: 3: Vento Q5 -0.1037 0.2992 -2.5113 4.5107 -0.1350 3.1425

Beam 87: End 2: 4: Carico mobile centrato 3.4679 3.3568 -187.6724 189.8580 -156.1411 -0.0769

Beam 88: End 1: 1: G1 9.1009 -9.7514 -177.9536 398.6849 11.7257 48.5205

Beam 88: End 1: 2: G2 1.2713 -1.6181 -43.4996 84.6320 1.6468 7.1003

Beam 88: End 1: 3: Vento Q5 -0.0923 0.1147 -2.4717 4.5861 -0.2361 3.3688

Beam 88: End 1: 4: Carico mobile centrato 3.3731 3.1971 -177.2802 209.9053 -187.8978 -0.1286

Beam 88: End 2: 1: G1 9.1009 1.3972 -231.0747 148.1550 11.7257 48.5205

Beam 88: End 2: 2: G2 1.2713 -0.0608 -43.4996 31.3449 1.6468 7.1003

Beam 88: End 2: 3: Vento Q5 -0.0923 0.0017 -3.0462 1.2064 -0.2361 3.3688

Beam 88: End 2: 4: Carico mobile centrato 3.3731 7.3292 -177.2802 -7.2629 -187.8978 -0.1286

Beam 89: End 1: 1: G1 56.9736 -50.1270 -229.4127 142.0918 18.8112 72.8807

Beam 89: End 1: 2: G2 9.1810 -7.8847 -52.5170 30.5718 2.4146 11.1135

Beam 89: End 1: 3: Vento Q5 -0.0087 -1.2943 -3.0280 1.5619 -0.8288 3.4656

Beam 89: End 1: 4: Carico mobile centrato -15.0608 9.6716 -173.4237 82.2434 -344.8073 -9.3241

Beam 89: End 2: 1: G1 56.9736 -18.7915 -253.2630 9.3560 18.8112 72.8807

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 89: End 2: 2: G2 9.1810 -2.8352 -52.5170 1.6875 2.4146 11.1135

Beam 89: End 2: 3: Vento Q5 -0.0087 -1.2991 -3.2859 -0.1744 -0.8288 3.4656

Beam 89: End 2: 4: Carico mobile centrato -15.0608 1.3881 -173.4237 -13.1396 -344.8073 -9.3241

Beam 90: End 1: 1: G1 0.0000 0.0000 9.7569 -1.0977 0.0000 0.0000

Beam 90: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 90: End 1: 3: Vento Q5 0.0000 0.0000 0.1055 -0.0119 0.0000 0.0000

Beam 90: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 90: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 90: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 90: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 90: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 91: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 91: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 91: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 91: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 91: End 2: 1: G1 0.0000 0.0000 -9.7569 -1.0977 0.0000 0.0000

Beam 91: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 91: End 2: 3: Vento Q5 0.0000 0.0000 -0.1757 -0.0198 0.0000 0.0000

Beam 91: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 92: End 1: 1: G1 75.2200 -19.8503 332.8252 -16.3827 -17.4244 -155.6400

Beam 92: End 1: 2: G2 12.4569 -3.0926 64.4990 -2.3465 -2.6891 -25.2994

Beam 92: End 1: 3: Vento Q5 -0.0620 -0.5205 4.9434 -0.5044 -0.5387 -1.7312

Beam 92: End 1: 4: Carico mobile centrato -40.8243 22.9123 122.1304 18.2035 21.1984 84.3320

Beam 92: End 2: 1: G1 75.2200 21.5206 308.9749 160.1124 -17.4244 -155.6400

Beam 92: End 2: 2: G2 12.4569 3.7587 64.4990 33.1279 -2.6891 -25.2994

Beam 92: End 2: 3: Vento Q5 -0.0620 -0.5546 4.5139 2.0964 -0.5387 -1.7312

Beam 92: End 2: 4: Carico mobile centrato -40.8243 0.4590 122.1304 85.3752 21.1984 84.3320

Beam 93: End 1: 1: G1 15.3899 11.2656 285.9077 149.0833 -2.7922 -155.1533

Beam 93: End 1: 2: G2 2.6614 1.6768 51.8079 31.5290 -0.6213 -25.1131

Beam 93: End 1: 3: Vento Q5 -0.0261 0.2108 4.5310 1.7200 -0.0243 -1.6898

Beam 93: End 1: 4: Carico mobile centrato -5.4037 2.7674 120.2608 98.4049 4.0492 101.8379

Beam 93: End 2: 1: G1 15.3899 30.1182 232.7866 466.7836 -2.7922 -155.1533

Beam 93: End 2: 2: G2 2.6614 4.9370 51.8079 94.9937 -0.6213 -25.1131

Beam 93: End 2: 3: Vento Q5 -0.0261 0.1788 3.5743 6.6844 -0.0243 -1.6898

Beam 93: End 2: 4: Carico mobile centrato -5.4037 -3.8521 120.2608 245.7244 4.0492 101.8379

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 94: End 1: 1: G1 7.3288 28.6920 221.3905 463.6291 -0.0984 -139.3172

Beam 94: End 1: 2: G2 1.3394 4.6235 44.7323 94.5302 -0.2447 -22.4949

Beam 94: End 1: 3: Vento Q5 -0.0559 0.3075 3.6654 6.5892 0.0519 -1.6040

Beam 94: End 1: 4: Carico mobile centrato -0.5554 -4.8282 114.6842 250.4513 -0.6158 99.7099

Beam 94: End 2: 1: G1 7.3288 31.9900 206.3356 559.8675 -0.0984 -139.3172

Beam 94: End 2: 2: G2 1.3394 5.2262 44.7323 114.6597 -0.2447 -22.4949

Beam 94: End 2: 3: Vento Q5 -0.0559 0.2824 3.3139 8.1596 0.0519 -1.6040

Beam 94: End 2: 4: Carico mobile centrato -0.5554 -5.0781 114.6842 302.0593 -0.6158 99.7099

Beam 95: End 1: 1: G1 7.3288 31.9900 206.3356 559.8616 -0.0984 -139.7518

Beam 95: End 1: 2: G2 1.3394 5.2262 44.7323 114.6452 -0.2447 -22.5743

Beam 95: End 1: 3: Vento Q5 -0.0559 0.2824 3.3139 8.1627 0.0519 -1.6007

Beam 95: End 1: 4: Carico mobile centrato -0.5554 -5.0781 114.6842 302.0227 -0.6158 99.7428

Beam 95: End 2: 1: G1 7.3288 37.4866 187.8935 707.6976 -0.0984 -139.7518

Beam 95: End 2: 2: G2 1.3394 6.2308 44.7323 148.1944 -0.2447 -22.5743

Beam 95: End 2: 3: Vento Q5 -0.0559 0.2405 2.7282 10.4284 0.0519 -1.6007

Beam 95: End 2: 4: Carico mobile centrato -0.5554 -5.4947 114.6842 388.0359 -0.6158 99.7428

Beam 96: End 1: 1: G1 3.5451 32.1195 170.8897 700.8868 8.5213 -107.0451

Beam 96: End 1: 2: G2 0.6861 5.1073 33.2224 147.1930 0.9844 -17.2394

Beam 96: End 1: 3: Vento Q5 -0.0571 0.6184 2.9721 10.2715 0.1997 -1.3255

Beam 96: End 1: 4: Carico mobile centrato 2.9827 -14.3960 98.3183 403.8828 -25.5455 87.4711

Beam 96: End 2: 1: G1 3.5451 37.4372 134.0056 929.5583 8.5213 -107.0451

Beam 96: End 2: 2: G2 0.6861 6.1366 33.2224 197.0266 0.9844 -17.2394

Beam 96: End 2: 3: Vento Q5 -0.0571 0.5327 1.8006 13.8510 0.1997 -1.3255

Beam 96: End 2: 4: Carico mobile centrato 2.9827 -9.9220 98.3183 551.3602 -25.5455 87.4711

Beam 97: End 1: 1: G1 1.9485 34.4328 118.8191 924.4530 14.9199 -72.3627

Beam 97: End 1: 2: G2 0.3788 5.4937 21.9710 196.2607 1.9281 -11.6302

Beam 97: End 1: 3: Vento Q5 -0.0394 0.7803 2.1289 13.7524 0.2665 -0.9411

Beam 97: End 1: 4: Carico mobile centrato 4.5577 -27.7617 73.1404 570.1315 -57.2325 66.5601

Beam 97: End 2: 1: G1 1.9485 37.3556 81.9350 1075.0185 14.9199 -72.3627

Beam 97: End 2: 2: G2 0.3788 6.0618 21.9710 229.2171 1.9281 -11.6302

Beam 97: End 2: 3: Vento Q5 -0.0394 0.7212 0.9574 16.0671 0.2665 -0.9411

Beam 97: End 2: 4: Carico mobile centrato 4.5577 -20.9252 73.1404 679.8421 -57.2325 66.5601

Beam 98: End 1: 1: G1 1.1753 35.5685 68.0676 1071.9716 18.6296 -36.5352

Beam 98: End 1: 2: G2 0.2041 5.7024 10.9100 228.7492 2.4970 -5.8630

Beam 98: End 1: 3: Vento Q5 -0.0226 0.8672 1.3448 16.0100 0.2985 -0.4869

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 98: End 1: 4: Carico mobile centrato 1.9994 -37.1591 40.1765 694.8357 -83.1655 36.7551

Beam 98: End 2: 1: G1 1.1753 37.3315 31.1834 1146.4098 18.6296 -36.5352

Beam 98: End 2: 2: G2 0.2041 6.0085 10.9100 245.1142 2.4970 -5.8630

Beam 98: End 2: 3: Vento Q5 -0.0226 0.8332 0.1733 17.1486 0.2985 -0.4869

Beam 98: End 2: 4: Carico mobile centrato 1.9994 -34.1600 40.1765 755.1004 -83.1655 36.7551

Beam 99: End 1: 1: G1 0.8469 36.0130 17.9946 1145.7327 19.1351 -0.0954

Beam 99: End 1: 2: G2 0.1000 5.8073 -0.0520 244.9964 2.6033 -0.0101

Beam 99: End 1: 3: Vento Q5 -0.0075 0.8877 0.5914 17.1269 0.3140 0.0030

Beam 99: End 1: 4: Carico mobile centrato -4.0700 -36.4961 2.8576 758.8605 -89.1542 1.4076

Beam 99: End 2: 1: G1 0.8469 36.6482 -0.4475 1152.3128 19.1351 -0.0954

Beam 99: End 2: 2: G2 0.1000 5.8823 -0.0520 244.9574 2.6033 -0.0101

Beam 99: End 2: 3: Vento Q5 -0.0075 0.8820 0.0056 17.3507 0.3140 0.0030

Beam 99: End 2: 4: Carico mobile centrato -4.0700 -39.5486 2.8576 761.0037 -89.1542 1.4076

Beam 100: End 1: 1: G1 0.8469 36.6482 -0.4475 1152.3128 19.1351 -0.0954

Beam 100: End 1: 2: G2 0.1000 5.8823 -0.0520 244.9574 2.6033 -0.0101

Beam 100: End 1: 3: Vento Q5 -0.0075 0.8820 0.0056 17.3507 0.3140 0.0030

Beam 100: End 1: 4: Carico mobile centrato -4.0700 -39.5486 2.8576 761.0037 -89.1542 1.4076

Beam 100: End 2: 1: G1 0.8469 37.2834 -18.8895 1145.0615 19.1351 -0.0954

Beam 100: End 2: 2: G2 0.1000 5.9574 -0.0520 244.9184 2.6033 -0.0101

Beam 100: End 2: 3: Vento Q5 -0.0075 0.8764 -0.5801 17.1353 0.3140 0.0030

Beam 100: End 2: 4: Carico mobile centrato -4.0700 -42.6011 2.8576 763.1468 -89.1542 1.4076

Beam 101: End 1: 1: G1 0.5913 36.1350 -32.0948 1146.8865 16.1985 36.3626

Beam 101: End 1: 2: G2 0.0037 5.8680 -11.0156 245.1714 2.2101 5.8449

Beam 101: End 1: 3: Vento Q5 0.0054 0.8437 -0.1614 17.1468 0.3196 0.4925

Beam 101: End 1: 4: Carico mobile centrato -11.1509 -27.7681 -34.1240 753.6165 -71.2850 -34.0578

Beam 101: End 2: 1: G1 0.5913 37.0220 -68.9789 1071.0812 16.1985 36.3626

Beam 101: End 2: 2: G2 0.0037 5.8736 -11.0156 228.6481 2.2101 5.8449

Beam 101: End 2: 3: Vento Q5 0.0054 0.8519 -1.3329 16.0260 0.3196 0.4925

Beam 101: End 2: 4: Carico mobile centrato -11.1509 -44.4944 -34.1240 702.4305 -71.2850 -34.0578

Beam 102: End 1: 1: G1 0.0273 36.1555 -82.8915 1075.3613 9.8723 72.2443

Beam 102: End 1: 2: G2 -0.1488 5.9222 -22.0810 229.2605 1.3343 11.6182

Beam 102: End 1: 3: Vento Q5 0.0154 0.7329 -0.9437 16.0705 0.3140 0.9455

Beam 102: End 1: 4: Carico mobile centrato -16.8502 -13.4193 -66.1566 680.5915 -31.0746 -64.3484

Beam 102: End 2: 1: G1 0.0273 36.1965 -119.7757 923.3609 9.8723 72.2443

Beam 102: End 2: 2: G2 -0.1488 5.6990 -22.0810 196.1390 1.3343 11.6182

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 102: End 2: 3: Vento Q5 0.0154 0.7561 -2.1152 13.7763 0.3140 0.9455

Beam 102: End 2: 4: Carico mobile centrato -16.8502 -38.6947 -66.1566 581.3566 -31.0746 -64.3484

Beam 103: End 1: 1: G1 -1.2486 36.1529 -135.0242 929.8809 0.4645 107.0170

Beam 103: End 1: 2: G2 -0.4230 5.9885 -33.3386 197.0690 0.0417 17.2372

Beam 103: End 1: 3: Vento Q5 0.0223 0.5468 -1.7844 13.8568 0.2854 1.3273

Beam 103: End 1: 4: Carico mobile centrato -20.6484 -0.8055 -90.0512 553.2846 20.3280 -86.4091

Beam 103: End 2: 1: G1 -1.2486 34.2800 -171.9083 699.6815 0.4645 107.0170

Beam 103: End 2: 2: G2 -0.4230 5.3540 -33.3386 147.0611 0.0417 17.2372

Beam 103: End 2: 3: Vento Q5 0.0223 0.5803 -2.9559 10.3015 0.2854 1.3273

Beam 103: End 2: 4: Carico mobile centrato -20.6484 -31.7782 -90.0512 418.2078 20.3280 -86.4091

Beam 104: End 1: 1: G1 -4.6435 35.8778 -188.9732 708.2442 -11.8898 139.8472

Beam 104: End 1: 2: G2 -1.0367 6.0469 -44.8545 148.2623 -1.6134 22.5850

Beam 104: End 1: 3: Vento Q5 0.0074 0.2620 -2.7096 10.4303 0.1979 1.5986

Beam 104: End 1: 4: Carico mobile centrato -24.1789 7.2291 -105.1695 388.1851 75.6348 -100.6460

Beam 104: End 2: 1: G1 -4.6435 32.3952 -207.4152 559.5985 -11.8898 139.8472

Beam 104: End 2: 2: G2 -1.0367 5.2693 -44.8545 114.6215 -1.6134 22.5850

Beam 104: End 2: 3: Vento Q5 0.0074 0.2676 -3.2954 8.1784 0.1979 1.5986

Beam 104: End 2: 4: Carico mobile centrato -24.1789 -10.9051 -105.1695 309.3080 75.6348 -100.6460

Beam 105: End 1: 1: G1 -4.6435 32.3952 -207.4152 560.3036 -11.8898 139.5718

Beam 105: End 1: 2: G2 -1.0367 5.2693 -44.8545 114.7171 -1.6134 22.5236

Beam 105: End 1: 3: Vento Q5 0.0074 0.2676 -3.2954 8.1667 0.1979 1.5991

Beam 105: End 1: 4: Carico mobile centrato -24.1789 -10.9051 -105.1695 304.8228 75.6348 -102.0798

Beam 105: End 2: 1: G1 -4.6435 30.3057 -222.4701 463.5794 -11.8898 139.5718

Beam 105: End 2: 2: G2 -1.0367 4.8028 -44.8545 94.5326 -1.6134 22.5236

Beam 105: End 2: 3: Vento Q5 0.0074 0.2709 -3.6468 6.6047 0.1979 1.5991

Beam 105: End 2: 4: Carico mobile centrato -24.1789 -21.7856 -105.1695 257.4966 75.6348 -102.0798

Beam 106: End 1: 1: G1 -12.5402 30.5704 -233.8926 467.2832 -15.7528 155.4548

Beam 106: End 1: 2: G2 -2.3450 4.9853 -51.9328 95.0580 -2.1219 25.1449

Beam 106: End 1: 3: Vento Q5 -0.0327 0.1635 -3.5547 6.6895 0.1432 1.6808

Beam 106: End 1: 4: Carico mobile centrato -24.8198 -10.2119 -110.2030 247.6633 90.9677 -106.3564

Beam 106: End 2: 1: G1 -12.5402 15.2086 -287.0137 148.2281 -15.7528 155.4548

Beam 106: End 2: 2: G2 -2.3450 2.1127 -51.9328 31.4404 -2.1219 25.1449

Beam 106: End 2: 3: Vento Q5 -0.0327 0.1234 -4.5114 1.7491 0.1432 1.6808

Beam 106: End 2: 4: Carico mobile centrato -24.8198 -40.6162 -110.2030 112.6646 90.9677 -106.3564

Beam 107: End 1: 1: G1 -72.3141 20.4755 -310.0993 161.8443 -35.3308 155.9537

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 107: End 1: 2: G2 -12.1384 3.6429 -64.6257 33.3228 -4.7313 25.3308

Beam 107: End 1: 3: Vento Q5 -0.0055 -0.5321 -4.4935 2.0650 -0.2551 1.7185

Beam 107: End 1: 4: Carico mobile centrato 6.5799 11.7250 -111.7082 69.1406 166.7731 -90.5366

Beam 107: End 2: 1: G1 -72.3141 -19.2973 -333.9496 -15.2691 -35.3308 155.9537

Beam 107: End 2: 2: G2 -12.1384 -3.0333 -64.6257 -2.2213 -4.7313 25.3308

Beam 107: End 2: 3: Vento Q5 -0.0055 -0.5352 -4.9231 -0.5245 -0.2551 1.7185

Beam 107: End 2: 4: Carico mobile centrato 6.5799 15.3439 -111.7082 7.7010 166.7731 -90.5366

Beam 108: End 1: 1: G1 0.0000 0.0000 9.7569 -1.0977 0.0000 0.0000

Beam 108: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 108: End 1: 3: Vento Q5 0.0000 0.0000 0.1757 -0.0198 0.0000 0.0000

Beam 108: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 108: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 108: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 108: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 108: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 109: End 1: 1: G1 17.4244 -19.8503 122.6914 -148.6918 -69.0507 -11.9622

Beam 109: End 1: 2: G2 2.6891 -3.0926 17.6880 -23.2138 -11.2727 -1.8337

Beam 109: End 1: 3: Vento Q5 -0.5387 0.5205 -1.7064 1.7207 0.0293 0.3819

Beam 109: End 1: 4: Carico mobile centrato -21.1984 22.9123 -56.0841 76.3966 41.4376 14.1610

Beam 109: End 2: 1: G1 17.4244 -2.4259 110.9194 -31.8864 -69.0507 -11.9622

Beam 109: End 2: 2: G2 2.6891 -0.4035 17.6880 -5.5258 -11.2727 -1.8337

Beam 109: End 2: 3: Vento Q5 -0.5387 -0.0183 -1.7064 0.0144 0.0293 0.3819

Beam 109: End 2: 4: Carico mobile centrato -21.1984 1.7139 -56.0841 20.3125 41.4376 14.1610

Beam 110: End 1: 1: G1 17.4244 -2.4259 110.9194 -31.8864 -69.0507 -11.9622

Beam 110: End 1: 2: G2 2.6891 -0.4035 17.6880 -5.5258 -11.2727 -1.8337

Beam 110: End 1: 3: Vento Q5 -0.5387 -0.0183 -1.7064 0.0144 0.0293 0.3819

Beam 110: End 1: 4: Carico mobile centrato -21.1984 1.7139 -56.0841 20.3125 41.4376 14.1610

Beam 110: End 2: 1: G1 17.4244 14.9985 99.1474 73.1470 -69.0507 -11.9622

Beam 110: End 2: 2: G2 2.6891 2.2855 17.6880 12.1622 -11.2727 -1.8337

Beam 110: End 2: 3: Vento Q5 -0.5387 -0.5570 -1.7064 -1.6920 0.0293 0.3819

Beam 110: End 2: 4: Carico mobile centrato -21.1984 -19.4845 -56.0841 -35.7716 41.4376 14.1610

Beam 111: End 1: 1: G1 4.2773 -4.5803 21.0084 -13.2064 -0.0937 -3.6156

Beam 111: End 1: 2: G2 0.6067 -0.6481 1.2343 -1.1931 0.0842 -0.5205

Beam 111: End 1: 3: Vento Q5 -0.7517 0.7395 -1.9073 1.8260 -0.1660 0.5457

Beam 111: End 1: 4: Carico mobile centrato 19.8490 -18.7819 27.2373 -19.7760 15.2210 -13.0756

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 111: End 2: 1: G1 4.2773 -0.3029 9.2364 1.9161 -0.0937 -3.6156

Beam 111: End 2: 2: G2 0.6067 -0.0413 1.2343 0.0413 0.0842 -0.5205

Beam 111: End 2: 3: Vento Q5 -0.7517 -0.0122 -1.9073 -0.0813 -0.1660 0.5457

Beam 111: End 2: 4: Carico mobile centrato 19.8490 1.0671 27.2373 7.4613 15.2210 -13.0756

Beam 112: End 1: 1: G1 4.2773 -0.3029 9.2364 1.9161 -0.0937 -3.6156

Beam 112: End 1: 2: G2 0.6067 -0.0413 1.2343 0.0413 0.0842 -0.5205

Beam 112: End 1: 3: Vento Q5 -0.7517 -0.0122 -1.9073 -0.0813 -0.1660 0.5457

Beam 112: End 1: 4: Carico mobile centrato 19.8490 1.0671 27.2373 7.4613 15.2210 -13.0756

Beam 112: End 2: 1: G1 4.2773 3.9744 -2.5356 5.2665 -0.0937 -3.6156

Beam 112: End 2: 2: G2 0.6067 0.5654 1.2343 1.2756 0.0842 -0.5205

Beam 112: End 2: 3: Vento Q5 -0.7517 -0.7639 -1.9073 -1.9887 -0.1660 0.5457

Beam 112: End 2: 4: Carico mobile centrato 19.8490 20.9161 27.2373 34.6985 15.2210 -13.0756

Beam 113: End 1: 1: G1 0.0000 -0.3203 11.7720 -6.9569 -6.1871 0.0000

Beam 113: End 1: 2: G2 0.0000 -0.0444 0.0000 -0.4527 -0.9235 0.0000

Beam 113: End 1: 3: Vento Q5 -0.8190 0.8190 -2.1514 2.1514 0.0000 0.5964

Beam 113: End 1: 4: Carico mobile centrato 0.0000 -2.2695 0.0000 -16.5404 -33.7423 0.0000

Beam 113: End 2: 1: G1 0.0000 -0.3203 0.0000 -1.0709 -6.1871 0.0000

Beam 113: End 2: 2: G2 0.0000 -0.0444 0.0000 -0.4527 -0.9235 0.0000

Beam 113: End 2: 3: Vento Q5 -0.8190 0.0000 -2.1514 0.0000 0.0000 0.5964

Beam 113: End 2: 4: Carico mobile centrato 0.0000 -2.2695 0.0000 -16.5404 -33.7423 0.0000

Beam 114: End 1: 1: G1 0.0000 -0.3203 0.0000 -1.0709 -6.1871 0.0000

Beam 114: End 1: 2: G2 0.0000 -0.0444 0.0000 -0.4527 -0.9235 0.0000

Beam 114: End 1: 3: Vento Q5 -0.8190 0.0000 -2.1514 0.0000 0.0000 0.5964

Beam 114: End 1: 4: Carico mobile centrato 0.0000 -2.2695 0.0000 -16.5404 -33.7423 0.0000

Beam 114: End 2: 1: G1 0.0000 -0.3203 -11.7720 -6.9569 -6.1871 0.0000

Beam 114: End 2: 2: G2 0.0000 -0.0444 0.0000 -0.4527 -0.9235 0.0000

Beam 114: End 2: 3: Vento Q5 -0.8190 -0.8190 -2.1514 -2.1514 0.0000 0.5964

Beam 114: End 2: 4: Carico mobile centrato 0.0000 -2.2695 0.0000 -16.5404 -33.7423 0.0000

Beam 115: End 1: 1: G1 -4.2773 3.9744 2.5356 5.2665 -0.0937 3.6156

Beam 115: End 1: 2: G2 -0.6067 0.5654 -1.2343 1.2756 0.0842 0.5205

Beam 115: End 1: 3: Vento Q5 -0.7517 0.7639 -1.9073 1.9887 0.1660 0.5457

Beam 115: End 1: 4: Carico mobile centrato -19.8490 20.9161 -27.2373 34.6985 15.2210 13.0756

Beam 115: End 2: 1: G1 -4.2773 -0.3029 -9.2364 1.9161 -0.0937 3.6156

Beam 115: End 2: 2: G2 -0.6067 -0.0413 -1.2343 0.0413 0.0842 0.5205

Beam 115: End 2: 3: Vento Q5 -0.7517 0.0122 -1.9073 0.0813 0.1660 0.5457

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam 115: End 2: 4: Carico mobile centrato -19.8490 1.0671 -27.2373 7.4613 15.2210 13.0756

Beam 116: End 1: 1: G1 -4.2773 -0.3029 -9.2364 1.9161 -0.0937 3.6156

Beam 116: End 1: 2: G2 -0.6067 -0.0413 -1.2343 0.0413 0.0842 0.5205

Beam 116: End 1: 3: Vento Q5 -0.7517 0.0122 -1.9073 0.0813 0.1660 0.5457

Beam 116: End 1: 4: Carico mobile centrato -19.8490 1.0671 -27.2373 7.4613 15.2210 13.0756

Beam 116: End 2: 1: G1 -4.2773 -4.5803 -21.0084 -13.2064 -0.0937 3.6156

Beam 116: End 2: 2: G2 -0.6067 -0.6481 -1.2343 -1.1931 0.0842 0.5205

Beam 116: End 2: 3: Vento Q5 -0.7517 -0.7395 -1.9073 -1.8260 0.1660 0.5457

Beam 116: End 2: 4: Carico mobile centrato -19.8490 -18.7819 -27.2373 -19.7760 15.2210 13.0756

Beam 117: End 1: 1: G1 -17.4244 14.9985 -99.1474 73.1470 -69.0507 11.9622

Beam 117: End 1: 2: G2 -2.6891 2.2855 -17.6880 12.1622 -11.2727 1.8337

Beam 117: End 1: 3: Vento Q5 -0.5387 0.5570 -1.7064 1.6920 -0.0293 0.3819

Beam 117: End 1: 4: Carico mobile centrato 21.1984 -19.4845 56.0841 -35.7716 41.4376 -14.1610

Beam 117: End 2: 1: G1 -17.4244 -2.4259 -110.9194 -31.8864 -69.0507 11.9622

Beam 117: End 2: 2: G2 -2.6891 -0.4035 -17.6880 -5.5258 -11.2727 1.8337

Beam 117: End 2: 3: Vento Q5 -0.5387 0.0183 -1.7064 -0.0144 -0.0293 0.3819

Beam 117: End 2: 4: Carico mobile centrato 21.1984 1.7139 56.0841 20.3125 41.4376 -14.1610

Beam 118: End 1: 1: G1 -17.4244 -2.4259 -110.9194 -31.8864 -69.0507 11.9622

Beam 118: End 1: 2: G2 -2.6891 -0.4035 -17.6880 -5.5258 -11.2727 1.8337

Beam 118: End 1: 3: Vento Q5 -0.5387 0.0183 -1.7064 -0.0144 -0.0293 0.3819

Beam 118: End 1: 4: Carico mobile centrato 21.1984 1.7139 56.0841 20.3125 41.4376 -14.1610

Beam 118: End 2: 1: G1 -17.4244 -19.8503 -122.6914 -148.6918 -69.0507 11.9622

Beam 118: End 2: 2: G2 -2.6891 -3.0926 -17.6880 -23.2138 -11.2727 1.8337

Beam 118: End 2: 3: Vento Q5 -0.5387 -0.5205 -1.7064 -1.7207 -0.0293 0.3819

Beam 118: End 2: 4: Carico mobile centrato 21.1984 22.9123 56.0841 76.3966 41.4376 -14.1610

Beam 119: End 1: 1: G1 -16.8734 19.2973 122.8585 -148.8518 -69.0363 11.9522

Beam 119: End 1: 2: G2 -2.6304 3.0333 17.7056 -23.2291 -11.2679 1.8333

Beam 119: End 1: 3: Vento Q5 0.5540 -0.5352 -1.6996 1.7124 0.0261 -0.3830

Beam 119: End 1: 4: Carico mobile centrato 13.2847 -15.3439 -58.6731 80.1615 43.8363 -13.4714

Beam 119: End 2: 1: G1 -16.8734 2.4238 111.0865 -31.8793 -69.0363 11.9522

Beam 119: End 2: 2: G2 -2.6304 0.4029 17.7056 -5.5235 -11.2679 1.8333

Beam 119: End 2: 3: Vento Q5 0.5540 0.0188 -1.6996 0.0128 0.0261 -0.3830

Beam 119: End 2: 4: Carico mobile centrato 13.2847 -2.0592 -58.6731 21.4884 43.8363 -13.4714

Beam 120: End 1: 1: G1 -16.8734 2.4238 111.0865 -31.8793 -69.0363 11.9522

Beam 120: End 1: 2: G2 -2.6304 0.4029 17.7056 -5.5235 -11.2679 1.8333

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam 120: End 1: 3: Vento Q5 0.5540 0.0188 -1.6996 0.0128 0.0261 -0.3830

Beam 120: End 1: 4: Carico mobile centrato 13.2847 -2.0592 -58.6731 21.4884 43.8363 -13.4714

Beam 120: End 2: 1: G1 -16.8734 -14.4496 99.3145 73.3212 -69.0363 11.9522

Beam 120: End 2: 2: G2 -2.6304 -2.2276 17.7056 12.1821 -11.2679 1.8333

Beam 120: End 2: 3: Vento Q5 0.5540 0.5728 -1.6996 -1.6868 0.0261 -0.3830

Beam 120: End 2: 4: Carico mobile centrato 13.2847 11.2255 -58.6731 -37.1847 43.8363 -13.4714

Beam 121: End 1: 1: G1 -4.0164 4.3419 21.1162 -13.3410 -0.1484 3.6283

Beam 121: End 1: 2: G2 -0.5638 0.6076 1.2512 -1.2125 0.0790 0.5211

Beam 121: End 1: 3: Vento Q5 0.7395 -0.7263 -1.9101 1.8271 -0.1693 -0.5449

Beam 121: End 1: 4: Carico mobile centrato -11.1641 9.8373 30.0864 -21.9883 16.5201 12.3372

Beam 121: End 2: 1: G1 -4.0164 0.3255 9.3442 1.8892 -0.1484 3.6283

Beam 121: End 2: 2: G2 -0.5638 0.0438 1.2512 0.0387 0.0790 0.5211

Beam 121: End 2: 3: Vento Q5 0.7395 0.0131 -1.9101 -0.0830 -0.1693 -0.5449

Beam 121: End 2: 4: Carico mobile centrato -11.1641 -1.3268 30.0864 8.0981 16.5201 12.3372

Beam 122: End 1: 1: G1 -4.0164 0.3255 9.3442 1.8892 -0.1484 3.6283

Beam 122: End 1: 2: G2 -0.5638 0.0438 1.2512 0.0387 0.0790 0.5211

Beam 122: End 1: 3: Vento Q5 0.7395 0.0131 -1.9101 -0.0830 -0.1693 -0.5449

Beam 122: End 1: 4: Carico mobile centrato -11.1641 -1.3268 30.0864 8.0981 16.5201 12.3372

Beam 122: End 2: 1: G1 -4.0164 -3.6909 -2.4278 5.3474 -0.1484 3.6283

Beam 122: End 2: 2: G2 -0.5638 -0.5200 1.2512 1.2899 0.0790 0.5211

Beam 122: End 2: 3: Vento Q5 0.7395 0.7526 -1.9101 -1.9931 -0.1693 -0.5449

Beam 122: End 2: 4: Carico mobile centrato -11.1641 -12.4909 30.0864 38.1846 16.5201 12.3372

Beam 123: End 1: 1: G1 0.0000 0.3436 11.7720 -6.9660 -6.2056 0.0000

Beam 123: End 1: 2: G2 0.0000 0.0479 0.0000 -0.4558 -0.9297 0.0000

Beam 123: End 1: 3: Vento Q5 0.8075 -0.8075 -2.1591 2.1591 0.0000 -0.5967

Beam 123: End 1: 4: Carico mobile centrato 0.0000 2.7710 0.0000 -18.1269 -36.9789 0.0000

Beam 123: End 2: 1: G1 0.0000 0.3436 0.0000 -1.0800 -6.2056 0.0000

Beam 123: End 2: 2: G2 0.0000 0.0479 0.0000 -0.4558 -0.9297 0.0000

Beam 123: End 2: 3: Vento Q5 0.8075 0.0000 -2.1591 0.0000 0.0000 -0.5967

Beam 123: End 2: 4: Carico mobile centrato 0.0000 2.7710 0.0000 -18.1269 -36.9789 0.0000

Beam 124: End 1: 1: G1 0.0000 0.3436 0.0000 -1.0800 -6.2056 0.0000

Beam 124: End 1: 2: G2 0.0000 0.0479 0.0000 -0.4558 -0.9297 0.0000

Beam 124: End 1: 3: Vento Q5 0.8075 0.0000 -2.1591 0.0000 0.0000 -0.5967

Beam 124: End 1: 4: Carico mobile centrato 0.0000 2.7710 0.0000 -18.1269 -36.9789 0.0000

Beam 124: End 2: 1: G1 0.0000 0.3436 -11.7720 -6.9660 -6.2056 0.0000

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Beam 124: End 2: 2: G2 0.0000 0.0479 0.0000 -0.4558 -0.9297 0.0000

Beam 124: End 2: 3: Vento Q5 0.8075 0.8075 -2.1591 -2.1591 0.0000 -0.5967

Beam 124: End 2: 4: Carico mobile centrato 0.0000 2.7710 0.0000 -18.1269 -36.9789 0.0000

Beam 125: End 1: 1: G1 4.0164 -3.6909 2.4278 5.3474 -0.1484 -3.6283

Beam 125: End 1: 2: G2 0.5638 -0.5200 -1.2512 1.2899 0.0790 -0.5211

Beam 125: End 1: 3: Vento Q5 0.7395 -0.7526 -1.9101 1.9931 0.1693 -0.5449

Beam 125: End 1: 4: Carico mobile centrato 11.1641 -12.4909 -30.0864 38.1846 16.5201 -12.3372

Beam 125: End 2: 1: G1 4.0164 0.3255 -9.3442 1.8892 -0.1484 -3.6283

Beam 125: End 2: 2: G2 0.5638 0.0438 -1.2512 0.0387 0.0790 -0.5211

Beam 125: End 2: 3: Vento Q5 0.7395 -0.0131 -1.9101 0.0830 0.1693 -0.5449

Beam 125: End 2: 4: Carico mobile centrato 11.1641 -1.3268 -30.0864 8.0981 16.5201 -12.3372

Beam 126: End 1: 1: G1 4.0164 0.3255 -9.3442 1.8892 -0.1484 -3.6283

Beam 126: End 1: 2: G2 0.5638 0.0438 -1.2512 0.0387 0.0790 -0.5211

Beam 126: End 1: 3: Vento Q5 0.7395 -0.0131 -1.9101 0.0830 0.1693 -0.5449

Beam 126: End 1: 4: Carico mobile centrato 11.1641 -1.3268 -30.0864 8.0981 16.5201 -12.3372

Beam 126: End 2: 1: G1 4.0164 4.3419 -21.1162 -13.3410 -0.1484 -3.6283

Beam 126: End 2: 2: G2 0.5638 0.6076 -1.2512 -1.2125 0.0790 -0.5211

Beam 126: End 2: 3: Vento Q5 0.7395 0.7263 -1.9101 -1.8271 0.1693 -0.5449

Beam 126: End 2: 4: Carico mobile centrato 11.1641 9.8373 -30.0864 -21.9883 16.5201 -12.3372

Beam 127: End 1: 1: G1 16.8734 -14.4496 -99.3145 73.3212 -69.0363 -11.9522

Beam 127: End 1: 2: G2 2.6304 -2.2276 -17.7056 12.1821 -11.2679 -1.8333

Beam 127: End 1: 3: Vento Q5 0.5540 -0.5728 -1.6996 1.6868 -0.0261 -0.3830

Beam 127: End 1: 4: Carico mobile centrato -13.2847 11.2255 58.6731 -37.1847 43.8363 13.4714

Beam 127: End 2: 1: G1 16.8734 2.4238 -111.0865 -31.8793 -69.0363 -11.9522

Beam 127: End 2: 2: G2 2.6304 0.4029 -17.7056 -5.5235 -11.2679 -1.8333

Beam 127: End 2: 3: Vento Q5 0.5540 -0.0188 -1.6996 -0.0128 -0.0261 -0.3830

Beam 127: End 2: 4: Carico mobile centrato -13.2847 -2.0592 58.6731 21.4884 43.8363 13.4714

Beam 128: End 1: 1: G1 16.8734 2.4238 -111.0865 -31.8793 -69.0363 -11.9522

Beam 128: End 1: 2: G2 2.6304 0.4029 -17.7056 -5.5235 -11.2679 -1.8333

Beam 128: End 1: 3: Vento Q5 0.5540 -0.0188 -1.6996 -0.0128 -0.0261 -0.3830

Beam 128: End 1: 4: Carico mobile centrato -13.2847 -2.0592 58.6731 21.4884 43.8363 13.4714

Beam 128: End 2: 1: G1 16.8734 19.2973 -122.8585 -148.8518 -69.0363 -11.9522

Beam 128: End 2: 2: G2 2.6304 3.0333 -17.7056 -23.2291 -11.2679 -1.8333

Beam 128: End 2: 3: Vento Q5 0.5540 0.5352 -1.6996 -1.7124 -0.0261 -0.3830

Beam 128: End 2: 4: Carico mobile centrato -13.2847 -15.3439 58.6731 80.1615 43.8363 13.4714

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam 129: End 1: 1: G1 0.0000 0.0000 11.7720 -5.8860 0.0000 0.0000

Beam 129: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 129: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 129: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 129: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 129: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 129: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 129: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 130: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 130: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 130: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 130: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 130: End 2: 1: G1 21.3827 13.3641 0.0000 0.0000 0.0000 0.0000

Beam 130: End 2: 2: G2 3.1000 1.9375 0.0000 0.0000 0.0000 0.0000

Beam 130: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 130: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 131: End 1: 1: G1 -1.6846 2.8912 -14.6322 -10.2550 59.8301 -3.3574

Beam 131: End 1: 2: G2 -4.9411 2.0403 -2.0677 -2.0819 9.7956 -0.5148

Beam 131: End 1: 3: Vento Q5 -0.0171 0.0226 0.5145 -0.7653 0.0359 0.1067

Beam 131: End 1: 4: Carico mobile centrato -1.8696 1.0651 17.1493 2.3085 -35.4206 4.0383

Beam 131: End 2: 1: G1 -1.6846 1.2066 -14.6322 -24.8872 59.8301 -3.3574

Beam 131: End 2: 2: G2 -0.2911 -0.5758 -2.0677 -4.1496 9.7956 -0.5148

Beam 131: End 2: 3: Vento Q5 -0.0171 0.0055 0.5145 -0.2509 0.0359 0.1067

Beam 131: End 2: 4: Carico mobile centrato -1.8696 -0.8045 17.1493 19.4577 -35.4206 4.0383

Beam 132: End 1: 1: G1 -1.6846 1.2066 -14.6322 -24.8872 59.8301 -3.3574

Beam 132: End 1: 2: G2 -0.2911 -0.5758 -2.0677 -4.1496 9.7956 -0.5148

Beam 132: End 1: 3: Vento Q5 -0.0171 0.0055 0.5145 -0.2509 0.0359 0.1067

Beam 132: End 1: 4: Carico mobile centrato -1.8696 -0.8045 17.1493 19.4577 -35.4206 4.0383

Beam 132: End 2: 1: G1 -1.6846 -0.4779 -14.6322 -39.5194 59.8301 -3.3574

Beam 132: End 2: 2: G2 4.3589 1.4581 -2.0677 -6.2173 9.7956 -0.5148

Beam 132: End 2: 3: Vento Q5 -0.0171 -0.0116 0.5145 0.2636 0.0359 0.1067

Beam 132: End 2: 4: Carico mobile centrato -1.8696 -2.6740 17.1493 36.6070 -35.4206 4.0383

Beam 133: End 1: 1: G1 -0.0337 0.2328 -9.7319 4.6121 12.3518 -1.0003

Beam 133: End 1: 2: G2 -4.6589 1.5883 -1.4197 0.6833 1.9357 -0.1438

Beam 133: End 1: 3: Vento Q5 -0.0365 0.0412 0.8897 -1.0421 0.1250 0.1522

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Beam 133: End 1: 4: Carico mobile centrato 2.7877 -3.2319 -15.6934 28.4630 -16.1634 -3.7340

Beam 133: End 2: 1: G1 -0.0337 0.1991 -9.7319 -5.1198 12.3518 -1.0003

Beam 133: End 2: 2: G2 -0.0089 -0.7455 -1.4197 -0.7364 1.9357 -0.1438

Beam 133: End 2: 3: Vento Q5 -0.0365 0.0046 0.8897 -0.1523 0.1250 0.1522

Beam 133: End 2: 4: Carico mobile centrato 2.7877 -0.4442 -15.6934 12.7696 -16.1634 -3.7340

Beam 134: End 1: 1: G1 -0.0337 0.1991 -9.7319 -5.1198 12.3518 -1.0003

Beam 134: End 1: 2: G2 -0.0089 -0.7455 -1.4197 -0.7364 1.9357 -0.1438

Beam 134: End 1: 3: Vento Q5 -0.0365 0.0046 0.8897 -0.1523 0.1250 0.1522

Beam 134: End 1: 4: Carico mobile centrato 2.7877 -0.4442 -15.6934 12.7696 -16.1634 -3.7340

Beam 134: End 2: 1: G1 -0.0337 0.1654 -9.7319 -14.8517 12.3518 -1.0003

Beam 134: End 2: 2: G2 4.6411 1.5706 -1.4197 -2.1562 1.9357 -0.1438

Beam 134: End 2: 3: Vento Q5 -0.0365 -0.0319 0.8897 0.7374 0.1250 0.1522

Beam 134: End 2: 4: Carico mobile centrato 2.7877 2.3435 -15.6934 -2.9237 -16.1634 -3.7340

Beam 135: End 1: 1: G1 0.0000 0.1782 0.0000 -4.3189 9.4349 0.0000

Beam 135: End 1: 2: G2 -4.6500 1.5761 0.0000 -0.6046 1.4593 0.0000

Beam 135: End 1: 3: Vento Q5 -0.0381 0.0381 0.9998 -0.9998 0.0000 0.1663

Beam 135: End 1: 4: Carico mobile centrato 0.0000 0.8602 0.0000 -26.2787 25.0264 0.0000

Beam 135: End 2: 1: G1 0.0000 0.1782 0.0000 -4.3189 9.4349 0.0000

Beam 135: End 2: 2: G2 0.0000 -0.7489 0.0000 -0.6046 1.4593 0.0000

Beam 135: End 2: 3: Vento Q5 -0.0381 0.0000 0.9998 0.0000 0.0000 0.1663

Beam 135: End 2: 4: Carico mobile centrato 0.0000 0.8602 0.0000 -26.2787 25.0264 0.0000

Beam 136: End 1: 1: G1 0.0000 0.1782 0.0000 -4.3189 9.4349 0.0000

Beam 136: End 1: 2: G2 0.0000 -0.7489 0.0000 -0.6046 1.4593 0.0000

Beam 136: End 1: 3: Vento Q5 -0.0381 0.0000 0.9998 0.0000 0.0000 0.1663

Beam 136: End 1: 4: Carico mobile centrato 0.0000 0.8602 0.0000 -26.2787 25.0264 0.0000

Beam 136: End 2: 1: G1 0.0000 0.1782 0.0000 -4.3189 9.4349 0.0000

Beam 136: End 2: 2: G2 4.6500 1.5761 0.0000 -0.6046 1.4593 0.0000

Beam 136: End 2: 3: Vento Q5 -0.0381 -0.0381 0.9998 0.9998 0.0000 0.1663

Beam 136: End 2: 4: Carico mobile centrato 0.0000 0.8602 0.0000 -26.2787 25.0264 0.0000

Beam 137: End 1: 1: G1 0.0337 0.1654 9.7319 -14.8517 12.3518 1.0003

Beam 137: End 1: 2: G2 -4.6411 1.5706 1.4197 -2.1562 1.9357 0.1438

Beam 137: End 1: 3: Vento Q5 -0.0365 0.0319 0.8897 -0.7374 -0.1250 0.1522

Beam 137: End 1: 4: Carico mobile centrato -2.7877 2.3435 15.6934 -2.9237 -16.1634 3.7340

Beam 137: End 2: 1: G1 0.0337 0.1991 9.7319 -5.1198 12.3518 1.0003

Beam 137: End 2: 2: G2 0.0089 -0.7455 1.4197 -0.7364 1.9357 0.1438

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 137: End 2: 3: Vento Q5 -0.0365 -0.0046 0.8897 0.1523 -0.1250 0.1522

Beam 137: End 2: 4: Carico mobile centrato -2.7877 -0.4442 15.6934 12.7696 -16.1634 3.7340

Beam 138: End 1: 1: G1 0.0337 0.1991 9.7319 -5.1198 12.3518 1.0003

Beam 138: End 1: 2: G2 0.0089 -0.7455 1.4197 -0.7364 1.9357 0.1438

Beam 138: End 1: 3: Vento Q5 -0.0365 -0.0046 0.8897 0.1523 -0.1250 0.1522

Beam 138: End 1: 4: Carico mobile centrato -2.7877 -0.4442 15.6934 12.7696 -16.1634 3.7340

Beam 138: End 2: 1: G1 0.0337 0.2328 9.7319 4.6121 12.3518 1.0003

Beam 138: End 2: 2: G2 4.6589 1.5883 1.4197 0.6833 1.9357 0.1438

Beam 138: End 2: 3: Vento Q5 -0.0365 -0.0412 0.8897 1.0421 -0.1250 0.1522

Beam 138: End 2: 4: Carico mobile centrato -2.7877 -3.2319 15.6934 28.4630 -16.1634 3.7340

Beam 139: End 1: 1: G1 1.6846 -0.4779 14.6322 -39.5194 59.8301 3.3574

Beam 139: End 1: 2: G2 -4.3589 1.4581 2.0677 -6.2173 9.7956 0.5148

Beam 139: End 1: 3: Vento Q5 -0.0171 0.0116 0.5145 -0.2636 -0.0359 0.1067

Beam 139: End 1: 4: Carico mobile centrato 1.8696 -2.6740 -17.1493 36.6070 -35.4206 -4.0383

Beam 139: End 2: 1: G1 1.6846 1.2066 14.6322 -24.8872 59.8301 3.3574

Beam 139: End 2: 2: G2 0.2911 -0.5758 2.0677 -4.1496 9.7956 0.5148

Beam 139: End 2: 3: Vento Q5 -0.0171 -0.0055 0.5145 0.2509 -0.0359 0.1067

Beam 139: End 2: 4: Carico mobile centrato 1.8696 -0.8045 -17.1493 19.4577 -35.4206 -4.0383

Beam 140: End 1: 1: G1 1.6846 1.2066 14.6322 -24.8872 59.8301 3.3574

Beam 140: End 1: 2: G2 0.2911 -0.5758 2.0677 -4.1496 9.7956 0.5148

Beam 140: End 1: 3: Vento Q5 -0.0171 -0.0055 0.5145 0.2509 -0.0359 0.1067

Beam 140: End 1: 4: Carico mobile centrato 1.8696 -0.8045 -17.1493 19.4577 -35.4206 -4.0383

Beam 140: End 2: 1: G1 1.6846 2.8912 14.6322 -10.2550 59.8301 3.3574

Beam 140: End 2: 2: G2 4.9411 2.0403 2.0677 -2.0819 9.7956 0.5148

Beam 140: End 2: 3: Vento Q5 -0.0171 -0.0226 0.5145 0.7653 -0.0359 0.1067

Beam 140: End 2: 4: Carico mobile centrato 1.8696 1.0651 -17.1493 2.3085 -35.4206 -4.0383

Beam 141: End 1: 1: G1 -21.3827 34.7468 0.0000 0.0000 0.0000 0.0000

Beam 141: End 1: 2: G2 -7.7500 7.3625 0.0000 0.0000 0.0000 0.0000

Beam 141: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 141: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 141: End 2: 1: G1 -21.3827 13.3641 0.0000 0.0000 0.0000 0.0000

Beam 141: End 2: 2: G2 -3.1000 1.9375 0.0000 0.0000 0.0000 0.0000

Beam 141: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 141: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 142: End 1: 1: G1 1.0197 0.1512 -2.6938 -1.4262 8.0611 -1.7426

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 142: End 1: 2: G2 -2.5757 0.9707 -0.3766 -0.3135 1.3219 -0.2673

Beam 142: End 1: 3: Vento Q5 -0.0911 0.1017 0.0761 -0.1287 -0.0298 0.0550

Beam 142: End 1: 4: Carico mobile centrato -5.5766 4.6670 4.6649 -0.9760 -4.8483 2.2779

Beam 142: End 2: 1: G1 1.0197 1.1708 -2.6938 -4.1200 8.0611 -1.7426

Beam 142: End 2: 2: G2 0.1243 -0.2550 -0.3766 -0.6902 1.3219 -0.2673

Beam 142: End 2: 3: Vento Q5 -0.0911 0.0106 0.0761 -0.0526 -0.0298 0.0550

Beam 142: End 2: 4: Carico mobile centrato -5.5766 -0.9096 4.6649 3.6889 -4.8483 2.2779

Beam 143: End 1: 1: G1 1.0197 1.1708 -2.6938 -4.1200 8.0611 -1.7426

Beam 143: End 1: 2: G2 0.1243 -0.2550 -0.3766 -0.6902 1.3219 -0.2673

Beam 143: End 1: 3: Vento Q5 -0.0911 0.0106 0.0761 -0.0526 -0.0298 0.0550

Beam 143: End 1: 4: Carico mobile centrato -5.5766 -0.9096 4.6649 3.6889 -4.8483 2.2779

Beam 143: End 2: 1: G1 1.0197 2.1905 -2.6938 -6.8138 8.0611 -1.7426

Beam 143: End 2: 2: G2 2.8243 1.2193 -0.3766 -1.0668 1.3219 -0.2673

Beam 143: End 2: 3: Vento Q5 -0.0911 -0.0805 0.0761 0.0236 -0.0298 0.0550

Beam 143: End 2: 4: Carico mobile centrato -5.5766 -6.4862 4.6649 8.3538 -4.8483 2.2779

Beam 144: End 1: 1: G1 0.5657 -0.2938 -1.2004 -0.0147 5.7103 -0.5162

Beam 144: End 1: 2: G2 -2.6226 0.8628 -0.1637 -0.0159 0.9491 -0.0742

Beam 144: End 1: 3: Vento Q5 -0.1326 0.1388 0.1336 -0.1601 -0.0144 0.0783

Beam 144: End 1: 4: Carico mobile centrato 5.9968 -6.6124 -4.4927 7.2770 -3.2553 -2.1176

Beam 144: End 2: 1: G1 0.5657 0.2719 -1.2004 -1.2151 5.7103 -0.5162

Beam 144: End 2: 2: G2 0.0774 -0.4097 -0.1637 -0.1795 0.9491 -0.0742

Beam 144: End 2: 3: Vento Q5 -0.1326 0.0062 0.1336 -0.0265 -0.0144 0.0783

Beam 144: End 2: 4: Carico mobile centrato 5.9968 -0.6156 -4.4927 2.7843 -3.2553 -2.1176

Beam 145: End 1: 1: G1 0.5657 0.2719 -1.2004 -1.2151 5.7103 -0.5162

Beam 145: End 1: 2: G2 0.0774 -0.4097 -0.1637 -0.1795 0.9491 -0.0742

Beam 145: End 1: 3: Vento Q5 -0.1326 0.0062 0.1336 -0.0265 -0.0144 0.0783

Beam 145: End 1: 4: Carico mobile centrato 5.9968 -0.6156 -4.4927 2.7843 -3.2553 -2.1176

Beam 145: End 2: 1: G1 0.5657 0.8376 -1.2004 -2.4155 5.7103 -0.5162

Beam 145: End 2: 2: G2 2.7774 1.0177 -0.1637 -0.3432 0.9491 -0.0742

Beam 145: End 2: 3: Vento Q5 -0.1326 -0.1264 0.1336 0.1070 -0.0144 0.0783

Beam 145: End 2: 4: Carico mobile centrato 5.9968 5.3812 -4.4927 -1.7084 -3.2553 -2.1176

Beam 146: End 1: 1: G1 0.0000 0.2136 0.0000 -0.7984 3.9826 0.0000

Beam 146: End 1: 2: G2 -2.7000 0.9308 0.0000 -0.1121 0.6677 0.0000

Beam 146: End 1: 3: Vento Q5 -0.1424 0.1424 0.1577 -0.1577 0.0000 0.0855

Beam 146: End 1: 4: Carico mobile centrato 0.0000 1.2050 0.0000 -5.5025 0.3308 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 146: End 2: 1: G1 0.0000 0.2136 0.0000 -0.7984 3.9826 0.0000

Beam 146: End 2: 2: G2 0.0000 -0.4192 0.0000 -0.1121 0.6677 0.0000

Beam 146: End 2: 3: Vento Q5 -0.1424 0.0000 0.1577 0.0000 0.0000 0.0855

Beam 146: End 2: 4: Carico mobile centrato 0.0000 1.2050 0.0000 -5.5025 0.3308 0.0000

Beam 147: End 1: 1: G1 0.0000 0.2136 0.0000 -0.7984 3.9826 0.0000

Beam 147: End 1: 2: G2 0.0000 -0.4192 0.0000 -0.1121 0.6677 0.0000

Beam 147: End 1: 3: Vento Q5 -0.1424 0.0000 0.1577 0.0000 0.0000 0.0855

Beam 147: End 1: 4: Carico mobile centrato 0.0000 1.2050 0.0000 -5.5025 0.3308 0.0000

Beam 147: End 2: 1: G1 0.0000 0.2136 0.0000 -0.7984 3.9826 0.0000

Beam 147: End 2: 2: G2 2.7000 0.9308 0.0000 -0.1121 0.6677 0.0000

Beam 147: End 2: 3: Vento Q5 -0.1424 -0.1424 0.1577 0.1577 0.0000 0.0855

Beam 147: End 2: 4: Carico mobile centrato 0.0000 1.2050 0.0000 -5.5025 0.3308 0.0000

Beam 148: End 1: 1: G1 -0.5657 0.8376 1.2004 -2.4155 5.7103 0.5162

Beam 148: End 1: 2: G2 -2.7774 1.0177 0.1637 -0.3432 0.9491 0.0742

Beam 148: End 1: 3: Vento Q5 -0.1326 0.1264 0.1336 -0.1070 0.0144 0.0783

Beam 148: End 1: 4: Carico mobile centrato -5.9968 5.3812 4.4927 -1.7084 -3.2553 2.1176

Beam 148: End 2: 1: G1 -0.5657 0.2719 1.2004 -1.2151 5.7103 0.5162

Beam 148: End 2: 2: G2 -0.0774 -0.4097 0.1637 -0.1795 0.9491 0.0742

Beam 148: End 2: 3: Vento Q5 -0.1326 -0.0062 0.1336 0.0265 0.0144 0.0783

Beam 148: End 2: 4: Carico mobile centrato -5.9968 -0.6156 4.4927 2.7843 -3.2553 2.1176

Beam 149: End 1: 1: G1 -0.5657 0.2719 1.2004 -1.2151 5.7103 0.5162

Beam 149: End 1: 2: G2 -0.0774 -0.4097 0.1637 -0.1795 0.9491 0.0742

Beam 149: End 1: 3: Vento Q5 -0.1326 -0.0062 0.1336 0.0265 0.0144 0.0783

Beam 149: End 1: 4: Carico mobile centrato -5.9968 -0.6156 4.4927 2.7843 -3.2553 2.1176

Beam 149: End 2: 1: G1 -0.5657 -0.2938 1.2004 -0.0147 5.7103 0.5162

Beam 149: End 2: 2: G2 2.6226 0.8628 0.1637 -0.0159 0.9491 0.0742

Beam 149: End 2: 3: Vento Q5 -0.1326 -0.1388 0.1336 0.1601 0.0144 0.0783

Beam 149: End 2: 4: Carico mobile centrato -5.9968 -6.6124 4.4927 7.2770 -3.2553 2.1176

Beam 150: End 1: 1: G1 -1.0197 2.1905 2.6938 -6.8138 8.0611 1.7426

Beam 150: End 1: 2: G2 -2.8243 1.2193 0.3766 -1.0668 1.3219 0.2673

Beam 150: End 1: 3: Vento Q5 -0.0911 0.0805 0.0761 -0.0236 0.0298 0.0550

Beam 150: End 1: 4: Carico mobile centrato 5.5766 -6.4862 -4.6649 8.3538 -4.8483 -2.2779

Beam 150: End 2: 1: G1 -1.0197 1.1708 2.6938 -4.1200 8.0611 1.7426

Beam 150: End 2: 2: G2 -0.1243 -0.2550 0.3766 -0.6902 1.3219 0.2673

Beam 150: End 2: 3: Vento Q5 -0.0911 -0.0106 0.0761 0.0526 0.0298 0.0550

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 150: End 2: 4: Carico mobile centrato 5.5766 -0.9096 -4.6649 3.6889 -4.8483 -2.2779

Beam 151: End 1: 1: G1 -1.0197 1.1708 2.6938 -4.1200 8.0611 1.7426

Beam 151: End 1: 2: G2 -0.1243 -0.2550 0.3766 -0.6902 1.3219 0.2673

Beam 151: End 1: 3: Vento Q5 -0.0911 -0.0106 0.0761 0.0526 0.0298 0.0550

Beam 151: End 1: 4: Carico mobile centrato 5.5766 -0.9096 -4.6649 3.6889 -4.8483 -2.2779

Beam 151: End 2: 1: G1 -1.0197 0.1512 2.6938 -1.4262 8.0611 1.7426

Beam 151: End 2: 2: G2 2.5757 0.9707 0.3766 -0.3135 1.3219 0.2673

Beam 151: End 2: 3: Vento Q5 -0.0911 -0.1017 0.0761 0.1287 0.0298 0.0550

Beam 151: End 2: 4: Carico mobile centrato 5.5766 4.6670 -4.6649 -0.9760 -4.8483 -2.2779

Beam 152: End 1: 1: G1 3.6891 -0.8598 -8.6197 -5.3671 3.7836 -2.7578

Beam 152: End 1: 2: G2 -4.0099 1.4829 -1.2292 -1.1234 0.6533 -0.4234

Beam 152: End 1: 3: Vento Q5 -0.2439 0.2758 0.1479 -0.3779 -0.0013 0.0875

Beam 152: End 1: 4: Carico mobile centrato -16.3659 13.9353 24.9297 -8.9013 -3.5381 4.1249

Beam 152: End 2: 1: G1 3.6891 2.8293 -8.6197 -13.9868 3.7836 -2.7578

Beam 152: End 2: 2: G2 0.4901 -0.2770 -1.2292 -2.3526 0.6533 -0.4234

Beam 152: End 2: 3: Vento Q5 -0.2439 0.0319 0.1479 -0.2300 -0.0013 0.0875

Beam 152: End 2: 4: Carico mobile centrato -16.3659 -2.4306 24.9297 16.0284 -3.5381 4.1249

Beam 153: End 1: 1: G1 3.6891 2.8293 -8.6197 -13.9868 3.7836 -2.7578

Beam 153: End 1: 2: G2 0.4901 -0.2770 -1.2292 -2.3526 0.6533 -0.4234

Beam 153: End 1: 3: Vento Q5 -0.2439 0.0319 0.1479 -0.2300 -0.0013 0.0875

Beam 153: End 1: 4: Carico mobile centrato -16.3659 -2.4306 24.9297 16.0284 -3.5381 4.1249

Beam 153: End 2: 1: G1 3.6891 6.5184 -8.6197 -22.6064 3.7836 -2.7578

Beam 153: End 2: 2: G2 4.9901 2.4632 -1.2292 -3.5818 0.6533 -0.4234

Beam 153: End 2: 3: Vento Q5 -0.2439 -0.2120 0.1479 -0.0822 -0.0013 0.0875

Beam 153: End 2: 4: Carico mobile centrato -16.3659 -18.7965 24.9297 40.9582 -3.5381 4.1249

Beam 154: End 1: 1: G1 1.5303 -0.7698 -1.3484 -4.8158 5.9861 -0.8381

Beam 154: End 1: 2: G2 -4.2888 1.4014 -0.1194 -0.8072 1.0264 -0.1206

Beam 154: End 1: 3: Vento Q5 -0.3447 0.3619 0.3172 -0.4332 -0.0153 0.1247

Beam 154: End 1: 4: Carico mobile centrato 17.0172 -18.7695 -27.3184 39.7911 -3.7200 -3.8600

Beam 154: End 2: 1: G1 1.5303 0.7605 -1.3484 -6.1641 5.9861 -0.8381

Beam 154: End 2: 2: G2 0.2112 -0.6374 -0.1194 -0.9266 1.0264 -0.1206

Beam 154: End 2: 3: Vento Q5 -0.3447 0.0172 0.3172 -0.1161 -0.0153 0.1247

Beam 154: End 2: 4: Carico mobile centrato 17.0172 -1.7523 -27.3184 12.4727 -3.7200 -3.8600

Beam 155: End 1: 1: G1 1.5303 0.7605 -1.3484 -6.1641 5.9861 -0.8381

Beam 155: End 1: 2: G2 0.2112 -0.6374 -0.1194 -0.9266 1.0264 -0.1206

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 155: End 1: 3: Vento Q5 -0.3447 0.0172 0.3172 -0.1161 -0.0153 0.1247

Beam 155: End 1: 4: Carico mobile centrato 17.0172 -1.7523 -27.3184 12.4727 -3.7200 -3.8600

Beam 155: End 2: 1: G1 1.5303 2.2908 -1.3484 -7.5125 5.9861 -0.8381

Beam 155: End 2: 2: G2 4.7112 1.8238 -0.1194 -1.0459 1.0264 -0.1206

Beam 155: End 2: 3: Vento Q5 -0.3447 -0.3275 0.3172 0.2011 -0.0153 0.1247

Beam 155: End 2: 4: Carico mobile centrato 17.0172 15.2650 -27.3184 -14.8457 -3.7200 -3.8600

Beam 156: End 1: 1: G1 0.0000 0.5576 0.0000 -3.8131 5.2504 0.0000

Beam 156: End 1: 2: G2 -4.5000 1.5798 0.0000 -0.5400 0.9101 0.0000

Beam 156: End 1: 3: Vento Q5 -0.3697 0.3697 0.3878 -0.3878 0.0000 0.1362

Beam 156: End 1: 4: Carico mobile centrato 0.0000 3.4528 0.0000 -23.9380 0.5605 0.0000

Beam 156: End 2: 1: G1 0.0000 0.5576 0.0000 -3.8131 5.2504 0.0000

Beam 156: End 2: 2: G2 0.0000 -0.6702 0.0000 -0.5400 0.9101 0.0000

Beam 156: End 2: 3: Vento Q5 -0.3697 0.0000 0.3878 0.0000 0.0000 0.1362

Beam 156: End 2: 4: Carico mobile centrato 0.0000 3.4528 0.0000 -23.9380 0.5605 0.0000

Beam 157: End 1: 1: G1 0.0000 0.5576 0.0000 -3.8131 5.2504 0.0000

Beam 157: End 1: 2: G2 0.0000 -0.6702 0.0000 -0.5400 0.9101 0.0000

Beam 157: End 1: 3: Vento Q5 -0.3697 0.0000 0.3878 0.0000 0.0000 0.1362

Beam 157: End 1: 4: Carico mobile centrato 0.0000 3.4528 0.0000 -23.9380 0.5605 0.0000

Beam 157: End 2: 1: G1 0.0000 0.5576 0.0000 -3.8131 5.2504 0.0000

Beam 157: End 2: 2: G2 4.5000 1.5798 0.0000 -0.5400 0.9101 0.0000

Beam 157: End 2: 3: Vento Q5 -0.3697 -0.3697 0.3878 0.3878 0.0000 0.1362

Beam 157: End 2: 4: Carico mobile centrato 0.0000 3.4528 0.0000 -23.9380 0.5605 0.0000

Beam 158: End 1: 1: G1 -1.5303 2.2908 1.3484 -7.5125 5.9861 0.8381

Beam 158: End 1: 2: G2 -4.7112 1.8238 0.1194 -1.0459 1.0264 0.1206

Beam 158: End 1: 3: Vento Q5 -0.3447 0.3275 0.3172 -0.2011 0.0153 0.1247

Beam 158: End 1: 4: Carico mobile centrato -17.0172 15.2650 27.3184 -14.8457 -3.7200 3.8600

Beam 158: End 2: 1: G1 -1.5303 0.7605 1.3484 -6.1641 5.9861 0.8381

Beam 158: End 2: 2: G2 -0.2112 -0.6374 0.1194 -0.9266 1.0264 0.1206

Beam 158: End 2: 3: Vento Q5 -0.3447 -0.0172 0.3172 0.1161 0.0153 0.1247

Beam 158: End 2: 4: Carico mobile centrato -17.0172 -1.7523 27.3184 12.4727 -3.7200 3.8600

Beam 159: End 1: 1: G1 -1.5303 0.7605 1.3484 -6.1641 5.9861 0.8381

Beam 159: End 1: 2: G2 -0.2112 -0.6374 0.1194 -0.9266 1.0264 0.1206

Beam 159: End 1: 3: Vento Q5 -0.3447 -0.0172 0.3172 0.1161 0.0153 0.1247

Beam 159: End 1: 4: Carico mobile centrato -17.0172 -1.7523 27.3184 12.4727 -3.7200 3.8600

Beam 159: End 2: 1: G1 -1.5303 -0.7698 1.3484 -4.8158 5.9861 0.8381

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 159: End 2: 2: G2 4.2888 1.4014 0.1194 -0.8072 1.0264 0.1206

Beam 159: End 2: 3: Vento Q5 -0.3447 -0.3619 0.3172 0.4332 0.0153 0.1247

Beam 159: End 2: 4: Carico mobile centrato -17.0172 -18.7695 27.3184 39.7911 -3.7200 3.8600

Beam 160: End 1: 1: G1 -3.6891 6.5184 8.6197 -22.6064 3.7836 2.7578

Beam 160: End 1: 2: G2 -4.9901 2.4632 1.2292 -3.5818 0.6533 0.4234

Beam 160: End 1: 3: Vento Q5 -0.2439 0.2120 0.1479 0.0822 0.0013 0.0875

Beam 160: End 1: 4: Carico mobile centrato 16.3659 -18.7965 -24.9297 40.9582 -3.5381 -4.1249

Beam 160: End 2: 1: G1 -3.6891 2.8293 8.6197 -13.9868 3.7836 2.7578

Beam 160: End 2: 2: G2 -0.4901 -0.2770 1.2292 -2.3526 0.6533 0.4234

Beam 160: End 2: 3: Vento Q5 -0.2439 -0.0319 0.1479 0.2300 0.0013 0.0875

Beam 160: End 2: 4: Carico mobile centrato 16.3659 -2.4306 -24.9297 16.0284 -3.5381 -4.1249

Beam 161: End 1: 1: G1 -3.6891 2.8293 8.6197 -13.9868 3.7836 2.7578

Beam 161: End 1: 2: G2 -0.4901 -0.2770 1.2292 -2.3526 0.6533 0.4234

Beam 161: End 1: 3: Vento Q5 -0.2439 -0.0319 0.1479 0.2300 0.0013 0.0875

Beam 161: End 1: 4: Carico mobile centrato 16.3659 -2.4306 -24.9297 16.0284 -3.5381 -4.1249

Beam 161: End 2: 1: G1 -3.6891 -0.8598 8.6197 -5.3671 3.7836 2.7578

Beam 161: End 2: 2: G2 4.0099 1.4829 1.2292 -1.1234 0.6533 0.4234

Beam 161: End 2: 3: Vento Q5 -0.2439 -0.2758 0.1479 0.3779 0.0013 0.0875

Beam 161: End 2: 4: Carico mobile centrato 16.3659 13.9353 -24.9297 -8.9013 -3.5381 -4.1249

Beam 162: End 1: 1: G1 5.5065 -1.8073 -6.3986 -3.0044 1.5966 -2.0967

Beam 162: End 1: 2: G2 -3.7514 1.3712 -0.9436 -0.6429 0.3074 -0.3223

Beam 162: End 1: 3: Vento Q5 -0.3283 0.3760 0.0668 -0.2476 0.0178 0.0671

Beam 162: End 1: 4: Carico mobile centrato -25.1779 21.6516 31.6870 -17.8397 -1.5750 3.8720

Beam 162: End 2: 1: G1 5.5065 3.6992 -6.3986 -9.4030 1.5966 -2.0967

Beam 162: End 2: 2: G2 0.7486 -0.1302 -0.9436 -1.5865 0.3074 -0.3223

Beam 162: End 2: 3: Vento Q5 -0.3283 0.0477 0.0668 -0.1808 0.0178 0.0671

Beam 162: End 2: 4: Carico mobile centrato -25.1779 -3.5264 31.6870 13.8472 -1.5750 3.8720

Beam 163: End 1: 1: G1 5.5065 3.6992 -6.3986 -9.4030 1.5966 -2.0967

Beam 163: End 1: 2: G2 0.7486 -0.1302 -0.9436 -1.5865 0.3074 -0.3223

Beam 163: End 1: 3: Vento Q5 -0.3283 0.0477 0.0668 -0.1808 0.0178 0.0671

Beam 163: End 1: 4: Carico mobile centrato -25.1779 -3.5264 31.6870 13.8472 -1.5750 3.8720

Beam 163: End 2: 1: G1 5.5065 9.2056 -6.3986 -15.8016 1.5966 -2.0967

Beam 163: End 2: 2: G2 5.2486 2.8684 -0.9436 -2.5301 0.3074 -0.3223

Beam 163: End 2: 3: Vento Q5 -0.3283 -0.2806 0.0668 -0.1139 0.0178 0.0671

Beam 163: End 2: 4: Carico mobile centrato -25.1779 -28.7043 31.6870 45.5342 -1.5750 3.8720

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 164: End 1: 1: G1 2.0039 -0.8758 -0.7019 -4.2577 1.3604 -0.6583

Beam 164: End 1: 2: G2 -4.2239 1.3914 -0.0458 -0.7028 0.2867 -0.0948

Beam 164: End 1: 3: Vento Q5 -0.4577 0.4826 0.1790 -0.2697 -0.0089 0.0958

Beam 164: End 1: 4: Carico mobile centrato 25.8547 -28.4807 -34.7402 45.7739 -1.5223 -3.6584

Beam 164: End 2: 1: G1 2.0039 1.1282 -0.7019 -4.9596 1.3604 -0.6583

Beam 164: End 2: 2: G2 0.2761 -0.5825 -0.0458 -0.7486 0.2867 -0.0948

Beam 164: End 2: 3: Vento Q5 -0.4577 0.0249 0.1790 -0.0906 -0.0089 0.0958

Beam 164: End 2: 4: Carico mobile centrato 25.8547 -2.6260 -34.7402 11.0337 -1.5223 -3.6584

Beam 165: End 1: 1: G1 2.0039 1.1282 -0.7019 -4.9596 1.3604 -0.6583

Beam 165: End 1: 2: G2 0.2761 -0.5825 -0.0458 -0.7486 0.2867 -0.0948

Beam 165: End 1: 3: Vento Q5 -0.4577 0.0249 0.1790 -0.0906 -0.0089 0.0958

Beam 165: End 1: 4: Carico mobile centrato 25.8547 -2.6260 -34.7402 11.0337 -1.5223 -3.6584

Beam 165: End 2: 1: G1 2.0039 3.1321 -0.7019 -5.6614 1.3604 -0.6583

Beam 165: End 2: 2: G2 4.7761 1.9436 -0.0458 -0.7944 0.2867 -0.0948

Beam 165: End 2: 3: Vento Q5 -0.4577 -0.4329 0.1790 0.0884 -0.0089 0.0958

Beam 165: End 2: 4: Carico mobile centrato 25.8547 23.2286 -34.7402 -23.7066 -1.5223 -3.6584

Beam 166: End 1: 1: G1 0.0000 0.7804 0.0000 -3.1823 1.3079 0.0000

Beam 166: End 1: 2: G2 -4.5000 1.6110 0.0000 -0.4548 0.2916 0.0000

Beam 166: End 1: 3: Vento Q5 -0.4903 0.4903 0.2254 -0.2254 0.0000 0.1047

Beam 166: End 1: 4: Carico mobile centrato 0.0000 5.1873 0.0000 -20.9654 3.4896 0.0000

Beam 166: End 2: 1: G1 0.0000 0.7804 0.0000 -3.1823 1.3079 0.0000

Beam 166: End 2: 2: G2 0.0000 -0.6390 0.0000 -0.4548 0.2916 0.0000

Beam 166: End 2: 3: Vento Q5 -0.4903 0.0000 0.2254 0.0000 0.0000 0.1047

Beam 166: End 2: 4: Carico mobile centrato 0.0000 5.1873 0.0000 -20.9654 3.4896 0.0000

Beam 167: End 1: 1: G1 0.0000 0.7804 0.0000 -3.1823 1.3079 0.0000

Beam 167: End 1: 2: G2 0.0000 -0.6390 0.0000 -0.4548 0.2916 0.0000

Beam 167: End 1: 3: Vento Q5 -0.4903 0.0000 0.2254 0.0000 0.0000 0.1047

Beam 167: End 1: 4: Carico mobile centrato 0.0000 5.1873 0.0000 -20.9654 3.4896 0.0000

Beam 167: End 2: 1: G1 0.0000 0.7804 0.0000 -3.1823 1.3079 0.0000

Beam 167: End 2: 2: G2 4.5000 1.6110 0.0000 -0.4548 0.2916 0.0000

Beam 167: End 2: 3: Vento Q5 -0.4903 -0.4903 0.2254 0.2254 0.0000 0.1047

Beam 167: End 2: 4: Carico mobile centrato 0.0000 5.1873 0.0000 -20.9654 3.4896 0.0000

Beam 168: End 1: 1: G1 -2.0039 3.1321 0.7019 -5.6614 1.3604 0.6583

Beam 168: End 1: 2: G2 -4.7761 1.9436 0.0458 -0.7944 0.2867 0.0948

Beam 168: End 1: 3: Vento Q5 -0.4577 0.4329 0.1790 -0.0884 0.0089 0.0958

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 168: End 1: 4: Carico mobile centrato -25.8547 23.2286 34.7402 -23.7066 -1.5223 3.6584

Beam 168: End 2: 1: G1 -2.0039 1.1282 0.7019 -4.9596 1.3604 0.6583

Beam 168: End 2: 2: G2 -0.2761 -0.5825 0.0458 -0.7486 0.2867 0.0948

Beam 168: End 2: 3: Vento Q5 -0.4577 -0.0249 0.1790 0.0906 0.0089 0.0958

Beam 168: End 2: 4: Carico mobile centrato -25.8547 -2.6260 34.7402 11.0337 -1.5223 3.6584

Beam 169: End 1: 1: G1 -2.0039 1.1282 0.7019 -4.9596 1.3604 0.6583

Beam 169: End 1: 2: G2 -0.2761 -0.5825 0.0458 -0.7486 0.2867 0.0948

Beam 169: End 1: 3: Vento Q5 -0.4577 -0.0249 0.1790 0.0906 0.0089 0.0958

Beam 169: End 1: 4: Carico mobile centrato -25.8547 -2.6260 34.7402 11.0337 -1.5223 3.6584

Beam 169: End 2: 1: G1 -2.0039 -0.8758 0.7019 -4.2577 1.3604 0.6583

Beam 169: End 2: 2: G2 4.2239 1.3914 0.0458 -0.7028 0.2867 0.0948

Beam 169: End 2: 3: Vento Q5 -0.4577 -0.4826 0.1790 0.2697 0.0089 0.0958

Beam 169: End 2: 4: Carico mobile centrato -25.8547 -28.4807 34.7402 45.7739 -1.5223 3.6584

Beam 170: End 1: 1: G1 -5.5065 9.2056 6.3986 -15.8016 1.5966 2.0967

Beam 170: End 1: 2: G2 -5.2486 2.8684 0.9436 -2.5301 0.3074 0.3223

Beam 170: End 1: 3: Vento Q5 -0.3283 0.2806 0.0668 0.1139 -0.0178 0.0671

Beam 170: End 1: 4: Carico mobile centrato 25.1779 -28.7043 -31.6870 45.5342 -1.5750 -3.8720

Beam 170: End 2: 1: G1 -5.5065 3.6992 6.3986 -9.4030 1.5966 2.0967

Beam 170: End 2: 2: G2 -0.7486 -0.1302 0.9436 -1.5865 0.3074 0.3223

Beam 170: End 2: 3: Vento Q5 -0.3283 -0.0477 0.0668 0.1808 -0.0178 0.0671

Beam 170: End 2: 4: Carico mobile centrato 25.1779 -3.5264 -31.6870 13.8472 -1.5750 -3.8720

Beam 171: End 1: 1: G1 -5.5065 3.6992 6.3986 -9.4030 1.5966 2.0967

Beam 171: End 1: 2: G2 -0.7486 -0.1302 0.9436 -1.5865 0.3074 0.3223

Beam 171: End 1: 3: Vento Q5 -0.3283 -0.0477 0.0668 0.1808 -0.0178 0.0671

Beam 171: End 1: 4: Carico mobile centrato 25.1779 -3.5264 -31.6870 13.8472 -1.5750 -3.8720

Beam 171: End 2: 1: G1 -5.5065 -1.8073 6.3986 -3.0044 1.5966 2.0967

Beam 171: End 2: 2: G2 3.7514 1.3712 0.9436 -0.6429 0.3074 0.3223

Beam 171: End 2: 3: Vento Q5 -0.3283 -0.3760 0.0668 0.2476 -0.0178 0.0671

Beam 171: End 2: 4: Carico mobile centrato 25.1779 21.6516 -31.6870 -17.8397 -1.5750 -3.8720

Beam 172: End 1: 1: G1 6.8255 -2.5651 -3.7098 -1.7870 0.7732 -1.3026

Beam 172: End 1: 2: G2 -3.5610 1.2756 -0.5690 -0.3594 0.1747 -0.2004

Beam 172: End 1: 3: Vento Q5 -0.3874 0.4464 0.0320 -0.1459 0.0167 0.0421

Beam 172: End 1: 4: Carico mobile centrato -32.9639 28.6022 25.9330 -16.2339 2.5583 2.8000

Beam 172: End 2: 1: G1 6.8255 4.2604 -3.7098 -5.4968 0.7732 -1.3026

Beam 172: End 2: 2: G2 0.9390 -0.0354 -0.5690 -0.9284 0.1747 -0.2004

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 172: End 2: 3: Vento Q5 -0.3874 0.0589 0.0320 -0.1139 0.0167 0.0421

Beam 172: End 2: 4: Carico mobile centrato -32.9639 -4.3618 25.9330 9.6991 2.5583 2.8000

Beam 173: End 1: 1: G1 6.8255 4.2604 -3.7098 -5.4968 0.7732 -1.3026

Beam 173: End 1: 2: G2 0.9390 -0.0354 -0.5690 -0.9284 0.1747 -0.2004

Beam 173: End 1: 3: Vento Q5 -0.3874 0.0589 0.0320 -0.1139 0.0167 0.0421

Beam 173: End 1: 4: Carico mobile centrato -32.9639 -4.3618 25.9330 9.6991 2.5583 2.8000

Beam 173: End 2: 1: G1 6.8255 11.0859 -3.7098 -9.2066 0.7732 -1.3026

Beam 173: End 2: 2: G2 5.4390 3.1536 -0.5690 -1.4973 0.1747 -0.2004

Beam 173: End 2: 3: Vento Q5 -0.3874 -0.3285 0.0320 -0.0819 0.0167 0.0421

Beam 173: End 2: 4: Carico mobile centrato -32.9639 -37.3257 25.9330 35.6321 2.5583 2.8000

Beam 174: End 1: 1: G1 2.3257 -0.9284 -0.3907 -2.7281 -1.6223 -0.4200

Beam 174: End 1: 2: G2 -4.1804 1.3882 -0.0307 -0.4403 -0.1895 -0.0605

Beam 174: End 1: 3: Vento Q5 -0.5371 0.5674 0.0917 -0.1493 -0.0121 0.0601

Beam 174: End 1: 4: Carico mobile centrato 33.6362 -36.9352 -28.4764 36.2307 2.3475 -2.6590

Beam 174: End 2: 1: G1 2.3257 1.3973 -0.3907 -3.1188 -1.6223 -0.4200

Beam 174: End 2: 2: G2 0.3196 -0.5422 -0.0307 -0.4710 -0.1895 -0.0605

Beam 174: End 2: 3: Vento Q5 -0.5371 0.0303 0.0917 -0.0576 -0.0121 0.0601

Beam 174: End 2: 4: Carico mobile centrato 33.6362 -3.2990 -28.4764 7.7543 2.3475 -2.6590

Beam 175: End 1: 1: G1 2.3257 1.3973 -0.3907 -3.1188 -1.6223 -0.4200

Beam 175: End 1: 2: G2 0.3196 -0.5422 -0.0307 -0.4710 -0.1895 -0.0605

Beam 175: End 1: 3: Vento Q5 -0.5371 0.0303 0.0917 -0.0576 -0.0121 0.0601

Beam 175: End 1: 4: Carico mobile centrato 33.6362 -3.2990 -28.4764 7.7543 2.3475 -2.6590

Beam 175: End 2: 1: G1 2.3257 3.7231 -0.3907 -3.5095 -1.6223 -0.4200

Beam 175: End 2: 2: G2 4.8196 2.0274 -0.0307 -0.5016 -0.1895 -0.0605

Beam 175: End 2: 3: Vento Q5 -0.5371 -0.5068 0.0917 0.0342 -0.0121 0.0601

Beam 175: End 2: 4: Carico mobile centrato 33.6362 30.3372 -28.4764 -20.7222 2.3475 -2.6590

Beam 176: End 1: 1: G1 0.0000 0.9434 0.0000 -2.0770 -2.0965 0.0000

Beam 176: End 1: 2: G2 -4.5000 1.6339 0.0000 -0.2982 -0.2459 0.0000

Beam 176: End 1: 3: Vento Q5 -0.5750 0.5750 0.1155 -0.1155 0.0000 0.0657

Beam 176: End 1: 4: Carico mobile centrato 0.0000 6.5265 0.0000 -14.6550 3.1448 0.0000

Beam 176: End 2: 1: G1 0.0000 0.9434 0.0000 -2.0770 -2.0965 0.0000

Beam 176: End 2: 2: G2 0.0000 -0.6161 0.0000 -0.2982 -0.2459 0.0000

Beam 176: End 2: 3: Vento Q5 -0.5750 0.0000 0.1155 0.0000 0.0000 0.0657

Beam 176: End 2: 4: Carico mobile centrato 0.0000 6.5265 0.0000 -14.6550 3.1448 0.0000

Beam 177: End 1: 1: G1 0.0000 0.9434 0.0000 -2.0770 -2.0965 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 177: End 1: 2: G2 0.0000 -0.6161 0.0000 -0.2982 -0.2459 0.0000

Beam 177: End 1: 3: Vento Q5 -0.5750 0.0000 0.1155 0.0000 0.0000 0.0657

Beam 177: End 1: 4: Carico mobile centrato 0.0000 6.5265 0.0000 -14.6550 3.1448 0.0000

Beam 177: End 2: 1: G1 0.0000 0.9434 0.0000 -2.0770 -2.0965 0.0000

Beam 177: End 2: 2: G2 4.5000 1.6339 0.0000 -0.2982 -0.2459 0.0000

Beam 177: End 2: 3: Vento Q5 -0.5750 -0.5750 0.1155 0.1155 0.0000 0.0657

Beam 177: End 2: 4: Carico mobile centrato 0.0000 6.5265 0.0000 -14.6550 3.1448 0.0000

Beam 178: End 1: 1: G1 -2.3257 3.7231 0.3907 -3.5095 -1.6223 0.4200

Beam 178: End 1: 2: G2 -4.8196 2.0274 0.0307 -0.5016 -0.1895 0.0605

Beam 178: End 1: 3: Vento Q5 -0.5371 0.5068 0.0917 -0.0342 0.0121 0.0601

Beam 178: End 1: 4: Carico mobile centrato -33.6362 30.3372 28.4764 -20.7222 2.3475 2.6590

Beam 178: End 2: 1: G1 -2.3257 1.3973 0.3907 -3.1188 -1.6223 0.4200

Beam 178: End 2: 2: G2 -0.3196 -0.5422 0.0307 -0.4710 -0.1895 0.0605

Beam 178: End 2: 3: Vento Q5 -0.5371 -0.0303 0.0917 0.0576 0.0121 0.0601

Beam 178: End 2: 4: Carico mobile centrato -33.6362 -3.2990 28.4764 7.7543 2.3475 2.6590

Beam 179: End 1: 1: G1 -2.3257 1.3973 0.3907 -3.1188 -1.6223 0.4200

Beam 179: End 1: 2: G2 -0.3196 -0.5422 0.0307 -0.4710 -0.1895 0.0605

Beam 179: End 1: 3: Vento Q5 -0.5371 -0.0303 0.0917 0.0576 0.0121 0.0601

Beam 179: End 1: 4: Carico mobile centrato -33.6362 -3.2990 28.4764 7.7543 2.3475 2.6590

Beam 179: End 2: 1: G1 -2.3257 -0.9284 0.3907 -2.7281 -1.6223 0.4200

Beam 179: End 2: 2: G2 4.1804 1.3882 0.0307 -0.4403 -0.1895 0.0605

Beam 179: End 2: 3: Vento Q5 -0.5371 -0.5674 0.0917 0.1493 0.0121 0.0601

Beam 179: End 2: 4: Carico mobile centrato -33.6362 -36.9352 28.4764 36.2307 2.3475 2.6590

Beam 180: End 1: 1: G1 -6.8255 11.0859 3.7098 -9.2066 0.7732 1.3026

Beam 180: End 1: 2: G2 -5.4390 3.1536 0.5690 -1.4973 0.1747 0.2004

Beam 180: End 1: 3: Vento Q5 -0.3874 0.3285 0.0320 0.0819 -0.0167 0.0421

Beam 180: End 1: 4: Carico mobile centrato 32.9639 -37.3257 -25.9330 35.6321 2.5583 -2.8000

Beam 180: End 2: 1: G1 -6.8255 4.2604 3.7098 -5.4968 0.7732 1.3026

Beam 180: End 2: 2: G2 -0.9390 -0.0354 0.5690 -0.9284 0.1747 0.2004

Beam 180: End 2: 3: Vento Q5 -0.3874 -0.0589 0.0320 0.1139 -0.0167 0.0421

Beam 180: End 2: 4: Carico mobile centrato 32.9639 -4.3618 -25.9330 9.6991 2.5583 -2.8000

Beam 181: End 1: 1: G1 -6.8255 4.2604 3.7098 -5.4968 0.7732 1.3026

Beam 181: End 1: 2: G2 -0.9390 -0.0354 0.5690 -0.9284 0.1747 0.2004

Beam 181: End 1: 3: Vento Q5 -0.3874 -0.0589 0.0320 0.1139 -0.0167 0.0421

Beam 181: End 1: 4: Carico mobile centrato 32.9639 -4.3618 -25.9330 9.6991 2.5583 -2.8000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 181: End 2: 1: G1 -6.8255 -2.5651 3.7098 -1.7870 0.7732 1.3026

Beam 181: End 2: 2: G2 3.5610 1.2756 0.5690 -0.3594 0.1747 0.2004

Beam 181: End 2: 3: Vento Q5 -0.3874 -0.4464 0.0320 0.1459 -0.0167 0.0421

Beam 181: End 2: 4: Carico mobile centrato 32.9639 28.6022 -25.9330 -16.2339 2.5583 -2.8000

Beam 182: End 1: 1: G1 7.5041 -2.9683 -0.5055 -1.3184 0.3283 -0.4395

Beam 182: End 1: 2: G2 -3.4620 1.2232 -0.1063 -0.2012 0.1041 -0.0678

Beam 182: End 1: 3: Vento Q5 -0.4180 0.4828 0.0154 -0.0545 0.0151 0.0144

Beam 182: End 1: 4: Carico mobile centrato -37.3189 32.4937 5.9887 -2.3361 6.0694 0.9442

Beam 182: End 2: 1: G1 7.5041 4.5358 -0.5055 -1.8239 0.3283 -0.4395

Beam 182: End 2: 2: G2 1.0380 0.0112 -0.1063 -0.3075 0.1041 -0.0678

Beam 182: End 2: 3: Vento Q5 -0.4180 0.0647 0.0154 -0.0390 0.0151 0.0144

Beam 182: End 2: 4: Carico mobile centrato -37.3189 -4.8252 5.9887 3.6526 6.0694 0.9442

Beam 183: End 1: 1: G1 7.5041 4.5358 -0.5055 -1.8239 0.3283 -0.4395

Beam 183: End 1: 2: G2 1.0380 0.0112 -0.1063 -0.3075 0.1041 -0.0678

Beam 183: End 1: 3: Vento Q5 -0.4180 0.0647 0.0154 -0.0390 0.0151 0.0144

Beam 183: End 1: 4: Carico mobile centrato -37.3189 -4.8252 5.9887 3.6526 6.0694 0.9442

Beam 183: End 2: 1: G1 7.5041 12.0399 -0.5055 -2.3294 0.3283 -0.4395

Beam 183: End 2: 2: G2 5.5380 3.2992 -0.1063 -0.4137 0.1041 -0.0678

Beam 183: End 2: 3: Vento Q5 -0.4180 -0.3533 0.0154 -0.0236 0.0151 0.0144

Beam 183: End 2: 4: Carico mobile centrato -37.3189 -42.1441 5.9887 9.6413 6.0694 0.9442

Beam 184: End 1: 1: G1 2.4871 -0.9483 0.4223 -1.4925 -3.0113 -0.1447

Beam 184: End 1: 2: G2 -4.1589 1.3878 0.0604 -0.2215 -0.4084 -0.0208

Beam 184: End 1: 3: Vento Q5 -0.5776 0.6108 0.0164 -0.0364 -0.0160 0.0204

Beam 184: End 1: 4: Carico mobile centrato 37.9650 -41.6380 -6.9471 9.8462 5.3950 -0.8912

Beam 184: End 2: 1: G1 2.4871 1.5387 0.4223 -1.0701 -3.0113 -0.1447

Beam 184: End 2: 2: G2 0.3411 -0.5211 0.0604 -0.1611 -0.4084 -0.0208

Beam 184: End 2: 3: Vento Q5 -0.5776 0.0331 0.0164 -0.0201 -0.0160 0.0204

Beam 184: End 2: 4: Carico mobile centrato 37.9650 -3.6730 -6.9471 2.8992 5.3950 -0.8912

Beam 185: End 1: 1: G1 2.4871 1.5387 0.4223 -1.0701 -3.0113 -0.1447

Beam 185: End 1: 2: G2 0.3411 -0.5211 0.0604 -0.1611 -0.4084 -0.0208

Beam 185: End 1: 3: Vento Q5 -0.5776 0.0331 0.0164 -0.0201 -0.0160 0.0204

Beam 185: End 1: 4: Carico mobile centrato 37.9650 -3.6730 -6.9471 2.8992 5.3950 -0.8912

Beam 185: End 2: 1: G1 2.4871 4.0258 0.4223 -0.6478 -3.0113 -0.1447

Beam 185: End 2: 2: G2 4.8411 2.0700 0.0604 -0.1007 -0.4084 -0.0208

Beam 185: End 2: 3: Vento Q5 -0.5776 -0.5445 0.0164 -0.0037 -0.0160 0.0204

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 185: End 2: 4: Carico mobile centrato 37.9650 34.2920 -6.9471 -4.0479 5.3950 -0.8912

Beam 186: End 1: 1: G1 0.0000 1.0306 0.0000 -0.7259 -3.9136 0.0000

Beam 186: End 1: 2: G2 -4.5000 1.6462 0.0000 -0.1044 -0.5309 0.0000

Beam 186: End 1: 3: Vento Q5 -0.6185 0.6185 0.0164 -0.0164 0.0000 0.0224

Beam 186: End 1: 4: Carico mobile centrato 0.0000 7.2750 0.0000 -5.3688 2.4646 0.0000

Beam 186: End 2: 1: G1 0.0000 1.0306 0.0000 -0.7259 -3.9136 0.0000

Beam 186: End 2: 2: G2 0.0000 -0.6038 0.0000 -0.1044 -0.5309 0.0000

Beam 186: End 2: 3: Vento Q5 -0.6185 0.0000 0.0164 0.0000 0.0000 0.0224

Beam 186: End 2: 4: Carico mobile centrato 0.0000 7.2750 0.0000 -5.3688 2.4646 0.0000

Beam 187: End 1: 1: G1 0.0000 1.0306 0.0000 -0.7259 -3.9136 0.0000

Beam 187: End 1: 2: G2 0.0000 -0.6038 0.0000 -0.1044 -0.5309 0.0000

Beam 187: End 1: 3: Vento Q5 -0.6185 0.0000 0.0164 0.0000 0.0000 0.0224

Beam 187: End 1: 4: Carico mobile centrato 0.0000 7.2750 0.0000 -5.3688 2.4646 0.0000

Beam 187: End 2: 1: G1 0.0000 1.0306 0.0000 -0.7259 -3.9136 0.0000

Beam 187: End 2: 2: G2 4.5000 1.6462 0.0000 -0.1044 -0.5309 0.0000

Beam 187: End 2: 3: Vento Q5 -0.6185 -0.6185 0.0164 0.0164 0.0000 0.0224

Beam 187: End 2: 4: Carico mobile centrato 0.0000 7.2750 0.0000 -5.3688 2.4646 0.0000

Beam 188: End 1: 1: G1 -2.4871 4.0258 -0.4223 -0.6478 -3.0113 0.1447

Beam 188: End 1: 2: G2 -4.8411 2.0700 -0.0604 -0.1007 -0.4084 0.0208

Beam 188: End 1: 3: Vento Q5 -0.5776 0.5445 0.0164 0.0037 0.0160 0.0204

Beam 188: End 1: 4: Carico mobile centrato -37.9650 34.2920 6.9471 -4.0479 5.3950 0.8912

Beam 188: End 2: 1: G1 -2.4871 1.5387 -0.4223 -1.0701 -3.0113 0.1447

Beam 188: End 2: 2: G2 -0.3411 -0.5211 -0.0604 -0.1611 -0.4084 0.0208

Beam 188: End 2: 3: Vento Q5 -0.5776 -0.0331 0.0164 0.0201 0.0160 0.0204

Beam 188: End 2: 4: Carico mobile centrato -37.9650 -3.6730 6.9471 2.8992 5.3950 0.8912

Beam 189: End 1: 1: G1 -2.4871 1.5387 -0.4223 -1.0701 -3.0113 0.1447

Beam 189: End 1: 2: G2 -0.3411 -0.5211 -0.0604 -0.1611 -0.4084 0.0208

Beam 189: End 1: 3: Vento Q5 -0.5776 -0.0331 0.0164 0.0201 0.0160 0.0204

Beam 189: End 1: 4: Carico mobile centrato -37.9650 -3.6730 6.9471 2.8992 5.3950 0.8912

Beam 189: End 2: 1: G1 -2.4871 -0.9483 -0.4223 -1.4925 -3.0113 0.1447

Beam 189: End 2: 2: G2 4.1589 1.3878 -0.0604 -0.2215 -0.4084 0.0208

Beam 189: End 2: 3: Vento Q5 -0.5776 -0.6108 0.0164 0.0364 0.0160 0.0204

Beam 189: End 2: 4: Carico mobile centrato -37.9650 -41.6380 6.9471 9.8462 5.3950 0.8912

Beam 190: End 1: 1: G1 -7.5041 12.0399 0.5055 -2.3294 0.3283 0.4395

Beam 190: End 1: 2: G2 -5.5380 3.2992 0.1063 -0.4137 0.1041 0.0678

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam 190: End 1: 3: Vento Q5 -0.4180 0.3533 0.0154 0.0236 -0.0151 0.0144

Beam 190: End 1: 4: Carico mobile centrato 37.3189 -42.1441 -5.9887 9.6413 6.0694 -0.9442

Beam 190: End 2: 1: G1 -7.5041 4.5358 0.5055 -1.8239 0.3283 0.4395

Beam 190: End 2: 2: G2 -1.0380 0.0112 0.1063 -0.3075 0.1041 0.0678

Beam 190: End 2: 3: Vento Q5 -0.4180 -0.0647 0.0154 0.0390 -0.0151 0.0144

Beam 190: End 2: 4: Carico mobile centrato 37.3189 -4.8252 -5.9887 3.6526 6.0694 -0.9442

Beam 191: End 1: 1: G1 -7.5041 4.5358 0.5055 -1.8239 0.3283 0.4395

Beam 191: End 1: 2: G2 -1.0380 0.0112 0.1063 -0.3075 0.1041 0.0678

Beam 191: End 1: 3: Vento Q5 -0.4180 -0.0647 0.0154 0.0390 -0.0151 0.0144

Beam 191: End 1: 4: Carico mobile centrato 37.3189 -4.8252 -5.9887 3.6526 6.0694 -0.9442

Beam 191: End 2: 1: G1 -7.5041 -2.9683 0.5055 -1.3184 0.3283 0.4395

Beam 191: End 2: 2: G2 3.4620 1.2232 0.1063 -0.2012 0.1041 0.0678

Beam 191: End 2: 3: Vento Q5 -0.4180 -0.4828 0.0154 0.0545 -0.0151 0.0144

Beam 191: End 2: 4: Carico mobile centrato 37.3189 32.4937 -5.9887 -2.3361 6.0694 -0.9442

Beam 192: End 1: 1: G1 7.4877 -2.9522 2.9366 -1.1484 0.2556 0.4442

Beam 192: End 1: 2: G2 -3.4636 1.2247 0.3931 -0.0894 0.0963 0.0681

Beam 192: End 1: 3: Vento Q5 -0.4187 0.4835 0.0056 0.0327 0.0129 -0.0141

Beam 192: End 1: 4: Carico mobile centrato -36.9816 32.1359 -17.8692 14.8331 7.0809 -1.1282

Beam 192: End 2: 1: G1 7.4877 4.5354 2.9366 1.7882 0.2556 0.4442

Beam 192: End 2: 2: G2 1.0364 0.0111 0.3931 0.3038 0.0963 0.0681

Beam 192: End 2: 3: Vento Q5 -0.4187 0.0648 0.0056 0.0383 0.0129 -0.0141

Beam 192: End 2: 4: Carico mobile centrato -36.9816 -4.8456 -17.8692 -3.0361 7.0809 -1.1282

Beam 193: End 1: 1: G1 7.4877 4.5354 2.9366 1.7882 0.2556 0.4442

Beam 193: End 1: 2: G2 1.0364 0.0111 0.3931 0.3038 0.0963 0.0681

Beam 193: End 1: 3: Vento Q5 -0.4187 0.0648 0.0056 0.0383 0.0129 -0.0141

Beam 193: End 1: 4: Carico mobile centrato -36.9816 -4.8456 -17.8692 -3.0361 7.0809 -1.1282

Beam 193: End 2: 1: G1 7.4877 12.0231 2.9366 4.7247 0.2556 0.4442

Beam 193: End 2: 2: G2 5.5364 3.2975 0.3931 0.6969 0.0963 0.0681

Beam 193: End 2: 3: Vento Q5 -0.4187 -0.3539 0.0056 0.0439 0.0129 -0.0141

Beam 193: End 2: 4: Carico mobile centrato -36.9816 -41.8272 -17.8692 -20.9053 7.0809 -1.1282

Beam 194: End 1: 1: G1 2.4828 -0.9430 1.5121 -0.4768 -3.1841 0.1431

Beam 194: End 1: 2: G2 -4.1599 1.3889 0.1940 -0.0367 -0.4287 0.0208

Beam 194: End 1: 3: Vento Q5 -0.5772 0.6104 -0.0580 0.0770 -0.0190 -0.0206

Beam 194: End 1: 4: Carico mobile centrato 37.5977 -41.2844 18.9851 -21.4533 6.3688 1.0869

Beam 194: End 2: 1: G1 2.4828 1.5398 1.5121 1.0352 -3.1841 0.1431

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 194: End 2: 2: G2 0.3401 -0.5210 0.1940 0.1573 -0.4287 0.0208

Beam 194: End 2: 3: Vento Q5 -0.5772 0.0332 -0.0580 0.0190 -0.0190 -0.0206

Beam 194: End 2: 4: Carico mobile centrato 37.5977 -3.6868 18.9851 -2.4683 6.3688 1.0869

Beam 195: End 1: 1: G1 2.4828 1.5398 1.5121 1.0352 -3.1841 0.1431

Beam 195: End 1: 2: G2 0.3401 -0.5210 0.1940 0.1573 -0.4287 0.0208

Beam 195: End 1: 3: Vento Q5 -0.5772 0.0332 -0.0580 0.0190 -0.0190 -0.0206

Beam 195: End 1: 4: Carico mobile centrato 37.5977 -3.6868 18.9851 -2.4683 6.3688 1.0869

Beam 195: End 2: 1: G1 2.4828 4.0226 1.5121 2.5473 -3.1841 0.1431

Beam 195: End 2: 2: G2 4.8401 2.0692 0.1940 0.3513 -0.4287 0.0208

Beam 195: End 2: 3: Vento Q5 -0.5772 -0.5440 -0.0580 -0.0390 -0.0190 -0.0206

Beam 195: End 2: 4: Carico mobile centrato 37.5977 33.9109 18.9851 16.5168 6.3688 1.0869

Beam 196: End 1: 1: G1 0.0000 1.0317 0.0000 0.7031 -4.1199 0.0000

Beam 196: End 1: 2: G2 -4.5000 1.6464 0.0000 0.1010 -0.5564 0.0000

Beam 196: End 1: 3: Vento Q5 -0.6182 0.6182 -0.0829 0.0829 0.0000 -0.0224

Beam 196: End 1: 4: Carico mobile centrato 0.0000 7.3079 0.0000 4.8617 2.4902 0.0000

Beam 196: End 2: 1: G1 0.0000 1.0317 0.0000 0.7031 -4.1199 0.0000

Beam 196: End 2: 2: G2 0.0000 -0.6036 0.0000 0.1010 -0.5564 0.0000

Beam 196: End 2: 3: Vento Q5 -0.6182 0.0000 -0.0829 0.0000 0.0000 -0.0224

Beam 196: End 2: 4: Carico mobile centrato 0.0000 7.3079 0.0000 4.8617 2.4902 0.0000

Beam 197: End 1: 1: G1 0.0000 1.0317 0.0000 0.7031 -4.1199 0.0000

Beam 197: End 1: 2: G2 0.0000 -0.6036 0.0000 0.1010 -0.5564 0.0000

Beam 197: End 1: 3: Vento Q5 -0.6182 0.0000 -0.0829 0.0000 0.0000 -0.0224

Beam 197: End 1: 4: Carico mobile centrato 0.0000 7.3079 0.0000 4.8617 2.4902 0.0000

Beam 197: End 2: 1: G1 0.0000 1.0317 0.0000 0.7031 -4.1199 0.0000

Beam 197: End 2: 2: G2 4.5000 1.6464 0.0000 0.1010 -0.5564 0.0000

Beam 197: End 2: 3: Vento Q5 -0.6182 -0.6182 -0.0829 -0.0829 0.0000 -0.0224

Beam 197: End 2: 4: Carico mobile centrato 0.0000 7.3079 0.0000 4.8617 2.4902 0.0000

Beam 198: End 1: 1: G1 -2.4828 4.0226 -1.5121 2.5473 -3.1841 -0.1431

Beam 198: End 1: 2: G2 -4.8401 2.0692 -0.1940 0.3513 -0.4287 -0.0208

Beam 198: End 1: 3: Vento Q5 -0.5772 0.5440 -0.0580 0.0390 0.0190 -0.0206

Beam 198: End 1: 4: Carico mobile centrato -37.5977 33.9109 -18.9851 16.5168 6.3688 -1.0869

Beam 198: End 2: 1: G1 -2.4828 1.5398 -1.5121 1.0352 -3.1841 -0.1431

Beam 198: End 2: 2: G2 -0.3401 -0.5210 -0.1940 0.1573 -0.4287 -0.0208

Beam 198: End 2: 3: Vento Q5 -0.5772 -0.0332 -0.0580 -0.0190 0.0190 -0.0206

Beam 198: End 2: 4: Carico mobile centrato -37.5977 -3.6868 -18.9851 -2.4683 6.3688 -1.0869

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 199: End 1: 1: G1 -2.4828 1.5398 -1.5121 1.0352 -3.1841 -0.1431

Beam 199: End 1: 2: G2 -0.3401 -0.5210 -0.1940 0.1573 -0.4287 -0.0208

Beam 199: End 1: 3: Vento Q5 -0.5772 -0.0332 -0.0580 -0.0190 0.0190 -0.0206

Beam 199: End 1: 4: Carico mobile centrato -37.5977 -3.6868 -18.9851 -2.4683 6.3688 -1.0869

Beam 199: End 2: 1: G1 -2.4828 -0.9430 -1.5121 -0.4768 -3.1841 -0.1431

Beam 199: End 2: 2: G2 4.1599 1.3889 -0.1940 -0.0367 -0.4287 -0.0208

Beam 199: End 2: 3: Vento Q5 -0.5772 -0.6104 -0.0580 -0.0770 0.0190 -0.0206

Beam 199: End 2: 4: Carico mobile centrato -37.5977 -41.2844 -18.9851 -21.4533 6.3688 -1.0869

Beam 200: End 1: 1: G1 -7.4877 12.0231 -2.9366 4.7247 0.2556 -0.4442

Beam 200: End 1: 2: G2 -5.5364 3.2975 -0.3931 0.6969 0.0963 -0.0681

Beam 200: End 1: 3: Vento Q5 -0.4187 0.3539 0.0056 -0.0439 -0.0129 -0.0141

Beam 200: End 1: 4: Carico mobile centrato 36.9816 -41.8272 17.8692 -20.9053 7.0809 1.1282

Beam 200: End 2: 1: G1 -7.4877 4.5354 -2.9366 1.7882 0.2556 -0.4442

Beam 200: End 2: 2: G2 -1.0364 0.0111 -0.3931 0.3038 0.0963 -0.0681

Beam 200: End 2: 3: Vento Q5 -0.4187 -0.0648 0.0056 -0.0383 -0.0129 -0.0141

Beam 200: End 2: 4: Carico mobile centrato 36.9816 -4.8456 17.8692 -3.0361 7.0809 1.1282

Beam 201: End 1: 1: G1 -7.4877 4.5354 -2.9366 1.7882 0.2556 -0.4442

Beam 201: End 1: 2: G2 -1.0364 0.0111 -0.3931 0.3038 0.0963 -0.0681

Beam 201: End 1: 3: Vento Q5 -0.4187 -0.0648 0.0056 -0.0383 -0.0129 -0.0141

Beam 201: End 1: 4: Carico mobile centrato 36.9816 -4.8456 17.8692 -3.0361 7.0809 1.1282

Beam 201: End 2: 1: G1 -7.4877 -2.9522 -2.9366 -1.1484 0.2556 -0.4442

Beam 201: End 2: 2: G2 3.4636 1.2247 -0.3931 -0.0894 0.0963 -0.0681

Beam 201: End 2: 3: Vento Q5 -0.4187 -0.4835 0.0056 -0.0327 -0.0129 -0.0141

Beam 201: End 2: 4: Carico mobile centrato 36.9816 32.1359 17.8692 14.8331 7.0809 1.1282

Beam 202: End 1: 1: G1 6.7803 -2.5209 6.3262 -0.8664 0.5640 1.3056

Beam 202: End 1: 2: G2 -3.5655 1.2799 0.8759 0.0486 0.1526 0.2006

Beam 202: End 1: 3: Vento Q5 -0.3892 0.4482 -0.0056 0.1189 0.0100 -0.0419

Beam 202: End 1: 4: Carico mobile centrato -32.0326 27.6108 -40.2104 31.0751 5.6993 -2.9321

Beam 202: End 2: 1: G1 6.7803 4.2594 6.3262 5.4598 0.5640 1.3056

Beam 202: End 2: 2: G2 0.9345 -0.0356 0.8759 0.9245 0.1526 0.2006

Beam 202: End 2: 3: Vento Q5 -0.3892 0.0590 -0.0056 0.1133 0.0100 -0.0419

Beam 202: End 2: 4: Carico mobile centrato -32.0326 -4.4218 -40.2104 -9.1352 5.6993 -2.9321

Beam 203: End 1: 1: G1 6.7803 4.2594 6.3262 5.4598 0.5640 1.3056

Beam 203: End 1: 2: G2 0.9345 -0.0356 0.8759 0.9245 0.1526 0.2006

Beam 203: End 1: 3: Vento Q5 -0.3892 0.0590 -0.0056 0.1133 0.0100 -0.0419

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 203: End 1: 4: Carico mobile centrato -32.0326 -4.4218 -40.2104 -9.1352 5.6993 -2.9321

Beam 203: End 2: 1: G1 6.7803 11.0397 6.3262 11.7860 0.5640 1.3056

Beam 203: End 2: 2: G2 5.4345 3.1490 0.8759 1.8004 0.1526 0.2006

Beam 203: End 2: 3: Vento Q5 -0.3892 -0.3302 -0.0056 0.1078 0.0100 -0.0419

Beam 203: End 2: 4: Carico mobile centrato -32.0326 -36.4543 -40.2104 -49.3456 5.6993 -2.9321

Beam 204: End 1: 1: G1 2.3141 -0.9138 2.4218 0.6761 -2.1149 0.4185

Beam 204: End 1: 2: G2 -4.1831 1.3912 0.3003 0.1685 -0.2470 0.0605

Beam 204: End 1: 3: Vento Q5 -0.5359 0.5663 -0.1369 0.1938 -0.0211 -0.0603

Beam 204: End 1: 4: Carico mobile centrato 32.6146 -35.9543 43.1581 -50.5384 5.2693 2.7998

Beam 204: End 2: 1: G1 2.3141 1.4003 2.4218 3.0979 -2.1149 0.4185

Beam 204: End 2: 2: G2 0.3169 -0.5419 0.3003 0.4688 -0.2470 0.0605

Beam 204: End 2: 3: Vento Q5 -0.5359 0.0305 -0.1369 0.0569 -0.0211 -0.0603

Beam 204: End 2: 4: Carico mobile centrato 32.6146 -3.3397 43.1581 -7.3803 5.2693 2.7998

Beam 205: End 1: 1: G1 2.3141 1.4003 2.4218 3.0979 -2.1149 0.4185

Beam 205: End 1: 2: G2 0.3169 -0.5419 0.3003 0.4688 -0.2470 0.0605

Beam 205: End 1: 3: Vento Q5 -0.5359 0.0305 -0.1369 0.0569 -0.0211 -0.0603

Beam 205: End 1: 4: Carico mobile centrato 32.6146 -3.3397 43.1581 -7.3803 5.2693 2.7998

Beam 205: End 2: 1: G1 2.3141 3.7143 2.4218 5.5197 -2.1149 0.4185

Beam 205: End 2: 2: G2 4.8169 2.0250 0.3003 0.7691 -0.2470 0.0605

Beam 205: End 2: 3: Vento Q5 -0.5359 -0.5054 -0.1369 -0.0800 -0.0211 -0.0603

Beam 205: End 2: 4: Carico mobile centrato 32.6146 29.2750 43.1581 35.7779 5.2693 2.7998

Beam 206: End 1: 1: G1 0.0000 0.9463 0.0000 2.0739 -2.6784 0.0000

Beam 206: End 1: 2: G2 -4.5000 1.6344 0.0000 0.2973 -0.3182 0.0000

Beam 206: End 1: 3: Vento Q5 -0.5741 0.5741 -0.1873 0.1873 0.0000 -0.0657

Beam 206: End 1: 4: Carico mobile centrato 0.0000 6.6243 0.0000 14.2016 3.0170 0.0000

Beam 206: End 2: 1: G1 0.0000 0.9463 0.0000 2.0739 -2.6784 0.0000

Beam 206: End 2: 2: G2 0.0000 -0.6156 0.0000 0.2973 -0.3182 0.0000

Beam 206: End 2: 3: Vento Q5 -0.5741 0.0000 -0.1873 0.0000 0.0000 -0.0657

Beam 206: End 2: 4: Carico mobile centrato 0.0000 6.6243 0.0000 14.2016 3.0170 0.0000

Beam 207: End 1: 1: G1 0.0000 0.9463 0.0000 2.0739 -2.6784 0.0000

Beam 207: End 1: 2: G2 0.0000 -0.6156 0.0000 0.2973 -0.3182 0.0000

Beam 207: End 1: 3: Vento Q5 -0.5741 0.0000 -0.1873 0.0000 0.0000 -0.0657

Beam 207: End 1: 4: Carico mobile centrato 0.0000 6.6243 0.0000 14.2016 3.0170 0.0000

Beam 207: End 2: 1: G1 0.0000 0.9463 0.0000 2.0739 -2.6784 0.0000

Beam 207: End 2: 2: G2 4.5000 1.6344 0.0000 0.2973 -0.3182 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 207: End 2: 3: Vento Q5 -0.5741 -0.5741 -0.1873 -0.1873 0.0000 -0.0657

Beam 207: End 2: 4: Carico mobile centrato 0.0000 6.6243 0.0000 14.2016 3.0170 0.0000

Beam 208: End 1: 1: G1 -2.3141 3.7143 -2.4218 5.5197 -2.1149 -0.4185

Beam 208: End 1: 2: G2 -4.8169 2.0250 -0.3003 0.7691 -0.2470 -0.0605

Beam 208: End 1: 3: Vento Q5 -0.5359 0.5054 -0.1369 0.0800 0.0211 -0.0603

Beam 208: End 1: 4: Carico mobile centrato -32.6146 29.2750 -43.1581 35.7779 5.2693 -2.7998

Beam 208: End 2: 1: G1 -2.3141 1.4003 -2.4218 3.0979 -2.1149 -0.4185

Beam 208: End 2: 2: G2 -0.3169 -0.5419 -0.3003 0.4688 -0.2470 -0.0605

Beam 208: End 2: 3: Vento Q5 -0.5359 -0.0305 -0.1369 -0.0569 0.0211 -0.0603

Beam 208: End 2: 4: Carico mobile centrato -32.6146 -3.3397 -43.1581 -7.3803 5.2693 -2.7998

Beam 209: End 1: 1: G1 -2.3141 1.4003 -2.4218 3.0979 -2.1149 -0.4185

Beam 209: End 1: 2: G2 -0.3169 -0.5419 -0.3003 0.4688 -0.2470 -0.0605

Beam 209: End 1: 3: Vento Q5 -0.5359 -0.0305 -0.1369 -0.0569 0.0211 -0.0603

Beam 209: End 1: 4: Carico mobile centrato -32.6146 -3.3397 -43.1581 -7.3803 5.2693 -2.7998

Beam 209: End 2: 1: G1 -2.3141 -0.9138 -2.4218 0.6761 -2.1149 -0.4185

Beam 209: End 2: 2: G2 4.1831 1.3912 -0.3003 0.1685 -0.2470 -0.0605

Beam 209: End 2: 3: Vento Q5 -0.5359 -0.5663 -0.1369 -0.1938 0.0211 -0.0603

Beam 209: End 2: 4: Carico mobile centrato -32.6146 -35.9543 -43.1581 -50.5384 5.2693 -2.7998

Beam 210: End 1: 1: G1 -6.7803 11.0397 -6.3262 11.7860 0.5640 -1.3056

Beam 210: End 1: 2: G2 -5.4345 3.1490 -0.8759 1.8004 0.1526 -0.2006

Beam 210: End 1: 3: Vento Q5 -0.3892 0.3302 -0.0056 -0.1078 -0.0100 -0.0419

Beam 210: End 1: 4: Carico mobile centrato 32.0326 -36.4543 40.2104 -49.3456 5.6993 2.9321

Beam 210: End 2: 1: G1 -6.7803 4.2594 -6.3262 5.4598 0.5640 -1.3056

Beam 210: End 2: 2: G2 -0.9345 -0.0356 -0.8759 0.9245 0.1526 -0.2006

Beam 210: End 2: 3: Vento Q5 -0.3892 -0.0590 -0.0056 -0.1133 -0.0100 -0.0419

Beam 210: End 2: 4: Carico mobile centrato 32.0326 -4.4218 40.2104 -9.1352 5.6993 2.9321

Beam 211: End 1: 1: G1 -6.7803 4.2594 -6.3262 5.4598 0.5640 -1.3056

Beam 211: End 1: 2: G2 -0.9345 -0.0356 -0.8759 0.9245 0.1526 -0.2006

Beam 211: End 1: 3: Vento Q5 -0.3892 -0.0590 -0.0056 -0.1133 -0.0100 -0.0419

Beam 211: End 1: 4: Carico mobile centrato 32.0326 -4.4218 40.2104 -9.1352 5.6993 2.9321

Beam 211: End 2: 1: G1 -6.7803 -2.5209 -6.3262 -0.8664 0.5640 -1.3056

Beam 211: End 2: 2: G2 3.5655 1.2799 -0.8759 0.0486 0.1526 -0.2006

Beam 211: End 2: 3: Vento Q5 -0.3892 -0.4482 -0.0056 -0.1189 -0.0100 -0.0419

Beam 211: End 2: 4: Carico mobile centrato 32.0326 27.6108 40.2104 31.0751 5.6993 2.9321

Beam 212: End 1: 1: G1 5.4444 -1.7467 9.4078 -0.0436 1.2759 2.0965

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam 212: End 1: 2: G2 -3.7576 1.3771 1.2926 0.2895 0.2742 0.3222

Beam 212: End 1: 3: Vento Q5 -0.3308 0.3786 -0.0286 0.2092 0.0069 -0.0671

Beam 212: End 1: 4: Carico mobile centrato -23.8946 20.2747 -51.4026 37.8891 3.7982 -3.9025

Beam 212: End 2: 1: G1 5.4444 3.6977 9.4078 9.3641 1.2759 2.0965

Beam 212: End 2: 2: G2 0.7424 -0.1305 1.2926 1.5821 0.2742 0.3222

Beam 212: End 2: 3: Vento Q5 -0.3308 0.0478 -0.0286 0.1806 0.0069 -0.0671

Beam 212: End 2: 4: Carico mobile centrato -23.8946 -3.6199 -51.4026 -13.5135 3.7982 -3.9025

Beam 213: End 1: 1: G1 5.4444 3.6977 9.4078 9.3641 1.2759 2.0965

Beam 213: End 1: 2: G2 0.7424 -0.1305 1.2926 1.5821 0.2742 0.3222

Beam 213: End 1: 3: Vento Q5 -0.3308 0.0478 -0.0286 0.1806 0.0069 -0.0671

Beam 213: End 1: 4: Carico mobile centrato -23.8946 -3.6199 -51.4026 -13.5135 3.7982 -3.9025

Beam 213: End 2: 1: G1 5.4444 9.1421 9.4078 18.7719 1.2759 2.0965

Beam 213: End 2: 2: G2 5.2424 2.8620 1.2926 2.8747 0.2742 0.3222

Beam 213: End 2: 3: Vento Q5 -0.3308 -0.2829 -0.0286 0.1520 0.0069 -0.0671

Beam 213: End 2: 4: Carico mobile centrato -23.8946 -27.5145 -51.4026 -64.9162 3.7982 -3.9025

Beam 214: End 1: 1: G1 1.9880 -0.8555 2.9218 2.0481 0.6385 0.6572

Beam 214: End 1: 2: G2 -4.2276 1.3956 0.3464 0.4037 0.2029 0.0947

Beam 214: End 1: 3: Vento Q5 -0.4561 0.4812 -0.2321 0.3231 -0.0231 -0.0958

Beam 214: End 1: 4: Carico mobile centrato 24.4260 -27.1160 55.6139 -66.4794 3.1700 3.6913

Beam 214: End 2: 1: G1 1.9880 1.1325 2.9218 4.9699 0.6385 0.6572

Beam 214: End 2: 2: G2 0.2724 -0.5821 0.3464 0.7501 0.2029 0.0947

Beam 214: End 2: 3: Vento Q5 -0.4561 0.0251 -0.2321 0.0910 -0.0231 -0.0958

Beam 214: End 2: 4: Carico mobile centrato 24.4260 -2.6900 55.6139 -10.8655 3.1700 3.6913

Beam 215: End 1: 1: G1 1.9880 1.1325 2.9218 4.9699 0.6385 0.6572

Beam 215: End 1: 2: G2 0.2724 -0.5821 0.3464 0.7501 0.2029 0.0947

Beam 215: End 1: 3: Vento Q5 -0.4561 0.0251 -0.2321 0.0910 -0.0231 -0.0958

Beam 215: End 1: 4: Carico mobile centrato 24.4260 -2.6900 55.6139 -10.8655 3.1700 3.6913

Beam 215: End 2: 1: G1 1.9880 3.1205 2.9218 7.8918 0.6385 0.6572

Beam 215: End 2: 2: G2 4.7724 1.9403 0.3464 1.0964 0.2029 0.0947

Beam 215: End 2: 3: Vento Q5 -0.4561 -0.4309 -0.2321 -0.1411 -0.0231 -0.0958

Beam 215: End 2: 4: Carico mobile centrato 24.4260 21.7359 55.6139 44.7485 3.1700 3.6913

Beam 216: End 1: 1: G1 0.0000 0.7844 0.0000 3.2192 0.4759 0.0000

Beam 216: End 1: 2: G2 -4.5000 1.6117 0.0000 0.4591 0.1876 0.0000

Beam 216: End 1: 3: Vento Q5 -0.4890 0.4890 -0.3080 0.3080 0.0000 -0.1046

Beam 216: End 1: 4: Carico mobile centrato 0.0000 5.3432 0.0000 20.7823 2.6978 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 216: End 2: 1: G1 0.0000 0.7844 0.0000 3.2192 0.4759 0.0000

Beam 216: End 2: 2: G2 0.0000 -0.6383 0.0000 0.4591 0.1876 0.0000

Beam 216: End 2: 3: Vento Q5 -0.4890 0.0000 -0.3080 0.0000 0.0000 -0.1046

Beam 216: End 2: 4: Carico mobile centrato 0.0000 5.3432 0.0000 20.7823 2.6978 0.0000

Beam 217: End 1: 1: G1 0.0000 0.7844 0.0000 3.2192 0.4759 0.0000

Beam 217: End 1: 2: G2 0.0000 -0.6383 0.0000 0.4591 0.1876 0.0000

Beam 217: End 1: 3: Vento Q5 -0.4890 0.0000 -0.3080 0.0000 0.0000 -0.1046

Beam 217: End 1: 4: Carico mobile centrato 0.0000 5.3432 0.0000 20.7823 2.6978 0.0000

Beam 217: End 2: 1: G1 0.0000 0.7844 0.0000 3.2192 0.4759 0.0000

Beam 217: End 2: 2: G2 4.5000 1.6117 0.0000 0.4591 0.1876 0.0000

Beam 217: End 2: 3: Vento Q5 -0.4890 -0.4890 -0.3080 -0.3080 0.0000 -0.1046

Beam 217: End 2: 4: Carico mobile centrato 0.0000 5.3432 0.0000 20.7823 2.6978 0.0000

Beam 218: End 1: 1: G1 -1.9880 3.1205 -2.9218 7.8918 0.6385 -0.6572

Beam 218: End 1: 2: G2 -4.7724 1.9403 -0.3464 1.0964 0.2029 -0.0947

Beam 218: End 1: 3: Vento Q5 -0.4561 0.4309 -0.2321 0.1411 0.0231 -0.0958

Beam 218: End 1: 4: Carico mobile centrato -24.4260 21.7359 -55.6139 44.7485 3.1700 -3.6913

Beam 218: End 2: 1: G1 -1.9880 1.1325 -2.9218 4.9699 0.6385 -0.6572

Beam 218: End 2: 2: G2 -0.2724 -0.5821 -0.3464 0.7501 0.2029 -0.0947

Beam 218: End 2: 3: Vento Q5 -0.4561 -0.0251 -0.2321 -0.0910 0.0231 -0.0958

Beam 218: End 2: 4: Carico mobile centrato -24.4260 -2.6900 -55.6139 -10.8655 3.1700 -3.6913

Beam 219: End 1: 1: G1 -1.9880 1.1325 -2.9218 4.9699 0.6385 -0.6572

Beam 219: End 1: 2: G2 -0.2724 -0.5821 -0.3464 0.7501 0.2029 -0.0947

Beam 219: End 1: 3: Vento Q5 -0.4561 -0.0251 -0.2321 -0.0910 0.0231 -0.0958

Beam 219: End 1: 4: Carico mobile centrato -24.4260 -2.6900 -55.6139 -10.8655 3.1700 -3.6913

Beam 219: End 2: 1: G1 -1.9880 -0.8555 -2.9218 2.0481 0.6385 -0.6572

Beam 219: End 2: 2: G2 4.2276 1.3956 -0.3464 0.4037 0.2029 -0.0947

Beam 219: End 2: 3: Vento Q5 -0.4561 -0.4812 -0.2321 -0.3231 0.0231 -0.0958

Beam 219: End 2: 4: Carico mobile centrato -24.4260 -27.1160 -55.6139 -66.4794 3.1700 -3.6913

Beam 220: End 1: 1: G1 -5.4444 9.1421 -9.4078 18.7719 1.2759 -2.0965

Beam 220: End 1: 2: G2 -5.2424 2.8620 -1.2926 2.8747 0.2742 -0.3222

Beam 220: End 1: 3: Vento Q5 -0.3308 0.2829 -0.0286 -0.1520 -0.0069 -0.0671

Beam 220: End 1: 4: Carico mobile centrato 23.8946 -27.5145 51.4026 -64.9162 3.7982 3.9025

Beam 220: End 2: 1: G1 -5.4444 3.6977 -9.4078 9.3641 1.2759 -2.0965

Beam 220: End 2: 2: G2 -0.7424 -0.1305 -1.2926 1.5821 0.2742 -0.3222

Beam 220: End 2: 3: Vento Q5 -0.3308 -0.0478 -0.0286 -0.1806 -0.0069 -0.0671

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 220: End 2: 4: Carico mobile centrato 23.8946 -3.6199 51.4026 -13.5135 3.7982 3.9025

Beam 221: End 1: 1: G1 -5.4444 3.6977 -9.4078 9.3641 1.2759 -2.0965

Beam 221: End 1: 2: G2 -0.7424 -0.1305 -1.2926 1.5821 0.2742 -0.3222

Beam 221: End 1: 3: Vento Q5 -0.3308 -0.0478 -0.0286 -0.1806 -0.0069 -0.0671

Beam 221: End 1: 4: Carico mobile centrato 23.8946 -3.6199 51.4026 -13.5135 3.7982 3.9025

Beam 221: End 2: 1: G1 -5.4444 -1.7467 -9.4078 -0.0436 1.2759 -2.0965

Beam 221: End 2: 2: G2 3.7576 1.3771 -1.2926 0.2895 0.2742 -0.3222

Beam 221: End 2: 3: Vento Q5 -0.3308 -0.3786 -0.0286 -0.2092 -0.0069 -0.0671

Beam 221: End 2: 4: Carico mobile centrato 23.8946 20.2747 51.4026 37.8891 3.7982 3.9025

Beam 222: End 1: 1: G1 3.6281 -0.8005 12.3544 1.5978 3.3949 2.7536

Beam 222: End 1: 2: G2 -4.0159 1.4886 1.6551 0.6929 0.6137 0.4230

Beam 222: End 1: 3: Vento Q5 -0.2463 0.2783 -0.0875 0.3182 -0.0149 -0.0877

Beam 222: End 1: 4: Carico mobile centrato -15.1183 12.5769 -55.3068 39.0073 3.5305 -4.0175

Beam 222: End 2: 1: G1 3.6281 2.8276 12.3544 13.9522 3.3949 2.7536

Beam 222: End 2: 2: G2 0.4841 -0.2773 1.6551 2.3480 0.6137 0.4230

Beam 222: End 2: 3: Vento Q5 -0.2463 0.0320 -0.0875 0.2308 -0.0149 -0.0877

Beam 222: End 2: 4: Carico mobile centrato -15.1183 -2.5413 -55.3068 -16.2995 3.5305 -4.0175

Beam 223: End 1: 1: G1 3.6281 2.8276 12.3544 13.9522 3.3949 2.7536

Beam 223: End 1: 2: G2 0.4841 -0.2773 1.6551 2.3480 0.6137 0.4230

Beam 223: End 1: 3: Vento Q5 -0.2463 0.0320 -0.0875 0.2308 -0.0149 -0.0877

Beam 223: End 1: 4: Carico mobile centrato -15.1183 -2.5413 -55.3068 -16.2995 3.5305 -4.0175

Beam 223: End 2: 1: G1 3.6281 6.4556 12.3544 26.3065 3.3949 2.7536

Beam 223: End 2: 2: G2 4.9841 2.4568 1.6551 4.0031 0.6137 0.4230

Beam 223: End 2: 3: Vento Q5 -0.2463 -0.2143 -0.0875 0.1433 -0.0149 -0.0877

Beam 223: End 2: 4: Carico mobile centrato -15.1183 -17.6596 -55.3068 -71.6063 3.5305 -4.0175

Beam 224: End 1: 1: G1 1.5137 -0.7483 3.8894 2.3330 5.2086 0.8379

Beam 224: End 1: 2: G2 -4.2926 1.4057 0.4748 0.4586 0.9368 0.1204

Beam 224: End 1: 3: Vento Q5 -0.3430 0.3605 -0.3859 0.5042 -0.0321 -0.1246

Beam 224: End 1: 4: Carico mobile centrato 15.5926 -17.4223 60.5682 -73.3570 1.8805 3.7469

Beam 224: End 2: 1: G1 1.5137 0.7653 3.8894 6.2225 5.2086 0.8379

Beam 224: End 2: 2: G2 0.2074 -0.6369 0.4748 0.9334 0.9368 0.1204

Beam 224: End 2: 3: Vento Q5 -0.3430 0.0175 -0.3859 0.1182 -0.0321 -0.1246

Beam 224: End 2: 4: Carico mobile centrato 15.5926 -1.8297 60.5682 -12.7887 1.8805 3.7469

Beam 225: End 1: 1: G1 1.5137 0.7653 3.8894 6.2225 5.2086 0.8379

Beam 225: End 1: 2: G2 0.2074 -0.6369 0.4748 0.9334 0.9368 0.1204

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 225: End 1: 3: Vento Q5 -0.3430 0.0175 -0.3859 0.1182 -0.0321 -0.1246

Beam 225: End 1: 4: Carico mobile centrato 15.5926 -1.8297 60.5682 -12.7887 1.8805 3.7469

Beam 225: End 2: 1: G1 1.5137 2.2790 3.8894 10.1119 5.2086 0.8379

Beam 225: End 2: 2: G2 4.7074 1.8205 0.4748 1.4082 0.9368 0.1204

Beam 225: End 2: 3: Vento Q5 -0.3430 -0.3255 -0.3859 -0.2677 -0.0321 -0.1246

Beam 225: End 2: 4: Carico mobile centrato 15.5926 13.7628 60.5682 47.7795 1.8805 3.7469

Beam 226: End 1: 1: G1 0.0000 0.5618 0.0000 3.8993 4.3894 0.0000

Beam 226: End 1: 2: G2 -4.5000 1.5805 0.0000 0.5513 0.8011 0.0000

Beam 226: End 1: 3: Vento Q5 -0.3683 0.3683 -0.4887 0.4887 0.0000 -0.1361

Beam 226: End 1: 4: Carico mobile centrato 0.0000 3.6433 0.0000 24.4824 -1.3288 0.0000

Beam 226: End 2: 1: G1 0.0000 0.5618 0.0000 3.8993 4.3894 0.0000

Beam 226: End 2: 2: G2 0.0000 -0.6695 0.0000 0.5513 0.8011 0.0000

Beam 226: End 2: 3: Vento Q5 -0.3683 0.0000 -0.4887 0.0000 0.0000 -0.1361

Beam 226: End 2: 4: Carico mobile centrato 0.0000 3.6433 0.0000 24.4824 -1.3288 0.0000

Beam 227: End 1: 1: G1 0.0000 0.5618 0.0000 3.8993 4.3894 0.0000

Beam 227: End 1: 2: G2 0.0000 -0.6695 0.0000 0.5513 0.8011 0.0000

Beam 227: End 1: 3: Vento Q5 -0.3683 0.0000 -0.4887 0.0000 0.0000 -0.1361

Beam 227: End 1: 4: Carico mobile centrato 0.0000 3.6433 0.0000 24.4824 -1.3288 0.0000

Beam 227: End 2: 1: G1 0.0000 0.5618 0.0000 3.8993 4.3894 0.0000

Beam 227: End 2: 2: G2 4.5000 1.5805 0.0000 0.5513 0.8011 0.0000

Beam 227: End 2: 3: Vento Q5 -0.3683 -0.3683 -0.4887 -0.4887 0.0000 -0.1361

Beam 227: End 2: 4: Carico mobile centrato 0.0000 3.6433 0.0000 24.4824 -1.3288 0.0000

Beam 228: End 1: 1: G1 -1.5137 2.2790 -3.8894 10.1119 5.2086 -0.8379

Beam 228: End 1: 2: G2 -4.7074 1.8205 -0.4748 1.4082 0.9368 -0.1204

Beam 228: End 1: 3: Vento Q5 -0.3430 0.3255 -0.3859 0.2677 0.0321 -0.1246

Beam 228: End 1: 4: Carico mobile centrato -15.5926 13.7628 -60.5682 47.7795 1.8805 -3.7469

Beam 228: End 2: 1: G1 -1.5137 0.7653 -3.8894 6.2225 5.2086 -0.8379

Beam 228: End 2: 2: G2 -0.2074 -0.6369 -0.4748 0.9334 0.9368 -0.1204

Beam 228: End 2: 3: Vento Q5 -0.3430 -0.0175 -0.3859 -0.1182 0.0321 -0.1246

Beam 228: End 2: 4: Carico mobile centrato -15.5926 -1.8297 -60.5682 -12.7887 1.8805 -3.7469

Beam 229: End 1: 1: G1 -1.5137 0.7653 -3.8894 6.2225 5.2086 -0.8379

Beam 229: End 1: 2: G2 -0.2074 -0.6369 -0.4748 0.9334 0.9368 -0.1204

Beam 229: End 1: 3: Vento Q5 -0.3430 -0.0175 -0.3859 -0.1182 0.0321 -0.1246

Beam 229: End 1: 4: Carico mobile centrato -15.5926 -1.8297 -60.5682 -12.7887 1.8805 -3.7469

Beam 229: End 2: 1: G1 -1.5137 -0.7483 -3.8894 2.3330 5.2086 -0.8379

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 229: End 2: 2: G2 4.2926 1.4057 -0.4748 0.4586 0.9368 -0.1204

Beam 229: End 2: 3: Vento Q5 -0.3430 -0.3605 -0.3859 -0.5042 0.0321 -0.1246

Beam 229: End 2: 4: Carico mobile centrato -15.5926 -17.4223 -60.5682 -73.3570 1.8805 -3.7469

Beam 230: End 1: 1: G1 -3.6281 6.4556 -12.3544 26.3065 3.3949 -2.7536

Beam 230: End 1: 2: G2 -4.9841 2.4568 -1.6551 4.0031 0.6137 -0.4230

Beam 230: End 1: 3: Vento Q5 -0.2463 0.2143 -0.0875 -0.1433 0.0149 -0.0877

Beam 230: End 1: 4: Carico mobile centrato 15.1183 -17.6596 55.3068 -71.6063 3.5305 4.0175

Beam 230: End 2: 1: G1 -3.6281 2.8276 -12.3544 13.9522 3.3949 -2.7536

Beam 230: End 2: 2: G2 -0.4841 -0.2773 -1.6551 2.3480 0.6137 -0.4230

Beam 230: End 2: 3: Vento Q5 -0.2463 -0.0320 -0.0875 -0.2308 0.0149 -0.0877

Beam 230: End 2: 4: Carico mobile centrato 15.1183 -2.5413 55.3068 -16.2995 3.5305 4.0175

Beam 231: End 1: 1: G1 -3.6281 2.8276 -12.3544 13.9522 3.3949 -2.7536

Beam 231: End 1: 2: G2 -0.4841 -0.2773 -1.6551 2.3480 0.6137 -0.4230

Beam 231: End 1: 3: Vento Q5 -0.2463 -0.0320 -0.0875 -0.2308 0.0149 -0.0877

Beam 231: End 1: 4: Carico mobile centrato 15.1183 -2.5413 55.3068 -16.2995 3.5305 4.0175

Beam 231: End 2: 1: G1 -3.6281 -0.8005 -12.3544 1.5978 3.3949 -2.7536

Beam 231: End 2: 2: G2 4.0159 1.4886 -1.6551 0.6929 0.6137 -0.4230

Beam 231: End 2: 3: Vento Q5 -0.2463 -0.2783 -0.0875 -0.3182 0.0149 -0.0877

Beam 231: End 2: 4: Carico mobile centrato 15.1183 12.5769 55.3068 39.0073 3.5305 4.0175

Beam 232: End 1: 1: G1 0.9933 0.1765 3.8629 0.2647 7.8967 1.7404

Beam 232: End 1: 2: G2 -2.5783 0.9731 0.5085 0.1825 1.3083 0.2671

Beam 232: End 1: 3: Vento Q5 -0.0922 0.1028 -0.0548 0.1074 -0.0401 -0.0551

Beam 232: End 1: 4: Carico mobile centrato -5.0335 4.0663 -15.3329 11.5737 0.6409 -2.1876

Beam 232: End 2: 1: G1 0.9933 1.1697 3.8629 4.1276 7.8967 1.7404

Beam 232: End 2: 2: G2 0.1217 -0.2552 0.5085 0.6910 1.3083 0.2671

Beam 232: End 2: 3: Vento Q5 -0.0922 0.0107 -0.0548 0.0527 -0.0401 -0.0551

Beam 232: End 2: 4: Carico mobile centrato -5.0335 -0.9672 -15.3329 -3.7592 0.6409 -2.1876

Beam 233: End 1: 1: G1 0.9933 1.1697 3.8629 4.1276 7.8967 1.7404

Beam 233: End 1: 2: G2 0.1217 -0.2552 0.5085 0.6910 1.3083 0.2671

Beam 233: End 1: 3: Vento Q5 -0.0922 0.0107 -0.0548 0.0527 -0.0401 -0.0551

Beam 233: End 1: 4: Carico mobile centrato -5.0335 -0.9672 -15.3329 -3.7592 0.6409 -2.1876

Beam 233: End 2: 1: G1 0.9933 2.1630 3.8629 7.9906 7.8967 1.7404

Beam 233: End 2: 2: G2 2.8217 1.2165 0.5085 1.1995 1.3083 0.2671

Beam 233: End 2: 3: Vento Q5 -0.0922 -0.0815 -0.0548 -0.0021 -0.0401 -0.0551

Beam 233: End 2: 4: Carico mobile centrato -5.0335 -6.0008 -15.3329 -19.0921 0.6409 -2.1876

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 234: End 1: 1: G1 0.5577 -0.2834 1.9555 -0.7360 5.2133 0.5171

Beam 234: End 1: 2: G2 -2.6243 0.8649 0.2718 -0.0917 0.8924 0.0742

Beam 234: End 1: 3: Vento Q5 -0.1318 0.1382 -0.1558 0.1824 -0.0287 -0.0782

Beam 234: End 1: 4: Carico mobile centrato 5.3587 -6.0168 16.4238 -19.2518 0.7357 2.0216

Beam 234: End 2: 1: G1 0.5577 0.2744 1.9555 1.2195 5.2133 0.5171

Beam 234: End 2: 2: G2 0.0757 -0.4095 0.2718 0.1800 0.8924 0.0742

Beam 234: End 2: 3: Vento Q5 -0.1318 0.0063 -0.1558 0.0266 -0.0287 -0.0782

Beam 234: End 2: 4: Carico mobile centrato 5.3587 -0.6582 16.4238 -2.8280 0.7357 2.0216

Beam 235: End 1: 1: G1 0.5577 0.2744 1.9555 1.2195 5.2133 0.5171

Beam 235: End 1: 2: G2 0.0757 -0.4095 0.2718 0.1800 0.8924 0.0742

Beam 235: End 1: 3: Vento Q5 -0.1318 0.0063 -0.1558 0.0266 -0.0287 -0.0782

Beam 235: End 1: 4: Carico mobile centrato 5.3587 -0.6582 16.4238 -2.8280 0.7357 2.0216

Beam 235: End 2: 1: G1 0.5577 0.8321 1.9555 3.1751 5.2133 0.5171

Beam 235: End 2: 2: G2 2.7757 1.0162 0.2718 0.4518 0.8924 0.0742

Beam 235: End 2: 3: Vento Q5 -0.1318 -0.1255 -0.1558 -0.1292 -0.0287 -0.0782

Beam 235: End 2: 4: Carico mobile centrato 5.3587 4.7005 16.4238 13.5958 0.7357 2.0216

Beam 236: End 1: 1: G1 0.0000 0.2155 0.0000 0.8010 3.4250 0.0000

Beam 236: End 1: 2: G2 -2.7000 0.9312 0.0000 0.1124 0.5938 0.0000

Beam 236: End 1: 3: Vento Q5 -0.1418 0.1418 -0.1889 0.1889 0.0000 -0.0855

Beam 236: End 1: 4: Carico mobile centrato 0.0000 1.3090 0.0000 5.4912 -3.6604 0.0000

Beam 236: End 2: 1: G1 0.0000 0.2155 0.0000 0.8010 3.4250 0.0000

Beam 236: End 2: 2: G2 0.0000 -0.4188 0.0000 0.1124 0.5938 0.0000

Beam 236: End 2: 3: Vento Q5 -0.1418 0.0000 -0.1889 0.0000 0.0000 -0.0855

Beam 236: End 2: 4: Carico mobile centrato 0.0000 1.3090 0.0000 5.4912 -3.6604 0.0000

Beam 237: End 1: 1: G1 0.0000 0.2155 0.0000 0.8010 3.4250 0.0000

Beam 237: End 1: 2: G2 0.0000 -0.4188 0.0000 0.1124 0.5938 0.0000

Beam 237: End 1: 3: Vento Q5 -0.1418 0.0000 -0.1889 0.0000 0.0000 -0.0855

Beam 237: End 1: 4: Carico mobile centrato 0.0000 1.3090 0.0000 5.4912 -3.6604 0.0000

Beam 237: End 2: 1: G1 0.0000 0.2155 0.0000 0.8010 3.4250 0.0000

Beam 237: End 2: 2: G2 2.7000 0.9312 0.0000 0.1124 0.5938 0.0000

Beam 237: End 2: 3: Vento Q5 -0.1418 -0.1418 -0.1889 -0.1889 0.0000 -0.0855

Beam 237: End 2: 4: Carico mobile centrato 0.0000 1.3090 0.0000 5.4912 -3.6604 0.0000

Beam 238: End 1: 1: G1 -0.5577 0.8321 -1.9555 3.1751 5.2133 -0.5171

Beam 238: End 1: 2: G2 -2.7757 1.0162 -0.2718 0.4518 0.8924 -0.0742

Beam 238: End 1: 3: Vento Q5 -0.1318 0.1255 -0.1558 0.1292 0.0287 -0.0782

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 238: End 1: 4: Carico mobile centrato -5.3587 4.7005 -16.4238 13.5958 0.7357 -2.0216

Beam 238: End 2: 1: G1 -0.5577 0.2744 -1.9555 1.2195 5.2133 -0.5171

Beam 238: End 2: 2: G2 -0.0757 -0.4095 -0.2718 0.1800 0.8924 -0.0742

Beam 238: End 2: 3: Vento Q5 -0.1318 -0.0063 -0.1558 -0.0266 0.0287 -0.0782

Beam 238: End 2: 4: Carico mobile centrato -5.3587 -0.6582 -16.4238 -2.8280 0.7357 -2.0216

Beam 239: End 1: 1: G1 -0.5577 0.2744 -1.9555 1.2195 5.2133 -0.5171

Beam 239: End 1: 2: G2 -0.0757 -0.4095 -0.2718 0.1800 0.8924 -0.0742

Beam 239: End 1: 3: Vento Q5 -0.1318 -0.0063 -0.1558 -0.0266 0.0287 -0.0782

Beam 239: End 1: 4: Carico mobile centrato -5.3587 -0.6582 -16.4238 -2.8280 0.7357 -2.0216

Beam 239: End 2: 1: G1 -0.5577 -0.2834 -1.9555 -0.7360 5.2133 -0.5171

Beam 239: End 2: 2: G2 2.6243 0.8649 -0.2718 -0.0917 0.8924 -0.0742

Beam 239: End 2: 3: Vento Q5 -0.1318 -0.1382 -0.1558 -0.1824 0.0287 -0.0782

Beam 239: End 2: 4: Carico mobile centrato -5.3587 -6.0168 -16.4238 -19.2518 0.7357 -2.0216

Beam 240: End 1: 1: G1 -0.9933 2.1630 -3.8629 7.9906 7.8967 -1.7404

Beam 240: End 1: 2: G2 -2.8217 1.2165 -0.5085 1.1995 1.3083 -0.2671

Beam 240: End 1: 3: Vento Q5 -0.0922 0.0815 -0.0548 0.0021 0.0401 -0.0551

Beam 240: End 1: 4: Carico mobile centrato 5.0335 -6.0008 15.3329 -19.0921 0.6409 2.1876

Beam 240: End 2: 1: G1 -0.9933 1.1697 -3.8629 4.1276 7.8967 -1.7404

Beam 240: End 2: 2: G2 -0.1217 -0.2552 -0.5085 0.6910 1.3083 -0.2671

Beam 240: End 2: 3: Vento Q5 -0.0922 -0.0107 -0.0548 -0.0527 0.0401 -0.0551

Beam 240: End 2: 4: Carico mobile centrato 5.0335 -0.9672 15.3329 -3.7592 0.6409 2.1876

Beam 241: End 1: 1: G1 -0.9933 1.1697 -3.8629 4.1276 7.8967 -1.7404

Beam 241: End 1: 2: G2 -0.1217 -0.2552 -0.5085 0.6910 1.3083 -0.2671

Beam 241: End 1: 3: Vento Q5 -0.0922 -0.0107 -0.0548 -0.0527 0.0401 -0.0551

Beam 241: End 1: 4: Carico mobile centrato 5.0335 -0.9672 15.3329 -3.7592 0.6409 2.1876

Beam 241: End 2: 1: G1 -0.9933 0.1765 -3.8629 0.2647 7.8967 -1.7404

Beam 241: End 2: 2: G2 2.5783 0.9731 -0.5085 0.1825 1.3083 -0.2671

Beam 241: End 2: 3: Vento Q5 -0.0922 -0.1028 -0.0548 -0.1074 0.0401 -0.0551

Beam 241: End 2: 4: Carico mobile centrato 5.0335 4.0663 15.3329 11.5737 0.6409 2.1876

Beam 242: End 1: 1: G1 -1.7029 2.9084 19.5780 5.2669 59.7739 3.3515

Beam 242: End 1: 2: G2 -4.9429 2.0419 2.6093 1.5301 9.7935 0.5144

Beam 242: End 1: 3: Vento Q5 -0.0178 0.0234 -0.3983 0.6555 0.0272 -0.1071

Beam 242: End 1: 4: Carico mobile centrato -1.5052 0.6431 -75.8054 52.3412 -31.3997 -3.7793

Beam 242: End 2: 1: G1 -1.7029 1.2055 19.5780 24.8449 59.7739 3.3515

Beam 242: End 2: 2: G2 -0.2929 -0.5760 2.6093 4.1395 9.7935 0.5144

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 242: End 2: 3: Vento Q5 -0.0178 0.0056 -0.3983 0.2572 0.0272 -0.1071

Beam 242: End 2: 4: Carico mobile centrato -1.5052 -0.8621 -75.8054 -23.4643 -31.3997 -3.7793

Beam 243: End 1: 1: G1 -1.7029 1.2055 19.5780 24.8449 59.7739 3.3515

Beam 243: End 1: 2: G2 -0.2929 -0.5760 2.6093 4.1395 9.7935 0.5144

Beam 243: End 1: 3: Vento Q5 -0.0178 0.0056 -0.3983 0.2572 0.0272 -0.1071

Beam 243: End 1: 4: Carico mobile centrato -1.5052 -0.8621 -75.8054 -23.4643 -31.3997 -3.7793

Beam 243: End 2: 1: G1 -1.7029 -0.4974 19.5780 44.4229 59.7739 3.3515

Beam 243: End 2: 2: G2 4.3571 1.4561 2.6093 6.7488 9.7935 0.5144

Beam 243: End 2: 3: Vento Q5 -0.0178 -0.0123 -0.3983 -0.1411 0.0272 -0.1071

Beam 243: End 2: 4: Carico mobile centrato -1.5052 -2.3674 -75.8054 -99.2697 -31.3997 -3.7793

Beam 244: End 1: 1: G1 -0.0409 0.2421 12.4925 -7.1013 11.9012 1.0032

Beam 244: End 1: 2: G2 -4.6603 1.5900 1.8415 -1.0752 1.8838 0.1438

Beam 244: End 1: 3: Vento Q5 -0.0360 0.0408 -0.9910 1.1549 0.1108 -0.1519

Beam 244: End 1: 4: Carico mobile centrato 2.3513 -2.8367 81.1042 -96.9273 -12.9658 3.4594

Beam 244: End 2: 1: G1 -0.0409 0.2012 12.4925 5.3912 11.9012 1.0032

Beam 244: End 2: 2: G2 -0.0103 -0.7453 1.8415 0.7663 1.8838 0.1438

Beam 244: End 2: 3: Vento Q5 -0.0360 0.0047 -0.9910 0.1638 0.1108 -0.1519

Beam 244: End 2: 4: Carico mobile centrato 2.3513 -0.4855 81.1042 -15.8231 -12.9658 3.4594

Beam 245: End 1: 1: G1 -0.0409 0.2012 12.4925 5.3912 11.9012 1.0032

Beam 245: End 1: 2: G2 -0.0103 -0.7453 1.8415 0.7663 1.8838 0.1438

Beam 245: End 1: 3: Vento Q5 -0.0360 0.0047 -0.9910 0.1638 0.1108 -0.1519

Beam 245: End 1: 4: Carico mobile centrato 2.3513 -0.4855 81.1042 -15.8231 -12.9658 3.4594

Beam 245: End 2: 1: G1 -0.0409 0.1604 12.4925 17.8837 11.9012 1.0032

Beam 245: End 2: 2: G2 4.6397 1.5694 1.8415 2.6079 1.8838 0.1438

Beam 245: End 2: 3: Vento Q5 -0.0360 -0.0313 -0.9910 -0.8272 0.1108 -0.1519

Beam 245: End 2: 4: Carico mobile centrato 2.3513 1.8658 81.1042 65.2810 -12.9658 3.4594

Beam 246: End 1: 1: G1 0.0000 0.1796 0.0000 4.6081 8.8780 0.0000

Beam 246: End 1: 2: G2 -4.6500 1.5764 0.0000 0.6477 1.3855 0.0000

Beam 246: End 1: 3: Vento Q5 -0.0376 0.0376 -1.1174 1.1174 0.0000 -0.1663

Beam 246: End 1: 4: Carico mobile centrato 0.0000 0.9603 0.0000 32.2664 21.1289 0.0000

Beam 246: End 2: 1: G1 0.0000 0.1796 0.0000 4.6081 8.8780 0.0000

Beam 246: End 2: 2: G2 0.0000 -0.7486 0.0000 0.6477 1.3855 0.0000

Beam 246: End 2: 3: Vento Q5 -0.0376 0.0000 -1.1174 0.0000 0.0000 -0.1663

Beam 246: End 2: 4: Carico mobile centrato 0.0000 0.9603 0.0000 32.2664 21.1289 0.0000

Beam 247: End 1: 1: G1 0.0000 0.1796 0.0000 4.6081 8.8780 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 247: End 1: 2: G2 0.0000 -0.7486 0.0000 0.6477 1.3855 0.0000

Beam 247: End 1: 3: Vento Q5 -0.0376 0.0000 -1.1174 0.0000 0.0000 -0.1663

Beam 247: End 1: 4: Carico mobile centrato 0.0000 0.9603 0.0000 32.2664 21.1289 0.0000

Beam 247: End 2: 1: G1 0.0000 0.1796 0.0000 4.6081 8.8780 0.0000

Beam 247: End 2: 2: G2 4.6500 1.5764 0.0000 0.6477 1.3855 0.0000

Beam 247: End 2: 3: Vento Q5 -0.0376 -0.0376 -1.1174 -1.1174 0.0000 -0.1663

Beam 247: End 2: 4: Carico mobile centrato 0.0000 0.9603 0.0000 32.2664 21.1289 0.0000

Beam 248: End 1: 1: G1 0.0409 0.1604 -12.4925 17.8837 11.9012 -1.0032

Beam 248: End 1: 2: G2 -4.6397 1.5694 -1.8415 2.6079 1.8838 -0.1438

Beam 248: End 1: 3: Vento Q5 -0.0360 0.0313 -0.9910 0.8272 -0.1108 -0.1519

Beam 248: End 1: 4: Carico mobile centrato -2.3513 1.8658 -81.1042 65.2810 -12.9658 -3.4594

Beam 248: End 2: 1: G1 0.0409 0.2012 -12.4925 5.3912 11.9012 -1.0032

Beam 248: End 2: 2: G2 0.0103 -0.7453 -1.8415 0.7663 1.8838 -0.1438

Beam 248: End 2: 3: Vento Q5 -0.0360 -0.0047 -0.9910 -0.1638 -0.1108 -0.1519

Beam 248: End 2: 4: Carico mobile centrato -2.3513 -0.4855 -81.1042 -15.8231 -12.9658 -3.4594

Beam 249: End 1: 1: G1 0.0409 0.2012 -12.4925 5.3912 11.9012 -1.0032

Beam 249: End 1: 2: G2 0.0103 -0.7453 -1.8415 0.7663 1.8838 -0.1438

Beam 249: End 1: 3: Vento Q5 -0.0360 -0.0047 -0.9910 -0.1638 -0.1108 -0.1519

Beam 249: End 1: 4: Carico mobile centrato -2.3513 -0.4855 -81.1042 -15.8231 -12.9658 -3.4594

Beam 249: End 2: 1: G1 0.0409 0.2421 -12.4925 -7.1013 11.9012 -1.0032

Beam 249: End 2: 2: G2 4.6603 1.5900 -1.8415 -1.0752 1.8838 -0.1438

Beam 249: End 2: 3: Vento Q5 -0.0360 -0.0408 -0.9910 -1.1549 -0.1108 -0.1519

Beam 249: End 2: 4: Carico mobile centrato -2.3513 -2.8367 -81.1042 -96.9273 -12.9658 -3.4594

Beam 250: End 1: 1: G1 1.7029 -0.4974 -19.5780 44.4229 59.7739 -3.3515

Beam 250: End 1: 2: G2 -4.3571 1.4561 -2.6093 6.7488 9.7935 -0.5144

Beam 250: End 1: 3: Vento Q5 -0.0178 0.0123 -0.3983 0.1411 -0.0272 -0.1071

Beam 250: End 1: 4: Carico mobile centrato 1.5052 -2.3674 75.8054 -99.2697 -31.3997 3.7793

Beam 250: End 2: 1: G1 1.7029 1.2055 -19.5780 24.8449 59.7739 -3.3515

Beam 250: End 2: 2: G2 0.2929 -0.5760 -2.6093 4.1395 9.7935 -0.5144

Beam 250: End 2: 3: Vento Q5 -0.0178 -0.0056 -0.3983 -0.2572 -0.0272 -0.1071

Beam 250: End 2: 4: Carico mobile centrato 1.5052 -0.8621 75.8054 -23.4643 -31.3997 3.7793

Beam 251: End 1: 1: G1 1.7029 1.2055 -19.5780 24.8449 59.7739 -3.3515

Beam 251: End 1: 2: G2 0.2929 -0.5760 -2.6093 4.1395 9.7935 -0.5144

Beam 251: End 1: 3: Vento Q5 -0.0178 -0.0056 -0.3983 -0.2572 -0.0272 -0.1071

Beam 251: End 1: 4: Carico mobile centrato 1.5052 -0.8621 75.8054 -23.4643 -31.3997 3.7793

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 251: End 2: 1: G1 1.7029 2.9084 -19.5780 5.2669 59.7739 -3.3515

Beam 251: End 2: 2: G2 4.9429 2.0419 -2.6093 1.5301 9.7935 -0.5144

Beam 251: End 2: 3: Vento Q5 -0.0178 -0.0234 -0.3983 -0.6555 -0.0272 -0.1071

Beam 251: End 2: 4: Carico mobile centrato 1.5052 0.6431 75.8054 52.3412 -31.3997 3.7793

Beam 252: End 1: 1: G1 0.0000 0.0000 11.7720 -5.8860 0.0000 0.0000

Beam 252: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 252: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 252: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 252: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 252: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 252: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 252: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 253: End 1: 1: G1 -21.3827 13.3641 0.0000 0.0000 0.0000 0.0000

Beam 253: End 1: 2: G2 -3.1000 1.9375 0.0000 0.0000 0.0000 0.0000

Beam 253: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 253: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 253: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 253: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 253: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 253: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 254: End 1: 1: G1 -12.4157 20.1756 0.0000 0.0000 0.0000 0.0000

Beam 254: End 1: 2: G2 -4.5000 4.2750 0.0000 0.0000 0.0000 0.0000

Beam 254: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 254: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 254: End 2: 1: G1 -12.4157 7.7598 0.0000 0.0000 0.0000 0.0000

Beam 254: End 2: 2: G2 -1.8000 1.1250 0.0000 0.0000 0.0000 0.0000

Beam 254: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 254: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 255: End 1: 1: G1 -12.4157 7.7598 0.0000 0.0000 0.0000 0.0000

Beam 255: End 1: 2: G2 -1.8000 1.1250 0.0000 0.0000 0.0000 0.0000

Beam 255: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 255: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 255: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 255: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 255: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 255: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 256: End 1: 1: G1 -20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 256: End 1: 2: G2 -7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 256: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 256: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 256: End 2: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 256: End 2: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 256: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 256: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 257: End 1: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 257: End 1: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 257: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 257: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 257: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 257: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 257: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 257: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 258: End 1: 1: G1 -20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 258: End 1: 2: G2 -7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 258: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 258: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 258: End 2: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 258: End 2: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 258: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 258: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 259: End 1: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 259: End 1: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 259: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 259: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 259: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 259: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 259: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 259: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 260: End 1: 1: G1 -20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 260: End 1: 2: G2 -7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 260: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 260: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 260: End 2: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 260: End 2: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 260: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 260: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 261: End 1: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 261: End 1: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 261: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 261: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 261: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 261: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 261: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 261: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 262: End 1: 1: G1 -20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 262: End 1: 2: G2 -7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 262: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 262: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 262: End 2: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 262: End 2: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 262: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 262: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 263: End 1: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 263: End 1: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 263: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 263: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 263: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 263: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 263: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 263: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 264: End 1: 1: G1 -20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 264: End 1: 2: G2 -7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 264: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 264: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 264: End 2: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 264: End 2: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 264: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 264: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 265: End 1: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 265: End 1: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 265: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 265: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 265: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 265: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 265: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 265: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 266: End 1: 1: G1 -20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 266: End 1: 2: G2 -7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 266: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 266: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 266: End 2: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 266: End 2: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 266: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 266: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 267: End 1: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 267: End 1: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 267: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 267: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 267: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 267: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 267: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 267: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 268: End 1: 1: G1 -20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 268: End 1: 2: G2 -7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 268: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 268: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 268: End 2: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 268: End 2: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 268: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 268: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 269: End 1: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 269: End 1: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 269: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 269: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 269: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 269: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 269: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 269: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 270: End 1: 1: G1 -20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 270: End 1: 2: G2 -7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 270: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 270: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 270: End 2: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 270: End 2: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 270: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 270: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 271: End 1: 1: G1 -20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 271: End 1: 2: G2 -3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 271: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 271: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 271: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 271: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 271: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 271: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 272: End 1: 1: G1 -12.4157 20.1756 0.0000 0.0000 0.0000 0.0000

Beam 272: End 1: 2: G2 -4.5000 4.2750 0.0000 0.0000 0.0000 0.0000

Beam 272: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 272: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 272: End 2: 1: G1 -12.4157 7.7598 0.0000 0.0000 0.0000 0.0000

Beam 272: End 2: 2: G2 -1.8000 1.1250 0.0000 0.0000 0.0000 0.0000

Beam 272: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 272: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 273: End 1: 1: G1 -12.4157 7.7598 0.0000 0.0000 0.0000 0.0000

Beam 273: End 1: 2: G2 -1.8000 1.1250 0.0000 0.0000 0.0000 0.0000

Beam 273: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 273: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 273: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 273: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 273: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 273: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 274: End 1: 1: G1 -21.3827 34.7468 0.0000 0.0000 0.0000 0.0000

Beam 274: End 1: 2: G2 -7.7500 7.3625 0.0000 0.0000 0.0000 0.0000

Beam 274: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 274: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 274: End 2: 1: G1 -21.3827 13.3641 0.0000 0.0000 0.0000 0.0000

Beam 274: End 2: 2: G2 -3.1000 1.9375 0.0000 0.0000 0.0000 0.0000

Beam 274: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 274: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 275: End 1: 1: G1 -21.3827 13.3641 0.0000 0.0000 0.0000 0.0000

Beam 275: End 1: 2: G2 -3.1000 1.9375 0.0000 0.0000 0.0000 0.0000

Beam 275: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 275: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 275: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 275: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 275: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 275: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 2: 1: G1 0.0000 0.0000 -11.7720 -5.8860 0.0000 0.0000

Beam 276: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 2: 1: G1 0.0000 0.0000 -11.7720 -5.8860 0.0000 0.0000

Beam 277: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 277: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 278: End 1: 1: G1 21.3827 13.3641 0.0000 0.0000 0.0000 0.0000

Beam 278: End 1: 2: G2 3.1000 1.9375 0.0000 0.0000 0.0000 0.0000

Beam 278: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 278: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 278: End 2: 1: G1 21.3827 34.7468 0.0000 0.0000 0.0000 0.0000

Beam 278: End 2: 2: G2 7.7500 7.3625 0.0000 0.0000 0.0000 0.0000

Beam 278: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 278: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 279: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 279: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 279: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 279: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 279: End 2: 1: G1 12.4157 7.7598 0.0000 0.0000 0.0000 0.0000

Beam 279: End 2: 2: G2 1.8000 1.1250 0.0000 0.0000 0.0000 0.0000

Beam 279: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 279: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 280: End 1: 1: G1 12.4157 7.7598 0.0000 0.0000 0.0000 0.0000

Beam 280: End 1: 2: G2 1.8000 1.1250 0.0000 0.0000 0.0000 0.0000

Beam 280: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 280: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 280: End 2: 1: G1 12.4157 20.1756 0.0000 0.0000 0.0000 0.0000

Beam 280: End 2: 2: G2 4.5000 4.2750 0.0000 0.0000 0.0000 0.0000

Beam 280: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 280: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 281: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 281: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 281: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 281: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 281: End 2: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 281: End 2: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 281: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 281: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 282: End 1: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 282: End 1: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 282: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 282: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 282: End 2: 1: G1 20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 282: End 2: 2: G2 7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 282: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 282: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 283: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 283: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 283: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 283: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 283: End 2: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 283: End 2: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 283: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 283: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 284: End 1: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 284: End 1: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 284: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 284: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 284: End 2: 1: G1 20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 284: End 2: 2: G2 7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 284: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 284: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 285: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 285: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 285: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 285: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 285: End 2: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 285: End 2: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 285: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 285: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 286: End 1: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 286: End 1: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 286: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 286: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 286: End 2: 1: G1 20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 286: End 2: 2: G2 7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 286: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 286: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 287: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 287: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 287: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 287: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 287: End 2: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 287: End 2: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 287: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 287: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 288: End 1: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 288: End 1: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 288: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 288: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 288: End 2: 1: G1 20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 288: End 2: 2: G2 7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 288: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 288: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 289: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 289: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 289: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 289: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 289: End 2: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 289: End 2: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 289: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 289: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 290: End 1: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 290: End 1: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 290: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 290: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 290: End 2: 1: G1 20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 290: End 2: 2: G2 7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 290: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 290: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 291: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 291: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 291: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 291: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 291: End 2: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 291: End 2: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 291: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 291: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 292: End 1: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 292: End 1: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 292: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 292: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 292: End 2: 1: G1 20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 292: End 2: 2: G2 7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 292: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 292: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 293: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 293: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 293: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 293: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 293: End 2: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 293: End 2: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 293: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 293: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 294: End 1: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 294: End 1: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 294: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 294: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 294: End 2: 1: G1 20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 294: End 2: 2: G2 7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 294: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 294: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 295: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 295: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 295: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 295: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 295: End 2: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 295: End 2: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 295: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 295: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 296: End 1: 1: G1 20.6929 12.9330 0.0000 0.0000 0.0000 0.0000

Beam 296: End 1: 2: G2 3.0000 1.8750 0.0000 0.0000 0.0000 0.0000

Beam 296: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 296: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 296: End 2: 1: G1 20.6929 33.6259 0.0000 0.0000 0.0000 0.0000

Beam 296: End 2: 2: G2 7.5000 7.1250 0.0000 0.0000 0.0000 0.0000

Beam 296: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 296: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 297: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 297: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 297: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 297: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 297: End 2: 1: G1 12.4157 7.7598 0.0000 0.0000 0.0000 0.0000

Beam 297: End 2: 2: G2 1.8000 1.1250 0.0000 0.0000 0.0000 0.0000

Beam 297: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 297: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 298: End 1: 1: G1 12.4157 7.7598 0.0000 0.0000 0.0000 0.0000

Beam 298: End 1: 2: G2 1.8000 1.1250 0.0000 0.0000 0.0000 0.0000

Beam 298: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 298: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 298: End 2: 1: G1 12.4157 20.1756 0.0000 0.0000 0.0000 0.0000

Beam 298: End 2: 2: G2 4.5000 4.2750 0.0000 0.0000 0.0000 0.0000

Beam 298: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 298: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 299: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 299: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 299: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 299: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 299: End 2: 1: G1 21.3827 13.3641 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 299: End 2: 2: G2 3.1000 1.9375 0.0000 0.0000 0.0000 0.0000

Beam 299: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 299: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 300: End 1: 1: G1 21.3827 13.3641 0.0000 0.0000 0.0000 0.0000

Beam 300: End 1: 2: G2 3.1000 1.9375 0.0000 0.0000 0.0000 0.0000

Beam 300: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 300: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 300: End 2: 1: G1 21.3827 34.7468 0.0000 0.0000 0.0000 0.0000

Beam 300: End 2: 2: G2 7.7500 7.3625 0.0000 0.0000 0.0000 0.0000

Beam 300: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 300: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam stress

**Min Fibre Stress Max Fibre Stress Mean Shearing Stress 1 Mean Shearing Stress 2 Max Shearing Stress 1 Max Shearing Stress 2 Max Torsional
Stress Min Principal Stress Max Principal Stress Min Pipe Hoop Stress Max Pipe Hoop Stress**

(MPa) (MPa) (MPa) (MPa) (MPa) (MPa) (MPa) (MPa) (MPa) (MPa)

Beam 1: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000

Beam 1: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 1: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 1: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 1: End 2: 1: G1 -0.0025 0.0019 0.0000 -0.0055

Beam 1: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 1: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0001

Beam 1: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 2: End 1: 1: G1 -0.0952 0.0861 -0.0425 0.1882

Beam 2: End 1: 2: G2 -0.0143 0.0131 -0.0070 0.0365

Beam 2: End 1: 3: Vento Q5 -0.0023 0.0027 0.0000 -0.0028

Beam 2: End 1: 4: Carico mobile centrato -0.0976 0.1089 0.0231 0.0691

Beam 2: End 2: 1: G1 -0.3542 0.4101 -0.0425 0.1747

Beam 2: End 2: 2: G2 -0.0704 0.0837 -0.0070 0.0365

Beam 2: End 2: 3: Vento Q5 -0.0058 0.0058 0.0000 -0.0026

Beam 2: End 2: 4: Carico mobile centrato -0.1337 0.2094 0.0231 0.0691

Beam 3: End 1: 1: G1 -0.2921 0.3683 -0.0087 0.1617

Beam 3: End 1: 2: G2 -0.0594 0.0762 -0.0015 0.0293

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 3: End 1: 3: Vento Q5 -0.0044 0.0036 0.0000 -0.0026

Beam 3: End 1: 4: Carico mobile centrato -0.1734 0.2353 0.0031 0.0680

Beam 3: End 2: 1: G1 -0.8933 1.1443 -0.0087 0.1317

Beam 3: End 2: 2: G2 -0.1777 0.2300 -0.0015 0.0293

Beam 3: End 2: 3: Vento Q5 -0.0158 0.0119 0.0000 -0.0020

Beam 3: End 2: 4: Carico mobile centrato -0.4259 0.5767 0.0031 0.0680

Beam 4: End 1: 1: G1 -0.9537 1.2151 -0.0054 0.1623

Beam 4: End 1: 2: G2 -0.1903 0.2446 -0.0010 0.0328

Beam 4: End 1: 3: Vento Q5 -0.0171 0.0132 0.0000 -0.0027

Beam 4: End 1: 4: Carico mobile centrato -0.4779 0.6297 0.0004 0.0841

Beam 4: End 2: 1: G1 -1.1422 1.4608 -0.0054 0.1513

Beam 4: End 2: 2: G2 -0.2294 0.2957 -0.0010 0.0328

Beam 4: End 2: 3: Vento Q5 -0.0209 0.0160 0.0000 -0.0024

Beam 4: End 2: 4: Carico mobile centrato -0.5736 0.7577 0.0004 0.0841

Beam 5: End 1: 1: G1 -1.2232 1.8223 -0.0073 0.2058

Beam 5: End 1: 2: G2 -0.2455 0.3693 -0.0013 0.0446

Beam 5: End 1: 3: Vento Q5 -0.0261 0.0171 -0.0001 -0.0033

Beam 5: End 1: 4: Carico mobile centrato -0.6128 0.9492 0.0006 0.1144

Beam 5: End 2: 1: G1 -1.5347 2.2954 -0.0073 0.1874

Beam 5: End 2: 2: G2 -0.3152 0.4760 -0.0013 0.0446

Beam 5: End 2: 3: Vento Q5 -0.0330 0.0213 -0.0001 -0.0027

Beam 5: End 2: 4: Carico mobile centrato -0.7831 1.2169 0.0006 0.1144

Beam 6: End 1: 1: G1 -1.4917 2.2682 -0.0035 0.1704

Beam 6: End 1: 2: G2 -0.3077 0.4711 -0.0007 0.0331

Beam 6: End 1: 3: Vento Q5 -0.0337 0.0224 -0.0001 -0.0030

Beam 6: End 1: 4: Carico mobile centrato -0.8739 1.2654 -0.0030 0.0981

Beam 6: End 2: 1: G1 -1.9609 2.9914 -0.0035 0.1337

Beam 6: End 2: 2: G2 -0.4094 0.6283 -0.0007 0.0331

Beam 6: End 2: 3: Vento Q5 -0.0446 0.0290 -0.0001 -0.0018

Beam 6: End 2: 4: Carico mobile centrato -1.1455 1.7102 -0.0030 0.0981

Beam 7: End 1: 1: G1 -1.9328 2.9737 -0.0019 0.1185

Beam 7: End 1: 2: G2 -0.4045 0.6251 -0.0004 0.0219

Beam 7: End 1: 3: Vento Q5 -0.0450 0.0298 0.0000 -0.0021

Beam 7: End 1: 4: Carico mobile centrato -1.2838 1.7856 -0.0045 0.0729

Beam 7: End 2: 1: G1 -2.2395 3.4483 -0.0019 0.0817

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 7: End 2: 2: G2 -0.4713 0.7288 -0.0004 0.0219

Beam 7: End 2: 3: Vento Q5 -0.0520 0.0341 0.0000 -0.0010

Beam 7: End 2: 4: Carico mobile centrato -1.4722 2.1068 -0.0045 0.0729

Beam 8: End 1: 1: G1 -2.2228 3.4377 -0.0012 0.0679

Beam 8: End 1: 2: G2 -0.4684 0.7269 -0.0002 0.0109

Beam 8: End 1: 3: Vento Q5 -0.0523 0.0345 0.0000 -0.0013

Beam 8: End 1: 4: Carico mobile centrato -1.5910 2.1718 -0.0020 0.0401

Beam 8: End 2: 1: G1 -2.3757 3.6732 -0.0012 0.0311

Beam 8: End 2: 2: G2 -0.5017 0.7785 -0.0002 0.0109

Beam 8: End 2: 3: Vento Q5 -0.0557 0.0366 0.0000 -0.0002

Beam 8: End 2: 4: Carico mobile centrato -1.6974 2.3504 -0.0020 0.0401

Beam 9: End 1: 1: G1 -2.3687 3.6680 -0.0008 0.0179

Beam 9: End 1: 2: G2 -0.5006 0.7777 -0.0001 -0.0001

Beam 9: End 1: 3: Vento Q5 -0.0558 0.0367 0.0000 -0.0006

Beam 9: End 1: 4: Carico mobile centrato -1.7199 2.3624 0.0041 0.0029

Beam 9: End 2: 1: G1 -2.3841 3.6901 -0.0008 -0.0004

Beam 9: End 2: 2: G2 -0.5008 0.7778 -0.0001 -0.0001

Beam 9: End 2: 3: Vento Q5 -0.0565 0.0372 0.0000 0.0000

Beam 9: End 2: 4: Carico mobile centrato -1.7361 2.3774 0.0041 0.0029

Beam 10: End 1: 1: G1 -2.3841 3.6901 -0.0008 -0.0004

Beam 10: End 1: 2: G2 -0.5008 0.7778 -0.0001 -0.0001

Beam 10: End 1: 3: Vento Q5 -0.0565 0.0372 0.0000 0.0000

Beam 10: End 1: 4: Carico mobile centrato -1.7361 2.3774 0.0041 0.0029

Beam 10: End 2: 1: G1 -2.3723 3.6694 -0.0008 -0.0188

Beam 10: End 2: 2: G2 -0.5010 0.7778 -0.0001 -0.0001

Beam 10: End 2: 3: Vento Q5 -0.0558 0.0367 0.0000 0.0006

Beam 10: End 2: 4: Carico mobile centrato -1.7522 2.3924 0.0041 0.0029

Beam 11: End 1: 1: G1 -2.3744 3.6690 -0.0006 -0.0320

Beam 11: End 1: 2: G2 -0.5015 0.7780 0.0000 -0.0110

Beam 11: End 1: 3: Vento Q5 -0.0558 0.0366 0.0000 0.0002

Beam 11: End 1: 4: Carico mobile centrato -1.6577 2.3402 0.0111 -0.0340

Beam 11: End 2: 1: G1 -2.2292 3.4365 -0.0006 -0.0688

Beam 11: End 2: 2: G2 -0.4692 0.7268 0.0000 -0.0110

Beam 11: End 2: 3: Vento Q5 -0.0523 0.0344 0.0000 0.0013

Beam 11: End 2: 4: Carico mobile centrato -1.6228 2.2273 0.0111 -0.0340

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 12: End 1: 1: G1 -2.2405 3.4411 0.0000 -0.0827

Beam 12: End 1: 2: G2 -0.4714 0.7280 0.0001 -0.0220

Beam 12: End 1: 3: Vento Q5 -0.0521 0.0341 0.0000 0.0009

Beam 12: End 1: 4: Carico mobile centrato -1.4182 2.1147 0.0168 -0.0660

Beam 12: End 2: 1: G1 -1.9426 2.9701 0.0000 -0.1195

Beam 12: End 2: 2: G2 -0.4056 0.6247 0.0001 -0.0220

Beam 12: End 2: 3: Vento Q5 -0.0451 0.0297 0.0000 0.0021

Beam 12: End 2: 4: Carico mobile centrato -1.3225 1.8763 0.0168 -0.0660

Beam 13: End 1: 1: G1 -1.9646 2.9808 0.0012 -0.1347

Beam 13: End 1: 2: G2 -0.4099 0.6271 0.0004 -0.0333

Beam 13: End 1: 3: Vento Q5 -0.0447 0.0290 0.0000 0.0018

Beam 13: End 1: 4: Carico mobile centrato -1.0679 1.7370 0.0206 -0.0898

Beam 13: End 2: 1: G1 -1.5058 2.2624 0.0012 -0.1715

Beam 13: End 2: 2: G2 -0.3093 0.4704 0.0004 -0.0333

Beam 13: End 2: 3: Vento Q5 -0.0338 0.0222 0.0000 0.0029

Beam 13: End 2: 4: Carico mobile centrato -0.9243 1.4031 0.0206 -0.0898

Beam 14: End 1: 1: G1 -1.5412 2.2810 0.0046 -0.1885

Beam 14: End 1: 2: G2 -0.3160 0.4744 0.0010 -0.0447

Beam 14: End 1: 3: Vento Q5 -0.0332 0.0213 0.0000 0.0027

Beam 14: End 1: 4: Carico mobile centrato -0.7141 1.2981 0.0241 -0.1049

Beam 14: End 2: 1: G1 -1.2361 1.8108 0.0046 -0.2069

Beam 14: End 2: 2: G2 -0.2470 0.3680 0.0010 -0.0447

Beam 14: End 2: 3: Vento Q5 -0.0263 0.0169 0.0000 0.0033

Beam 14: End 2: 4: Carico mobile centrato -0.5738 1.0637 0.0241 -0.1049

Beam 15: End 1: 1: G1 -1.1531 1.4542 0.0034 -0.1520

Beam 15: End 1: 2: G2 -0.2307 0.2950 0.0008 -0.0329

Beam 15: End 1: 3: Vento Q5 -0.0210 0.0158 0.0000 0.0024

Beam 15: End 1: 4: Carico mobile centrato -0.5434 0.8348 0.0177 -0.0771

Beam 15: End 2: 1: G1 -0.9679 1.2103 0.0034 -0.1631

Beam 15: End 2: 2: G2 -0.1919 0.2440 0.0008 -0.0329

Beam 15: End 2: 3: Vento Q5 -0.0171 0.0130 0.0000 0.0027

Beam 15: End 2: 4: Carico mobile centrato -0.4948 0.7448 0.0177 -0.0771

Beam 16: End 1: 1: G1 -0.9031 1.1392 0.0071 -0.1323

Beam 16: End 1: 2: G2 -0.1789 0.2294 0.0013 -0.0294

Beam 16: End 1: 3: Vento Q5 -0.0159 0.0118 0.0000 0.0020

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Beam 16: End 1: 4: Carico mobile centrato -0.4019 0.6456 0.0140 -0.0623

Beam 16: End 2: 1: G1 -0.3115 0.3685 0.0071 -0.1623

Beam 16: End 2: 2: G2 -0.0616 0.0762 0.0013 -0.0294

Beam 16: End 2: 3: Vento Q5 -0.0044 0.0033 0.0000 0.0026

Beam 16: End 2: 4: Carico mobile centrato -0.2785 0.4081 0.0140 -0.0623

Beam 17: End 1: 1: G1 -0.3637 0.4014 0.0409 -0.1754

Beam 17: End 1: 2: G2 -0.0715 0.0827 0.0069 -0.0365

Beam 17: End 1: 3: Vento Q5 -0.0059 0.0055 0.0000 0.0025

Beam 17: End 1: 4: Carico mobile centrato -0.0628 0.2815 -0.0037 -0.0632

Beam 17: End 2: 1: G1 -0.1014 0.0722 0.0409 -0.1889

Beam 17: End 2: 2: G2 -0.0151 0.0115 0.0069 -0.0365

Beam 17: End 2: 3: Vento Q5 -0.0026 0.0026 0.0000 0.0028

Beam 17: End 2: 4: Carico mobile centrato 0.0285 0.1489 -0.0037 -0.0632

Beam 18: End 1: 1: G1 -0.0025 0.0019 0.0000 0.0055

Beam 18: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 18: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 -0.0001

Beam 18: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 18: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000

Beam 18: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 18: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 18: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 19: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000

Beam 19: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 19: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 19: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 19: End 2: 1: G1 -0.0025 0.0019 0.0000 -0.0055

Beam 19: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 19: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0001

Beam 19: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 20: End 1: 1: G1 -0.0764 0.0769 0.0295 0.1435

Beam 20: End 1: 2: G2 -0.0118 0.0122 0.0048 0.0297

Beam 20: End 1: 3: Vento Q5 -0.0047 0.0043 0.0000 -0.0018

Beam 20: End 1: 4: Carico mobile centrato -0.1055 0.0384 -0.0112 0.0857

Beam 20: End 2: 1: G1 -0.3995 0.4515 0.0295 0.1300

Beam 20: End 2: 2: G2 -0.0768 0.0899 0.0048 0.0297

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Beam 20: End 2: 3: Vento Q5 -0.0064 0.0071 0.0000 -0.0017

Beam 20: End 2: 4: Carico mobile centrato -0.1448 0.1158 -0.0112 0.0857

Beam 21: End 1: 1: G1 -0.2588 0.3541 0.0026 0.1309

Beam 21: End 1: 2: G2 -0.0546 0.0746 0.0004 0.0246

Beam 21: End 1: 3: Vento Q5 -0.0030 0.0021 0.0001 -0.0017

Beam 21: End 1: 4: Carico mobile centrato -0.0560 0.0573 -0.0004 0.0883

Beam 21: End 2: 1: G1 -0.7022 0.9450 0.0026 0.1009

Beam 21: End 2: 2: G2 -0.1477 0.1993 0.0004 0.0246

Beam 21: End 2: 3: Vento Q5 -0.0109 0.0081 0.0001 -0.0014

Beam 21: End 2: 4: Carico mobile centrato -0.3817 0.4992 -0.0004 0.0883

Beam 22: End 1: 1: G1 -0.7420 1.0012 0.0017 0.1304

Beam 22: End 1: 2: G2 -0.1572 0.2119 0.0003 0.0279

Beam 22: End 1: 3: Vento Q5 -0.0121 0.0092 0.0001 -0.0018

Beam 22: End 1: 4: Carico mobile centrato -0.3882 0.5156 0.0007 0.1230

Beam 22: End 2: 1: G1 -0.8866 1.1930 0.0017 0.1194

Beam 22: End 2: 2: G2 -0.1893 0.2546 0.0003 0.0279

Beam 22: End 2: 3: Vento Q5 -0.0148 0.0114 0.0001 -0.0017

Beam 22: End 2: 4: Carico mobile centrato -0.5254 0.7009 0.0007 0.1230

Beam 23: End 1: 1: G1 -0.9458 1.4980 0.0023 0.1624

Beam 23: End 1: 2: G2 -0.2019 0.3197 0.0003 0.0380

Beam 23: End 1: 3: Vento Q5 -0.0186 0.0122 0.0001 -0.0023

Beam 23: End 1: 4: Carico mobile centrato -0.5608 0.8792 0.0010 0.1673

Beam 23: End 2: 1: G1 -1.1784 1.8597 0.0023 0.1440

Beam 23: End 2: 2: G2 -0.2589 0.4089 0.0003 0.0380

Beam 23: End 2: 3: Vento Q5 -0.0236 0.0155 0.0001 -0.0019

Beam 23: End 2: 4: Carico mobile centrato -0.8047 1.2671 0.0010 0.1673

Beam 24: End 1: 1: G1 -1.2207 1.8862 0.0045 0.1419

Beam 24: End 1: 2: G2 -0.2648 0.4126 0.0007 0.0287

Beam 24: End 1: 3: Vento Q5 -0.0244 0.0165 0.0001 -0.0020

Beam 24: End 1: 4: Carico mobile centrato -0.6842 1.2152 0.0008 0.2006

Beam 24: End 2: 1: G1 -1.5584 2.4431 0.0045 0.1051

Beam 24: End 2: 2: G2 -0.3453 0.5435 0.0007 0.0287

Beam 24: End 2: 3: Vento Q5 -0.0325 0.0220 0.0001 -0.0013

Beam 24: End 2: 4: Carico mobile centrato -1.2738 2.1487 0.0008 0.2006

Beam 25: End 1: 1: G1 -1.6174 2.4818 0.0042 0.1016

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Beam 25: End 1: 2: G2 -0.3546 0.5496 0.0007 0.0193

Beam 25: End 1: 3: Vento Q5 -0.0328 0.0223 0.0001 -0.0014

Beam 25: End 1: 4: Carico mobile centrato -1.1306 2.0942 0.0008 0.2515

Beam 25: End 2: 1: G1 -1.8377 2.8520 0.0042 0.0648

Beam 25: End 2: 2: G2 -0.4074 0.6366 0.0007 0.0193

Beam 25: End 2: 3: Vento Q5 -0.0381 0.0259 0.0001 -0.0007

Beam 25: End 2: 4: Carico mobile centrato -1.8773 3.2699 0.0008 0.2515

Beam 26: End 1: 1: G1 -1.8712 2.8739 0.0019 0.0603

Beam 26: End 1: 2: G2 -0.4129 0.6401 0.0003 0.0097

Beam 26: End 1: 3: Vento Q5 -0.0382 0.0260 0.0000 -0.0009

Beam 26: End 1: 4: Carico mobile centrato -1.7598 3.2263 0.0006 0.1185

Beam 26: End 2: 1: G1 -1.9838 3.0616 0.0019 0.0235

Beam 26: End 2: 2: G2 -0.4395 0.6839 0.0003 0.0097

Beam 26: End 2: 3: Vento Q5 -0.0408 0.0278 0.0000 -0.0002

Beam 26: End 2: 4: Carico mobile centrato -2.1129 3.7810 0.0006 0.1185

Beam 27: End 1: 1: G1 -1.9894 3.0652 -0.0015 0.0185

Beam 27: End 1: 2: G2 -0.4406 0.6846 -0.0002 0.0000

Beam 27: End 1: 3: Vento Q5 -0.0408 0.0278 0.0000 -0.0003

Beam 27: End 1: 4: Carico mobile centrato -2.0837 3.7688 0.0000 -0.0059

Beam 27: End 2: 1: G1 -2.0075 3.0899 -0.0015 0.0001

Beam 27: End 2: 2: G2 -0.4412 0.6850 -0.0002 0.0000

Beam 27: End 2: 3: Vento Q5 -0.0412 0.0281 0.0000 0.0000

Beam 27: End 2: 4: Carico mobile centrato -2.0748 3.7549 0.0000 -0.0059

Beam 28: End 1: 1: G1 -2.0075 3.0899 -0.0015 0.0001

Beam 28: End 1: 2: G2 -0.4412 0.6850 -0.0002 0.0000

Beam 28: End 1: 3: Vento Q5 -0.0412 0.0281 0.0000 0.0000

Beam 28: End 1: 4: Carico mobile centrato -2.0748 3.7549 0.0000 -0.0059

Beam 28: End 2: 1: G1 -1.9984 3.0718 -0.0015 -0.0183

Beam 28: End 2: 2: G2 -0.4417 0.6854 -0.0002 0.0000

Beam 28: End 2: 3: Vento Q5 -0.0408 0.0278 0.0000 0.0004

Beam 28: End 2: 4: Carico mobile centrato -2.0659 3.7411 0.0000 -0.0059

Beam 29: End 1: 1: G1 -1.9747 3.0560 -0.0049 -0.0233

Beam 29: End 1: 2: G2 -0.4384 0.6832 -0.0007 -0.0097

Beam 29: End 1: 3: Vento Q5 -0.0407 0.0278 0.0000 0.0002

Beam 29: End 1: 4: Carico mobile centrato -2.1432 3.7664 -0.0008 -0.1310

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Beam 29: End 2: 1: G1 -1.8807 2.8820 -0.0049 -0.0601

Beam 29: End 2: 2: G2 -0.4140 0.6411 -0.0007 -0.0097

Beam 29: End 2: 3: Vento Q5 -0.0380 0.0260 0.0000 0.0009

Beam 29: End 2: 4: Carico mobile centrato -1.7523 3.1527 -0.0008 -0.1310

Beam 30: End 1: 1: G1 -1.8280 2.8471 -0.0076 -0.0645

Beam 30: End 1: 2: G2 -0.4063 0.6359 -0.0011 -0.0193

Beam 30: End 1: 3: Vento Q5 -0.0379 0.0260 -0.0001 0.0008

Beam 30: End 1: 4: Carico mobile centrato -1.9283 3.2120 -0.0012 -0.2660

Beam 30: End 2: 1: G1 -1.6281 2.4918 -0.0076 -0.1013

Beam 30: End 2: 2: G2 -0.3560 0.5507 -0.0011 -0.0193

Beam 30: End 2: 3: Vento Q5 -0.0325 0.0224 -0.0001 0.0015

Beam 30: End 2: 4: Carico mobile centrato -1.1368 1.9674 -0.0012 -0.2660

Beam 31: End 1: 1: G1 -1.5473 2.4387 -0.0082 -0.1047

Beam 31: End 1: 2: G2 -0.3440 0.5428 -0.0012 -0.0287

Beam 31: End 1: 3: Vento Q5 -0.0322 0.0221 -0.0001 0.0013

Beam 31: End 1: 4: Carico mobile centrato -1.3632 2.0445 -0.0018 -0.2178

Beam 31: End 2: 1: G1 -1.2325 1.8985 -0.0082 -0.1415

Beam 31: End 2: 2: G2 -0.2663 0.4139 -0.0012 -0.0287

Beam 31: End 2: 3: Vento Q5 -0.0240 0.0166 -0.0001 0.0020

Beam 31: End 2: 4: Carico mobile centrato -0.7176 1.0271 -0.0018 -0.2178

Beam 32: End 1: 1: G1 -1.1870 1.8709 -0.0064 -0.1436

Beam 32: End 1: 2: G2 -0.2602 0.4101 -0.0009 -0.0380

Beam 32: End 1: 3: Vento Q5 -0.0233 0.0159 -0.0001 0.0019

Beam 32: End 1: 4: Carico mobile centrato -0.9547 1.1040 -0.0035 -0.1872

Beam 32: End 2: 1: G1 -0.9427 1.5015 -0.0064 -0.1620

Beam 32: End 2: 2: G2 -0.2017 0.3199 -0.0009 -0.0380

Beam 32: End 2: 3: Vento Q5 -0.0181 0.0124 -0.0001 0.0023

Beam 32: End 2: 4: Carico mobile centrato -0.6825 0.6705 -0.0035 -0.1872

Beam 33: End 1: 1: G1 -0.8840 1.1951 -0.0047 -0.1191

Beam 33: End 1: 2: G2 -0.1891 0.2547 -0.0006 -0.0279

Beam 33: End 1: 3: Vento Q5 -0.0146 0.0116 -0.0001 0.0017

Beam 33: End 1: 4: Carico mobile centrato -0.6250 0.5671 -0.0025 -0.1376

Beam 33: End 2: 1: G1 -0.7332 0.9992 -0.0047 -0.1301

Beam 33: End 2: 2: G2 -0.1562 0.2115 -0.0006 -0.0279

Beam 33: End 2: 3: Vento Q5 -0.0118 0.0094 -0.0001 0.0018

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Beam 33: End 2: 4: Carico mobile centrato -0.4753 0.3625 -0.0025 -0.1376

Beam 34: End 1: 1: G1 -0.7001 0.9470 -0.0051 -0.1006

Beam 34: End 1: 2: G2 -0.1475 0.1995 -0.0007 -0.0246

Beam 34: End 1: 3: Vento Q5 -0.0107 0.0083 -0.0001 0.0014

Beam 34: End 1: 4: Carico mobile centrato -0.4717 0.3842 -0.0019 -0.1003

Beam 34: End 2: 1: G1 -0.2483 0.3507 -0.0051 -0.1307

Beam 34: End 2: 2: G2 -0.0522 0.0732 -0.0007 -0.0246

Beam 34: End 2: 3: Vento Q5 -0.0026 0.0022 -0.0001 0.0017

Beam 34: End 2: 4: Carico mobile centrato -0.1406 -0.0688 -0.0019 -0.1003

Beam 35: End 1: 1: G1 -0.4017 0.4578 -0.0322 -0.1297

Beam 35: End 1: 2: G2 -0.0774 0.0906 -0.0052 -0.0297

Beam 35: End 1: 3: Vento Q5 -0.0062 0.0076 0.0000 0.0017

Beam 35: End 1: 4: Carico mobile centrato -0.3671 0.0174 0.0085 -0.0981

Beam 35: End 2: 1: G1 -0.0698 0.0773 -0.0322 -0.1432

Beam 35: End 2: 2: G2 -0.0112 0.0121 -0.0052 -0.0297

Beam 35: End 2: 3: Vento Q5 -0.0043 0.0047 0.0000 0.0019

Beam 35: End 2: 4: Carico mobile centrato -0.2286 -0.1680 0.0085 -0.0981

Beam 36: End 1: 1: G1 -0.0025 0.0019 0.0000 0.0055

Beam 36: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 36: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 -0.0001

Beam 36: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 36: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000

Beam 36: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 36: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 36: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 37: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000

Beam 37: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 37: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 37: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 37: End 2: 1: G1 -0.0025 0.0019 0.0000 -0.0055

Beam 37: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 37: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 37: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 38: End 1: 1: G1 -0.0180 0.0204 0.0035 0.1407

Beam 38: End 1: 2: G2 -0.0028 0.0033 0.0005 0.0294

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Beam 38: End 1: 3: Vento Q5 -0.0055 0.0054 0.0001 -0.0006

Beam 38: End 1: 4: Carico mobile centrato -0.0970 0.1057 -0.0317 0.0714

Beam 38: End 2: 1: G1 -0.2496 0.3281 0.0035 0.1272

Beam 38: End 2: 2: G2 -0.0529 0.0703 0.0005 0.0294

Beam 38: End 2: 3: Vento Q5 -0.0049 0.0062 0.0001 -0.0006

Beam 38: End 2: 4: Carico mobile centrato -0.1609 0.2282 -0.0317 0.0714

Beam 39: End 1: 1: G1 -0.2488 0.3251 0.0018 0.1272

Beam 39: End 1: 2: G2 -0.0527 0.0698 0.0003 0.0241

Beam 39: End 1: 3: Vento Q5 -0.0016 0.0015 0.0000 -0.0006

Beam 39: End 1: 4: Carico mobile centrato -0.2176 0.2661 -0.0084 0.0699

Beam 39: End 2: 1: G1 -0.6532 0.8798 0.0018 0.0972

Beam 39: End 2: 2: G2 -0.1402 0.1894 0.0003 0.0241

Beam 39: End 2: 3: Vento Q5 -0.0042 0.0033 0.0000 -0.0005

Beam 39: End 2: 4: Carico mobile centrato -0.4279 0.5826 -0.0084 0.0699

Beam 40: End 1: 1: G1 -0.7123 0.9440 0.0011 0.1256

Beam 40: End 1: 2: G2 -0.1526 0.2031 0.0001 0.0273

Beam 40: End 1: 3: Vento Q5 -0.0051 0.0044 0.0000 -0.0006

Beam 40: End 1: 4: Carico mobile centrato -0.4718 0.6301 -0.0083 0.0862

Beam 40: End 2: 1: G1 -0.8466 1.1251 0.0011 0.1145

Beam 40: End 2: 2: G2 -0.1833 0.2444 0.0001 0.0273

Beam 40: End 2: 3: Vento Q5 -0.0060 0.0051 0.0000 -0.0006

Beam 40: End 2: 4: Carico mobile centrato -0.5781 0.7670 -0.0083 0.0862

Beam 41: End 1: 1: G1 -0.9039 1.4107 0.0015 0.1558

Beam 41: End 1: 2: G2 -0.1957 0.3066 0.0002 0.0371

Beam 41: End 1: 3: Vento Q5 -0.0074 0.0055 0.0000 -0.0008

Beam 41: End 1: 4: Carico mobile centrato -0.6173 0.9614 -0.0113 0.1172

Beam 41: End 2: 1: G1 -1.1246 1.7554 0.0015 0.1374

Beam 41: End 2: 2: G2 -0.2510 0.3935 0.0002 0.0371

Beam 41: End 2: 3: Vento Q5 -0.0091 0.0065 0.0000 -0.0007

Beam 41: End 2: 4: Carico mobile centrato -0.8234 1.2578 -0.0113 0.1172

Beam 42: End 1: 1: G1 -1.1330 1.7616 0.0008 0.1359

Beam 42: End 1: 2: G2 -0.2519 0.3942 0.0001 0.0279

Beam 42: End 1: 3: Vento Q5 -0.0106 0.0087 0.0000 -0.0007

Beam 42: End 1: 4: Carico mobile centrato -0.8478 1.2575 -0.0070 0.1003

Beam 42: End 2: 1: G1 -1.4749 2.3059 0.0008 0.0991

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Beam 42: End 2: 2: G2 -0.3337 0.5239 0.0001 0.0279
Beam 42: End 2: 3: Vento Q5 -0.0133 0.0104 0.0000 -0.0005
Beam 42: End 2: 4: Carico mobile centrato -1.1847 1.7535 -0.0070 0.1003
Beam 43: End 1: 1: G1 -1.4872 2.3151 0.0007 0.0971
Beam 43: End 1: 2: G2 -0.3353 0.5252 0.0001 0.0187
Beam 43: End 1: 3: Vento Q5 -0.0141 0.0115 0.0000 -0.0005
Beam 43: End 1: 4: Carico mobile centrato -1.2693 1.7883 -0.0020 0.0745
Beam 43: End 2: 1: G1 -1.7151 2.6789 0.0007 0.0603
Beam 43: End 2: 2: G2 -0.3898 0.6117 0.0001 0.0187
Beam 43: End 2: 3: Vento Q5 -0.0159 0.0127 0.0000 -0.0003
Beam 43: End 2: 4: Carico mobile centrato -1.5007 2.1437 -0.0020 0.0745
Beam 44: End 1: 1: G1 -1.7223 2.6843 0.0003 0.0580
Beam 44: End 1: 2: G2 -0.3908 0.6125 0.0000 0.0094
Beam 44: End 1: 3: Vento Q5 -0.0163 0.0132 0.0000 -0.0003
Beam 44: End 1: 4: Carico mobile centrato -1.5844 2.1816 -0.0012 0.0409
Beam 44: End 2: 1: G1 -1.8376 2.8678 0.0003 0.0212
Beam 44: End 2: 2: G2 -0.4181 0.6560 0.0000 0.0094
Beam 44: End 2: 3: Vento Q5 -0.0173 0.0139 0.0000 -0.0001
Beam 44: End 2: 4: Carico mobile centrato -1.7122 2.3773 -0.0012 0.0409
Beam 45: End 1: 1: G1 -1.8368 2.8679 -0.0006 0.0187
Beam 45: End 1: 2: G2 -0.4181 0.6560 -0.0001 0.0000
Beam 45: End 1: 3: Vento Q5 -0.0173 0.0139 0.0000 -0.0001
Beam 45: End 1: 4: Carico mobile centrato -1.7221 2.3796 -0.0041 0.0031
Beam 45: End 2: 1: G1 -1.8527 2.8914 -0.0006 0.0003
Beam 45: End 2: 2: G2 -0.4184 0.6563 -0.0001 0.0000
Beam 45: End 2: 3: Vento Q5 -0.0175 0.0141 0.0000 0.0000
Beam 45: End 2: 4: Carico mobile centrato -1.7387 2.3953 -0.0041 0.0031
Beam 46: End 1: 1: G1 -1.8527 2.8914 -0.0006 0.0003
Beam 46: End 1: 2: G2 -0.4184 0.6563 -0.0001 0.0000
Beam 46: End 1: 3: Vento Q5 -0.0175 0.0141 0.0000 0.0000
Beam 46: End 1: 4: Carico mobile centrato -1.7387 2.3953 -0.0041 0.0031
Beam 46: End 2: 1: G1 -1.8416 2.8721 -0.0006 -0.0181
Beam 46: End 2: 2: G2 -0.4187 0.6565 -0.0001 0.0000
Beam 46: End 2: 3: Vento Q5 -0.0174 0.0141 0.0000 0.0001
Beam 46: End 2: 4: Carico mobile centrato -1.7554 2.4109 -0.0041 0.0031

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 47: End 1: 1: G1 -1.8312 2.8659 -0.0016 -0.0205

Beam 47: End 1: 2: G2 -0.4173 0.6557 -0.0002 -0.0093

Beam 47: End 1: 3: Vento Q5 -0.0171 0.0137 0.0001 0.0001

Beam 47: End 1: 4: Carico mobile centrato -1.6712 2.3669 -0.0080 -0.0344

Beam 47: End 2: 1: G1 -1.7257 2.6910 -0.0016 -0.0573

Beam 47: End 2: 2: G2 -0.3912 0.6134 -0.0002 -0.0093

Beam 47: End 2: 3: Vento Q5 -0.0164 0.0134 0.0001 0.0003

Beam 47: End 2: 4: Carico mobile centrato -1.6168 2.2393 -0.0080 -0.0344

Beam 48: End 1: 1: G1 -1.7067 2.6791 -0.0021 -0.0596

Beam 48: End 1: 2: G2 -0.3887 0.6118 -0.0003 -0.0186

Beam 48: End 1: 3: Vento Q5 -0.0157 0.0125 0.0001 0.0003

Beam 48: End 1: 4: Carico mobile centrato -1.4439 2.1518 -0.0102 -0.0670

Beam 48: End 2: 1: G1 -1.4892 2.3243 -0.0021 -0.0964

Beam 48: End 2: 2: G2 -0.3356 0.5264 -0.0003 -0.0186

Beam 48: End 2: 3: Vento Q5 -0.0142 0.0118 0.0001 0.0005

Beam 48: End 2: 4: Carico mobile centrato -1.3068 1.8819 -0.0102 -0.0670

Beam 49: End 1: 1: G1 -1.4640 2.3082 -0.0023 -0.0984

Beam 49: End 1: 2: G2 -0.3323 0.5242 -0.0003 -0.0278

Beam 49: End 1: 3: Vento Q5 -0.0131 0.0102 0.0001 0.0005

Beam 49: End 1: 4: Carico mobile centrato -1.0989 1.7793 -0.0107 -0.0913

Beam 49: End 2: 1: G1 -1.1331 1.7733 -0.0023 -0.1352

Beam 49: End 2: 2: G2 -0.2520 0.3958 -0.0003 -0.0278

Beam 49: End 2: 3: Vento Q5 -0.0107 0.0090 0.0001 0.0007

Beam 49: End 2: 4: Carico mobile centrato -0.8927 1.3978 -0.0107 -0.0913

Beam 50: End 1: 1: G1 -1.1196 1.7658 -0.0031 -0.1367

Beam 50: End 1: 2: G2 -0.2504 0.3949 -0.0004 -0.0370

Beam 50: End 1: 3: Vento Q5 -0.0087 0.0063 0.0001 0.0007

Beam 50: End 1: 4: Carico mobile centrato -0.7147 1.3203 -0.0139 -0.1069

Beam 50: End 2: 1: G1 -0.8953 1.4194 -0.0031 -0.1551

Beam 50: End 2: 2: G2 -0.1945 0.3078 -0.0004 -0.0370

Beam 50: End 2: 3: Vento Q5 -0.0073 0.0056 0.0001 0.0008

Beam 50: End 2: 4: Carico mobile centrato -0.5612 1.0742 -0.0139 -0.1069

Beam 51: End 1: 1: G1 -0.8393 1.1303 -0.0023 -0.1140

Beam 51: End 1: 2: G2 -0.1824 0.2452 -0.0003 -0.0272

Beam 51: End 1: 3: Vento Q5 -0.0059 0.0052 0.0001 0.0006

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 51: End 1: 4: Carico mobile centrato -0.5327 0.8406 -0.0102 -0.0786

Beam 51: End 2: 1: G1 -0.7081 0.9517 -0.0023 -0.1250

Beam 51: End 2: 2: G2 -0.1521 0.2042 -0.0003 -0.0272

Beam 51: End 2: 3: Vento Q5 -0.0051 0.0047 0.0001 0.0006

Beam 51: End 2: 4: Carico mobile centrato -0.4663 0.7370 -0.0102 -0.0786

Beam 52: End 1: 1: G1 -0.6470 0.8840 -0.0028 -0.0968

Beam 52: End 1: 2: G2 -0.1393 0.1900 -0.0004 -0.0241

Beam 52: End 1: 3: Vento Q5 -0.0041 0.0034 0.0001 0.0005

Beam 52: End 1: 4: Carico mobile centrato -0.3850 0.6448 -0.0104 -0.0636

Beam 52: End 2: 1: G1 -0.2509 0.3360 -0.0028 -0.1268

Beam 52: End 2: 2: G2 -0.0531 0.0714 -0.0004 -0.0241

Beam 52: End 2: 3: Vento Q5 -0.0019 0.0021 0.0001 0.0006

Beam 52: End 2: 4: Carico mobile centrato -0.2295 0.3818 -0.0104 -0.0636

Beam 53: End 1: 1: G1 -0.2433 0.3342 -0.0045 -0.1268

Beam 53: End 1: 2: G2 -0.0520 0.0711 -0.0007 -0.0293

Beam 53: End 1: 3: Vento Q5 -0.0049 0.0065 0.0000 0.0006

Beam 53: End 1: 4: Carico mobile centrato -0.0379 0.2743 0.0089 -0.0650

Beam 53: End 2: 1: G1 -0.0090 0.0251 -0.0045 -0.1403

Beam 53: End 2: 2: G2 -0.0015 0.0039 -0.0007 -0.0293

Beam 53: End 2: 3: Vento Q5 -0.0054 0.0054 0.0000 0.0006

Beam 53: End 2: 4: Carico mobile centrato 0.0390 0.1498 0.0089 -0.0650

Beam 54: End 1: 1: G1 -0.0025 0.0019 0.0000 0.0055

Beam 54: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 54: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 54: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 54: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000

Beam 54: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 54: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 54: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 55: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000

Beam 55: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 55: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 55: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 55: End 2: 1: G1 -0.0025 0.0019 0.0000 -0.0055

Beam 55: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 55: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 55: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 56: End 1: 1: G1 -0.0180 0.0204 -0.0035 0.1407

Beam 56: End 1: 2: G2 -0.0028 0.0033 -0.0005 0.0294

Beam 56: End 1: 3: Vento Q5 -0.0054 0.0055 0.0001 0.0006

Beam 56: End 1: 4: Carico mobile centrato -0.0970 0.1057 0.0317 0.0714

Beam 56: End 2: 1: G1 -0.2496 0.3281 -0.0035 0.1272

Beam 56: End 2: 2: G2 -0.0529 0.0703 -0.0005 0.0294

Beam 56: End 2: 3: Vento Q5 -0.0062 0.0049 0.0001 0.0006

Beam 56: End 2: 4: Carico mobile centrato -0.1609 0.2282 0.0317 0.0714

Beam 57: End 1: 1: G1 -0.2488 0.3251 -0.0018 0.1272

Beam 57: End 1: 2: G2 -0.0527 0.0698 -0.0003 0.0241

Beam 57: End 1: 3: Vento Q5 -0.0015 0.0016 0.0000 0.0006

Beam 57: End 1: 4: Carico mobile centrato -0.2176 0.2661 0.0084 0.0699

Beam 57: End 2: 1: G1 -0.6532 0.8798 -0.0018 0.0972

Beam 57: End 2: 2: G2 -0.1402 0.1894 -0.0003 0.0241

Beam 57: End 2: 3: Vento Q5 -0.0033 0.0042 0.0000 0.0005

Beam 57: End 2: 4: Carico mobile centrato -0.4279 0.5826 0.0084 0.0699

Beam 58: End 1: 1: G1 -0.7123 0.9440 -0.0011 0.1256

Beam 58: End 1: 2: G2 -0.1526 0.2031 -0.0001 0.0273

Beam 58: End 1: 3: Vento Q5 -0.0044 0.0051 0.0000 0.0006

Beam 58: End 1: 4: Carico mobile centrato -0.4718 0.6301 0.0083 0.0862

Beam 58: End 2: 1: G1 -0.8466 1.1251 -0.0011 0.1145

Beam 58: End 2: 2: G2 -0.1833 0.2444 -0.0001 0.0273

Beam 58: End 2: 3: Vento Q5 -0.0051 0.0060 0.0000 0.0006

Beam 58: End 2: 4: Carico mobile centrato -0.5781 0.7670 0.0083 0.0862

Beam 59: End 1: 1: G1 -0.9039 1.4107 -0.0015 0.1558

Beam 59: End 1: 2: G2 -0.1957 0.3066 -0.0002 0.0371

Beam 59: End 1: 3: Vento Q5 -0.0055 0.0074 0.0000 0.0008

Beam 59: End 1: 4: Carico mobile centrato -0.6173 0.9614 0.0113 0.1172

Beam 59: End 2: 1: G1 -1.1246 1.7554 -0.0015 0.1374

Beam 59: End 2: 2: G2 -0.2510 0.3935 -0.0002 0.0371

Beam 59: End 2: 3: Vento Q5 -0.0065 0.0091 0.0000 0.0007

Beam 59: End 2: 4: Carico mobile centrato -0.8234 1.2578 0.0113 0.1172

Beam 60: End 1: 1: G1 -1.1330 1.7616 -0.0008 0.1359

P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
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Beam 60: End 1: 2: G2 -0.2519 0.3942 -0.0001 0.0279
Beam 60: End 1: 3: Vento Q5 -0.0087 0.0106 0.0000 0.0007
Beam 60: End 1: 4: Carico mobile centrato -0.8478 1.2575 0.0070 0.1003
Beam 60: End 2: 1: G1 -1.4749 2.3059 -0.0008 0.0991
Beam 60: End 2: 2: G2 -0.3337 0.5239 -0.0001 0.0279
Beam 60: End 2: 3: Vento Q5 -0.0104 0.0133 0.0000 0.0005
Beam 60: End 2: 4: Carico mobile centrato -1.1847 1.7535 0.0070 0.1003
Beam 61: End 1: 1: G1 -1.4872 2.3151 -0.0007 0.0971
Beam 61: End 1: 2: G2 -0.3353 0.5252 -0.0001 0.0187
Beam 61: End 1: 3: Vento Q5 -0.0115 0.0141 0.0000 0.0005
Beam 61: End 1: 4: Carico mobile centrato -1.2693 1.7883 0.0020 0.0745
Beam 61: End 2: 1: G1 -1.7151 2.6789 -0.0007 0.0603
Beam 61: End 2: 2: G2 -0.3898 0.6117 -0.0001 0.0187
Beam 61: End 2: 3: Vento Q5 -0.0127 0.0159 0.0000 0.0003
Beam 61: End 2: 4: Carico mobile centrato -1.5007 2.1437 0.0020 0.0745
Beam 62: End 1: 1: G1 -1.7223 2.6843 -0.0003 0.0580
Beam 62: End 1: 2: G2 -0.3908 0.6125 0.0000 0.0094
Beam 62: End 1: 3: Vento Q5 -0.0132 0.0163 0.0000 0.0003
Beam 62: End 1: 4: Carico mobile centrato -1.5844 2.1816 0.0012 0.0409
Beam 62: End 2: 1: G1 -1.8376 2.8678 -0.0003 0.0212
Beam 62: End 2: 2: G2 -0.4181 0.6560 0.0000 0.0094
Beam 62: End 2: 3: Vento Q5 -0.0139 0.0173 0.0000 0.0001
Beam 62: End 2: 4: Carico mobile centrato -1.7122 2.3773 0.0012 0.0409
Beam 63: End 1: 1: G1 -1.8368 2.8679 0.0006 0.0187
Beam 63: End 1: 2: G2 -0.4181 0.6560 0.0001 0.0000
Beam 63: End 1: 3: Vento Q5 -0.0139 0.0173 0.0000 0.0001
Beam 63: End 1: 4: Carico mobile centrato -1.7221 2.3796 0.0041 0.0031
Beam 63: End 2: 1: G1 -1.8527 2.8914 0.0006 0.0003
Beam 63: End 2: 2: G2 -0.4184 0.6563 0.0001 0.0000
Beam 63: End 2: 3: Vento Q5 -0.0141 0.0175 0.0000 0.0000
Beam 63: End 2: 4: Carico mobile centrato -1.7387 2.3953 0.0041 0.0031
Beam 64: End 1: 1: G1 -1.8527 2.8914 0.0006 0.0003
Beam 64: End 1: 2: G2 -0.4184 0.6563 0.0001 0.0000
Beam 64: End 1: 3: Vento Q5 -0.0141 0.0175 0.0000 0.0000
Beam 64: End 1: 4: Carico mobile centrato -1.7387 2.3953 0.0041 0.0031

P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
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Beam 64: End 2: 1: G1 -1.8416 2.8721 0.0006 -0.0181
Beam 64: End 2: 2: G2 -0.4187 0.6565 0.0001 0.0000
Beam 64: End 2: 3: Vento Q5 -0.0141 0.0174 0.0000 -0.0001
Beam 64: End 2: 4: Carico mobile centrato -1.7554 2.4109 0.0041 0.0031
Beam 65: End 1: 1: G1 -1.8312 2.8659 0.0016 -0.0205
Beam 65: End 1: 2: G2 -0.4173 0.6557 0.0002 -0.0093
Beam 65: End 1: 3: Vento Q5 -0.0137 0.0171 0.0001 -0.0001
Beam 65: End 1: 4: Carico mobile centrato -1.6712 2.3669 0.0080 -0.0344
Beam 65: End 2: 1: G1 -1.7257 2.6910 0.0016 -0.0573
Beam 65: End 2: 2: G2 -0.3912 0.6134 0.0002 -0.0093
Beam 65: End 2: 3: Vento Q5 -0.0134 0.0164 0.0001 -0.0003
Beam 65: End 2: 4: Carico mobile centrato -1.6168 2.2393 0.0080 -0.0344
Beam 66: End 1: 1: G1 -1.7067 2.6791 0.0021 -0.0596
Beam 66: End 1: 2: G2 -0.3887 0.6118 0.0003 -0.0186
Beam 66: End 1: 3: Vento Q5 -0.0125 0.0157 0.0001 -0.0003
Beam 66: End 1: 4: Carico mobile centrato -1.4439 2.1518 0.0102 -0.0670
Beam 66: End 2: 1: G1 -1.4892 2.3243 0.0021 -0.0964
Beam 66: End 2: 2: G2 -0.3356 0.5264 0.0003 -0.0186
Beam 66: End 2: 3: Vento Q5 -0.0118 0.0142 0.0001 -0.0005
Beam 66: End 2: 4: Carico mobile centrato -1.3068 1.8819 0.0102 -0.0670
Beam 67: End 1: 1: G1 -1.4640 2.3082 0.0023 -0.0984
Beam 67: End 1: 2: G2 -0.3323 0.5242 0.0003 -0.0278
Beam 67: End 1: 3: Vento Q5 -0.0102 0.0131 0.0001 -0.0005
Beam 67: End 1: 4: Carico mobile centrato -1.0989 1.7793 0.0107 -0.0913
Beam 67: End 2: 1: G1 -1.1331 1.7733 0.0023 -0.1352
Beam 67: End 2: 2: G2 -0.2520 0.3958 0.0003 -0.0278
Beam 67: End 2: 3: Vento Q5 -0.0090 0.0107 0.0001 -0.0007
Beam 67: End 2: 4: Carico mobile centrato -0.8927 1.3978 0.0107 -0.0913
Beam 68: End 1: 1: G1 -1.1196 1.7658 0.0031 -0.1367
Beam 68: End 1: 2: G2 -0.2504 0.3949 0.0004 -0.0370
Beam 68: End 1: 3: Vento Q5 -0.0063 0.0087 0.0001 -0.0007
Beam 68: End 1: 4: Carico mobile centrato -0.7147 1.3203 0.0139 -0.1069
Beam 68: End 2: 1: G1 -0.8953 1.4194 0.0031 -0.1551
Beam 68: End 2: 2: G2 -0.1945 0.3078 0.0004 -0.0370
Beam 68: End 2: 3: Vento Q5 -0.0056 0.0073 0.0001 -0.0008

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 68: End 2: 4: Carico mobile centrato -0.5612 1.0742 0.0139 -0.1069

Beam 69: End 1: 1: G1 -0.8393 1.1303 0.0023 -0.1140

Beam 69: End 1: 2: G2 -0.1824 0.2452 0.0003 -0.0272

Beam 69: End 1: 3: Vento Q5 -0.0052 0.0059 0.0001 -0.0006

Beam 69: End 1: 4: Carico mobile centrato -0.5327 0.8406 0.0102 -0.0786

Beam 69: End 2: 1: G1 -0.7081 0.9517 0.0023 -0.1250

Beam 69: End 2: 2: G2 -0.1521 0.2042 0.0003 -0.0272

Beam 69: End 2: 3: Vento Q5 -0.0047 0.0051 0.0001 -0.0006

Beam 69: End 2: 4: Carico mobile centrato -0.4663 0.7370 0.0102 -0.0786

Beam 70: End 1: 1: G1 -0.6470 0.8840 0.0028 -0.0968

Beam 70: End 1: 2: G2 -0.1393 0.1900 0.0004 -0.0241

Beam 70: End 1: 3: Vento Q5 -0.0034 0.0041 0.0001 -0.0005

Beam 70: End 1: 4: Carico mobile centrato -0.3850 0.6448 0.0104 -0.0636

Beam 70: End 2: 1: G1 -0.2509 0.3360 0.0028 -0.1268

Beam 70: End 2: 2: G2 -0.0531 0.0714 0.0004 -0.0241

Beam 70: End 2: 3: Vento Q5 -0.0021 0.0019 0.0001 -0.0006

Beam 70: End 2: 4: Carico mobile centrato -0.2295 0.3818 0.0104 -0.0636

Beam 71: End 1: 1: G1 -0.2433 0.3342 0.0045 -0.1268

Beam 71: End 1: 2: G2 -0.0520 0.0711 0.0007 -0.0293

Beam 71: End 1: 3: Vento Q5 -0.0065 0.0049 0.0000 -0.0006

Beam 71: End 1: 4: Carico mobile centrato -0.0379 0.2743 -0.0089 -0.0650

Beam 71: End 2: 1: G1 -0.0090 0.0251 0.0045 -0.1403

Beam 71: End 2: 2: G2 -0.0015 0.0039 0.0007 -0.0293

Beam 71: End 2: 3: Vento Q5 -0.0054 0.0054 0.0000 -0.0006

Beam 71: End 2: 4: Carico mobile centrato 0.0390 0.1498 -0.0089 -0.0650

Beam 72: End 1: 1: G1 -0.0025 0.0019 0.0000 0.0055

Beam 72: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 72: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 72: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 72: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000

Beam 72: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 72: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 72: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 73: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000

Beam 73: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 73: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 73: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 73: End 2: 1: G1 -0.0025 0.0019 0.0000 -0.0055

Beam 73: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 73: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 -0.0001

Beam 73: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 74: End 1: 1: G1 -0.0764 0.0769 -0.0295 0.1435

Beam 74: End 1: 2: G2 -0.0118 0.0122 -0.0048 0.0297

Beam 74: End 1: 3: Vento Q5 -0.0043 0.0047 0.0000 0.0018

Beam 74: End 1: 4: Carico mobile centrato -0.1055 0.0384 0.0112 0.0857

Beam 74: End 2: 1: G1 -0.3995 0.4515 -0.0295 0.1300

Beam 74: End 2: 2: G2 -0.0768 0.0899 -0.0048 0.0297

Beam 74: End 2: 3: Vento Q5 -0.0071 0.0064 0.0000 0.0017

Beam 74: End 2: 4: Carico mobile centrato -0.1448 0.1158 0.0112 0.0857

Beam 75: End 1: 1: G1 -0.2588 0.3541 -0.0026 0.1309

Beam 75: End 1: 2: G2 -0.0546 0.0746 -0.0004 0.0246

Beam 75: End 1: 3: Vento Q5 -0.0021 0.0030 0.0001 0.0017

Beam 75: End 1: 4: Carico mobile centrato -0.0560 0.0573 0.0004 0.0883

Beam 75: End 2: 1: G1 -0.7022 0.9450 -0.0026 0.1009

Beam 75: End 2: 2: G2 -0.1477 0.1993 -0.0004 0.0246

Beam 75: End 2: 3: Vento Q5 -0.0081 0.0109 0.0001 0.0014

Beam 75: End 2: 4: Carico mobile centrato -0.3817 0.4992 0.0004 0.0883

Beam 76: End 1: 1: G1 -0.7420 1.0012 -0.0017 0.1304

Beam 76: End 1: 2: G2 -0.1572 0.2119 -0.0003 0.0279

Beam 76: End 1: 3: Vento Q5 -0.0092 0.0121 0.0001 0.0018

Beam 76: End 1: 4: Carico mobile centrato -0.3882 0.5156 -0.0007 0.1230

Beam 76: End 2: 1: G1 -0.8866 1.1930 -0.0017 0.1194

Beam 76: End 2: 2: G2 -0.1893 0.2546 -0.0003 0.0279

Beam 76: End 2: 3: Vento Q5 -0.0114 0.0148 0.0001 0.0017

Beam 76: End 2: 4: Carico mobile centrato -0.5254 0.7009 -0.0007 0.1230

Beam 77: End 1: 1: G1 -0.9458 1.4980 -0.0023 0.1624

Beam 77: End 1: 2: G2 -0.2019 0.3197 -0.0003 0.0380

Beam 77: End 1: 3: Vento Q5 -0.0122 0.0186 0.0001 0.0023

Beam 77: End 1: 4: Carico mobile centrato -0.5608 0.8792 -0.0010 0.1673

Beam 77: End 2: 1: G1 -1.1784 1.8597 -0.0023 0.1440

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Beam 77: End 2: 2: G2 -0.2589 0.4089 -0.0003 0.0380

Beam 77: End 2: 3: Vento Q5 -0.0155 0.0236 0.0001 0.0019

Beam 77: End 2: 4: Carico mobile centrato -0.8047 1.2671 -0.0010 0.1673

Beam 78: End 1: 1: G1 -1.2207 1.8862 -0.0045 0.1419

Beam 78: End 1: 2: G2 -0.2648 0.4126 -0.0007 0.0287

Beam 78: End 1: 3: Vento Q5 -0.0165 0.0244 0.0001 0.0020

Beam 78: End 1: 4: Carico mobile centrato -0.6842 1.2152 -0.0008 0.2006

Beam 78: End 2: 1: G1 -1.5584 2.4431 -0.0045 0.1051

Beam 78: End 2: 2: G2 -0.3453 0.5435 -0.0007 0.0287

Beam 78: End 2: 3: Vento Q5 -0.0220 0.0325 0.0001 0.0013

Beam 78: End 2: 4: Carico mobile centrato -1.2738 2.1487 -0.0008 0.2006

Beam 79: End 1: 1: G1 -1.6174 2.4818 -0.0042 0.1016

Beam 79: End 1: 2: G2 -0.3546 0.5496 -0.0007 0.0193

Beam 79: End 1: 3: Vento Q5 -0.0223 0.0328 0.0001 0.0014

Beam 79: End 1: 4: Carico mobile centrato -1.1306 2.0942 -0.0008 0.2515

Beam 79: End 2: 1: G1 -1.8377 2.8520 -0.0042 0.0648

Beam 79: End 2: 2: G2 -0.4074 0.6366 -0.0007 0.0193

Beam 79: End 2: 3: Vento Q5 -0.0259 0.0381 0.0001 0.0007

Beam 79: End 2: 4: Carico mobile centrato -1.8773 3.2699 -0.0008 0.2515

Beam 80: End 1: 1: G1 -1.8712 2.8739 -0.0019 0.0603

Beam 80: End 1: 2: G2 -0.4129 0.6401 -0.0003 0.0097

Beam 80: End 1: 3: Vento Q5 -0.0260 0.0382 0.0000 0.0009

Beam 80: End 1: 4: Carico mobile centrato -1.7598 3.2263 -0.0006 0.1185

Beam 80: End 2: 1: G1 -1.9838 3.0616 -0.0019 0.0235

Beam 80: End 2: 2: G2 -0.4395 0.6839 -0.0003 0.0097

Beam 80: End 2: 3: Vento Q5 -0.0278 0.0408 0.0000 0.0002

Beam 80: End 2: 4: Carico mobile centrato -2.1129 3.7810 -0.0006 0.1185

Beam 81: End 1: 1: G1 -1.9894 3.0652 0.0015 0.0185

Beam 81: End 1: 2: G2 -0.4406 0.6846 0.0002 0.0000

Beam 81: End 1: 3: Vento Q5 -0.0278 0.0408 0.0000 0.0003

Beam 81: End 1: 4: Carico mobile centrato -2.0837 3.7688 0.0000 -0.0059

Beam 81: End 2: 1: G1 -2.0075 3.0899 0.0015 0.0001

Beam 81: End 2: 2: G2 -0.4412 0.6850 0.0002 0.0000

Beam 81: End 2: 3: Vento Q5 -0.0281 0.0412 0.0000 0.0000

Beam 81: End 2: 4: Carico mobile centrato -2.0748 3.7549 0.0000 -0.0059

P-SN1 - SOVRAPPASSI – ALLEGATI ALLA
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Beam 82: End 1: 1: G1 -2.0075 3.0899 0.0015 0.0001
Beam 82: End 1: 2: G2 -0.4412 0.6850 0.0002 0.0000
Beam 82: End 1: 3: Vento Q5 -0.0281 0.0412 0.0000 0.0000
Beam 82: End 1: 4: Carico mobile centrato -2.0748 3.7549 0.0000 -0.0059
Beam 82: End 2: 1: G1 -1.9984 3.0718 0.0015 -0.0183
Beam 82: End 2: 2: G2 -0.4417 0.6854 0.0002 0.0000
Beam 82: End 2: 3: Vento Q5 -0.0278 0.0408 0.0000 -0.0004
Beam 82: End 2: 4: Carico mobile centrato -2.0659 3.7411 0.0000 -0.0059
Beam 83: End 1: 1: G1 -1.9747 3.0560 0.0049 -0.0233
Beam 83: End 1: 2: G2 -0.4384 0.6832 0.0007 -0.0097
Beam 83: End 1: 3: Vento Q5 -0.0278 0.0407 0.0000 -0.0002
Beam 83: End 1: 4: Carico mobile centrato -2.1432 3.7664 0.0008 -0.1310
Beam 83: End 2: 1: G1 -1.8807 2.8820 0.0049 -0.0601
Beam 83: End 2: 2: G2 -0.4140 0.6411 0.0007 -0.0097
Beam 83: End 2: 3: Vento Q5 -0.0260 0.0380 0.0000 -0.0009
Beam 83: End 2: 4: Carico mobile centrato -1.7523 3.1527 0.0008 -0.1310
Beam 84: End 1: 1: G1 -1.8280 2.8471 0.0076 -0.0645
Beam 84: End 1: 2: G2 -0.4063 0.6359 0.0011 -0.0193
Beam 84: End 1: 3: Vento Q5 -0.0260 0.0379 -0.0001 -0.0008
Beam 84: End 1: 4: Carico mobile centrato -1.9283 3.2120 0.0012 -0.2660
Beam 84: End 2: 1: G1 -1.6281 2.4918 0.0076 -0.1013
Beam 84: End 2: 2: G2 -0.3560 0.5507 0.0011 -0.0193
Beam 84: End 2: 3: Vento Q5 -0.0224 0.0325 -0.0001 -0.0015
Beam 84: End 2: 4: Carico mobile centrato -1.1368 1.9674 0.0012 -0.2660
Beam 85: End 1: 1: G1 -1.5473 2.4387 0.0082 -0.1047
Beam 85: End 1: 2: G2 -0.3440 0.5428 0.0012 -0.0287
Beam 85: End 1: 3: Vento Q5 -0.0221 0.0322 -0.0001 -0.0013
Beam 85: End 1: 4: Carico mobile centrato -1.3632 2.0445 0.0018 -0.2178
Beam 85: End 2: 1: G1 -1.2325 1.8985 0.0082 -0.1415
Beam 85: End 2: 2: G2 -0.2663 0.4139 0.0012 -0.0287
Beam 85: End 2: 3: Vento Q5 -0.0166 0.0240 -0.0001 -0.0020
Beam 85: End 2: 4: Carico mobile centrato -0.7176 1.0271 0.0018 -0.2178
Beam 86: End 1: 1: G1 -1.1870 1.8709 0.0064 -0.1436
Beam 86: End 1: 2: G2 -0.2602 0.4101 0.0009 -0.0380
Beam 86: End 1: 3: Vento Q5 -0.0159 0.0233 -0.0001 -0.0019

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Beam 86: End 1: 4: Carico mobile centrato -0.9547 1.1040 0.0035 -0.1872

Beam 86: End 2: 1: G1 -0.9427 1.5015 0.0064 -0.1620

Beam 86: End 2: 2: G2 -0.2017 0.3199 0.0009 -0.0380

Beam 86: End 2: 3: Vento Q5 -0.0124 0.0181 -0.0001 -0.0023

Beam 86: End 2: 4: Carico mobile centrato -0.6825 0.6705 0.0035 -0.1872

Beam 87: End 1: 1: G1 -0.8840 1.1951 0.0047 -0.1191

Beam 87: End 1: 2: G2 -0.1891 0.2547 0.0006 -0.0279

Beam 87: End 1: 3: Vento Q5 -0.0116 0.0146 -0.0001 -0.0017

Beam 87: End 1: 4: Carico mobile centrato -0.6250 0.5671 0.0025 -0.1376

Beam 87: End 2: 1: G1 -0.7332 0.9992 0.0047 -0.1301

Beam 87: End 2: 2: G2 -0.1562 0.2115 0.0006 -0.0279

Beam 87: End 2: 3: Vento Q5 -0.0094 0.0118 -0.0001 -0.0018

Beam 87: End 2: 4: Carico mobile centrato -0.4753 0.3625 0.0025 -0.1376

Beam 88: End 1: 1: G1 -0.7001 0.9470 0.0051 -0.1006

Beam 88: End 1: 2: G2 -0.1475 0.1995 0.0007 -0.0246

Beam 88: End 1: 3: Vento Q5 -0.0083 0.0107 -0.0001 -0.0014

Beam 88: End 1: 4: Carico mobile centrato -0.4717 0.3842 0.0019 -0.1003

Beam 88: End 2: 1: G1 -0.2483 0.3507 0.0051 -0.1307

Beam 88: End 2: 2: G2 -0.0522 0.0732 0.0007 -0.0246

Beam 88: End 2: 3: Vento Q5 -0.0022 0.0026 -0.0001 -0.0017

Beam 88: End 2: 4: Carico mobile centrato -0.1406 -0.0688 0.0019 -0.1003

Beam 89: End 1: 1: G1 -0.4017 0.4578 0.0322 -0.1297

Beam 89: End 1: 2: G2 -0.0774 0.0906 0.0052 -0.0297

Beam 89: End 1: 3: Vento Q5 -0.0076 0.0062 0.0000 -0.0017

Beam 89: End 1: 4: Carico mobile centrato -0.3671 0.0174 -0.0085 -0.0981

Beam 89: End 2: 1: G1 -0.0698 0.0773 0.0322 -0.1432

Beam 89: End 2: 2: G2 -0.0112 0.0121 0.0052 -0.0297

Beam 89: End 2: 3: Vento Q5 -0.0047 0.0043 0.0000 -0.0019

Beam 89: End 2: 4: Carico mobile centrato -0.2286 -0.1680 -0.0085 -0.0981

Beam 90: End 1: 1: G1 -0.0025 0.0019 0.0000 0.0055

Beam 90: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 90: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0001

Beam 90: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 90: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000

Beam 90: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 90: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 90: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 91: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000

Beam 91: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 91: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 91: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 91: End 2: 1: G1 -0.0025 0.0019 0.0000 -0.0055

Beam 91: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 91: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 -0.0001

Beam 91: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 92: End 1: 1: G1 -0.0952 0.0861 0.0425 0.1882

Beam 92: End 1: 2: G2 -0.0143 0.0131 0.0070 0.0365

Beam 92: End 1: 3: Vento Q5 -0.0027 0.0023 0.0000 0.0028

Beam 92: End 1: 4: Carico mobile centrato -0.0976 0.1089 -0.0231 0.0691

Beam 92: End 2: 1: G1 -0.3542 0.4101 0.0425 0.1747

Beam 92: End 2: 2: G2 -0.0704 0.0837 0.0070 0.0365

Beam 92: End 2: 3: Vento Q5 -0.0058 0.0058 0.0000 0.0026

Beam 92: End 2: 4: Carico mobile centrato -0.1337 0.2094 -0.0231 0.0691

Beam 93: End 1: 1: G1 -0.2921 0.3683 0.0087 0.1617

Beam 93: End 1: 2: G2 -0.0594 0.0762 0.0015 0.0293

Beam 93: End 1: 3: Vento Q5 -0.0036 0.0044 0.0000 0.0026

Beam 93: End 1: 4: Carico mobile centrato -0.1734 0.2353 -0.0031 0.0680

Beam 93: End 2: 1: G1 -0.8933 1.1443 0.0087 0.1317

Beam 93: End 2: 2: G2 -0.1777 0.2300 0.0015 0.0293

Beam 93: End 2: 3: Vento Q5 -0.0119 0.0158 0.0000 0.0020

Beam 93: End 2: 4: Carico mobile centrato -0.4259 0.5767 -0.0031 0.0680

Beam 94: End 1: 1: G1 -0.9537 1.2151 0.0054 0.1623

Beam 94: End 1: 2: G2 -0.1903 0.2446 0.0010 0.0328

Beam 94: End 1: 3: Vento Q5 -0.0132 0.0171 0.0000 0.0027

Beam 94: End 1: 4: Carico mobile centrato -0.4779 0.6297 -0.0004 0.0841

Beam 94: End 2: 1: G1 -1.1422 1.4608 0.0054 0.1513

Beam 94: End 2: 2: G2 -0.2294 0.2957 0.0010 0.0328

Beam 94: End 2: 3: Vento Q5 -0.0160 0.0209 0.0000 0.0024

Beam 94: End 2: 4: Carico mobile centrato -0.5736 0.7577 -0.0004 0.0841

Beam 95: End 1: 1: G1 -1.2232 1.8223 0.0073 0.2058

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 95: End 1: 2: G2 -0.2455 0.3693 0.0013 0.0446

Beam 95: End 1: 3: Vento Q5 -0.0171 0.0261 -0.0001 0.0033

Beam 95: End 1: 4: Carico mobile centrato -0.6128 0.9492 -0.0006 0.1144

Beam 95: End 2: 1: G1 -1.5347 2.2954 0.0073 0.1874

Beam 95: End 2: 2: G2 -0.3152 0.4760 0.0013 0.0446

Beam 95: End 2: 3: Vento Q5 -0.0213 0.0330 -0.0001 0.0027

Beam 95: End 2: 4: Carico mobile centrato -0.7831 1.2169 -0.0006 0.1144

Beam 96: End 1: 1: G1 -1.4917 2.2682 0.0035 0.1704

Beam 96: End 1: 2: G2 -0.3077 0.4711 0.0007 0.0331

Beam 96: End 1: 3: Vento Q5 -0.0224 0.0337 -0.0001 0.0030

Beam 96: End 1: 4: Carico mobile centrato -0.8739 1.2654 0.0030 0.0981

Beam 96: End 2: 1: G1 -1.9609 2.9914 0.0035 0.1337

Beam 96: End 2: 2: G2 -0.4094 0.6283 0.0007 0.0331

Beam 96: End 2: 3: Vento Q5 -0.0290 0.0446 -0.0001 0.0018

Beam 96: End 2: 4: Carico mobile centrato -1.1455 1.7102 0.0030 0.0981

Beam 97: End 1: 1: G1 -1.9328 2.9737 0.0019 0.1185

Beam 97: End 1: 2: G2 -0.4045 0.6251 0.0004 0.0219

Beam 97: End 1: 3: Vento Q5 -0.0298 0.0450 0.0000 0.0021

Beam 97: End 1: 4: Carico mobile centrato -1.2838 1.7856 0.0045 0.0729

Beam 97: End 2: 1: G1 -2.2395 3.4483 0.0019 0.0817

Beam 97: End 2: 2: G2 -0.4713 0.7288 0.0004 0.0219

Beam 97: End 2: 3: Vento Q5 -0.0341 0.0520 0.0000 0.0010

Beam 97: End 2: 4: Carico mobile centrato -1.4722 2.1068 0.0045 0.0729

Beam 98: End 1: 1: G1 -2.2228 3.4377 0.0012 0.0679

Beam 98: End 1: 2: G2 -0.4684 0.7269 0.0002 0.0109

Beam 98: End 1: 3: Vento Q5 -0.0345 0.0523 0.0000 0.0013

Beam 98: End 1: 4: Carico mobile centrato -1.5910 2.1718 0.0020 0.0401

Beam 98: End 2: 1: G1 -2.3757 3.6732 0.0012 0.0311

Beam 98: End 2: 2: G2 -0.5017 0.7785 0.0002 0.0109

Beam 98: End 2: 3: Vento Q5 -0.0366 0.0557 0.0000 0.0002

Beam 98: End 2: 4: Carico mobile centrato -1.6974 2.3504 0.0020 0.0401

Beam 99: End 1: 1: G1 -2.3687 3.6680 0.0008 0.0179

Beam 99: End 1: 2: G2 -0.5006 0.7777 0.0001 -0.0001

Beam 99: End 1: 3: Vento Q5 -0.0367 0.0558 0.0000 0.0006

Beam 99: End 1: 4: Carico mobile centrato -1.7199 2.3624 -0.0041 0.0029

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam 99: End 2: 1: G1 -2.3841 3.6901 0.0008 -0.0004

Beam 99: End 2: 2: G2 -0.5008 0.7778 0.0001 -0.0001

Beam 99: End 2: 3: Vento Q5 -0.0372 0.0565 0.0000 0.0000

Beam 99: End 2: 4: Carico mobile centrato -1.7361 2.3774 -0.0041 0.0029

Beam 100: End 1: 1: G1 -2.3841 3.6901 0.0008 -0.0004

Beam 100: End 1: 2: G2 -0.5008 0.7778 0.0001 -0.0001

Beam 100: End 1: 3: Vento Q5 -0.0372 0.0565 0.0000 0.0000

Beam 100: End 1: 4: Carico mobile centrato -1.7361 2.3774 -0.0041 0.0029

Beam 100: End 2: 1: G1 -2.3723 3.6694 0.0008 -0.0188

Beam 100: End 2: 2: G2 -0.5010 0.7778 0.0001 -0.0001

Beam 100: End 2: 3: Vento Q5 -0.0367 0.0558 0.0000 -0.0006

Beam 100: End 2: 4: Carico mobile centrato -1.7522 2.3924 -0.0041 0.0029

Beam 101: End 1: 1: G1 -2.3744 3.6690 0.0006 -0.0320

Beam 101: End 1: 2: G2 -0.5015 0.7780 0.0000 -0.0110

Beam 101: End 1: 3: Vento Q5 -0.0366 0.0558 0.0000 -0.0002

Beam 101: End 1: 4: Carico mobile centrato -1.6577 2.3402 -0.0111 -0.0340

Beam 101: End 2: 1: G1 -2.2292 3.4365 0.0006 -0.0688

Beam 101: End 2: 2: G2 -0.4692 0.7268 0.0000 -0.0110

Beam 101: End 2: 3: Vento Q5 -0.0344 0.0523 0.0000 -0.0013

Beam 101: End 2: 4: Carico mobile centrato -1.6228 2.2273 -0.0111 -0.0340

Beam 102: End 1: 1: G1 -2.2405 3.4411 0.0000 -0.0827

Beam 102: End 1: 2: G2 -0.4714 0.7280 -0.0001 -0.0220

Beam 102: End 1: 3: Vento Q5 -0.0341 0.0521 0.0000 -0.0009

Beam 102: End 1: 4: Carico mobile centrato -1.4182 2.1147 -0.0168 -0.0660

Beam 102: End 2: 1: G1 -1.9426 2.9701 0.0000 -0.1195

Beam 102: End 2: 2: G2 -0.4056 0.6247 -0.0001 -0.0220

Beam 102: End 2: 3: Vento Q5 -0.0297 0.0451 0.0000 -0.0021

Beam 102: End 2: 4: Carico mobile centrato -1.3225 1.8763 -0.0168 -0.0660

Beam 103: End 1: 1: G1 -1.9646 2.9808 -0.0012 -0.1347

Beam 103: End 1: 2: G2 -0.4099 0.6271 -0.0004 -0.0333

Beam 103: End 1: 3: Vento Q5 -0.0290 0.0447 0.0000 -0.0018

Beam 103: End 1: 4: Carico mobile centrato -1.0679 1.7370 -0.0206 -0.0898

Beam 103: End 2: 1: G1 -1.5058 2.2624 -0.0012 -0.1715

Beam 103: End 2: 2: G2 -0.3093 0.4704 -0.0004 -0.0333

Beam 103: End 2: 3: Vento Q5 -0.0222 0.0338 0.0000 -0.0029

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 103: End 2: 4: Carico mobile centrato -0.9243 1.4031 -0.0206 -0.0898

Beam 104: End 1: 1: G1 -1.5412 2.2810 -0.0046 -0.1885

Beam 104: End 1: 2: G2 -0.3160 0.4744 -0.0010 -0.0447

Beam 104: End 1: 3: Vento Q5 -0.0213 0.0332 0.0000 -0.0027

Beam 104: End 1: 4: Carico mobile centrato -0.7141 1.2981 -0.0241 -0.1049

Beam 104: End 2: 1: G1 -1.2361 1.8108 -0.0046 -0.2069

Beam 104: End 2: 2: G2 -0.2470 0.3680 -0.0010 -0.0447

Beam 104: End 2: 3: Vento Q5 -0.0169 0.0263 0.0000 -0.0033

Beam 104: End 2: 4: Carico mobile centrato -0.5738 1.0637 -0.0241 -0.1049

Beam 105: End 1: 1: G1 -1.1531 1.4542 -0.0034 -0.1520

Beam 105: End 1: 2: G2 -0.2307 0.2950 -0.0008 -0.0329

Beam 105: End 1: 3: Vento Q5 -0.0158 0.0210 0.0000 -0.0024

Beam 105: End 1: 4: Carico mobile centrato -0.5434 0.8348 -0.0177 -0.0771

Beam 105: End 2: 1: G1 -0.9679 1.2103 -0.0034 -0.1631

Beam 105: End 2: 2: G2 -0.1919 0.2440 -0.0008 -0.0329

Beam 105: End 2: 3: Vento Q5 -0.0130 0.0171 0.0000 -0.0027

Beam 105: End 2: 4: Carico mobile centrato -0.4948 0.7448 -0.0177 -0.0771

Beam 106: End 1: 1: G1 -0.9031 1.1392 -0.0071 -0.1323

Beam 106: End 1: 2: G2 -0.1789 0.2294 -0.0013 -0.0294

Beam 106: End 1: 3: Vento Q5 -0.0118 0.0159 0.0000 -0.0020

Beam 106: End 1: 4: Carico mobile centrato -0.4019 0.6456 -0.0140 -0.0623

Beam 106: End 2: 1: G1 -0.3115 0.3685 -0.0071 -0.1623

Beam 106: End 2: 2: G2 -0.0616 0.0762 -0.0013 -0.0294

Beam 106: End 2: 3: Vento Q5 -0.0033 0.0044 0.0000 -0.0026

Beam 106: End 2: 4: Carico mobile centrato -0.2785 0.4081 -0.0140 -0.0623

Beam 107: End 1: 1: G1 -0.3637 0.4014 -0.0409 -0.1754

Beam 107: End 1: 2: G2 -0.0715 0.0827 -0.0069 -0.0365

Beam 107: End 1: 3: Vento Q5 -0.0055 0.0059 0.0000 -0.0025

Beam 107: End 1: 4: Carico mobile centrato -0.0628 0.2815 0.0037 -0.0632

Beam 107: End 2: 1: G1 -0.1014 0.0722 -0.0409 -0.1889

Beam 107: End 2: 2: G2 -0.0151 0.0115 -0.0069 -0.0365

Beam 107: End 2: 3: Vento Q5 -0.0026 0.0026 0.0000 -0.0028

Beam 107: End 2: 4: Carico mobile centrato 0.0285 0.1489 0.0037 -0.0632

Beam 108: End 1: 1: G1 -0.0025 0.0019 0.0000 0.0055

Beam 108: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 108: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0001

Beam 108: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 108: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000

Beam 108: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000

Beam 108: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000

Beam 108: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000

Beam 109: End 1: 1: G1 -2.3131 2.0253 0.0363 0.2556 0.0545 0.3834 -0.2243

Beam 109: End 1: 2: G2 -0.3619 0.3150 0.0056 0.0368 0.0084 0.0553 -0.0344

Beam 109: End 1: 3: Vento Q5 -0.0341 0.0342 -0.0011 -0.0036 0.0017 0.0053 0.0072

Beam 109: End 1: 4: Carico mobile centrato -1.4255 1.5981 -0.0442 -0.1168 0.0662 0.1753 0.2655

Beam 109: End 2: 1: G1 -0.5518 0.2641 0.0363 0.2311 0.0545 0.3466 -0.2243

Beam 109: End 2: 2: G2 -0.0937 0.0467 0.0056 0.0368 0.0084 0.0553 -0.0344

Beam 109: End 2: 3: Vento Q5 -0.0007 0.0008 -0.0011 -0.0036 0.0017 0.0053 0.0072

Beam 109: End 2: 4: Carico mobile centrato -0.1788 0.3515 -0.0442 -0.1168 0.0662 0.1753 0.2655

Beam 110: End 1: 1: G1 -0.5518 0.2641 0.0363 0.2311 0.0545 0.3466 -0.2243

Beam 110: End 1: 2: G2 -0.0937 0.0467 0.0056 0.0368 0.0084 0.0553 -0.0344

Beam 110: End 1: 3: Vento Q5 -0.0007 0.0008 -0.0011 -0.0036 0.0017 0.0053 0.0072

Beam 110: End 1: 4: Carico mobile centrato -0.1788 0.3515 -0.0442 -0.1168 0.0662 0.1753 0.2655

Beam 110: End 2: 1: G1 -1.3745 1.0868 0.0363 0.2066 0.0545 0.3098 -0.2243

Beam 110: End 2: 2: G2 -0.2216 0.1746 0.0056 0.0368 0.0084 0.0553 -0.0344

Beam 110: End 2: 3: Vento Q5 -0.0350 0.0351 -0.0011 -0.0036 0.0017 0.0053 0.0072

Beam 110: End 2: 4: Carico mobile centrato -0.8952 1.0678 -0.0442 -0.1168 0.0662 0.1753 0.2655

Beam 111: End 1: 1: G1 -0.2809 0.2805 0.0089 0.0438 0.0134 0.0657 -0.0678

Beam 111: End 1: 2: G2 -0.0325 0.0329 0.0013 0.0026 0.0019 0.0039 -0.0098

Beam 111: End 1: 3: Vento Q5 -0.0425 0.0418 -0.0016 -0.0040 0.0023 0.0060 0.0102

Beam 111: End 1: 4: Carico mobile centrato -0.7612 0.8246 0.0414 0.0567 0.0620 0.0851 -0.2452

Beam 111: End 2: 1: G1 -0.0296 0.0292 0.0089 0.0192 0.0134 0.0289 -0.0678

Beam 111: End 2: 2: G2 -0.0015 0.0019 0.0013 0.0026 0.0019 0.0039 -0.0098

Beam 111: End 2: 3: Vento Q5 -0.0016 0.0009 -0.0016 -0.0040 0.0023 0.0060 0.0102

Beam 111: End 2: 4: Carico mobile centrato -0.0794 0.1428 0.0414 0.0567 0.0620 0.0851 -0.2452

Beam 112: End 1: 1: G1 -0.0296 0.0292 0.0089 0.0192 0.0134 0.0289 -0.0678

Beam 112: End 1: 2: G2 -0.0015 0.0019 0.0013 0.0026 0.0019 0.0039 -0.0098

Beam 112: End 1: 3: Vento Q5 -0.0016 0.0009 -0.0016 -0.0040 0.0023 0.0060 0.0102

Beam 112: End 1: 4: Carico mobile centrato -0.0794 0.1428 0.0414 0.0567 0.0620 0.0851 -0.2452

Beam 112: End 2: 1: G1 -0.1793 0.1789 0.0089 -0.0053 0.0134 0.0079 -0.0678

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 112: End 2: 2: G2 -0.0308 0.0311 0.0013 0.0026 0.0019 0.0039 -0.0098

Beam 112: End 2: 3: Vento Q5 -0.0449 0.0442 -0.0016 -0.0040 0.0023 0.0060 0.0102

Beam 112: End 2: 4: Carico mobile centrato -0.9834 1.0468 0.0414 0.0567 0.0620 0.0851 -0.2452

Beam 113: End 1: 1: G1 -0.0954 0.0696 0.0000 0.0245 0.0000 0.0368 0.0000

Beam 113: End 1: 2: G2 -0.0080 0.0042 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 113: End 1: 3: Vento Q5 -0.0480 0.0480 -0.0017 -0.0045 0.0026 0.0067 0.0112

Beam 113: End 1: 4: Carico mobile centrato -0.3135 0.1729 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 113: End 2: 1: G1 -0.0341 0.0083 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 113: End 2: 2: G2 -0.0080 0.0042 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 113: End 2: 3: Vento Q5 0.0000 0.0000 -0.0017 -0.0045 0.0026 0.0067 0.0112

Beam 113: End 2: 4: Carico mobile centrato -0.3135 0.1729 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 114: End 1: 1: G1 -0.0341 0.0083 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 114: End 1: 2: G2 -0.0080 0.0042 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 114: End 1: 3: Vento Q5 0.0000 0.0000 -0.0017 -0.0045 0.0026 0.0067 0.0112

Beam 114: End 1: 4: Carico mobile centrato -0.3135 0.1729 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 114: End 2: 1: G1 -0.0954 0.0696 0.0000 -0.0245 0.0000 0.0368 0.0000

Beam 114: End 2: 2: G2 -0.0080 0.0042 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 114: End 2: 3: Vento Q5 -0.0480 0.0480 -0.0017 -0.0045 0.0026 0.0067 0.0112

Beam 114: End 2: 4: Carico mobile centrato -0.3135 0.1729 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 115: End 1: 1: G1 -0.1793 0.1789 -0.0089 0.0053 0.0134 0.0079 0.0678

Beam 115: End 1: 2: G2 -0.0308 0.0311 -0.0013 -0.0026 0.0019 0.0039 0.0098

Beam 115: End 1: 3: Vento Q5 -0.0442 0.0449 -0.0016 -0.0040 0.0023 0.0060 0.0102

Beam 115: End 1: 4: Carico mobile centrato -0.9834 1.0468 -0.0414 -0.0567 0.0620 0.0851 0.2452

Beam 115: End 2: 1: G1 -0.0296 0.0292 -0.0089 -0.0192 0.0134 0.0289 0.0678

Beam 115: End 2: 2: G2 -0.0015 0.0019 -0.0013 -0.0026 0.0019 0.0039 0.0098

Beam 115: End 2: 3: Vento Q5 -0.0009 0.0016 -0.0016 -0.0040 0.0023 0.0060 0.0102

Beam 115: End 2: 4: Carico mobile centrato -0.0794 0.1428 -0.0414 -0.0567 0.0620 0.0851 0.2452

Beam 116: End 1: 1: G1 -0.0296 0.0292 -0.0089 -0.0192 0.0134 0.0289 0.0678

Beam 116: End 1: 2: G2 -0.0015 0.0019 -0.0013 -0.0026 0.0019 0.0039 0.0098

Beam 116: End 1: 3: Vento Q5 -0.0009 0.0016 -0.0016 -0.0040 0.0023 0.0060 0.0102

Beam 116: End 1: 4: Carico mobile centrato -0.0794 0.1428 -0.0414 -0.0567 0.0620 0.0851 0.2452

Beam 116: End 2: 1: G1 -0.2809 0.2805 -0.0089 -0.0438 0.0134 0.0657 0.0678

Beam 116: End 2: 2: G2 -0.0325 0.0329 -0.0013 -0.0026 0.0019 0.0039 0.0098

Beam 116: End 2: 3: Vento Q5 -0.0418 0.0425 -0.0016 -0.0040 0.0023 0.0060 0.0102

Beam 116: End 2: 4: Carico mobile centrato -0.7612 0.8246 -0.0414 -0.0567 0.0620 0.0851 0.2452

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 117: End 1: 1: G1 -1.3745 1.0868 -0.0363 -0.2066 0.0545 0.3098 0.2243

Beam 117: End 1: 2: G2 -0.2216 0.1746 -0.0056 -0.0368 0.0084 0.0553 0.0344

Beam 117: End 1: 3: Vento Q5 -0.0351 0.0350 -0.0011 -0.0036 0.0017 0.0053 0.0072

Beam 117: End 1: 4: Carico mobile centrato -0.8952 1.0678 0.0442 0.1168 0.0662 0.1753 -0.2655

Beam 117: End 2: 1: G1 -0.5518 0.2641 -0.0363 -0.2311 0.0545 0.3466 0.2243

Beam 117: End 2: 2: G2 -0.0937 0.0467 -0.0056 -0.0368 0.0084 0.0553 0.0344

Beam 117: End 2: 3: Vento Q5 -0.0008 0.0007 -0.0011 -0.0036 0.0017 0.0053 0.0072

Beam 117: End 2: 4: Carico mobile centrato -0.1788 0.3515 0.0442 0.1168 0.0662 0.1753 -0.2655

Beam 118: End 1: 1: G1 -0.5518 0.2641 -0.0363 -0.2311 0.0545 0.3466 0.2243

Beam 118: End 1: 2: G2 -0.0937 0.0467 -0.0056 -0.0368 0.0084 0.0553 0.0344

Beam 118: End 1: 3: Vento Q5 -0.0008 0.0007 -0.0011 -0.0036 0.0017 0.0053 0.0072

Beam 118: End 1: 4: Carico mobile centrato -0.1788 0.3515 0.0442 0.1168 0.0662 0.1753 -0.2655

Beam 118: End 2: 1: G1 -2.3131 2.0253 -0.0363 -0.2556 0.0545 0.3834 0.2243

Beam 118: End 2: 2: G2 -0.3619 0.3150 -0.0056 -0.0368 0.0084 0.0553 0.0344

Beam 118: End 2: 3: Vento Q5 -0.0342 0.0341 -0.0011 -0.0036 0.0017 0.0053 0.0072

Beam 118: End 2: 4: Carico mobile centrato -1.4255 1.5981 0.0442 0.1168 0.0662 0.1753 -0.2655

Beam 119: End 1: 1: G1 -2.2974 2.0098 -0.0352 0.2560 0.0527 0.3839 0.2241

Beam 119: End 1: 2: G2 -0.3602 0.3133 -0.0055 0.0369 0.0082 0.0553 0.0344

Beam 119: End 1: 3: Vento Q5 -0.0345 0.0346 0.0012 -0.0035 0.0017 0.0053 -0.0072

Beam 119: End 1: 4: Carico mobile centrato -1.2232 1.4058 0.0277 -0.1222 0.0415 0.1834 -0.2526

Beam 119: End 2: 1: G1 -0.5516 0.2640 -0.0352 0.2314 0.0527 0.3471 0.2241

Beam 119: End 2: 2: G2 -0.0936 0.0467 -0.0055 0.0369 0.0082 0.0553 0.0344

Beam 119: End 2: 3: Vento Q5 -0.0007 0.0008 0.0012 -0.0035 0.0017 0.0053 -0.0072

Beam 119: End 2: 4: Carico mobile centrato -0.1969 0.3795 0.0277 -0.1222 0.0415 0.1834 -0.2526

Beam 120: End 1: 1: G1 -0.5516 0.2640 -0.0352 0.2314 0.0527 0.3471 0.2241

Beam 120: End 1: 2: G2 -0.0936 0.0467 -0.0055 0.0369 0.0082 0.0553 0.0344

Beam 120: End 1: 3: Vento Q5 -0.0007 0.0008 0.0012 -0.0035 0.0017 0.0053 -0.0072

Beam 120: End 1: 4: Carico mobile centrato -0.1969 0.3795 0.0277 -0.1222 0.0415 0.1834 -0.2526

Beam 120: End 2: 1: G1 -1.3591 1.0715 -0.0352 0.2069 0.0527 0.3104 0.2241

Beam 120: End 2: 2: G2 -0.2200 0.1730 -0.0055 0.0369 0.0082 0.0553 0.0344

Beam 120: End 2: 3: Vento Q5 -0.0354 0.0355 0.0012 -0.0035 0.0017 0.0053 -0.0072

Beam 120: End 2: 4: Carico mobile centrato -0.6468 0.8295 0.0277 -0.1222 0.0415 0.1834 -0.2526

Beam 121: End 1: 1: G1 -0.2750 0.2743 -0.0084 0.0440 0.0126 0.0660 0.0680

Beam 121: End 1: 2: G2 -0.0315 0.0318 -0.0012 0.0026 0.0018 0.0039 0.0098

Beam 121: End 1: 3: Vento Q5 -0.0421 0.0414 0.0015 -0.0040 0.0023 0.0060 -0.0102

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 121: End 1: 4: Carico mobile centrato -0.5020 0.5709 -0.0233 0.0627 0.0349 0.0940 0.2313

Beam 121: End 2: 1: G1 -0.0302 0.0295 -0.0084 0.0195 0.0126 0.0292 0.0680

Beam 121: End 2: 2: G2 -0.0016 0.0019 -0.0012 0.0026 0.0018 0.0039 0.0098

Beam 121: End 2: 3: Vento Q5 -0.0016 0.0009 0.0015 -0.0040 0.0023 0.0060 -0.0102

Beam 121: End 2: 4: Carico mobile centrato -0.0914 0.1602 -0.0233 0.0627 0.0349 0.0940 0.2313

Beam 122: End 1: 1: G1 -0.0302 0.0295 -0.0084 0.0195 0.0126 0.0292 0.0680

Beam 122: End 1: 2: G2 -0.0016 0.0019 -0.0012 0.0026 0.0018 0.0039 0.0098

Beam 122: End 1: 3: Vento Q5 -0.0016 0.0009 0.0015 -0.0040 0.0023 0.0060 -0.0102

Beam 122: End 1: 4: Carico mobile centrato -0.0914 0.1602 -0.0233 0.0627 0.0349 0.0940 0.2313

Beam 122: End 2: 1: G1 -0.1714 0.1707 -0.0084 -0.0051 0.0126 0.0076 0.0680

Beam 122: End 2: 2: G2 -0.0295 0.0299 -0.0012 0.0026 0.0018 0.0039 0.0098

Beam 122: End 2: 3: Vento Q5 -0.0446 0.0439 0.0015 -0.0040 0.0023 0.0060 -0.0102

Beam 122: End 2: 4: Carico mobile centrato -0.7537 0.8225 -0.0233 0.0627 0.0349 0.0940 0.2313

Beam 123: End 1: 1: G1 -0.0962 0.0704 0.0000 0.0245 0.0000 0.0368 0.0000

Beam 123: End 1: 2: G2 -0.0082 0.0043 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 123: End 1: 3: Vento Q5 -0.0477 0.0477 0.0017 -0.0045 0.0025 0.0067 -0.0112

Beam 123: End 1: 4: Carico mobile centrato -0.3525 0.1984 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 123: End 2: 1: G1 -0.0349 0.0091 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 123: End 2: 2: G2 -0.0082 0.0043 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 123: End 2: 3: Vento Q5 0.0000 0.0000 0.0017 -0.0045 0.0025 0.0067 -0.0112

Beam 123: End 2: 4: Carico mobile centrato -0.3525 0.1984 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 124: End 1: 1: G1 -0.0349 0.0091 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 124: End 1: 2: G2 -0.0082 0.0043 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 124: End 1: 3: Vento Q5 0.0000 0.0000 0.0017 -0.0045 0.0025 0.0067 -0.0112

Beam 124: End 1: 4: Carico mobile centrato -0.3525 0.1984 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 124: End 2: 1: G1 -0.0962 0.0704 0.0000 -0.0245 0.0000 0.0368 0.0000

Beam 124: End 2: 2: G2 -0.0082 0.0043 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 124: End 2: 3: Vento Q5 -0.0477 0.0477 0.0017 -0.0045 0.0025 0.0067 -0.0112

Beam 124: End 2: 4: Carico mobile centrato -0.3525 0.1984 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 125: End 1: 1: G1 -0.1714 0.1707 0.0084 0.0051 0.0126 0.0076 -0.0680

Beam 125: End 1: 2: G2 -0.0295 0.0299 0.0012 -0.0026 0.0018 0.0039 -0.0098

Beam 125: End 1: 3: Vento Q5 -0.0439 0.0446 0.0015 -0.0040 0.0023 0.0060 -0.0102

Beam 125: End 1: 4: Carico mobile centrato -0.7537 0.8225 0.0233 -0.0627 0.0349 0.0940 -0.2313

Beam 125: End 2: 1: G1 -0.0302 0.0295 0.0084 -0.0195 0.0126 0.0292 -0.0680

Beam 125: End 2: 2: G2 -0.0016 0.0019 0.0012 -0.0026 0.0018 0.0039 -0.0098

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 125: End 2: 3: Vento Q5 -0.0009 0.0016 0.0015 -0.0040 0.0023 0.0060 -0.0102

Beam 125: End 2: 4: Carico mobile centrato -0.0914 0.1602 0.0233 -0.0627 0.0349 0.0940 -0.2313

Beam 126: End 1: 1: G1 -0.0302 0.0295 0.0084 -0.0195 0.0126 0.0292 -0.0680

Beam 126: End 1: 2: G2 -0.0016 0.0019 0.0012 -0.0026 0.0018 0.0039 -0.0098

Beam 126: End 1: 3: Vento Q5 -0.0009 0.0016 0.0015 -0.0040 0.0023 0.0060 -0.0102

Beam 126: End 1: 4: Carico mobile centrato -0.0914 0.1602 0.0233 -0.0627 0.0349 0.0940 -0.2313

Beam 126: End 2: 1: G1 -0.2750 0.2743 0.0084 -0.0440 0.0126 0.0660 -0.0680

Beam 126: End 2: 2: G2 -0.0315 0.0318 0.0012 -0.0026 0.0018 0.0039 -0.0098

Beam 126: End 2: 3: Vento Q5 -0.0414 0.0421 0.0015 -0.0040 0.0023 0.0060 -0.0102

Beam 126: End 2: 4: Carico mobile centrato -0.5020 0.5709 0.0233 -0.0627 0.0349 0.0940 -0.2313

Beam 127: End 1: 1: G1 -1.3591 1.0715 0.0352 -0.2069 0.0527 0.3104 -0.2241

Beam 127: End 1: 2: G2 -0.2200 0.1730 0.0055 -0.0369 0.0082 0.0553 -0.0344

Beam 127: End 1: 3: Vento Q5 -0.0355 0.0354 0.0012 -0.0035 0.0017 0.0053 -0.0072

Beam 127: End 1: 4: Carico mobile centrato -0.6468 0.8295 -0.0277 0.1222 0.0415 0.1834 0.2526

Beam 127: End 2: 1: G1 -0.5516 0.2640 0.0352 -0.2314 0.0527 0.3471 -0.2241

Beam 127: End 2: 2: G2 -0.0936 0.0467 0.0055 -0.0369 0.0082 0.0553 -0.0344

Beam 127: End 2: 3: Vento Q5 -0.0008 0.0007 0.0012 -0.0035 0.0017 0.0053 -0.0072

Beam 127: End 2: 4: Carico mobile centrato -0.1969 0.3795 -0.0277 0.1222 0.0415 0.1834 0.2526

Beam 128: End 1: 1: G1 -0.5516 0.2640 0.0352 -0.2314 0.0527 0.3471 -0.2241

Beam 128: End 1: 2: G2 -0.0936 0.0467 0.0055 -0.0369 0.0082 0.0553 -0.0344

Beam 128: End 1: 3: Vento Q5 -0.0008 0.0007 0.0012 -0.0035 0.0017 0.0053 -0.0072

Beam 128: End 1: 4: Carico mobile centrato -0.1969 0.3795 -0.0277 0.1222 0.0415 0.1834 0.2526

Beam 128: End 2: 1: G1 -2.2974 2.0098 0.0352 -0.2560 0.0527 0.3839 -0.2241

Beam 128: End 2: 2: G2 -0.3602 0.3133 0.0055 -0.0369 0.0082 0.0553 -0.0344

Beam 128: End 2: 3: Vento Q5 -0.0346 0.0345 0.0012 -0.0035 0.0017 0.0053 -0.0072

Beam 128: End 2: 4: Carico mobile centrato -1.2232 1.4058 -0.0277 0.1222 0.0415 0.1834 0.2526

Beam 129: End 1: 1: G1 -0.0613 0.0613 0.0000 0.0245 0.0000 0.0368 0.0000

Beam 129: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 129: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 129: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 129: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 129: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 129: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 129: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 130: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 130: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 130: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 130: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 130: End 2: 1: G1 -0.2555 0.2555 0.0307 0.0000 0.0460 0.0000 0.0000

Beam 130: End 2: 2: G2 -0.0370 0.0370 0.0044 0.0000 0.0067 0.0000 0.0000

Beam 130: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 130: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 131: End 1: 1: G1 -0.1551 0.4907 -0.0047 -0.0410 0.0071 0.0616 -0.1338

Beam 131: End 1: 2: G2 -0.1444 0.1994 -0.0139 -0.0058 0.0208 0.0087 -0.0205

Beam 131: End 1: 3: Vento Q5 -0.0099 0.0101 0.0000 0.0014 0.0001 0.0022 0.0043

Beam 131: End 1: 4: Carico mobile centrato -0.2024 0.0036 -0.0052 0.0481 0.0079 0.0722 0.1609

Beam 131: End 2: 1: G1 -0.1907 0.5264 -0.0047 -0.0410 0.0071 0.0616 -0.1338

Beam 131: End 2: 2: G2 -0.0597 0.1147 -0.0008 -0.0058 0.0012 0.0087 -0.0205

Beam 131: End 2: 3: Vento Q5 -0.0030 0.0032 0.0000 0.0014 0.0001 0.0022 0.0043

Beam 131: End 2: 4: Carico mobile centrato -0.3695 0.1708 -0.0052 0.0481 0.0079 0.0722 0.1609

Beam 132: End 1: 1: G1 -0.1907 0.5264 -0.0047 -0.0410 0.0071 0.0616 -0.1338

Beam 132: End 1: 2: G2 -0.0597 0.1147 -0.0008 -0.0058 0.0012 0.0087 -0.0205

Beam 132: End 1: 3: Vento Q5 -0.0030 0.0032 0.0000 0.0014 0.0001 0.0022 0.0043

Beam 132: End 1: 4: Carico mobile centrato -0.3695 0.1708 -0.0052 0.0481 0.0079 0.0722 0.1609

Beam 132: End 2: 1: G1 -0.2963 0.6319 -0.0047 -0.0410 0.0071 0.0616 -0.1338

Beam 132: End 2: 2: G2 -0.1467 0.2017 0.0122 -0.0058 0.0183 0.0087 -0.0205

Beam 132: End 2: 3: Vento Q5 -0.0036 0.0038 0.0000 0.0014 0.0001 0.0022 0.0043

Beam 132: End 2: 4: Carico mobile centrato -0.6925 0.4938 -0.0052 0.0481 0.0079 0.0722 0.1609

Beam 133: End 1: 1: G1 -0.0325 0.1018 -0.0001 -0.0273 0.0001 0.0409 -0.0399

Beam 133: End 1: 2: G2 -0.1182 0.1291 -0.0131 -0.0040 0.0196 0.0060 -0.0057

Beam 133: End 1: 3: Vento Q5 -0.0140 0.0147 -0.0001 0.0025 0.0002 0.0037 0.0061

Beam 133: End 1: 4: Carico mobile centrato -0.5909 0.5002 0.0078 -0.0440 0.0117 0.0660 -0.1488

Beam 133: End 2: 1: G1 -0.0355 0.1048 -0.0001 -0.0273 0.0001 0.0409 -0.0399

Beam 133: End 2: 2: G2 -0.0571 0.0680 0.0000 -0.0040 0.0000 0.0060 -0.0057

Beam 133: End 2: 3: Vento Q5 -0.0016 0.0023 -0.0001 0.0025 0.0002 0.0037 0.0061

Beam 133: End 2: 4: Carico mobile centrato -0.2165 0.1258 0.0078 -0.0440 0.0117 0.0660 -0.1488

Beam 134: End 1: 1: G1 -0.0355 0.1048 -0.0001 -0.0273 0.0001 0.0409 -0.0399

Beam 134: End 1: 2: G2 -0.0571 0.0680 0.0000 -0.0040 0.0000 0.0060 -0.0057

Beam 134: End 1: 3: Vento Q5 -0.0016 0.0023 -0.0001 0.0025 0.0002 0.0037 0.0061

Beam 134: End 1: 4: Carico mobile centrato -0.2165 0.1258 0.0078 -0.0440 0.0117 0.0660 -0.1488

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 134: End 2: 1: G1 -0.1387 0.2080 -0.0001 -0.0273 0.0001 0.0409 -0.0399

Beam 134: End 2: 2: G2 -0.1329 0.1438 0.0130 -0.0040 0.0195 0.0060 -0.0057

Beam 134: End 2: 3: Vento Q5 -0.0100 0.0107 -0.0001 0.0025 0.0002 0.0037 0.0061

Beam 134: End 2: 4: Carico mobile centrato -0.2486 0.1579 0.0078 -0.0440 0.0117 0.0660 -0.1488

Beam 135: End 1: 1: G1 -0.0335 0.0864 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 135: End 1: 2: G2 -0.1178 0.1260 -0.0130 0.0000 0.0196 0.0000 0.0000

Beam 135: End 1: 3: Vento Q5 -0.0136 0.0136 -0.0001 0.0028 0.0002 0.0042 0.0066

Beam 135: End 1: 4: Carico mobile centrato -0.2781 0.4185 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 135: End 2: 1: G1 -0.0335 0.0864 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 135: End 2: 2: G2 -0.0573 0.0655 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 135: End 2: 3: Vento Q5 0.0000 0.0000 -0.0001 0.0028 0.0002 0.0042 0.0066

Beam 135: End 2: 4: Carico mobile centrato -0.2781 0.4185 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 136: End 1: 1: G1 -0.0335 0.0864 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 136: End 1: 2: G2 -0.0573 0.0655 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 136: End 1: 3: Vento Q5 0.0000 0.0000 -0.0001 0.0028 0.0002 0.0042 0.0066

Beam 136: End 1: 4: Carico mobile centrato -0.2781 0.4185 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 136: End 2: 1: G1 -0.0335 0.0864 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 136: End 2: 2: G2 -0.1178 0.1260 0.0130 0.0000 0.0196 0.0000 0.0000

Beam 136: End 2: 3: Vento Q5 -0.0136 0.0136 -0.0001 0.0028 0.0002 0.0042 0.0066

Beam 136: End 2: 4: Carico mobile centrato -0.2781 0.4185 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 137: End 1: 1: G1 -0.1387 0.2080 0.0001 0.0273 0.0001 0.0409 0.0399

Beam 137: End 1: 2: G2 -0.1329 0.1438 -0.0130 0.0040 0.0195 0.0060 0.0057

Beam 137: End 1: 3: Vento Q5 -0.0107 0.0100 -0.0001 0.0025 0.0002 0.0037 0.0061

Beam 137: End 1: 4: Carico mobile centrato -0.2486 0.1579 -0.0078 0.0440 0.0117 0.0660 0.1488

Beam 137: End 2: 1: G1 -0.0355 0.1048 0.0001 0.0273 0.0001 0.0409 0.0399

Beam 137: End 2: 2: G2 -0.0571 0.0680 0.0000 0.0040 0.0000 0.0060 0.0057

Beam 137: End 2: 3: Vento Q5 -0.0023 0.0016 -0.0001 0.0025 0.0002 0.0037 0.0061

Beam 137: End 2: 4: Carico mobile centrato -0.2165 0.1258 -0.0078 0.0440 0.0117 0.0660 0.1488

Beam 138: End 1: 1: G1 -0.0355 0.1048 0.0001 0.0273 0.0001 0.0409 0.0399

Beam 138: End 1: 2: G2 -0.0571 0.0680 0.0000 0.0040 0.0000 0.0060 0.0057

Beam 138: End 1: 3: Vento Q5 -0.0023 0.0016 -0.0001 0.0025 0.0002 0.0037 0.0061

Beam 138: End 1: 4: Carico mobile centrato -0.2165 0.1258 -0.0078 0.0440 0.0117 0.0660 0.1488

Beam 138: End 2: 1: G1 -0.0325 0.1018 0.0001 0.0273 0.0001 0.0409 0.0399

Beam 138: End 2: 2: G2 -0.1182 0.1291 0.0131 0.0040 0.0196 0.0060 0.0057

Beam 138: End 2: 3: Vento Q5 -0.0147 0.0140 -0.0001 0.0025 0.0002 0.0037 0.0061

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 138: End 2: 4: Carico mobile centrato -0.5909 0.5002 -0.0078 0.0440 0.0117 0.0660 0.1488

Beam 139: End 1: 1: G1 -0.2963 0.6319 0.0047 0.0410 0.0071 0.0616 0.1338

Beam 139: End 1: 2: G2 -0.1467 0.2017 -0.0122 0.0058 0.0183 0.0087 0.0205

Beam 139: End 1: 3: Vento Q5 -0.0038 0.0036 0.0000 0.0014 0.0001 0.0022 0.0043

Beam 139: End 1: 4: Carico mobile centrato -0.6925 0.4938 0.0052 -0.0481 0.0079 0.0722 -0.1609

Beam 139: End 2: 1: G1 -0.1907 0.5264 0.0047 0.0410 0.0071 0.0616 0.1338

Beam 139: End 2: 2: G2 -0.0597 0.1147 0.0008 0.0058 0.0012 0.0087 0.0205

Beam 139: End 2: 3: Vento Q5 -0.0032 0.0030 0.0000 0.0014 0.0001 0.0022 0.0043

Beam 139: End 2: 4: Carico mobile centrato -0.3695 0.1708 0.0052 -0.0481 0.0079 0.0722 -0.1609

Beam 140: End 1: 1: G1 -0.1907 0.5264 0.0047 0.0410 0.0071 0.0616 0.1338

Beam 140: End 1: 2: G2 -0.0597 0.1147 0.0008 0.0058 0.0012 0.0087 0.0205

Beam 140: End 1: 3: Vento Q5 -0.0032 0.0030 0.0000 0.0014 0.0001 0.0022 0.0043

Beam 140: End 1: 4: Carico mobile centrato -0.3695 0.1708 0.0052 -0.0481 0.0079 0.0722 -0.1609

Beam 140: End 2: 1: G1 -0.1551 0.4907 0.0047 0.0410 0.0071 0.0616 0.1338

Beam 140: End 2: 2: G2 -0.1444 0.1994 0.0139 0.0058 0.0208 0.0087 0.0205

Beam 140: End 2: 3: Vento Q5 -0.0101 0.0099 0.0000 0.0014 0.0001 0.0022 0.0043

Beam 140: End 2: 4: Carico mobile centrato -0.2024 0.0036 0.0052 -0.0481 0.0079 0.0722 -0.1609

Beam 141: End 1: 1: G1 -2.5426 2.5426 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 141: End 1: 2: G2 -0.5388 0.5388 -0.0217 0.0000 0.0326 0.0000 0.0000

Beam 141: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 141: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 141: End 2: 1: G1 -0.9779 0.9779 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 141: End 2: 2: G2 -0.1418 0.1418 -0.0087 0.0000 0.0130 0.0000 0.0000

Beam 141: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 141: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 142: End 1: 1: G1 -0.0260 0.1039 0.0049 -0.0130 0.0074 0.0195 -0.1266

Beam 142: End 1: 2: G2 -0.1260 0.1388 -0.0124 -0.0018 0.0187 0.0027 -0.0194

Beam 142: End 1: 3: Vento Q5 -0.0171 0.0168 -0.0004 0.0004 0.0007 0.0006 0.0040

Beam 142: End 1: 4: Carico mobile centrato -0.6430 0.5962 -0.0269 0.0225 0.0404 0.0338 0.1655

Beam 142: End 2: 1: G1 -0.2413 0.3192 0.0049 -0.0130 0.0074 0.0195 -0.1266

Beam 142: End 2: 2: G2 -0.0480 0.0607 0.0006 -0.0018 0.0009 0.0027 -0.0194

Beam 142: End 2: 3: Vento Q5 -0.0032 0.0029 -0.0004 0.0004 0.0007 0.0006 0.0040

Beam 142: End 2: 4: Carico mobile centrato -0.2569 0.2100 -0.0269 0.0225 0.0404 0.0338 0.1655

Beam 143: End 1: 1: G1 -0.2413 0.3192 0.0049 -0.0130 0.0074 0.0195 -0.1266

Beam 143: End 1: 2: G2 -0.0480 0.0607 0.0006 -0.0018 0.0009 0.0027 -0.0194

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 143: End 1: 3: Vento Q5 -0.0032 0.0029 -0.0004 0.0004 0.0007 0.0006 0.0040

Beam 143: End 1: 4: Carico mobile centrato -0.2569 0.2100 -0.0269 0.0225 0.0404 0.0338 0.1655

Beam 143: End 2: 1: G1 -0.4566 0.5344 0.0049 -0.0130 0.0074 0.0195 -0.1266

Beam 143: End 2: 2: G2 -0.1816 0.1944 0.0136 -0.0018 0.0205 0.0027 -0.0194

Beam 143: End 2: 3: Vento Q5 -0.0111 0.0108 -0.0004 0.0004 0.0007 0.0006 0.0040

Beam 143: End 2: 4: Carico mobile centrato -1.1099 1.0630 -0.0269 0.0225 0.0404 0.0338 0.1655

Beam 144: End 1: 1: G1 -0.0099 0.0651 0.0027 -0.0058 0.0041 0.0087 -0.0375

Beam 144: End 1: 2: G2 -0.1047 0.1138 -0.0127 -0.0008 0.0190 0.0012 -0.0054

Beam 144: End 1: 3: Vento Q5 -0.0227 0.0226 -0.0006 0.0006 0.0010 0.0010 0.0057

Beam 144: End 1: 4: Carico mobile centrato -1.0834 1.0520 0.0290 -0.0217 0.0435 0.0326 -0.1539

Beam 144: End 2: 1: G1 -0.0458 0.1010 0.0027 -0.0058 0.0041 0.0087 -0.0375

Beam 144: End 2: 2: G2 -0.0528 0.0620 0.0004 -0.0008 0.0006 0.0012 -0.0054

Beam 144: End 2: 3: Vento Q5 -0.0017 0.0016 -0.0006 0.0006 0.0010 0.0010 0.0057

Beam 144: End 2: 4: Carico mobile centrato -0.1830 0.1515 0.0290 -0.0217 0.0435 0.0326 -0.1539

Beam 145: End 1: 1: G1 -0.0458 0.1010 0.0027 -0.0058 0.0041 0.0087 -0.0375

Beam 145: End 1: 2: G2 -0.0528 0.0620 0.0004 -0.0008 0.0006 0.0012 -0.0054

Beam 145: End 1: 3: Vento Q5 -0.0017 0.0016 -0.0006 0.0006 0.0010 0.0010 0.0057

Beam 145: End 1: 4: Carico mobile centrato -0.1830 0.1515 0.0290 -0.0217 0.0435 0.0326 -0.1539

Beam 145: End 2: 1: G1 -0.1558 0.2109 0.0027 -0.0058 0.0041 0.0087 -0.0375

Beam 145: End 2: 2: G2 -0.1347 0.1439 0.0134 -0.0008 0.0201 0.0012 -0.0054

Beam 145: End 2: 3: Vento Q5 -0.0194 0.0193 -0.0006 0.0006 0.0010 0.0010 0.0057

Beam 145: End 2: 4: Carico mobile centrato -0.7489 0.7175 0.0290 -0.0217 0.0435 0.0326 -0.1539

Beam 146: End 1: 1: G1 -0.0334 0.0719 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 146: End 1: 2: G2 -0.1177 0.1241 -0.0130 0.0000 0.0196 0.0000 0.0000

Beam 146: End 1: 3: Vento Q5 -0.0230 0.0230 -0.0007 0.0008 0.0010 0.0011 0.0062

Beam 146: End 1: 4: Carico mobile centrato -0.3275 0.3307 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 146: End 2: 1: G1 -0.0334 0.0719 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 146: End 2: 2: G2 -0.0532 0.0597 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 146: End 2: 3: Vento Q5 0.0000 0.0000 -0.0007 0.0008 0.0010 0.0011 0.0062

Beam 146: End 2: 4: Carico mobile centrato -0.3275 0.3307 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 147: End 1: 1: G1 -0.0334 0.0719 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 147: End 1: 2: G2 -0.0532 0.0597 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 147: End 1: 3: Vento Q5 0.0000 0.0000 -0.0007 0.0008 0.0010 0.0011 0.0062

Beam 147: End 1: 4: Carico mobile centrato -0.3275 0.3307 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 147: End 2: 1: G1 -0.0334 0.0719 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 147: End 2: 2: G2 -0.1177 0.1241 0.0130 0.0000 0.0196 0.0000 0.0000

Beam 147: End 2: 3: Vento Q5 -0.0230 0.0230 -0.0007 0.0008 0.0010 0.0011 0.0062

Beam 147: End 2: 4: Carico mobile centrato -0.3275 0.3307 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 148: End 1: 1: G1 -0.1558 0.2109 -0.0027 0.0058 0.0041 0.0087 0.0375

Beam 148: End 1: 2: G2 -0.1347 0.1439 -0.0134 0.0008 0.0201 0.0012 0.0054

Beam 148: End 1: 3: Vento Q5 -0.0193 0.0194 -0.0006 0.0006 0.0010 0.0010 0.0057

Beam 148: End 1: 4: Carico mobile centrato -0.7489 0.7175 -0.0290 0.0217 0.0435 0.0326 0.1539

Beam 148: End 2: 1: G1 -0.0458 0.1010 -0.0027 0.0058 0.0041 0.0087 0.0375

Beam 148: End 2: 2: G2 -0.0528 0.0620 -0.0004 0.0008 0.0006 0.0012 0.0054

Beam 148: End 2: 3: Vento Q5 -0.0016 0.0017 -0.0006 0.0006 0.0010 0.0010 0.0057

Beam 148: End 2: 4: Carico mobile centrato -0.1830 0.1515 -0.0290 0.0217 0.0435 0.0326 0.1539

Beam 149: End 1: 1: G1 -0.0458 0.1010 -0.0027 0.0058 0.0041 0.0087 0.0375

Beam 149: End 1: 2: G2 -0.0528 0.0620 -0.0004 0.0008 0.0006 0.0012 0.0054

Beam 149: End 1: 3: Vento Q5 -0.0016 0.0017 -0.0006 0.0006 0.0010 0.0010 0.0057

Beam 149: End 1: 4: Carico mobile centrato -0.1830 0.1515 -0.0290 0.0217 0.0435 0.0326 0.1539

Beam 149: End 2: 1: G1 -0.0099 0.0651 -0.0027 0.0058 0.0041 0.0087 0.0375

Beam 149: End 2: 2: G2 -0.1047 0.1138 0.0127 0.0008 0.0190 0.0012 0.0054

Beam 149: End 2: 3: Vento Q5 -0.0226 0.0227 -0.0006 0.0006 0.0010 0.0010 0.0057

Beam 149: End 2: 4: Carico mobile centrato -1.0834 1.0520 -0.0290 0.0217 0.0435 0.0326 0.1539

Beam 150: End 1: 1: G1 -0.4566 0.5344 -0.0049 0.0130 0.0074 0.0195 0.1266

Beam 150: End 1: 2: G2 -0.1816 0.1944 -0.0136 0.0018 0.0205 0.0027 0.0194

Beam 150: End 1: 3: Vento Q5 -0.0108 0.0111 -0.0004 0.0004 0.0007 0.0006 0.0040

Beam 150: End 1: 4: Carico mobile centrato -1.1099 1.0630 0.0269 -0.0225 0.0404 0.0338 -0.1655

Beam 150: End 2: 1: G1 -0.2413 0.3192 -0.0049 0.0130 0.0074 0.0195 0.1266

Beam 150: End 2: 2: G2 -0.0480 0.0607 -0.0006 0.0018 0.0009 0.0027 0.0194

Beam 150: End 2: 3: Vento Q5 -0.0029 0.0032 -0.0004 0.0004 0.0007 0.0006 0.0040

Beam 150: End 2: 4: Carico mobile centrato -0.2569 0.2100 0.0269 -0.0225 0.0404 0.0338 -0.1655

Beam 151: End 1: 1: G1 -0.2413 0.3192 -0.0049 0.0130 0.0074 0.0195 0.1266

Beam 151: End 1: 2: G2 -0.0480 0.0607 -0.0006 0.0018 0.0009 0.0027 0.0194

Beam 151: End 1: 3: Vento Q5 -0.0029 0.0032 -0.0004 0.0004 0.0007 0.0006 0.0040

Beam 151: End 1: 4: Carico mobile centrato -0.2569 0.2100 0.0269 -0.0225 0.0404 0.0338 -0.1655

Beam 151: End 2: 1: G1 -0.0260 0.1039 -0.0049 0.0130 0.0074 0.0195 0.1266

Beam 151: End 2: 2: G2 -0.1260 0.1388 0.0124 0.0018 0.0187 0.0027 0.0194

Beam 151: End 2: 3: Vento Q5 -0.0168 0.0171 -0.0004 0.0004 0.0007 0.0006 0.0040

Beam 151: End 2: 4: Carico mobile centrato -0.6430 0.5962 0.0269 -0.0225 0.0404 0.0338 -0.1655

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 152: End 1: 1: G1 -0.1163 0.1382 0.0107 -0.0250 0.0160 0.0375 -0.1139

Beam 152: End 1: 2: G2 -0.1233 0.1270 -0.0116 -0.0036 0.0174 0.0053 -0.0175

Beam 152: End 1: 3: Vento Q5 -0.0252 0.0252 -0.0007 0.0004 0.0011 0.0006 0.0036

Beam 152: End 1: 4: Carico mobile centrato -1.1672 1.1467 -0.0474 0.0723 0.0712 0.1084 0.1703

Beam 152: End 2: 1: G1 -0.3651 0.3871 0.0107 -0.0250 0.0160 0.0375 -0.1139

Beam 152: End 2: 2: G2 -0.0463 0.0501 0.0014 -0.0036 0.0021 0.0053 -0.0175

Beam 152: End 2: 3: Vento Q5 -0.0051 0.0051 -0.0007 0.0004 0.0011 0.0006 0.0036

Beam 152: End 2: 4: Carico mobile centrato -0.3799 0.3594 -0.0474 0.0723 0.0712 0.1084 0.1703

Beam 153: End 1: 1: G1 -0.3651 0.3871 0.0107 -0.0250 0.0160 0.0375 -0.1139

Beam 153: End 1: 2: G2 -0.0463 0.0501 0.0014 -0.0036 0.0021 0.0053 -0.0175

Beam 153: End 1: 3: Vento Q5 -0.0051 0.0051 -0.0007 0.0004 0.0011 0.0006 0.0036

Beam 153: End 1: 4: Carico mobile centrato -0.3799 0.3594 -0.0474 0.0723 0.0712 0.1084 0.1703

Beam 153: End 2: 1: G1 -0.7440 0.7660 0.0107 -0.0250 0.0160 0.0375 -0.1139

Beam 153: End 2: 2: G2 -0.2259 0.2297 0.0145 -0.0036 0.0217 0.0053 -0.0175

Beam 153: End 2: 3: Vento Q5 -0.0170 0.0170 -0.0007 0.0004 0.0011 0.0006 0.0036

Beam 153: End 2: 4: Carico mobile centrato -1.9064 1.8859 -0.0474 0.0723 0.0712 0.1084 0.1703

Beam 154: End 1: 1: G1 -0.0967 0.1314 0.0044 -0.0039 0.0067 0.0059 -0.0346

Beam 154: End 1: 2: G2 -0.1123 0.1183 -0.0124 -0.0003 0.0186 0.0005 -0.0050

Beam 154: End 1: 3: Vento Q5 -0.0324 0.0323 -0.0010 0.0009 0.0015 0.0014 0.0051

Beam 154: End 1: 4: Carico mobile centrato -1.8914 1.8698 0.0493 -0.0792 0.0740 0.1188 -0.1594

Beam 154: End 2: 1: G1 -0.1116 0.1463 0.0044 -0.0039 0.0067 0.0059 -0.0346

Beam 154: End 2: 2: G2 -0.0560 0.0619 0.0006 -0.0003 0.0009 0.0005 -0.0050

Beam 154: End 2: 3: Vento Q5 -0.0027 0.0026 -0.0010 0.0009 0.0015 0.0014 0.0051

Beam 154: End 2: 4: Carico mobile centrato -0.2879 0.2663 0.0493 -0.0792 0.0740 0.1188 -0.1594

Beam 155: End 1: 1: G1 -0.1116 0.1463 0.0044 -0.0039 0.0067 0.0059 -0.0346

Beam 155: End 1: 2: G2 -0.0560 0.0619 0.0006 -0.0003 0.0009 0.0005 -0.0050

Beam 155: End 1: 3: Vento Q5 -0.0027 0.0026 -0.0010 0.0009 0.0015 0.0014 0.0051

Beam 155: End 1: 4: Carico mobile centrato -0.2879 0.2663 0.0493 -0.0792 0.0740 0.1188 -0.1594

Beam 155: End 2: 1: G1 -0.2430 0.2777 0.0044 -0.0039 0.0067 0.0059 -0.0346

Beam 155: End 2: 2: G2 -0.1471 0.1530 0.0137 -0.0003 0.0205 0.0005 -0.0050

Beam 155: End 2: 3: Vento Q5 -0.0271 0.0270 -0.0010 0.0009 0.0015 0.0014 0.0051

Beam 155: End 2: 4: Carico mobile centrato -1.3372 1.3156 0.0493 -0.0792 0.0740 0.1188 -0.1594

Beam 156: End 1: 1: G1 -0.0712 0.1016 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 156: End 1: 2: G2 -0.1231 0.1284 -0.0130 0.0000 0.0196 0.0000 0.0000

Beam 156: End 1: 3: Vento Q5 -0.0325 0.0325 -0.0011 0.0011 0.0016 0.0017 0.0056

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 156: End 1: 4: Carico mobile centrato -0.5370 0.5402 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 156: End 2: 1: G1 -0.0712 0.1016 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 156: End 2: 2: G2 -0.0543 0.0596 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 156: End 2: 3: Vento Q5 0.0000 0.0000 -0.0011 0.0011 0.0016 0.0017 0.0056

Beam 156: End 2: 4: Carico mobile centrato -0.5370 0.5402 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 157: End 1: 1: G1 -0.0712 0.1016 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 157: End 1: 2: G2 -0.0543 0.0596 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 157: End 1: 3: Vento Q5 0.0000 0.0000 -0.0011 0.0011 0.0016 0.0017 0.0056

Beam 157: End 1: 4: Carico mobile centrato -0.5370 0.5402 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 157: End 2: 1: G1 -0.0712 0.1016 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 157: End 2: 2: G2 -0.1231 0.1284 0.0130 0.0000 0.0196 0.0000 0.0000

Beam 157: End 2: 3: Vento Q5 -0.0325 0.0325 -0.0011 0.0011 0.0016 0.0017 0.0056

Beam 157: End 2: 4: Carico mobile centrato -0.5370 0.5402 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 158: End 1: 1: G1 -0.2430 0.2777 -0.0044 0.0039 0.0067 0.0059 0.0346

Beam 158: End 1: 2: G2 -0.1471 0.1530 -0.0137 0.0003 0.0205 0.0005 0.0050

Beam 158: End 1: 3: Vento Q5 -0.0270 0.0271 -0.0010 0.0009 0.0015 0.0014 0.0051

Beam 158: End 1: 4: Carico mobile centrato -1.3372 1.3156 -0.0493 0.0792 0.0740 0.1188 0.1594

Beam 158: End 2: 1: G1 -0.1116 0.1463 -0.0044 0.0039 0.0067 0.0059 0.0346

Beam 158: End 2: 2: G2 -0.0560 0.0619 -0.0006 0.0003 0.0009 0.0005 0.0050

Beam 158: End 2: 3: Vento Q5 -0.0026 0.0027 -0.0010 0.0009 0.0015 0.0014 0.0051

Beam 158: End 2: 4: Carico mobile centrato -0.2879 0.2663 -0.0493 0.0792 0.0740 0.1188 0.1594

Beam 159: End 1: 1: G1 -0.1116 0.1463 -0.0044 0.0039 0.0067 0.0059 0.0346

Beam 159: End 1: 2: G2 -0.0560 0.0619 -0.0006 0.0003 0.0009 0.0005 0.0050

Beam 159: End 1: 3: Vento Q5 -0.0026 0.0027 -0.0010 0.0009 0.0015 0.0014 0.0051

Beam 159: End 1: 4: Carico mobile centrato -0.2879 0.2663 -0.0493 0.0792 0.0740 0.1188 0.1594

Beam 159: End 2: 1: G1 -0.0967 0.1314 -0.0044 0.0039 0.0067 0.0059 0.0346

Beam 159: End 2: 2: G2 -0.1123 0.1183 0.0124 0.0003 0.0186 0.0005 0.0050

Beam 159: End 2: 3: Vento Q5 -0.0323 0.0324 -0.0010 0.0009 0.0015 0.0014 0.0051

Beam 159: End 2: 4: Carico mobile centrato -1.8914 1.8698 -0.0493 0.0792 0.0740 0.1188 0.1594

Beam 160: End 1: 1: G1 -0.7440 0.7660 -0.0107 0.0250 0.0160 0.0375 0.1139

Beam 160: End 1: 2: G2 -0.2259 0.2297 -0.0145 0.0036 0.0217 0.0053 0.0175

Beam 160: End 1: 3: Vento Q5 -0.0170 0.0170 -0.0007 0.0004 0.0011 0.0006 0.0036

Beam 160: End 1: 4: Carico mobile centrato -1.9064 1.8859 0.0474 -0.0723 0.0712 0.1084 -0.1703

Beam 160: End 2: 1: G1 -0.3651 0.3871 -0.0107 0.0250 0.0160 0.0375 0.1139

Beam 160: End 2: 2: G2 -0.0463 0.0501 -0.0014 0.0036 0.0021 0.0053 0.0175

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 160: End 2: 3: Vento Q5 -0.0051 0.0051 -0.0007 0.0004 0.0011 0.0006 0.0036

Beam 160: End 2: 4: Carico mobile centrato -0.3799 0.3594 0.0474 -0.0723 0.0712 0.1084 -0.1703

Beam 161: End 1: 1: G1 -0.3651 0.3871 -0.0107 0.0250 0.0160 0.0375 0.1139

Beam 161: End 1: 2: G2 -0.0463 0.0501 -0.0014 0.0036 0.0021 0.0053 0.0175

Beam 161: End 1: 3: Vento Q5 -0.0051 0.0051 -0.0007 0.0004 0.0011 0.0006 0.0036

Beam 161: End 1: 4: Carico mobile centrato -0.3799 0.3594 0.0474 -0.0723 0.0712 0.1084 -0.1703

Beam 161: End 2: 1: G1 -0.1163 0.1382 -0.0107 0.0250 0.0160 0.0375 0.1139

Beam 161: End 2: 2: G2 -0.1233 0.1270 0.0116 0.0036 0.0174 0.0053 0.0175

Beam 161: End 2: 3: Vento Q5 -0.0252 0.0252 -0.0007 0.0004 0.0011 0.0006 0.0036

Beam 161: End 2: 4: Carico mobile centrato -1.1672 1.1467 0.0474 -0.0723 0.0712 0.1084 -0.1703

Beam 162: End 1: 1: G1 -0.1669 0.1761 0.0160 -0.0185 0.0239 0.0278 -0.0866

Beam 162: End 1: 2: G2 -0.1102 0.1120 -0.0109 -0.0027 0.0163 0.0041 -0.0133

Beam 162: End 1: 3: Vento Q5 -0.0313 0.0314 -0.0010 0.0002 0.0014 0.0003 0.0028

Beam 162: End 1: 4: Carico mobile centrato -1.8486 1.8394 -0.0730 0.0918 0.1095 0.1378 0.1599

Beam 162: End 2: 1: G1 -0.3841 0.3934 0.0160 -0.0185 0.0239 0.0278 -0.0866

Beam 162: End 2: 2: G2 -0.0273 0.0291 0.0022 -0.0027 0.0033 0.0041 -0.0133

Beam 162: End 2: 3: Vento Q5 -0.0057 0.0058 -0.0010 0.0002 0.0014 0.0003 0.0028

Beam 162: End 2: 4: Carico mobile centrato -0.4318 0.4226 -0.0730 0.0918 0.1095 0.1378 0.1599

Beam 163: End 1: 1: G1 -0.3841 0.3934 0.0160 -0.0185 0.0239 0.0278 -0.0866

Beam 163: End 1: 2: G2 -0.0273 0.0291 0.0022 -0.0027 0.0033 0.0041 -0.0133

Beam 163: End 1: 3: Vento Q5 -0.0057 0.0058 -0.0010 0.0002 0.0014 0.0003 0.0028

Beam 163: End 1: 4: Carico mobile centrato -0.4318 0.4226 -0.0730 0.0918 0.1095 0.1378 0.1599

Beam 163: End 2: 1: G1 -0.8747 0.8839 0.0160 -0.0185 0.0239 0.0278 -0.0866

Beam 163: End 2: 2: G2 -0.2453 0.2471 0.0152 -0.0027 0.0228 0.0041 -0.0133

Beam 163: End 2: 3: Vento Q5 -0.0225 0.0226 -0.0010 0.0002 0.0014 0.0003 0.0028

Beam 163: End 2: 4: Carico mobile centrato -2.7030 2.6938 -0.0730 0.0918 0.1095 0.1378 0.1599

Beam 164: End 1: 1: G1 -0.1116 0.1195 0.0058 -0.0020 0.0087 0.0031 -0.0272

Beam 164: End 1: 2: G2 -0.1125 0.1142 -0.0122 -0.0001 0.0184 0.0002 -0.0039

Beam 164: End 1: 3: Vento Q5 -0.0396 0.0396 -0.0013 0.0005 0.0020 0.0008 0.0040

Beam 164: End 1: 4: Carico mobile centrato -2.6887 2.6799 0.0749 -0.1007 0.1124 0.1510 -0.1510

Beam 164: End 2: 1: G1 -0.1389 0.1467 0.0058 -0.0020 0.0087 0.0031 -0.0272

Beam 164: End 2: 2: G2 -0.0519 0.0536 0.0008 -0.0001 0.0012 0.0002 -0.0039

Beam 164: End 2: 3: Vento Q5 -0.0030 0.0029 -0.0013 0.0005 0.0020 0.0008 0.0040

Beam 164: End 2: 4: Carico mobile centrato -0.3309 0.3221 0.0749 -0.1007 0.1124 0.1510 -0.1510

Beam 165: End 1: 1: G1 -0.1389 0.1467 0.0058 -0.0020 0.0087 0.0031 -0.0272

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 165: End 1: 2: G2 -0.0519 0.0536 0.0008 -0.0001 0.0012 0.0002 -0.0039

Beam 165: End 1: 3: Vento Q5 -0.0030 0.0029 -0.0013 0.0005 0.0020 0.0008 0.0040

Beam 165: End 1: 4: Carico mobile centrato -0.3309 0.3221 0.0749 -0.1007 0.1124 0.1510 -0.1510

Beam 165: End 2: 1: G1 -0.2985 0.3064 0.0058 -0.0020 0.0087 0.0031 -0.0272

Beam 165: End 2: 2: G2 -0.1553 0.1570 0.0138 -0.0001 0.0208 0.0002 -0.0039

Beam 165: End 2: 3: Vento Q5 -0.0338 0.0337 -0.0013 0.0005 0.0020 0.0008 0.0040

Beam 165: End 2: 4: Carico mobile centrato -2.0357 2.0269 0.0749 -0.1007 0.1124 0.1510 -0.1510

Beam 166: End 1: 1: G1 -0.0921 0.0997 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 166: End 1: 2: G2 -0.1262 0.1279 -0.0130 0.0000 0.0196 0.0000 0.0000

Beam 166: End 1: 3: Vento Q5 -0.0397 0.0397 -0.0014 0.0007 0.0021 0.0010 0.0043

Beam 166: End 1: 4: Carico mobile centrato -0.6252 0.6454 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 166: End 2: 1: G1 -0.0921 0.0997 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 166: End 2: 2: G2 -0.0527 0.0544 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 166: End 2: 3: Vento Q5 0.0000 0.0000 -0.0014 0.0007 0.0021 0.0010 0.0043

Beam 166: End 2: 4: Carico mobile centrato -0.6252 0.6454 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 167: End 1: 1: G1 -0.0921 0.0997 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 167: End 1: 2: G2 -0.0527 0.0544 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 167: End 1: 3: Vento Q5 0.0000 0.0000 -0.0014 0.0007 0.0021 0.0010 0.0043

Beam 167: End 1: 4: Carico mobile centrato -0.6252 0.6454 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 167: End 2: 1: G1 -0.0921 0.0997 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 167: End 2: 2: G2 -0.1262 0.1279 0.0130 0.0000 0.0196 0.0000 0.0000

Beam 167: End 2: 3: Vento Q5 -0.0397 0.0397 -0.0014 0.0007 0.0021 0.0010 0.0043

Beam 167: End 2: 4: Carico mobile centrato -0.6252 0.6454 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 168: End 1: 1: G1 -0.2985 0.3064 -0.0058 0.0020 0.0087 0.0031 0.0272

Beam 168: End 1: 2: G2 -0.1553 0.1570 -0.0138 0.0001 0.0208 0.0002 0.0039

Beam 168: End 1: 3: Vento Q5 -0.0337 0.0338 -0.0013 0.0005 0.0020 0.0008 0.0040

Beam 168: End 1: 4: Carico mobile centrato -2.0357 2.0269 -0.0749 0.1007 0.1124 0.1510 0.1510

Beam 168: End 2: 1: G1 -0.1389 0.1467 -0.0058 0.0020 0.0087 0.0031 0.0272

Beam 168: End 2: 2: G2 -0.0519 0.0536 -0.0008 0.0001 0.0012 0.0002 0.0039

Beam 168: End 2: 3: Vento Q5 -0.0029 0.0030 -0.0013 0.0005 0.0020 0.0008 0.0040

Beam 168: End 2: 4: Carico mobile centrato -0.3309 0.3221 -0.0749 0.1007 0.1124 0.1510 0.1510

Beam 169: End 1: 1: G1 -0.1389 0.1467 -0.0058 0.0020 0.0087 0.0031 0.0272

Beam 169: End 1: 2: G2 -0.0519 0.0536 -0.0008 0.0001 0.0012 0.0002 0.0039

Beam 169: End 1: 3: Vento Q5 -0.0029 0.0030 -0.0013 0.0005 0.0020 0.0008 0.0040

Beam 169: End 1: 4: Carico mobile centrato -0.3309 0.3221 -0.0749 0.1007 0.1124 0.1510 0.1510

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 169: End 2: 1: G1 -0.1116 0.1195 -0.0058 0.0020 0.0087 0.0031 0.0272

Beam 169: End 2: 2: G2 -0.1125 0.1142 0.0122 0.0001 0.0184 0.0002 0.0039

Beam 169: End 2: 3: Vento Q5 -0.0396 0.0396 -0.0013 0.0005 0.0020 0.0008 0.0040

Beam 169: End 2: 4: Carico mobile centrato -2.6887 2.6799 -0.0749 0.1007 0.1124 0.1510 0.1510

Beam 170: End 1: 1: G1 -0.8747 0.8839 -0.0160 0.0185 0.0239 0.0278 0.0866

Beam 170: End 1: 2: G2 -0.2453 0.2471 -0.0152 0.0027 0.0228 0.0041 0.0133

Beam 170: End 1: 3: Vento Q5 -0.0226 0.0225 -0.0010 0.0002 0.0014 0.0003 0.0028

Beam 170: End 1: 4: Carico mobile centrato -2.7030 2.6938 0.0730 -0.0918 0.1095 0.1378 -0.1599

Beam 170: End 2: 1: G1 -0.3841 0.3934 -0.0160 0.0185 0.0239 0.0278 0.0866

Beam 170: End 2: 2: G2 -0.0273 0.0291 -0.0022 0.0027 0.0033 0.0041 0.0133

Beam 170: End 2: 3: Vento Q5 -0.0058 0.0057 -0.0010 0.0002 0.0014 0.0003 0.0028

Beam 170: End 2: 4: Carico mobile centrato -0.4318 0.4226 0.0730 -0.0918 0.1095 0.1378 -0.1599

Beam 171: End 1: 1: G1 -0.3841 0.3934 -0.0160 0.0185 0.0239 0.0278 0.0866

Beam 171: End 1: 2: G2 -0.0273 0.0291 -0.0022 0.0027 0.0033 0.0041 0.0133

Beam 171: End 1: 3: Vento Q5 -0.0058 0.0057 -0.0010 0.0002 0.0014 0.0003 0.0028

Beam 171: End 1: 4: Carico mobile centrato -0.4318 0.4226 0.0730 -0.0918 0.1095 0.1378 -0.1599

Beam 171: End 2: 1: G1 -0.1669 0.1761 -0.0160 0.0185 0.0239 0.0278 0.0866

Beam 171: End 2: 2: G2 -0.1102 0.1120 0.0109 0.0027 0.0163 0.0041 0.0133

Beam 171: End 2: 3: Vento Q5 -0.0314 0.0313 -0.0010 0.0002 0.0014 0.0003 0.0028

Beam 171: End 2: 4: Carico mobile centrato -1.8486 1.8394 0.0730 -0.0918 0.1095 0.1378 -0.1599

Beam 172: End 1: 1: G1 -0.2124 0.2169 0.0198 -0.0108 0.0297 0.0161 -0.0538

Beam 172: End 1: 2: G2 -0.1001 0.1011 -0.0103 -0.0016 0.0155 0.0025 -0.0083

Beam 172: End 1: 3: Vento Q5 -0.0354 0.0355 -0.0011 0.0001 0.0017 0.0001 0.0017

Beam 172: End 1: 4: Carico mobile centrato -2.3435 2.3584 -0.0955 0.0752 0.1433 0.1128 0.1156

Beam 172: End 2: 1: G1 -0.3836 0.3881 0.0198 -0.0108 0.0297 0.0161 -0.0538

Beam 172: End 2: 2: G2 -0.0129 0.0139 0.0027 -0.0016 0.0041 0.0025 -0.0083

Beam 172: End 2: 3: Vento Q5 -0.0057 0.0058 -0.0011 0.0001 0.0017 0.0001 0.0017

Beam 172: End 2: 4: Carico mobile centrato -0.4348 0.4497 -0.0955 0.0752 0.1433 0.1128 0.1156

Beam 173: End 1: 1: G1 -0.3836 0.3881 0.0198 -0.0108 0.0297 0.0161 -0.0538

Beam 173: End 1: 2: G2 -0.0129 0.0139 0.0027 -0.0016 0.0041 0.0025 -0.0083

Beam 173: End 1: 3: Vento Q5 -0.0057 0.0058 -0.0011 0.0001 0.0017 0.0001 0.0017

Beam 173: End 1: 4: Carico mobile centrato -0.4348 0.4497 -0.0955 0.0752 0.1433 0.1128 0.1156

Beam 173: End 2: 1: G1 -0.9428 0.9472 0.0198 -0.0108 0.0297 0.0161 -0.0538

Beam 173: End 2: 2: G2 -0.2553 0.2563 0.0158 -0.0016 0.0236 0.0025 -0.0083

Beam 173: End 2: 3: Vento Q5 -0.0257 0.0258 -0.0011 0.0001 0.0017 0.0001 0.0017

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 173: End 2: 4: Carico mobile centrato -3.2281 3.2429 -0.0955 0.0752 0.1433 0.1128 0.1156

Beam 174: End 1: 1: G1 -0.1065 0.0971 0.0067 -0.0011 0.0101 0.0017 -0.0173

Beam 174: End 1: 2: G2 -0.1106 0.1095 -0.0121 -0.0001 0.0182 0.0001 -0.0025

Beam 174: End 1: 3: Vento Q5 -0.0447 0.0446 -0.0016 0.0003 0.0023 0.0004 0.0025

Beam 174: End 1: 4: Carico mobile centrato -3.2061 3.2197 0.0975 -0.0825 0.1462 0.1238 -0.1098

Beam 174: End 2: 1: G1 -0.1465 0.1371 0.0067 -0.0011 0.0101 0.0017 -0.0173

Beam 174: End 2: 2: G2 -0.0470 0.0459 0.0009 -0.0001 0.0014 0.0001 -0.0025

Beam 174: End 2: 3: Vento Q5 -0.0030 0.0029 -0.0016 0.0003 0.0023 0.0004 0.0025

Beam 174: End 2: 4: Carico mobile centrato -0.3326 0.3462 0.0975 -0.0825 0.1462 0.1238 -0.1098

Beam 175: End 1: 1: G1 -0.1465 0.1371 0.0067 -0.0011 0.0101 0.0017 -0.0173

Beam 175: End 1: 2: G2 -0.0470 0.0459 0.0009 -0.0001 0.0014 0.0001 -0.0025

Beam 175: End 1: 3: Vento Q5 -0.0030 0.0029 -0.0016 0.0003 0.0023 0.0004 0.0025

Beam 175: End 1: 4: Carico mobile centrato -0.3326 0.3462 0.0975 -0.0825 0.1462 0.1238 -0.1098

Beam 175: End 2: 1: G1 -0.3269 0.3175 0.0067 -0.0011 0.0101 0.0017 -0.0173

Beam 175: End 2: 2: G2 -0.1597 0.1586 0.0140 -0.0001 0.0210 0.0001 -0.0025

Beam 175: End 2: 3: Vento Q5 -0.0388 0.0387 -0.0016 0.0003 0.0023 0.0004 0.0025

Beam 175: End 2: 4: Carico mobile centrato -2.5274 2.5410 0.0975 -0.0825 0.1462 0.1238 -0.1098

Beam 176: End 1: 1: G1 -0.1015 0.0893 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 176: End 1: 2: G2 -0.1277 0.1263 -0.0130 0.0000 0.0196 0.0000 0.0000

Beam 176: End 1: 3: Vento Q5 -0.0448 0.0448 -0.0017 0.0003 0.0025 0.0005 0.0027

Beam 176: End 1: 4: Carico mobile centrato -0.6543 0.6725 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 176: End 2: 1: G1 -0.1015 0.0893 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 176: End 2: 2: G2 -0.0508 0.0493 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 176: End 2: 3: Vento Q5 0.0000 0.0000 -0.0017 0.0003 0.0025 0.0005 0.0027

Beam 176: End 2: 4: Carico mobile centrato -0.6543 0.6725 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 177: End 1: 1: G1 -0.1015 0.0893 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 177: End 1: 2: G2 -0.0508 0.0493 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 177: End 1: 3: Vento Q5 0.0000 0.0000 -0.0017 0.0003 0.0025 0.0005 0.0027

Beam 177: End 1: 4: Carico mobile centrato -0.6543 0.6725 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 177: End 2: 1: G1 -0.1015 0.0893 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 177: End 2: 2: G2 -0.1277 0.1263 0.0130 0.0000 0.0196 0.0000 0.0000

Beam 177: End 2: 3: Vento Q5 -0.0448 0.0448 -0.0017 0.0003 0.0025 0.0005 0.0027

Beam 177: End 2: 4: Carico mobile centrato -0.6543 0.6725 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 178: End 1: 1: G1 -0.3269 0.3175 -0.0067 0.0011 0.0101 0.0017 0.0173

Beam 178: End 1: 2: G2 -0.1597 0.1586 -0.0140 0.0001 0.0210 0.0001 0.0025

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 178: End 1: 3: Vento Q5 -0.0387 0.0388 -0.0016 0.0003 0.0023 0.0004 0.0025

Beam 178: End 1: 4: Carico mobile centrato -2.5274 2.5410 -0.0975 0.0825 0.1462 0.1238 0.1098

Beam 178: End 2: 1: G1 -0.1465 0.1371 -0.0067 0.0011 0.0101 0.0017 0.0173

Beam 178: End 2: 2: G2 -0.0470 0.0459 -0.0009 0.0001 0.0014 0.0001 0.0025

Beam 178: End 2: 3: Vento Q5 -0.0029 0.0030 -0.0016 0.0003 0.0023 0.0004 0.0025

Beam 178: End 2: 4: Carico mobile centrato -0.3326 0.3462 -0.0975 0.0825 0.1462 0.1238 0.1098

Beam 179: End 1: 1: G1 -0.1465 0.1371 -0.0067 0.0011 0.0101 0.0017 0.0173

Beam 179: End 1: 2: G2 -0.0470 0.0459 -0.0009 0.0001 0.0014 0.0001 0.0025

Beam 179: End 1: 3: Vento Q5 -0.0029 0.0030 -0.0016 0.0003 0.0023 0.0004 0.0025

Beam 179: End 1: 4: Carico mobile centrato -0.3326 0.3462 -0.0975 0.0825 0.1462 0.1238 0.1098

Beam 179: End 2: 1: G1 -0.1065 0.0971 -0.0067 0.0011 0.0101 0.0017 0.0173

Beam 179: End 2: 2: G2 -0.1106 0.1095 0.0121 0.0001 0.0182 0.0001 0.0025

Beam 179: End 2: 3: Vento Q5 -0.0446 0.0447 -0.0016 0.0003 0.0023 0.0004 0.0025

Beam 179: End 2: 4: Carico mobile centrato -3.2061 3.2197 -0.0975 0.0825 0.1462 0.1238 0.1098

Beam 180: End 1: 1: G1 -0.9428 0.9472 -0.0198 0.0108 0.0297 0.0161 0.0538

Beam 180: End 1: 2: G2 -0.2553 0.2563 -0.0158 0.0016 0.0236 0.0025 0.0083

Beam 180: End 1: 3: Vento Q5 -0.0258 0.0257 -0.0011 0.0001 0.0017 0.0001 0.0017

Beam 180: End 1: 4: Carico mobile centrato -3.2281 3.2429 0.0955 -0.0752 0.1433 0.1128 -0.1156

Beam 180: End 2: 1: G1 -0.3836 0.3881 -0.0198 0.0108 0.0297 0.0161 0.0538

Beam 180: End 2: 2: G2 -0.0129 0.0139 -0.0027 0.0016 0.0041 0.0025 0.0083

Beam 180: End 2: 3: Vento Q5 -0.0058 0.0057 -0.0011 0.0001 0.0017 0.0001 0.0017

Beam 180: End 2: 4: Carico mobile centrato -0.4348 0.4497 0.0955 -0.0752 0.1433 0.1128 -0.1156

Beam 181: End 1: 1: G1 -0.3836 0.3881 -0.0198 0.0108 0.0297 0.0161 0.0538

Beam 181: End 1: 2: G2 -0.0129 0.0139 -0.0027 0.0016 0.0041 0.0025 0.0083

Beam 181: End 1: 3: Vento Q5 -0.0058 0.0057 -0.0011 0.0001 0.0017 0.0001 0.0017

Beam 181: End 1: 4: Carico mobile centrato -0.4348 0.4497 0.0955 -0.0752 0.1433 0.1128 -0.1156

Beam 181: End 2: 1: G1 -0.2124 0.2169 -0.0198 0.0108 0.0297 0.0161 0.0538

Beam 181: End 2: 2: G2 -0.1001 0.1011 0.0103 0.0016 0.0155 0.0025 0.0083

Beam 181: End 2: 3: Vento Q5 -0.0355 0.0354 -0.0011 0.0001 0.0017 0.0001 0.0017

Beam 181: End 2: 4: Carico mobile centrato -2.3435 2.3584 0.0955 -0.0752 0.1433 0.1128 -0.1156

Beam 182: End 1: 1: G1 -0.2388 0.2407 0.0218 -0.0015 0.0326 0.0022 -0.0181

Beam 182: End 1: 2: G2 -0.0945 0.0951 -0.0100 -0.0003 0.0151 0.0005 -0.0028

Beam 182: End 1: 3: Vento Q5 -0.0371 0.0372 -0.0012 0.0000 0.0018 0.0001 0.0006

Beam 182: End 1: 4: Carico mobile centrato -2.4665 2.5017 -0.1082 0.0174 0.1623 0.0260 0.0390

Beam 182: End 2: 1: G1 -0.3632 0.3651 0.0218 -0.0015 0.0326 0.0022 -0.0181

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam 182: End 2: 2: G2 -0.0041 0.0047 0.0030 -0.0003 0.0045 0.0005 -0.0028

Beam 182: End 2: 3: Vento Q5 -0.0053 0.0054 -0.0012 0.0000 0.0018 0.0001 0.0006

Beam 182: End 2: 4: Carico mobile centrato -0.3896 0.4248 -0.1082 0.0174 0.1623 0.0260 0.0390

Beam 183: End 1: 1: G1 -0.3632 0.3651 0.0218 -0.0015 0.0326 0.0022 -0.0181

Beam 183: End 1: 2: G2 -0.0041 0.0047 0.0030 -0.0003 0.0045 0.0005 -0.0028

Beam 183: End 1: 3: Vento Q5 -0.0053 0.0054 -0.0012 0.0000 0.0018 0.0001 0.0006

Beam 183: End 1: 4: Carico mobile centrato -0.3896 0.4248 -0.1082 0.0174 0.1623 0.0260 0.0390

Beam 183: End 2: 1: G1 -0.9364 0.9383 0.0218 -0.0015 0.0326 0.0022 -0.0181

Beam 183: End 2: 2: G2 -0.2540 0.2546 0.0161 -0.0003 0.0241 0.0005 -0.0028

Beam 183: End 2: 3: Vento Q5 -0.0269 0.0270 -0.0012 0.0000 0.0018 0.0001 0.0006

Beam 183: End 2: 4: Carico mobile centrato -3.2809 3.3161 -0.1082 0.0174 0.1623 0.0260 0.0390

Beam 184: End 1: 1: G1 -0.0977 0.0803 0.0072 0.0012 0.0108 0.0018 -0.0060

Beam 184: End 1: 2: G2 -0.1087 0.1063 -0.0121 0.0002 0.0181 0.0003 -0.0009

Beam 184: End 1: 3: Vento Q5 -0.0467 0.0466 -0.0017 0.0000 0.0025 0.0001 0.0008

Beam 184: End 1: 4: Carico mobile centrato -3.2470 3.2782 0.1100 -0.0201 0.1651 0.0302 -0.0368

Beam 184: End 2: 1: G1 -0.1375 0.1200 0.0072 0.0012 0.0108 0.0018 -0.0060

Beam 184: End 2: 2: G2 -0.0425 0.0401 0.0010 0.0002 0.0015 0.0003 -0.0009

Beam 184: End 2: 3: Vento Q5 -0.0028 0.0027 -0.0017 0.0000 0.0025 0.0001 0.0008

Beam 184: End 2: 4: Carico mobile centrato -0.2957 0.3270 0.1100 -0.0201 0.1651 0.0302 -0.0368

Beam 185: End 1: 1: G1 -0.1375 0.1200 0.0072 0.0012 0.0108 0.0018 -0.0060

Beam 185: End 1: 2: G2 -0.0425 0.0401 0.0010 0.0002 0.0015 0.0003 -0.0009

Beam 185: End 1: 3: Vento Q5 -0.0028 0.0027 -0.0017 0.0000 0.0025 0.0001 0.0008

Beam 185: End 1: 4: Carico mobile centrato -0.2957 0.3270 0.1100 -0.0201 0.1651 0.0302 -0.0368

Beam 185: End 2: 1: G1 -0.3206 0.3032 0.0072 0.0012 0.0108 0.0018 -0.0060

Beam 185: End 2: 2: G2 -0.1589 0.1565 0.0140 0.0002 0.0210 0.0003 -0.0009

Beam 185: End 2: 3: Vento Q5 -0.0413 0.0412 -0.0017 0.0000 0.0025 0.0001 0.0008

Beam 185: End 2: 4: Carico mobile centrato -2.6243 2.6555 0.1100 -0.0201 0.1651 0.0302 -0.0368

Beam 186: End 1: 1: G1 -0.0977 0.0750 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 186: End 1: 2: G2 -0.1272 0.1241 -0.0130 0.0000 0.0196 0.0000 0.0000

Beam 186: End 1: 3: Vento Q5 -0.0470 0.0470 -0.0018 0.0000 0.0027 0.0001 0.0009

Beam 186: End 1: 4: Carico mobile centrato -0.6052 0.6195 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 186: End 2: 1: G1 -0.0977 0.0750 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 186: End 2: 2: G2 -0.0484 0.0453 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 186: End 2: 3: Vento Q5 0.0000 0.0000 -0.0018 0.0000 0.0027 0.0001 0.0009

Beam 186: End 2: 4: Carico mobile centrato -0.6052 0.6195 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 187: End 1: 1: G1 -0.0977 0.0750 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 187: End 1: 2: G2 -0.0484 0.0453 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 187: End 1: 3: Vento Q5 0.0000 0.0000 -0.0018 0.0000 0.0027 0.0001 0.0009

Beam 187: End 1: 4: Carico mobile centrato -0.6052 0.6195 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 187: End 2: 1: G1 -0.0977 0.0750 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 187: End 2: 2: G2 -0.1272 0.1241 0.0130 0.0000 0.0196 0.0000 0.0000

Beam 187: End 2: 3: Vento Q5 -0.0470 0.0470 -0.0018 0.0000 0.0027 0.0001 0.0009

Beam 187: End 2: 4: Carico mobile centrato -0.6052 0.6195 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 188: End 1: 1: G1 -0.3206 0.3032 -0.0072 -0.0012 0.0108 0.0018 0.0060

Beam 188: End 1: 2: G2 -0.1589 0.1565 -0.0140 -0.0002 0.0210 0.0003 0.0009

Beam 188: End 1: 3: Vento Q5 -0.0412 0.0413 -0.0017 0.0000 0.0025 0.0001 0.0008

Beam 188: End 1: 4: Carico mobile centrato -2.6243 2.6555 -0.1100 0.0201 0.1651 0.0302 0.0368

Beam 188: End 2: 1: G1 -0.1375 0.1200 -0.0072 -0.0012 0.0108 0.0018 0.0060

Beam 188: End 2: 2: G2 -0.0425 0.0401 -0.0010 -0.0002 0.0015 0.0003 0.0009

Beam 188: End 2: 3: Vento Q5 -0.0027 0.0028 -0.0017 0.0000 0.0025 0.0001 0.0008

Beam 188: End 2: 4: Carico mobile centrato -0.2957 0.3270 -0.1100 0.0201 0.1651 0.0302 0.0368

Beam 189: End 1: 1: G1 -0.1375 0.1200 -0.0072 -0.0012 0.0108 0.0018 0.0060

Beam 189: End 1: 2: G2 -0.0425 0.0401 -0.0010 -0.0002 0.0015 0.0003 0.0009

Beam 189: End 1: 3: Vento Q5 -0.0027 0.0028 -0.0017 0.0000 0.0025 0.0001 0.0008

Beam 189: End 1: 4: Carico mobile centrato -0.2957 0.3270 -0.1100 0.0201 0.1651 0.0302 0.0368

Beam 189: End 2: 1: G1 -0.0977 0.0803 -0.0072 -0.0012 0.0108 0.0018 0.0060

Beam 189: End 2: 2: G2 -0.1087 0.1063 0.0121 -0.0002 0.0181 0.0003 0.0009

Beam 189: End 2: 3: Vento Q5 -0.0466 0.0467 -0.0017 0.0000 0.0025 0.0001 0.0008

Beam 189: End 2: 4: Carico mobile centrato -3.2470 3.2782 -0.1100 0.0201 0.1651 0.0302 0.0368

Beam 190: End 1: 1: G1 -0.9364 0.9383 -0.0218 0.0015 0.0326 0.0022 0.0181

Beam 190: End 1: 2: G2 -0.2540 0.2546 -0.0161 0.0003 0.0241 0.0005 0.0028

Beam 190: End 1: 3: Vento Q5 -0.0270 0.0269 -0.0012 0.0000 0.0018 0.0001 0.0006

Beam 190: End 1: 4: Carico mobile centrato -3.2809 3.3161 0.1082 -0.0174 0.1623 0.0260 -0.0390

Beam 190: End 2: 1: G1 -0.3632 0.3651 -0.0218 0.0015 0.0326 0.0022 0.0181

Beam 190: End 2: 2: G2 -0.0041 0.0047 -0.0030 0.0003 0.0045 0.0005 0.0028

Beam 190: End 2: 3: Vento Q5 -0.0054 0.0053 -0.0012 0.0000 0.0018 0.0001 0.0006

Beam 190: End 2: 4: Carico mobile centrato -0.3896 0.4248 0.1082 -0.0174 0.1623 0.0260 -0.0390

Beam 191: End 1: 1: G1 -0.3632 0.3651 -0.0218 0.0015 0.0326 0.0022 0.0181

Beam 191: End 1: 2: G2 -0.0041 0.0047 -0.0030 0.0003 0.0045 0.0005 0.0028

Beam 191: End 1: 3: Vento Q5 -0.0054 0.0053 -0.0012 0.0000 0.0018 0.0001 0.0006

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 191: End 1: 4: Carico mobile centrato -0.3896 0.4248 0.1082 -0.0174 0.1623 0.0260 -0.0390

Beam 191: End 2: 1: G1 -0.2388 0.2407 -0.0218 0.0015 0.0326 0.0022 0.0181

Beam 191: End 2: 2: G2 -0.0945 0.0951 0.0100 0.0003 0.0151 0.0005 0.0028

Beam 191: End 2: 3: Vento Q5 -0.0372 0.0371 -0.0012 0.0000 0.0018 0.0001 0.0006

Beam 191: End 2: 4: Carico mobile centrato -2.4665 2.5017 0.1082 -0.0174 0.1623 0.0260 -0.0390

Beam 192: End 1: 1: G1 -0.2358 0.2373 0.0217 0.0085 0.0326 0.0128 0.0183

Beam 192: End 1: 2: G2 -0.0934 0.0939 -0.0100 0.0011 0.0151 0.0017 0.0028

Beam 192: End 1: 3: Vento Q5 -0.0369 0.0370 -0.0012 0.0000 0.0018 0.0000 -0.0006

Beam 192: End 1: 4: Carico mobile centrato -2.5814 2.6224 -0.1072 -0.0518 0.1608 0.0777 -0.0466

Beam 192: End 2: 1: G1 -0.3629 0.3644 0.0217 0.0085 0.0326 0.0128 0.0183

Beam 192: End 2: 2: G2 -0.0041 0.0046 0.0030 0.0011 0.0045 0.0017 0.0028

Beam 192: End 2: 3: Vento Q5 -0.0053 0.0054 -0.0012 0.0000 0.0018 0.0000 -0.0006

Beam 192: End 2: 4: Carico mobile centrato -0.3811 0.4221 -0.1072 -0.0518 0.1608 0.0777 -0.0466

Beam 193: End 1: 1: G1 -0.3629 0.3644 0.0217 0.0085 0.0326 0.0128 0.0183

Beam 193: End 1: 2: G2 -0.0041 0.0046 0.0030 0.0011 0.0045 0.0017 0.0028

Beam 193: End 1: 3: Vento Q5 -0.0053 0.0054 -0.0012 0.0000 0.0018 0.0000 -0.0006

Beam 193: End 1: 4: Carico mobile centrato -0.3811 0.4221 -0.1072 -0.0518 0.1608 0.0777 -0.0466

Beam 193: End 2: 1: G1 -0.9632 0.9646 0.0217 0.0085 0.0326 0.0128 0.0183

Beam 193: End 2: 2: G2 -0.2571 0.2577 0.0160 0.0011 0.0241 0.0017 0.0028

Beam 193: End 2: 3: Vento Q5 -0.0272 0.0273 -0.0012 0.0000 0.0018 0.0000 -0.0006

Beam 193: End 2: 4: Carico mobile centrato -3.3846 3.4256 -0.1072 -0.0518 0.1608 0.0777 -0.0466

Beam 194: End 1: 1: G1 -0.0861 0.0676 0.0072 0.0044 0.0108 0.0066 0.0059

Beam 194: End 1: 2: G2 -0.1067 0.1042 -0.0121 0.0006 0.0181 0.0008 0.0009

Beam 194: End 1: 3: Vento Q5 -0.0471 0.0470 -0.0017 -0.0002 0.0025 0.0003 -0.0009

Beam 194: End 1: 4: Carico mobile centrato -3.3520 3.3889 0.1090 0.0550 0.1635 0.0825 0.0449

Beam 194: End 2: 1: G1 -0.1377 0.1192 0.0072 0.0044 0.0108 0.0066 0.0059

Beam 194: End 2: 2: G2 -0.0425 0.0400 0.0010 0.0006 0.0015 0.0008 0.0009

Beam 194: End 2: 3: Vento Q5 -0.0028 0.0027 -0.0017 -0.0002 0.0025 0.0003 -0.0009

Beam 194: End 2: 4: Carico mobile centrato -0.2889 0.3258 0.1090 0.0550 0.1635 0.0825 0.0449

Beam 195: End 1: 1: G1 -0.1377 0.1192 0.0072 0.0044 0.0108 0.0066 0.0059

Beam 195: End 1: 2: G2 -0.0425 0.0400 0.0010 0.0006 0.0015 0.0008 0.0009

Beam 195: End 1: 3: Vento Q5 -0.0028 0.0027 -0.0017 -0.0002 0.0025 0.0003 -0.0009

Beam 195: End 1: 4: Carico mobile centrato -0.2889 0.3258 0.1090 0.0550 0.1635 0.0825 0.0449

Beam 195: End 2: 1: G1 -0.3429 0.3245 0.0072 0.0044 0.0108 0.0066 0.0059

Beam 195: End 2: 2: G2 -0.1618 0.1593 0.0140 0.0006 0.0210 0.0008 0.0009

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 195: End 2: 3: Vento Q5 -0.0416 0.0415 -0.0017 -0.0002 0.0025 0.0003 -0.0009

Beam 195: End 2: 4: Carico mobile centrato -2.7372 2.7741 0.1090 0.0550 0.1635 0.0825 0.0449

Beam 196: End 1: 1: G1 -0.0981 0.0742 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 196: End 1: 2: G2 -0.1273 0.1240 -0.0130 0.0000 0.0196 0.0000 0.0000

Beam 196: End 1: 3: Vento Q5 -0.0477 0.0477 -0.0018 -0.0002 0.0027 0.0004 -0.0009

Beam 196: End 1: 4: Carico mobile centrato -0.6017 0.6162 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 196: End 2: 1: G1 -0.0981 0.0742 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 196: End 2: 2: G2 -0.0484 0.0452 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 196: End 2: 3: Vento Q5 0.0000 0.0000 -0.0018 -0.0002 0.0027 0.0004 -0.0009

Beam 196: End 2: 4: Carico mobile centrato -0.6017 0.6162 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 197: End 1: 1: G1 -0.0981 0.0742 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 197: End 1: 2: G2 -0.0484 0.0452 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 197: End 1: 3: Vento Q5 0.0000 0.0000 -0.0018 -0.0002 0.0027 0.0004 -0.0009

Beam 197: End 1: 4: Carico mobile centrato -0.6017 0.6162 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 197: End 2: 1: G1 -0.0981 0.0742 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 197: End 2: 2: G2 -0.1273 0.1240 0.0130 0.0000 0.0196 0.0000 0.0000

Beam 197: End 2: 3: Vento Q5 -0.0477 0.0477 -0.0018 -0.0002 0.0027 0.0004 -0.0009

Beam 197: End 2: 4: Carico mobile centrato -0.6017 0.6162 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 198: End 1: 1: G1 -0.3429 0.3245 -0.0072 -0.0044 0.0108 0.0066 -0.0059

Beam 198: End 1: 2: G2 -0.1618 0.1593 -0.0140 -0.0006 0.0210 0.0008 -0.0009

Beam 198: End 1: 3: Vento Q5 -0.0415 0.0416 -0.0017 -0.0002 0.0025 0.0003 -0.0009

Beam 198: End 1: 4: Carico mobile centrato -2.7372 2.7741 -0.1090 -0.0550 0.1635 0.0825 -0.0449

Beam 198: End 2: 1: G1 -0.1377 0.1192 -0.0072 -0.0044 0.0108 0.0066 -0.0059

Beam 198: End 2: 2: G2 -0.0425 0.0400 -0.0010 -0.0006 0.0015 0.0008 -0.0009

Beam 198: End 2: 3: Vento Q5 -0.0027 0.0028 -0.0017 -0.0002 0.0025 0.0003 -0.0009

Beam 198: End 2: 4: Carico mobile centrato -0.2889 0.3258 -0.1090 -0.0550 0.1635 0.0825 -0.0449

Beam 199: End 1: 1: G1 -0.1377 0.1192 -0.0072 -0.0044 0.0108 0.0066 -0.0059

Beam 199: End 1: 2: G2 -0.0425 0.0400 -0.0010 -0.0006 0.0015 0.0008 -0.0009

Beam 199: End 1: 3: Vento Q5 -0.0027 0.0028 -0.0017 -0.0002 0.0025 0.0003 -0.0009

Beam 199: End 1: 4: Carico mobile centrato -0.2889 0.3258 -0.1090 -0.0550 0.1635 0.0825 -0.0449

Beam 199: End 2: 1: G1 -0.0861 0.0676 -0.0072 -0.0044 0.0108 0.0066 -0.0059

Beam 199: End 2: 2: G2 -0.1067 0.1042 0.0121 -0.0006 0.0181 0.0008 -0.0009

Beam 199: End 2: 3: Vento Q5 -0.0470 0.0471 -0.0017 -0.0002 0.0025 0.0003 -0.0009

Beam 199: End 2: 4: Carico mobile centrato -3.3520 3.3889 -0.1090 -0.0550 0.1635 0.0825 -0.0449

Beam 200: End 1: 1: G1 -0.9632 0.9646 -0.0217 -0.0085 0.0326 0.0128 -0.0183

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam 200: End 1: 2: G2 -0.2571 0.2577 -0.0160 -0.0011 0.0241 0.0017 -0.0028

Beam 200: End 1: 3: Vento Q5 -0.0273 0.0272 -0.0012 0.0000 0.0018 0.0000 -0.0006

Beam 200: End 1: 4: Carico mobile centrato -3.3846 3.4256 0.1072 0.0518 0.1608 0.0777 0.0466

Beam 200: End 2: 1: G1 -0.3629 0.3644 -0.0217 -0.0085 0.0326 0.0128 -0.0183

Beam 200: End 2: 2: G2 -0.0041 0.0046 -0.0030 -0.0011 0.0045 0.0017 -0.0028

Beam 200: End 2: 3: Vento Q5 -0.0054 0.0053 -0.0012 0.0000 0.0018 0.0000 -0.0006

Beam 200: End 2: 4: Carico mobile centrato -0.3811 0.4221 0.1072 0.0518 0.1608 0.0777 0.0466

Beam 201: End 1: 1: G1 -0.3629 0.3644 -0.0217 -0.0085 0.0326 0.0128 -0.0183

Beam 201: End 1: 2: G2 -0.0041 0.0046 -0.0030 -0.0011 0.0045 0.0017 -0.0028

Beam 201: End 1: 3: Vento Q5 -0.0054 0.0053 -0.0012 0.0000 0.0018 0.0000 -0.0006

Beam 201: End 1: 4: Carico mobile centrato -0.3811 0.4221 0.1072 0.0518 0.1608 0.0777 0.0466

Beam 201: End 2: 1: G1 -0.2358 0.2373 -0.0217 -0.0085 0.0326 0.0128 -0.0183

Beam 201: End 2: 2: G2 -0.0934 0.0939 0.0100 -0.0011 0.0151 0.0017 -0.0028

Beam 201: End 2: 3: Vento Q5 -0.0370 0.0369 -0.0012 0.0000 0.0018 0.0000 -0.0006

Beam 201: End 2: 4: Carico mobile centrato -2.5814 2.6224 0.1072 0.0518 0.1608 0.0777 0.0466

Beam 202: End 1: 1: G1 -0.1990 0.2023 0.0197 0.0183 0.0295 0.0275 0.0539

Beam 202: End 1: 2: G2 -0.0969 0.0978 -0.0103 0.0025 0.0155 0.0038 0.0083

Beam 202: End 1: 3: Vento Q5 -0.0352 0.0353 -0.0011 0.0000 0.0017 0.0000 -0.0017

Beam 202: End 1: 4: Carico mobile centrato -2.4315 2.4646 -0.0928 -0.1166 0.1393 0.1748 -0.1211

Beam 202: End 2: 1: G1 -0.3837 0.3870 0.0197 0.0183 0.0295 0.0275 0.0539

Beam 202: End 2: 2: G2 -0.0130 0.0139 0.0027 0.0025 0.0041 0.0038 0.0083

Beam 202: End 2: 3: Vento Q5 -0.0057 0.0058 -0.0011 0.0000 0.0017 0.0000 -0.0017

Beam 202: End 2: 4: Carico mobile centrato -0.4237 0.4568 -0.0928 -0.1166 0.1393 0.1748 -0.1211

Beam 203: End 1: 1: G1 -0.3837 0.3870 0.0197 0.0183 0.0295 0.0275 0.0539

Beam 203: End 1: 2: G2 -0.0130 0.0139 0.0027 0.0025 0.0041 0.0038 0.0083

Beam 203: End 1: 3: Vento Q5 -0.0057 0.0058 -0.0011 0.0000 0.0017 0.0000 -0.0017

Beam 203: End 1: 4: Carico mobile centrato -0.4237 0.4568 -0.0928 -0.1166 0.1393 0.1748 -0.1211

Beam 203: End 2: 1: G1 -0.9698 0.9730 0.0197 0.0183 0.0295 0.0275 0.0539

Beam 203: End 2: 2: G2 -0.2585 0.2594 0.0158 0.0025 0.0236 0.0038 0.0083

Beam 203: End 2: 3: Vento Q5 -0.0262 0.0262 -0.0011 0.0000 0.0017 0.0000 -0.0017

Beam 203: End 2: 4: Carico mobile centrato -3.3121 3.3451 -0.0928 -0.1166 0.1393 0.1748 -0.1211

Beam 204: End 1: 1: G1 -0.0831 0.0708 0.0067 0.0070 0.0101 0.0105 0.0173

Beam 204: End 1: 2: G2 -0.1079 0.1064 -0.0121 0.0009 0.0182 0.0013 0.0025

Beam 204: End 1: 3: Vento Q5 -0.0451 0.0450 -0.0016 -0.0004 0.0023 0.0006 -0.0025

Beam 204: End 1: 4: Carico mobile centrato -3.2893 3.3199 0.0945 0.1251 0.1418 0.1876 0.1156

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam 204: End 2: 1: G1 -0.1479 0.1357 0.0067 0.0070 0.0101 0.0105 0.0173

Beam 204: End 2: 2: G2 -0.0471 0.0457 0.0009 0.0009 0.0014 0.0013 0.0025

Beam 204: End 2: 3: Vento Q5 -0.0030 0.0029 -0.0016 -0.0004 0.0023 0.0006 -0.0025

Beam 204: End 2: 4: Carico mobile centrato -0.3228 0.3534 0.0945 0.1251 0.1418 0.1876 0.1156

Beam 205: End 1: 1: G1 -0.1479 0.1357 0.0067 0.0070 0.0101 0.0105 0.0173

Beam 205: End 1: 2: G2 -0.0471 0.0457 0.0009 0.0009 0.0014 0.0013 0.0025

Beam 205: End 1: 3: Vento Q5 -0.0030 0.0029 -0.0016 -0.0004 0.0023 0.0006 -0.0025

Beam 205: End 1: 4: Carico mobile centrato -0.3228 0.3534 0.0945 0.1251 0.1418 0.1876 0.1156

Beam 205: End 2: 1: G1 -0.3510 0.3387 0.0067 0.0070 0.0101 0.0105 0.0173

Beam 205: End 2: 2: G2 -0.1628 0.1613 0.0140 0.0009 0.0209 0.0013 0.0025

Beam 205: End 2: 3: Vento Q5 -0.0392 0.0391 -0.0016 -0.0004 0.0023 0.0006 -0.0025

Beam 205: End 2: 4: Carico mobile centrato -2.6132 2.6437 0.0945 0.1251 0.1418 0.1876 0.1156

Beam 206: End 1: 1: G1 -0.1034 0.0878 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 206: End 1: 2: G2 -0.1280 0.1261 -0.0130 0.0000 0.0196 0.0000 0.0000

Beam 206: End 1: 3: Vento Q5 -0.0456 0.0456 -0.0017 -0.0005 0.0025 0.0008 -0.0027

Beam 206: End 1: 4: Carico mobile centrato -0.6568 0.6743 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 206: End 2: 1: G1 -0.1034 0.0878 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 206: End 2: 2: G2 -0.0509 0.0491 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 206: End 2: 3: Vento Q5 0.0000 0.0000 -0.0017 -0.0005 0.0025 0.0008 -0.0027

Beam 206: End 2: 4: Carico mobile centrato -0.6568 0.6743 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 207: End 1: 1: G1 -0.1034 0.0878 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 207: End 1: 2: G2 -0.0509 0.0491 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 207: End 1: 3: Vento Q5 0.0000 0.0000 -0.0017 -0.0005 0.0025 0.0008 -0.0027

Beam 207: End 1: 4: Carico mobile centrato -0.6568 0.6743 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 207: End 2: 1: G1 -0.1034 0.0878 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 207: End 2: 2: G2 -0.1280 0.1261 0.0130 0.0000 0.0196 0.0000 0.0000

Beam 207: End 2: 3: Vento Q5 -0.0456 0.0456 -0.0017 -0.0005 0.0025 0.0008 -0.0027

Beam 207: End 2: 4: Carico mobile centrato -0.6568 0.6743 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 208: End 1: 1: G1 -0.3510 0.3387 -0.0067 -0.0070 0.0101 0.0105 -0.0173

Beam 208: End 1: 2: G2 -0.1628 0.1613 -0.0140 -0.0009 0.0209 0.0013 -0.0025

Beam 208: End 1: 3: Vento Q5 -0.0391 0.0392 -0.0016 -0.0004 0.0023 0.0006 -0.0025

Beam 208: End 1: 4: Carico mobile centrato -2.6132 2.6437 -0.0945 -0.1251 0.1418 0.1876 -0.1156

Beam 208: End 2: 1: G1 -0.1479 0.1357 -0.0067 -0.0070 0.0101 0.0105 -0.0173

Beam 208: End 2: 2: G2 -0.0471 0.0457 -0.0009 -0.0009 0.0014 0.0013 -0.0025

Beam 208: End 2: 3: Vento Q5 -0.0029 0.0030 -0.0016 -0.0004 0.0023 0.0006 -0.0025

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 208: End 2: 4: Carico mobile centrato -0.3228 0.3534 -0.0945 -0.1251 0.1418 0.1876 -0.1156

Beam 209: End 1: 1: G1 -0.1479 0.1357 -0.0067 -0.0070 0.0101 0.0105 -0.0173

Beam 209: End 1: 2: G2 -0.0471 0.0457 -0.0009 -0.0009 0.0014 0.0013 -0.0025

Beam 209: End 1: 3: Vento Q5 -0.0029 0.0030 -0.0016 -0.0004 0.0023 0.0006 -0.0025

Beam 209: End 1: 4: Carico mobile centrato -0.3228 0.3534 -0.0945 -0.1251 0.1418 0.1876 -0.1156

Beam 209: End 2: 1: G1 -0.0831 0.0708 -0.0067 -0.0070 0.0101 0.0105 -0.0173

Beam 209: End 2: 2: G2 -0.1079 0.1064 0.0121 -0.0009 0.0182 0.0013 -0.0025

Beam 209: End 2: 3: Vento Q5 -0.0450 0.0451 -0.0016 -0.0004 0.0023 0.0006 -0.0025

Beam 209: End 2: 4: Carico mobile centrato -3.2893 3.3199 -0.0945 -0.1251 0.1418 0.1876 -0.1156

Beam 210: End 1: 1: G1 -0.9698 0.9730 -0.0197 -0.0183 0.0295 0.0275 -0.0539

Beam 210: End 1: 2: G2 -0.2585 0.2594 -0.0158 -0.0025 0.0236 0.0038 -0.0083

Beam 210: End 1: 3: Vento Q5 -0.0262 0.0262 -0.0011 0.0000 0.0017 0.0000 -0.0017

Beam 210: End 1: 4: Carico mobile centrato -3.3121 3.3451 0.0928 0.1166 0.1393 0.1748 0.1211

Beam 210: End 2: 1: G1 -0.3837 0.3870 -0.0197 -0.0183 0.0295 0.0275 -0.0539

Beam 210: End 2: 2: G2 -0.0130 0.0139 -0.0027 -0.0025 0.0041 0.0038 -0.0083

Beam 210: End 2: 3: Vento Q5 -0.0058 0.0057 -0.0011 0.0000 0.0017 0.0000 -0.0017

Beam 210: End 2: 4: Carico mobile centrato -0.4237 0.4568 0.0928 0.1166 0.1393 0.1748 0.1211

Beam 211: End 1: 1: G1 -0.3837 0.3870 -0.0197 -0.0183 0.0295 0.0275 -0.0539

Beam 211: End 1: 2: G2 -0.0130 0.0139 -0.0027 -0.0025 0.0041 0.0038 -0.0083

Beam 211: End 1: 3: Vento Q5 -0.0058 0.0057 -0.0011 0.0000 0.0017 0.0000 -0.0017

Beam 211: End 1: 4: Carico mobile centrato -0.4237 0.4568 0.0928 0.1166 0.1393 0.1748 0.1211

Beam 211: End 2: 1: G1 -0.1990 0.2023 -0.0197 -0.0183 0.0295 0.0275 -0.0539

Beam 211: End 2: 2: G2 -0.0969 0.0978 0.0103 -0.0025 0.0155 0.0038 -0.0083

Beam 211: End 2: 3: Vento Q5 -0.0353 0.0352 -0.0011 0.0000 0.0017 0.0000 -0.0017

Beam 211: End 2: 4: Carico mobile centrato -2.4315 2.4646 0.0928 0.1166 0.1393 0.1748 0.1211

Beam 212: End 1: 1: G1 -0.1289 0.1363 0.0158 0.0273 0.0237 0.0409 0.0866

Beam 212: End 1: 2: G2 -0.1067 0.1083 -0.0109 0.0037 0.0163 0.0056 0.0133

Beam 212: End 1: 3: Vento Q5 -0.0310 0.0311 -0.0010 -0.0001 0.0014 0.0001 -0.0028

Beam 212: End 1: 4: Carico mobile centrato -1.9613 1.9834 -0.0693 -0.1490 0.1039 0.2235 -0.1611

Beam 212: End 2: 1: G1 -0.3845 0.3919 0.0158 0.0273 0.0237 0.0409 0.0866

Beam 212: End 2: 2: G2 -0.0274 0.0290 0.0022 0.0037 0.0032 0.0056 0.0133

Beam 212: End 2: 3: Vento Q5 -0.0057 0.0057 -0.0010 -0.0001 0.0014 0.0001 -0.0028

Beam 212: End 2: 4: Carico mobile centrato -0.4194 0.4414 -0.0693 -0.1490 0.1039 0.2235 -0.1611

Beam 213: End 1: 1: G1 -0.3845 0.3919 0.0158 0.0273 0.0237 0.0409 0.0866

Beam 213: End 1: 2: G2 -0.0274 0.0290 0.0022 0.0037 0.0032 0.0056 0.0133

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam 213: End 1: 3: Vento Q5 -0.0057 0.0057 -0.0010 -0.0001 0.0014 0.0001 -0.0028

Beam 213: End 1: 4: Carico mobile centrato -0.4194 0.4414 -0.0693 -0.1490 0.1039 0.2235 -0.1611

Beam 213: End 2: 1: G1 -0.9052 0.9126 0.0158 0.0273 0.0237 0.0409 0.0866

Beam 213: End 2: 2: G2 -0.2489 0.2505 0.0152 0.0037 0.0228 0.0056 0.0133

Beam 213: End 2: 3: Vento Q5 -0.0231 0.0232 -0.0010 -0.0001 0.0014 0.0001 -0.0028

Beam 213: End 2: 4: Carico mobile centrato -2.8221 2.8442 -0.0693 -0.1490 0.1039 0.2235 -0.1611

Beam 214: End 1: 1: G1 -0.0866 0.0903 0.0058 0.0085 0.0086 0.0127 0.0271

Beam 214: End 1: 2: G2 -0.1096 0.1108 -0.0123 0.0010 0.0184 0.0015 0.0039

Beam 214: End 1: 3: Vento Q5 -0.0402 0.0401 -0.0013 -0.0007 0.0020 0.0010 -0.0040

Beam 214: End 1: 4: Carico mobile centrato -2.8119 2.8303 0.0708 0.1612 0.1062 0.2418 0.1524

Beam 214: End 2: 1: G1 -0.1414 0.1451 0.0058 0.0085 0.0086 0.0127 0.0271

Beam 214: End 2: 2: G2 -0.0521 0.0533 0.0008 0.0010 0.0012 0.0015 0.0039

Beam 214: End 2: 3: Vento Q5 -0.0030 0.0029 -0.0013 -0.0007 0.0020 0.0010 -0.0040

Beam 214: End 2: 4: Carico mobile centrato -0.3202 0.3386 0.0708 0.1612 0.1062 0.2418 0.1524

Beam 215: End 1: 1: G1 -0.1414 0.1451 0.0058 0.0085 0.0086 0.0127 0.0271

Beam 215: End 1: 2: G2 -0.0521 0.0533 0.0008 0.0010 0.0012 0.0015 0.0039

Beam 215: End 1: 3: Vento Q5 -0.0030 0.0029 -0.0013 -0.0007 0.0020 0.0010 -0.0040

Beam 215: End 1: 4: Carico mobile centrato -0.3202 0.3386 0.0708 0.1612 0.1062 0.2418 0.1524

Beam 215: End 2: 1: G1 -0.3256 0.3293 0.0058 0.0085 0.0086 0.0127 0.0271

Beam 215: End 2: 2: G2 -0.1588 0.1600 0.0138 0.0010 0.0207 0.0015 0.0039

Beam 215: End 2: 3: Vento Q5 -0.0343 0.0342 -0.0013 -0.0007 0.0020 0.0010 -0.0040

Beam 215: End 2: 4: Carico mobile centrato -2.1532 2.1716 0.0708 0.1612 0.1062 0.2418 0.1524

Beam 216: End 1: 1: G1 -0.0953 0.0980 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 216: End 1: 2: G2 -0.1266 0.1277 -0.0130 0.0000 0.0196 0.0000 0.0000

Beam 216: End 1: 3: Vento Q5 -0.0405 0.0405 -0.0014 -0.0009 0.0021 0.0013 -0.0043

Beam 216: End 1: 4: Carico mobile centrato -0.6372 0.6528 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 216: End 2: 1: G1 -0.0953 0.0980 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 216: End 2: 2: G2 -0.0530 0.0541 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 216: End 2: 3: Vento Q5 0.0000 0.0000 -0.0014 -0.0009 0.0021 0.0013 -0.0043

Beam 216: End 2: 4: Carico mobile centrato -0.6372 0.6528 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 217: End 1: 1: G1 -0.0953 0.0980 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 217: End 1: 2: G2 -0.0530 0.0541 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 217: End 1: 3: Vento Q5 0.0000 0.0000 -0.0014 -0.0009 0.0021 0.0013 -0.0043

Beam 217: End 1: 4: Carico mobile centrato -0.6372 0.6528 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 217: End 2: 1: G1 -0.0953 0.0980 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
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Beam 217: End 2: 2: G2 -0.1266 0.1277 0.0130 0.0000 0.0196 0.0000 0.0000

Beam 217: End 2: 3: Vento Q5 -0.0405 0.0405 -0.0014 -0.0009 0.0021 0.0013 -0.0043

Beam 217: End 2: 4: Carico mobile centrato -0.6372 0.6528 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 218: End 1: 1: G1 -0.3256 0.3293 -0.0058 -0.0085 0.0086 0.0127 -0.0271

Beam 218: End 1: 2: G2 -0.1588 0.1600 -0.0138 -0.0010 0.0207 0.0015 -0.0039

Beam 218: End 1: 3: Vento Q5 -0.0342 0.0343 -0.0013 -0.0007 0.0020 0.0010 -0.0040

Beam 218: End 1: 4: Carico mobile centrato -2.1532 2.1716 -0.0708 -0.1612 0.1062 0.2418 -0.1524

Beam 218: End 2: 1: G1 -0.1414 0.1451 -0.0058 -0.0085 0.0086 0.0127 -0.0271

Beam 218: End 2: 2: G2 -0.0521 0.0533 -0.0008 -0.0010 0.0012 0.0015 -0.0039

Beam 218: End 2: 3: Vento Q5 -0.0029 0.0030 -0.0013 -0.0007 0.0020 0.0010 -0.0040

Beam 218: End 2: 4: Carico mobile centrato -0.3202 0.3386 -0.0708 -0.1612 0.1062 0.2418 -0.1524

Beam 219: End 1: 1: G1 -0.1414 0.1451 -0.0058 -0.0085 0.0086 0.0127 -0.0271

Beam 219: End 1: 2: G2 -0.0521 0.0533 -0.0008 -0.0010 0.0012 0.0015 -0.0039

Beam 219: End 1: 3: Vento Q5 -0.0029 0.0030 -0.0013 -0.0007 0.0020 0.0010 -0.0040

Beam 219: End 1: 4: Carico mobile centrato -0.3202 0.3386 -0.0708 -0.1612 0.1062 0.2418 -0.1524

Beam 219: End 2: 1: G1 -0.0866 0.0903 -0.0058 -0.0085 0.0086 0.0127 -0.0271

Beam 219: End 2: 2: G2 -0.1096 0.1108 0.0123 -0.0010 0.0184 0.0015 -0.0039

Beam 219: End 2: 3: Vento Q5 -0.0401 0.0402 -0.0013 -0.0007 0.0020 0.0010 -0.0040

Beam 219: End 2: 4: Carico mobile centrato -2.8119 2.8303 -0.0708 -0.1612 0.1062 0.2418 -0.1524

Beam 220: End 1: 1: G1 -0.9052 0.9126 -0.0158 -0.0273 0.0237 0.0409 -0.0866

Beam 220: End 1: 2: G2 -0.2489 0.2505 -0.0152 -0.0037 0.0228 0.0056 -0.0133

Beam 220: End 1: 3: Vento Q5 -0.0232 0.0231 -0.0010 -0.0001 0.0014 0.0001 -0.0028

Beam 220: End 1: 4: Carico mobile centrato -2.8221 2.8442 0.0693 0.1490 0.1039 0.2235 0.1611

Beam 220: End 2: 1: G1 -0.3845 0.3919 -0.0158 -0.0273 0.0237 0.0409 -0.0866

Beam 220: End 2: 2: G2 -0.0274 0.0290 -0.0022 -0.0037 0.0032 0.0056 -0.0133

Beam 220: End 2: 3: Vento Q5 -0.0057 0.0057 -0.0010 -0.0001 0.0014 0.0001 -0.0028

Beam 220: End 2: 4: Carico mobile centrato -0.4194 0.4414 0.0693 0.1490 0.1039 0.2235 0.1611

Beam 221: End 1: 1: G1 -0.3845 0.3919 -0.0158 -0.0273 0.0237 0.0409 -0.0866

Beam 221: End 1: 2: G2 -0.0274 0.0290 -0.0022 -0.0037 0.0032 0.0056 -0.0133

Beam 221: End 1: 3: Vento Q5 -0.0057 0.0057 -0.0010 -0.0001 0.0014 0.0001 -0.0028

Beam 221: End 1: 4: Carico mobile centrato -0.4194 0.4414 0.0693 0.1490 0.1039 0.2235 0.1611

Beam 221: End 2: 1: G1 -0.1289 0.1363 -0.0158 -0.0273 0.0237 0.0409 -0.0866

Beam 221: End 2: 2: G2 -0.1067 0.1083 0.0109 -0.0037 0.0163 0.0056 -0.0133

Beam 221: End 2: 3: Vento Q5 -0.0311 0.0310 -0.0010 -0.0001 0.0014 0.0001 -0.0028

Beam 221: End 2: 4: Carico mobile centrato -1.9613 1.9834 0.0693 0.1490 0.1039 0.2235 0.1611

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 222: End 1: 1: G1 -0.0692 0.0889 0.0105 0.0358 0.0158 0.0537 0.1137

Beam 222: End 1: 2: G2 -0.1188 0.1224 -0.0116 0.0048 0.0175 0.0072 0.0175

Beam 222: End 1: 3: Vento Q5 -0.0248 0.0247 -0.0007 -0.0003 0.0011 0.0004 -0.0036

Beam 222: End 1: 4: Carico mobile centrato -1.3930 1.4135 -0.0438 -0.1603 0.0657 0.2405 -0.1659

Beam 222: End 2: 1: G1 -0.3657 0.3854 0.0105 0.0358 0.0158 0.0537 0.1137

Beam 222: End 2: 2: G2 -0.0464 0.0500 0.0014 0.0048 0.0021 0.0072 0.0175

Beam 222: End 2: 3: Vento Q5 -0.0051 0.0051 -0.0007 -0.0003 0.0011 0.0004 -0.0036

Beam 222: End 2: 4: Carico mobile centrato -0.3709 0.3914 -0.0438 -0.1603 0.0657 0.2405 -0.1659

Beam 223: End 1: 1: G1 -0.3657 0.3854 0.0105 0.0358 0.0158 0.0537 0.1137

Beam 223: End 1: 2: G2 -0.0464 0.0500 0.0014 0.0048 0.0021 0.0072 0.0175

Beam 223: End 1: 3: Vento Q5 -0.0051 0.0051 -0.0007 -0.0003 0.0011 0.0004 -0.0036

Beam 223: End 1: 4: Carico mobile centrato -0.3709 0.3914 -0.0438 -0.1603 0.0657 0.2405 -0.1659

Beam 223: End 2: 1: G1 -0.7833 0.8030 0.0105 0.0358 0.0158 0.0537 0.1137

Beam 223: End 2: 2: G2 -0.2304 0.2340 0.0144 0.0048 0.0217 0.0072 0.0175

Beam 223: End 2: 3: Vento Q5 -0.0179 0.0178 -0.0007 -0.0003 0.0011 0.0004 -0.0036

Beam 223: End 2: 4: Carico mobile centrato -2.1553 2.1758 -0.0438 -0.1603 0.0657 0.2405 -0.1659

Beam 224: End 1: 1: G1 -0.0685 0.0987 0.0044 0.0113 0.0066 0.0169 0.0346

Beam 224: End 1: 2: G2 -0.1089 0.1143 -0.0124 0.0014 0.0187 0.0021 0.0050

Beam 224: End 1: 3: Vento Q5 -0.0332 0.0330 -0.0010 -0.0011 0.0015 0.0017 -0.0051

Beam 224: End 1: 4: Carico mobile centrato -2.1624 2.1733 0.0452 0.1756 0.0678 0.2633 0.1547

Beam 224: End 2: 1: G1 -0.1149 0.1451 0.0044 0.0113 0.0066 0.0169 0.0346

Beam 224: End 2: 2: G2 -0.0563 0.0617 0.0006 0.0014 0.0009 0.0021 0.0050

Beam 224: End 2: 3: Vento Q5 -0.0028 0.0026 -0.0010 -0.0011 0.0015 0.0017 -0.0051

Beam 224: End 2: 4: Carico mobile centrato -0.2812 0.2921 0.0452 0.1756 0.0678 0.2633 0.1547

Beam 225: End 1: 1: G1 -0.1149 0.1451 0.0044 0.0113 0.0066 0.0169 0.0346

Beam 225: End 1: 2: G2 -0.0563 0.0617 0.0006 0.0014 0.0009 0.0021 0.0050

Beam 225: End 1: 3: Vento Q5 -0.0028 0.0026 -0.0010 -0.0011 0.0015 0.0017 -0.0051

Beam 225: End 1: 4: Carico mobile centrato -0.2812 0.2921 0.0452 0.1756 0.0678 0.2633 0.1547

Beam 225: End 2: 1: G1 -0.2745 0.3047 0.0044 0.0113 0.0066 0.0169 0.0346

Beam 225: End 2: 2: G2 -0.1513 0.1567 0.0136 0.0014 0.0205 0.0021 0.0050

Beam 225: End 2: 3: Vento Q5 -0.0278 0.0276 -0.0010 -0.0011 0.0015 0.0017 -0.0051

Beam 225: End 2: 4: Carico mobile centrato -1.5892 1.6001 0.0452 0.1756 0.0678 0.2633 0.1547

Beam 226: End 1: 1: G1 -0.0750 0.1004 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 226: End 1: 2: G2 -0.1236 0.1282 -0.0130 0.0000 0.0196 0.0000 0.0000

Beam 226: End 1: 3: Vento Q5 -0.0335 0.0335 -0.0011 -0.0014 0.0016 0.0021 -0.0056

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 226: End 1: 4: Carico mobile centrato -0.5632 0.5555 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 226: End 2: 1: G1 -0.0750 0.1004 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 226: End 2: 2: G2 -0.0547 0.0593 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 226: End 2: 3: Vento Q5 0.0000 0.0000 -0.0011 -0.0014 0.0016 0.0021 -0.0056

Beam 226: End 2: 4: Carico mobile centrato -0.5632 0.5555 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 227: End 1: 1: G1 -0.0750 0.1004 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 227: End 1: 2: G2 -0.0547 0.0593 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 227: End 1: 3: Vento Q5 0.0000 0.0000 -0.0011 -0.0014 0.0016 0.0021 -0.0056

Beam 227: End 1: 4: Carico mobile centrato -0.5632 0.5555 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 227: End 2: 1: G1 -0.0750 0.1004 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 227: End 2: 2: G2 -0.1236 0.1282 0.0130 0.0000 0.0196 0.0000 0.0000

Beam 227: End 2: 3: Vento Q5 -0.0335 0.0335 -0.0011 -0.0014 0.0016 0.0021 -0.0056

Beam 227: End 2: 4: Carico mobile centrato -0.5632 0.5555 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 228: End 1: 1: G1 -0.2745 0.3047 -0.0044 -0.0113 0.0066 0.0169 -0.0346

Beam 228: End 1: 2: G2 -0.1513 0.1567 -0.0136 -0.0014 0.0205 0.0021 -0.0050

Beam 228: End 1: 3: Vento Q5 -0.0276 0.0278 -0.0010 -0.0011 0.0015 0.0017 -0.0051

Beam 228: End 1: 4: Carico mobile centrato -1.5892 1.6001 -0.0452 -0.1756 0.0678 0.2633 -0.1547

Beam 228: End 2: 1: G1 -0.1149 0.1451 -0.0044 -0.0113 0.0066 0.0169 -0.0346

Beam 228: End 2: 2: G2 -0.0563 0.0617 -0.0006 -0.0014 0.0009 0.0021 -0.0050

Beam 228: End 2: 3: Vento Q5 -0.0026 0.0028 -0.0010 -0.0011 0.0015 0.0017 -0.0051

Beam 228: End 2: 4: Carico mobile centrato -0.2812 0.2921 -0.0452 -0.1756 0.0678 0.2633 -0.1547

Beam 229: End 1: 1: G1 -0.1149 0.1451 -0.0044 -0.0113 0.0066 0.0169 -0.0346

Beam 229: End 1: 2: G2 -0.0563 0.0617 -0.0006 -0.0014 0.0009 0.0021 -0.0050

Beam 229: End 1: 3: Vento Q5 -0.0026 0.0028 -0.0010 -0.0011 0.0015 0.0017 -0.0051

Beam 229: End 1: 4: Carico mobile centrato -0.2812 0.2921 -0.0452 -0.1756 0.0678 0.2633 -0.1547

Beam 229: End 2: 1: G1 -0.0685 0.0987 -0.0044 -0.0113 0.0066 0.0169 -0.0346

Beam 229: End 2: 2: G2 -0.1089 0.1143 0.0124 -0.0014 0.0187 0.0021 -0.0050

Beam 229: End 2: 3: Vento Q5 -0.0330 0.0332 -0.0010 -0.0011 0.0015 0.0017 -0.0051

Beam 229: End 2: 4: Carico mobile centrato -2.1624 2.1733 -0.0452 -0.1756 0.0678 0.2633 -0.1547

Beam 230: End 1: 1: G1 -0.7833 0.8030 -0.0105 -0.0358 0.0158 0.0537 -0.1137

Beam 230: End 1: 2: G2 -0.2304 0.2340 -0.0144 -0.0048 0.0217 0.0072 -0.0175

Beam 230: End 1: 3: Vento Q5 -0.0178 0.0179 -0.0007 -0.0003 0.0011 0.0004 -0.0036

Beam 230: End 1: 4: Carico mobile centrato -2.1553 2.1758 0.0438 0.1603 0.0657 0.2405 0.1659

Beam 230: End 2: 1: G1 -0.3657 0.3854 -0.0105 -0.0358 0.0158 0.0537 -0.1137

Beam 230: End 2: 2: G2 -0.0464 0.0500 -0.0014 -0.0048 0.0021 0.0072 -0.0175

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 230: End 2: 3: Vento Q5 -0.0051 0.0051 -0.0007 -0.0003 0.0011 0.0004 -0.0036

Beam 230: End 2: 4: Carico mobile centrato -0.3709 0.3914 0.0438 0.1603 0.0657 0.2405 0.1659

Beam 231: End 1: 1: G1 -0.3657 0.3854 -0.0105 -0.0358 0.0158 0.0537 -0.1137

Beam 231: End 1: 2: G2 -0.0464 0.0500 -0.0014 -0.0048 0.0021 0.0072 -0.0175

Beam 231: End 1: 3: Vento Q5 -0.0051 0.0051 -0.0007 -0.0003 0.0011 0.0004 -0.0036

Beam 231: End 1: 4: Carico mobile centrato -0.3709 0.3914 0.0438 0.1603 0.0657 0.2405 0.1659

Beam 231: End 2: 1: G1 -0.0692 0.0889 -0.0105 -0.0358 0.0158 0.0537 -0.1137

Beam 231: End 2: 2: G2 -0.1188 0.1224 0.0116 -0.0048 0.0175 0.0072 -0.0175

Beam 231: End 2: 3: Vento Q5 -0.0247 0.0248 -0.0007 -0.0003 0.0011 0.0004 -0.0036

Beam 231: End 2: 4: Carico mobile centrato -1.3930 1.4135 0.0438 0.1603 0.0657 0.2405 0.1659

Beam 232: End 1: 1: G1 0.0074 0.0689 0.0048 0.0187 0.0072 0.0280 0.1265

Beam 232: End 1: 2: G2 -0.1222 0.1348 -0.0125 0.0025 0.0187 0.0037 0.0194

Beam 232: End 1: 3: Vento Q5 -0.0166 0.0162 -0.0004 -0.0003 0.0007 0.0004 -0.0040

Beam 232: End 1: 4: Carico mobile centrato -0.8821 0.8883 -0.0243 -0.0741 0.0365 0.1111 -0.1590

Beam 232: End 2: 1: G1 -0.2422 0.3185 0.0048 0.0187 0.0072 0.0280 0.1265

Beam 232: End 2: 2: G2 -0.0481 0.0607 0.0006 0.0025 0.0009 0.0037 0.0194

Beam 232: End 2: 3: Vento Q5 -0.0032 0.0028 -0.0004 -0.0003 0.0007 0.0004 -0.0040

Beam 232: End 2: 4: Carico mobile centrato -0.2399 0.2461 -0.0243 -0.0741 0.0365 0.1111 -0.1590

Beam 233: End 1: 1: G1 -0.2422 0.3185 0.0048 0.0187 0.0072 0.0280 0.1265

Beam 233: End 1: 2: G2 -0.0481 0.0607 0.0006 0.0025 0.0009 0.0037 0.0194

Beam 233: End 1: 3: Vento Q5 -0.0032 0.0028 -0.0004 -0.0003 0.0007 0.0004 -0.0040

Beam 233: End 1: 4: Carico mobile centrato -0.2399 0.2461 -0.0243 -0.0741 0.0365 0.1111 -0.1590

Beam 233: End 2: 1: G1 -0.4918 0.5681 0.0048 0.0187 0.0072 0.0280 0.1265

Beam 233: End 2: 2: G2 -0.1856 0.1983 0.0136 0.0025 0.0204 0.0037 0.0194

Beam 233: End 2: 3: Vento Q5 -0.0105 0.0101 -0.0004 -0.0003 0.0007 0.0004 -0.0040

Beam 233: End 2: 4: Carico mobile centrato -1.3680 1.3742 -0.0243 -0.0741 0.0365 0.1111 -0.1590

Beam 234: End 1: 1: G1 -0.0342 0.0846 0.0027 0.0094 0.0040 0.0142 0.0376

Beam 234: End 1: 2: G2 -0.1076 0.1163 -0.0127 0.0013 0.0190 0.0020 0.0054

Beam 234: End 1: 3: Vento Q5 -0.0234 0.0231 -0.0006 -0.0008 0.0010 0.0011 -0.0057

Beam 234: End 1: 4: Carico mobile centrato -1.3747 1.3818 0.0259 0.0793 0.0388 0.1190 0.1469

Beam 234: End 2: 1: G1 -0.0487 0.0990 0.0027 0.0094 0.0040 0.0142 0.0376

Beam 234: End 2: 2: G2 -0.0531 0.0617 0.0004 0.0013 0.0005 0.0020 0.0054

Beam 234: End 2: 3: Vento Q5 -0.0018 0.0015 -0.0006 -0.0008 0.0010 0.0011 -0.0057

Beam 234: End 2: 4: Carico mobile centrato -0.1705 0.1776 0.0259 0.0793 0.0388 0.1190 0.1469

Beam 235: End 1: 1: G1 -0.0487 0.0990 0.0027 0.0094 0.0040 0.0142 0.0376

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 235: End 1: 2: G2 -0.0531 0.0617 0.0004 0.0013 0.0005 0.0020 0.0054

Beam 235: End 1: 3: Vento Q5 -0.0018 0.0015 -0.0006 -0.0008 0.0010 0.0011 -0.0057

Beam 235: End 1: 4: Carico mobile centrato -0.1705 0.1776 0.0259 0.0793 0.0388 0.1190 0.1469

Beam 235: End 2: 1: G1 -0.1819 0.2323 0.0027 0.0094 0.0040 0.0142 0.0376

Beam 235: End 2: 2: G2 -0.1383 0.1469 0.0134 0.0013 0.0201 0.0020 0.0054

Beam 235: End 2: 3: Vento Q5 -0.0201 0.0198 -0.0006 -0.0008 0.0010 0.0011 -0.0057

Beam 235: End 2: 4: Carico mobile centrato -1.0267 1.0338 0.0259 0.0793 0.0388 0.1190 0.1469

Beam 236: End 1: 1: G1 -0.0364 0.0695 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 236: End 1: 2: G2 -0.1181 0.1238 -0.0130 0.0000 0.0196 0.0000 0.0000

Beam 236: End 1: 3: Vento Q5 -0.0239 0.0239 -0.0007 -0.0009 0.0010 0.0014 -0.0062

Beam 236: End 1: 4: Carico mobile centrato -0.3595 0.3241 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 236: End 2: 1: G1 -0.0364 0.0695 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 236: End 2: 2: G2 -0.0535 0.0593 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 236: End 2: 3: Vento Q5 0.0000 0.0000 -0.0007 -0.0009 0.0010 0.0014 -0.0062

Beam 236: End 2: 4: Carico mobile centrato -0.3595 0.3241 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 237: End 1: 1: G1 -0.0364 0.0695 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 237: End 1: 2: G2 -0.0535 0.0593 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 237: End 1: 3: Vento Q5 0.0000 0.0000 -0.0007 -0.0009 0.0010 0.0014 -0.0062

Beam 237: End 1: 4: Carico mobile centrato -0.3595 0.3241 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 237: End 2: 1: G1 -0.0364 0.0695 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 237: End 2: 2: G2 -0.1181 0.1238 0.0130 0.0000 0.0196 0.0000 0.0000

Beam 237: End 2: 3: Vento Q5 -0.0239 0.0239 -0.0007 -0.0009 0.0010 0.0014 -0.0062

Beam 237: End 2: 4: Carico mobile centrato -0.3595 0.3241 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 238: End 1: 1: G1 -0.1819 0.2323 -0.0027 -0.0094 0.0040 0.0142 -0.0376

Beam 238: End 1: 2: G2 -0.1383 0.1469 -0.0134 -0.0013 0.0201 0.0020 -0.0054

Beam 238: End 1: 3: Vento Q5 -0.0198 0.0201 -0.0006 -0.0008 0.0010 0.0011 -0.0057

Beam 238: End 1: 4: Carico mobile centrato -1.0267 1.0338 -0.0259 -0.0793 0.0388 0.1190 -0.1469

Beam 238: End 2: 1: G1 -0.0487 0.0990 -0.0027 -0.0094 0.0040 0.0142 -0.0376

Beam 238: End 2: 2: G2 -0.0531 0.0617 -0.0004 -0.0013 0.0005 0.0020 -0.0054

Beam 238: End 2: 3: Vento Q5 -0.0015 0.0018 -0.0006 -0.0008 0.0010 0.0011 -0.0057

Beam 238: End 2: 4: Carico mobile centrato -0.1705 0.1776 -0.0259 -0.0793 0.0388 0.1190 -0.1469

Beam 239: End 1: 1: G1 -0.0487 0.0990 -0.0027 -0.0094 0.0040 0.0142 -0.0376

Beam 239: End 1: 2: G2 -0.0531 0.0617 -0.0004 -0.0013 0.0005 0.0020 -0.0054

Beam 239: End 1: 3: Vento Q5 -0.0015 0.0018 -0.0006 -0.0008 0.0010 0.0011 -0.0057

Beam 239: End 1: 4: Carico mobile centrato -0.1705 0.1776 -0.0259 -0.0793 0.0388 0.1190 -0.1469

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 239: End 2: 1: G1 -0.0342 0.0846 -0.0027 -0.0094 0.0040 0.0142 -0.0376

Beam 239: End 2: 2: G2 -0.1076 0.1163 0.0127 -0.0013 0.0190 0.0020 -0.0054

Beam 239: End 2: 3: Vento Q5 -0.0231 0.0234 -0.0006 -0.0008 0.0010 0.0011 -0.0057

Beam 239: End 2: 4: Carico mobile centrato -1.3747 1.3818 -0.0259 -0.0793 0.0388 0.1190 -0.1469

Beam 240: End 1: 1: G1 -0.4918 0.5681 -0.0048 -0.0187 0.0072 0.0280 -0.1265

Beam 240: End 1: 2: G2 -0.1856 0.1983 -0.0136 -0.0025 0.0204 0.0037 -0.0194

Beam 240: End 1: 3: Vento Q5 -0.0101 0.0105 -0.0004 -0.0003 0.0007 0.0004 -0.0040

Beam 240: End 1: 4: Carico mobile centrato -1.3680 1.3742 0.0243 0.0741 0.0365 0.1111 0.1590

Beam 240: End 2: 1: G1 -0.2422 0.3185 -0.0048 -0.0187 0.0072 0.0280 -0.1265

Beam 240: End 2: 2: G2 -0.0481 0.0607 -0.0006 -0.0025 0.0009 0.0037 -0.0194

Beam 240: End 2: 3: Vento Q5 -0.0028 0.0032 -0.0004 -0.0003 0.0007 0.0004 -0.0040

Beam 240: End 2: 4: Carico mobile centrato -0.2399 0.2461 0.0243 0.0741 0.0365 0.1111 0.1590

Beam 241: End 1: 1: G1 -0.2422 0.3185 -0.0048 -0.0187 0.0072 0.0280 -0.1265

Beam 241: End 1: 2: G2 -0.0481 0.0607 -0.0006 -0.0025 0.0009 0.0037 -0.0194

Beam 241: End 1: 3: Vento Q5 -0.0028 0.0032 -0.0004 -0.0003 0.0007 0.0004 -0.0040

Beam 241: End 1: 4: Carico mobile centrato -0.2399 0.2461 0.0243 0.0741 0.0365 0.1111 0.1590

Beam 241: End 2: 1: G1 0.0074 0.0689 -0.0048 -0.0187 0.0072 0.0280 -0.1265

Beam 241: End 2: 2: G2 -0.1222 0.1348 0.0125 -0.0025 0.0187 0.0037 -0.0194

Beam 241: End 2: 3: Vento Q5 -0.0162 0.0166 -0.0004 -0.0003 0.0007 0.0004 -0.0040

Beam 241: End 2: 4: Carico mobile centrato -0.8821 0.8883 0.0243 0.0741 0.0365 0.1111 0.1590

Beam 242: End 1: 1: G1 -0.1023 0.4377 -0.0048 0.0549 0.0072 0.0824 0.1335

Beam 242: End 1: 2: G2 -0.1386 0.1935 -0.0139 0.0073 0.0208 0.0110 0.0205

Beam 242: End 1: 3: Vento Q5 -0.0088 0.0089 -0.0001 -0.0011 0.0001 0.0017 -0.0043

Beam 242: End 1: 4: Carico mobile centrato -0.7035 0.5273 -0.0042 -0.2126 0.0063 0.3190 -0.1506

Beam 242: End 2: 1: G1 -0.1903 0.5257 -0.0048 0.0549 0.0072 0.0824 0.1335

Beam 242: End 2: 2: G2 -0.0596 0.1146 -0.0008 0.0073 0.0012 0.0110 0.0205

Beam 242: End 2: 3: Vento Q5 -0.0031 0.0033 -0.0001 -0.0011 0.0001 0.0017 -0.0043

Beam 242: End 2: 4: Carico mobile centrato -0.4059 0.2298 -0.0042 -0.2126 0.0063 0.3190 -0.1506

Beam 243: End 1: 1: G1 -0.1903 0.5257 -0.0048 0.0549 0.0072 0.0824 0.1335

Beam 243: End 1: 2: G2 -0.0596 0.1146 -0.0008 0.0073 0.0012 0.0110 0.0205

Beam 243: End 1: 3: Vento Q5 -0.0031 0.0033 -0.0001 -0.0011 0.0001 0.0017 -0.0043

Beam 243: End 1: 4: Carico mobile centrato -0.4059 0.2298 -0.0042 -0.2126 0.0063 0.3190 -0.1506

Beam 243: End 2: 1: G1 -0.3511 0.6864 -0.0048 0.0549 0.0072 0.0824 0.1335

Beam 243: End 2: 2: G2 -0.1524 0.2073 0.0122 0.0073 0.0183 0.0110 0.0205

Beam 243: End 2: 3: Vento Q5 -0.0024 0.0025 -0.0001 -0.0011 0.0001 0.0017 -0.0043

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 243: End 2: 4: Carico mobile centrato -1.3392 1.1631 -0.0042 -0.2126 0.0063 0.3190 -0.1506

Beam 244: End 1: 1: G1 -0.0614 0.1282 -0.0001 0.0350 0.0002 0.0526 0.0400

Beam 244: End 1: 2: G2 -0.1227 0.1333 -0.0131 0.0052 0.0196 0.0077 0.0057

Beam 244: End 1: 3: Vento Q5 -0.0152 0.0158 -0.0001 -0.0028 0.0002 0.0042 -0.0061

Beam 244: End 1: 4: Carico mobile centrato -1.2964 1.2237 0.0066 0.2275 0.0099 0.3413 0.1378

Beam 244: End 2: 1: G1 -0.0399 0.1066 -0.0001 0.0350 0.0002 0.0526 0.0400

Beam 244: End 2: 2: G2 -0.0576 0.0681 0.0000 0.0052 0.0000 0.0077 0.0057

Beam 244: End 2: 3: Vento Q5 -0.0018 0.0024 -0.0001 -0.0028 0.0002 0.0042 -0.0061

Beam 244: End 2: 4: Carico mobile centrato -0.2437 0.1710 0.0066 0.2275 0.0099 0.3413 0.1378

Beam 245: End 1: 1: G1 -0.0399 0.1066 -0.0001 0.0350 0.0002 0.0526 0.0400

Beam 245: End 1: 2: G2 -0.0576 0.0681 0.0000 0.0052 0.0000 0.0077 0.0057

Beam 245: End 1: 3: Vento Q5 -0.0018 0.0024 -0.0001 -0.0028 0.0002 0.0042 -0.0061

Beam 245: End 1: 4: Carico mobile centrato -0.2437 0.1710 0.0066 0.2275 0.0099 0.3413 0.1378

Beam 245: End 2: 1: G1 -0.1725 0.2393 -0.0001 0.0350 0.0002 0.0526 0.0400

Beam 245: End 2: 2: G2 -0.1379 0.1484 0.0130 0.0052 0.0195 0.0077 0.0057

Beam 245: End 2: 3: Vento Q5 -0.0110 0.0116 -0.0001 -0.0028 0.0002 0.0042 -0.0061

Beam 245: End 2: 4: Carico mobile centrato -0.8817 0.8090 0.0066 0.2275 0.0099 0.3413 0.1378

Beam 246: End 1: 1: G1 -0.0383 0.0881 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 246: End 1: 2: G2 -0.1185 0.1263 -0.0130 0.0000 0.0196 0.0000 0.0000

Beam 246: End 1: 3: Vento Q5 -0.0149 0.0149 -0.0001 -0.0031 0.0002 0.0047 -0.0066

Beam 246: End 1: 4: Carico mobile centrato -0.3614 0.4799 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 246: End 2: 1: G1 -0.0383 0.0881 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 246: End 2: 2: G2 -0.0579 0.0657 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 246: End 2: 3: Vento Q5 0.0000 0.0000 -0.0001 -0.0031 0.0002 0.0047 -0.0066

Beam 246: End 2: 4: Carico mobile centrato -0.3614 0.4799 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 247: End 1: 1: G1 -0.0383 0.0881 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 247: End 1: 2: G2 -0.0579 0.0657 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 247: End 1: 3: Vento Q5 0.0000 0.0000 -0.0001 -0.0031 0.0002 0.0047 -0.0066

Beam 247: End 1: 4: Carico mobile centrato -0.3614 0.4799 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 247: End 2: 1: G1 -0.0383 0.0881 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 247: End 2: 2: G2 -0.1185 0.1263 0.0130 0.0000 0.0196 0.0000 0.0000

Beam 247: End 2: 3: Vento Q5 -0.0149 0.0149 -0.0001 -0.0031 0.0002 0.0047 -0.0066

Beam 247: End 2: 4: Carico mobile centrato -0.3614 0.4799 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 248: End 1: 1: G1 -0.1725 0.2393 0.0001 -0.0350 0.0002 0.0526 -0.0400

Beam 248: End 1: 2: G2 -0.1379 0.1484 -0.0130 -0.0052 0.0195 0.0077 -0.0057

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 248: End 1: 3: Vento Q5 -0.0116 0.0110 -0.0001 -0.0028 0.0002 0.0042 -0.0061

Beam 248: End 1: 4: Carico mobile centrato -0.8817 0.8090 -0.0066 -0.2275 0.0099 0.3413 -0.1378

Beam 248: End 2: 1: G1 -0.0399 0.1066 0.0001 -0.0350 0.0002 0.0526 -0.0400

Beam 248: End 2: 2: G2 -0.0576 0.0681 0.0000 -0.0052 0.0000 0.0077 -0.0057

Beam 248: End 2: 3: Vento Q5 -0.0024 0.0018 -0.0001 -0.0028 0.0002 0.0042 -0.0061

Beam 248: End 2: 4: Carico mobile centrato -0.2437 0.1710 -0.0066 -0.2275 0.0099 0.3413 -0.1378

Beam 249: End 1: 1: G1 -0.0399 0.1066 0.0001 -0.0350 0.0002 0.0526 -0.0400

Beam 249: End 1: 2: G2 -0.0576 0.0681 0.0000 -0.0052 0.0000 0.0077 -0.0057

Beam 249: End 1: 3: Vento Q5 -0.0024 0.0018 -0.0001 -0.0028 0.0002 0.0042 -0.0061

Beam 249: End 1: 4: Carico mobile centrato -0.2437 0.1710 -0.0066 -0.2275 0.0099 0.3413 -0.1378

Beam 249: End 2: 1: G1 -0.0614 0.1282 0.0001 -0.0350 0.0002 0.0526 -0.0400

Beam 249: End 2: 2: G2 -0.1227 0.1333 0.0131 -0.0052 0.0196 0.0077 -0.0057

Beam 249: End 2: 3: Vento Q5 -0.0158 0.0152 -0.0001 -0.0028 0.0002 0.0042 -0.0061

Beam 249: End 2: 4: Carico mobile centrato -1.2964 1.2237 -0.0066 -0.2275 0.0099 0.3413 -0.1378

Beam 250: End 1: 1: G1 -0.3511 0.6864 0.0048 -0.0549 0.0072 0.0824 -0.1335

Beam 250: End 1: 2: G2 -0.1524 0.2073 -0.0122 -0.0073 0.0183 0.0110 -0.0205

Beam 250: End 1: 3: Vento Q5 -0.0025 0.0024 -0.0001 -0.0011 0.0001 0.0017 -0.0043

Beam 250: End 1: 4: Carico mobile centrato -1.3392 1.1631 0.0042 0.2126 0.0063 0.3190 0.1506

Beam 250: End 2: 1: G1 -0.1903 0.5257 0.0048 -0.0549 0.0072 0.0824 -0.1335

Beam 250: End 2: 2: G2 -0.0596 0.1146 0.0008 -0.0073 0.0012 0.0110 -0.0205

Beam 250: End 2: 3: Vento Q5 -0.0033 0.0031 -0.0001 -0.0011 0.0001 0.0017 -0.0043

Beam 250: End 2: 4: Carico mobile centrato -0.4059 0.2298 0.0042 0.2126 0.0063 0.3190 0.1506

Beam 251: End 1: 1: G1 -0.1903 0.5257 0.0048 -0.0549 0.0072 0.0824 -0.1335

Beam 251: End 1: 2: G2 -0.0596 0.1146 0.0008 -0.0073 0.0012 0.0110 -0.0205

Beam 251: End 1: 3: Vento Q5 -0.0033 0.0031 -0.0001 -0.0011 0.0001 0.0017 -0.0043

Beam 251: End 1: 4: Carico mobile centrato -0.4059 0.2298 0.0042 0.2126 0.0063 0.3190 0.1506

Beam 251: End 2: 1: G1 -0.1023 0.4377 0.0048 -0.0549 0.0072 0.0824 -0.1335

Beam 251: End 2: 2: G2 -0.1386 0.1935 0.0139 -0.0073 0.0208 0.0110 -0.0205

Beam 251: End 2: 3: Vento Q5 -0.0089 0.0088 -0.0001 -0.0011 0.0001 0.0017 -0.0043

Beam 251: End 2: 4: Carico mobile centrato -0.7035 0.5273 0.0042 0.2126 0.0063 0.3190 0.1506

Beam 252: End 1: 1: G1 -0.0613 0.0613 0.0000 0.0245 0.0000 0.0368 0.0000

Beam 252: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 252: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 252: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 252: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 252: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 252: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 252: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 253: End 1: 1: G1 -0.2555 0.2555 -0.0307 0.0000 0.0460 0.0000 0.0000

Beam 253: End 1: 2: G2 -0.0370 0.0370 -0.0044 0.0000 0.0067 0.0000 0.0000

Beam 253: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 253: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 253: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 253: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 253: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 253: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 254: End 1: 1: G1 -2.5426 2.5426 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 254: End 1: 2: G2 -0.5388 0.5388 -0.0217 0.0000 0.0326 0.0000 0.0000

Beam 254: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 254: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 254: End 2: 1: G1 -0.9779 0.9779 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 254: End 2: 2: G2 -0.1418 0.1418 -0.0087 0.0000 0.0130 0.0000 0.0000

Beam 254: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 254: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 255: End 1: 1: G1 -0.2555 0.2555 -0.0307 0.0000 0.0460 0.0000 0.0000

Beam 255: End 1: 2: G2 -0.0370 0.0370 -0.0044 0.0000 0.0067 0.0000 0.0000

Beam 255: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 255: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 255: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 255: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 255: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 255: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 256: End 1: 1: G1 -2.5426 2.5426 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 256: End 1: 2: G2 -0.5388 0.5388 -0.0217 0.0000 0.0326 0.0000 0.0000

Beam 256: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 256: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 256: End 2: 1: G1 -0.9779 0.9779 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 256: End 2: 2: G2 -0.1418 0.1418 -0.0087 0.0000 0.0130 0.0000 0.0000

Beam 256: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 256: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 257: End 1: 1: G1 -0.2555 0.2555 -0.0307 0.0000 0.0460 0.0000 0.0000

Beam 257: End 1: 2: G2 -0.0370 0.0370 -0.0044 0.0000 0.0067 0.0000 0.0000

Beam 257: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 257: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 257: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 257: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 257: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 257: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 258: End 1: 1: G1 -2.5426 2.5426 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 258: End 1: 2: G2 -0.5388 0.5388 -0.0217 0.0000 0.0326 0.0000 0.0000

Beam 258: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 258: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 258: End 2: 1: G1 -0.9779 0.9779 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 258: End 2: 2: G2 -0.1418 0.1418 -0.0087 0.0000 0.0130 0.0000 0.0000

Beam 258: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 258: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 259: End 1: 1: G1 -0.2555 0.2555 -0.0307 0.0000 0.0460 0.0000 0.0000

Beam 259: End 1: 2: G2 -0.0370 0.0370 -0.0044 0.0000 0.0067 0.0000 0.0000

Beam 259: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 259: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 259: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 259: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 259: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 259: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 260: End 1: 1: G1 -2.5426 2.5426 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 260: End 1: 2: G2 -0.5388 0.5388 -0.0217 0.0000 0.0326 0.0000 0.0000

Beam 260: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 260: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 260: End 2: 1: G1 -0.9779 0.9779 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 260: End 2: 2: G2 -0.1418 0.1418 -0.0087 0.0000 0.0130 0.0000 0.0000

Beam 260: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 260: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 261: End 1: 1: G1 -0.2555 0.2555 -0.0307 0.0000 0.0460 0.0000 0.0000

Beam 261: End 1: 2: G2 -0.0370 0.0370 -0.0044 0.0000 0.0067 0.0000 0.0000

Beam 261: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 261: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 261: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 261: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 261: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 261: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 262: End 1: 1: G1 -2.5426 2.5426 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 262: End 1: 2: G2 -0.5388 0.5388 -0.0217 0.0000 0.0326 0.0000 0.0000

Beam 262: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 262: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 262: End 2: 1: G1 -0.9779 0.9779 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 262: End 2: 2: G2 -0.1418 0.1418 -0.0087 0.0000 0.0130 0.0000 0.0000

Beam 262: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 262: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 263: End 1: 1: G1 -0.2555 0.2555 -0.0307 0.0000 0.0460 0.0000 0.0000

Beam 263: End 1: 2: G2 -0.0370 0.0370 -0.0044 0.0000 0.0067 0.0000 0.0000

Beam 263: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 263: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 263: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 263: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 263: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 263: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 264: End 1: 1: G1 -2.5426 2.5426 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 264: End 1: 2: G2 -0.5388 0.5388 -0.0217 0.0000 0.0326 0.0000 0.0000

Beam 264: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 264: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 264: End 2: 1: G1 -0.9779 0.9779 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 264: End 2: 2: G2 -0.1418 0.1418 -0.0087 0.0000 0.0130 0.0000 0.0000

Beam 264: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 264: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 265: End 1: 1: G1 -0.2555 0.2555 -0.0307 0.0000 0.0460 0.0000 0.0000

Beam 265: End 1: 2: G2 -0.0370 0.0370 -0.0044 0.0000 0.0067 0.0000 0.0000

Beam 265: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 265: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 265: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 265: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 265: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 265: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 266: End 1: 1: G1 -2.5426 2.5426 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 266: End 1: 2: G2 -0.5388 0.5388 -0.0217 0.0000 0.0326 0.0000 0.0000

Beam 266: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 266: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 266: End 2: 1: G1 -0.9779 0.9779 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 266: End 2: 2: G2 -0.1418 0.1418 -0.0087 0.0000 0.0130 0.0000 0.0000

Beam 266: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 266: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 267: End 1: 1: G1 -0.2555 0.2555 -0.0307 0.0000 0.0460 0.0000 0.0000

Beam 267: End 1: 2: G2 -0.0370 0.0370 -0.0044 0.0000 0.0067 0.0000 0.0000

Beam 267: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 267: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 267: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 267: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 267: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 267: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 268: End 1: 1: G1 -2.5426 2.5426 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 268: End 1: 2: G2 -0.5388 0.5388 -0.0217 0.0000 0.0326 0.0000 0.0000

Beam 268: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 268: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 268: End 2: 1: G1 -0.9779 0.9779 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 268: End 2: 2: G2 -0.1418 0.1418 -0.0087 0.0000 0.0130 0.0000 0.0000

Beam 268: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 268: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 269: End 1: 1: G1 -0.2555 0.2555 -0.0307 0.0000 0.0460 0.0000 0.0000

Beam 269: End 1: 2: G2 -0.0370 0.0370 -0.0044 0.0000 0.0067 0.0000 0.0000

Beam 269: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 269: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 269: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 269: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 269: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 269: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 270: End 1: 1: G1 -2.5426 2.5426 -0.0600 0.0000 0.0900 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA		<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011

Beam 270: End 1: 2: G2 -0.5388 0.5388 -0.0217 0.0000 0.0326 0.0000 0.0000

Beam 270: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 270: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 270: End 2: 1: G1 -0.9779 0.9779 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 270: End 2: 2: G2 -0.1418 0.1418 -0.0087 0.0000 0.0130 0.0000 0.0000

Beam 270: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 270: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 271: End 1: 1: G1 -0.2555 0.2555 -0.0307 0.0000 0.0460 0.0000 0.0000

Beam 271: End 1: 2: G2 -0.0370 0.0370 -0.0044 0.0000 0.0067 0.0000 0.0000

Beam 271: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 271: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 271: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 271: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 271: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 271: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 272: End 1: 1: G1 -2.5426 2.5426 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 272: End 1: 2: G2 -0.5388 0.5388 -0.0217 0.0000 0.0326 0.0000 0.0000

Beam 272: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 272: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 272: End 2: 1: G1 -0.9779 0.9779 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 272: End 2: 2: G2 -0.1418 0.1418 -0.0087 0.0000 0.0130 0.0000 0.0000

Beam 272: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 272: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 273: End 1: 1: G1 -0.2555 0.2555 -0.0307 0.0000 0.0460 0.0000 0.0000

Beam 273: End 1: 2: G2 -0.0370 0.0370 -0.0044 0.0000 0.0067 0.0000 0.0000

Beam 273: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 273: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 273: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 273: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 273: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 273: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 274: End 1: 1: G1 -2.5426 2.5426 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 274: End 1: 2: G2 -0.5388 0.5388 -0.0217 0.0000 0.0326 0.0000 0.0000

Beam 274: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 274: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 274: End 2: 1: G1 -0.9779 0.9779 -0.0600 0.0000 0.0900 0.0000 0.0000

Beam 274: End 2: 2: G2 -0.1418 0.1418 -0.0087 0.0000 0.0130 0.0000 0.0000

Beam 274: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 274: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 275: End 1: 1: G1 -0.2555 0.2555 -0.0307 0.0000 0.0460 0.0000 0.0000

Beam 275: End 1: 2: G2 -0.0370 0.0370 -0.0044 0.0000 0.0067 0.0000 0.0000

Beam 275: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 275: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 275: End 2: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 275: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 275: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 275: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 2: 1: G1 -0.0613 0.0613 0.0000 -0.0245 0.0000 0.0368 0.0000

Beam 276: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 276: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 2: 1: G1 -0.0613 0.0613 0.0000 -0.0245 0.0000 0.0368 0.0000

Beam 277: End 2: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 277: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 278: End 1: 1: G1 -0.9779 0.9779 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 278: End 1: 2: G2 -0.1418 0.1418 0.0087 0.0000 0.0130 0.0000 0.0000

Beam 278: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 278: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 278: End 2: 1: G1 -2.5426 2.5426 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 278: End 2: 2: G2 -0.5388 0.5388 0.0217 0.0000 0.0326 0.0000 0.0000

Beam 278: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 278: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 279: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 279: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 279: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 279: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 279: End 2: 1: G1 -0.2555 0.2555 0.0307 0.0000 0.0460 0.0000 0.0000

Beam 279: End 2: 2: G2 -0.0370 0.0370 0.0044 0.0000 0.0067 0.0000 0.0000

Beam 279: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 279: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 280: End 1: 1: G1 -0.9779 0.9779 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 280: End 1: 2: G2 -0.1418 0.1418 0.0087 0.0000 0.0130 0.0000 0.0000

Beam 280: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 280: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 280: End 2: 1: G1 -2.5426 2.5426 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 280: End 2: 2: G2 -0.5388 0.5388 0.0217 0.0000 0.0326 0.0000 0.0000

Beam 280: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 280: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 281: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 281: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 281: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 281: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 281: End 2: 1: G1 -0.2555 0.2555 0.0307 0.0000 0.0460 0.0000 0.0000

Beam 281: End 2: 2: G2 -0.0370 0.0370 0.0044 0.0000 0.0067 0.0000 0.0000

Beam 281: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 281: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 282: End 1: 1: G1 -0.9779 0.9779 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 282: End 1: 2: G2 -0.1418 0.1418 0.0087 0.0000 0.0130 0.0000 0.0000

Beam 282: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 282: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 282: End 2: 1: G1 -2.5426 2.5426 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 282: End 2: 2: G2 -0.5388 0.5388 0.0217 0.0000 0.0326 0.0000 0.0000

Beam 282: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 282: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 283: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 283: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 283: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 283: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 283: End 2: 1: G1 -0.2555 0.2555 0.0307 0.0000 0.0460 0.0000 0.0000

Beam 283: End 2: 2: G2 -0.0370 0.0370 0.0044 0.0000 0.0067 0.0000 0.0000

Beam 283: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 283: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 284: End 1: 1: G1 -0.9779 0.9779 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 284: End 1: 2: G2 -0.1418 0.1418 0.0087 0.0000 0.0130 0.0000 0.0000

Beam 284: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 284: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 284: End 2: 1: G1 -2.5426 2.5426 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 284: End 2: 2: G2 -0.5388 0.5388 0.0217 0.0000 0.0326 0.0000 0.0000

Beam 284: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 284: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 285: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 285: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 285: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 285: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 285: End 2: 1: G1 -0.2555 0.2555 0.0307 0.0000 0.0460 0.0000 0.0000

Beam 285: End 2: 2: G2 -0.0370 0.0370 0.0044 0.0000 0.0067 0.0000 0.0000

Beam 285: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 285: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 286: End 1: 1: G1 -0.9779 0.9779 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 286: End 1: 2: G2 -0.1418 0.1418 0.0087 0.0000 0.0130 0.0000 0.0000

Beam 286: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 286: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 286: End 2: 1: G1 -2.5426 2.5426 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 286: End 2: 2: G2 -0.5388 0.5388 0.0217 0.0000 0.0326 0.0000 0.0000

Beam 286: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 286: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 287: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 287: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 287: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 287: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 287: End 2: 1: G1 -0.2555 0.2555 0.0307 0.0000 0.0460 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 287: End 2: 2: G2 -0.0370 0.0370 0.0044 0.0000 0.0067 0.0000 0.0000

Beam 287: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 287: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 288: End 1: 1: G1 -0.9779 0.9779 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 288: End 1: 2: G2 -0.1418 0.1418 0.0087 0.0000 0.0130 0.0000 0.0000

Beam 288: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 288: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 288: End 2: 1: G1 -2.5426 2.5426 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 288: End 2: 2: G2 -0.5388 0.5388 0.0217 0.0000 0.0326 0.0000 0.0000

Beam 288: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 288: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 289: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 289: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 289: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 289: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 289: End 2: 1: G1 -0.2555 0.2555 0.0307 0.0000 0.0460 0.0000 0.0000

Beam 289: End 2: 2: G2 -0.0370 0.0370 0.0044 0.0000 0.0067 0.0000 0.0000

Beam 289: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 289: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 290: End 1: 1: G1 -0.9779 0.9779 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 290: End 1: 2: G2 -0.1418 0.1418 0.0087 0.0000 0.0130 0.0000 0.0000

Beam 290: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 290: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 290: End 2: 1: G1 -2.5426 2.5426 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 290: End 2: 2: G2 -0.5388 0.5388 0.0217 0.0000 0.0326 0.0000 0.0000

Beam 290: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 290: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 291: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 291: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 291: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 291: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 291: End 2: 1: G1 -0.2555 0.2555 0.0307 0.0000 0.0460 0.0000 0.0000

Beam 291: End 2: 2: G2 -0.0370 0.0370 0.0044 0.0000 0.0067 0.0000 0.0000

Beam 291: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 291: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI8300002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 292: End 1: 1: G1 -0.9779 0.9779 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 292: End 1: 2: G2 -0.1418 0.1418 0.0087 0.0000 0.0130 0.0000 0.0000

Beam 292: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 292: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 292: End 2: 1: G1 -2.5426 2.5426 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 292: End 2: 2: G2 -0.5388 0.5388 0.0217 0.0000 0.0326 0.0000 0.0000

Beam 292: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 292: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 293: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 293: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 293: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 293: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 293: End 2: 1: G1 -0.2555 0.2555 0.0307 0.0000 0.0460 0.0000 0.0000

Beam 293: End 2: 2: G2 -0.0370 0.0370 0.0044 0.0000 0.0067 0.0000 0.0000

Beam 293: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 293: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 294: End 1: 1: G1 -0.9779 0.9779 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 294: End 1: 2: G2 -0.1418 0.1418 0.0087 0.0000 0.0130 0.0000 0.0000

Beam 294: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 294: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 294: End 2: 1: G1 -2.5426 2.5426 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 294: End 2: 2: G2 -0.5388 0.5388 0.0217 0.0000 0.0326 0.0000 0.0000

Beam 294: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 294: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 295: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 295: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 295: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 295: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 295: End 2: 1: G1 -0.2555 0.2555 0.0307 0.0000 0.0460 0.0000 0.0000

Beam 295: End 2: 2: G2 -0.0370 0.0370 0.0044 0.0000 0.0067 0.0000 0.0000

Beam 295: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 295: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 296: End 1: 1: G1 -0.9779 0.9779 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 296: End 1: 2: G2 -0.1418 0.1418 0.0087 0.0000 0.0130 0.0000 0.0000

Beam 296: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

		Ponte sullo Stretto di Messina PROGETTO DEFINITIVO		
P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA	<i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0	<i>Rev</i> F0	<i>Data</i> 20/06/2011	

Beam 296: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 296: End 2: 1: G1 -2.5426 2.5426 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 296: End 2: 2: G2 -0.5388 0.5388 0.0217 0.0000 0.0326 0.0000 0.0000

Beam 296: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 296: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 297: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 297: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 297: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 297: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 297: End 2: 1: G1 -0.2555 0.2555 0.0307 0.0000 0.0460 0.0000 0.0000

Beam 297: End 2: 2: G2 -0.0370 0.0370 0.0044 0.0000 0.0067 0.0000 0.0000

Beam 297: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 297: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 298: End 1: 1: G1 -0.9779 0.9779 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 298: End 1: 2: G2 -0.1418 0.1418 0.0087 0.0000 0.0130 0.0000 0.0000

Beam 298: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 298: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 298: End 2: 1: G1 -2.5426 2.5426 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 298: End 2: 2: G2 -0.5388 0.5388 0.0217 0.0000 0.0326 0.0000 0.0000

Beam 298: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 298: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 299: End 1: 1: G1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 299: End 1: 2: G2 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 299: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 299: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 299: End 2: 1: G1 -0.2555 0.2555 0.0307 0.0000 0.0460 0.0000 0.0000

Beam 299: End 2: 2: G2 -0.0370 0.0370 0.0044 0.0000 0.0067 0.0000 0.0000

Beam 299: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 299: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 300: End 1: 1: G1 -0.9779 0.9779 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 300: End 1: 2: G2 -0.1418 0.1418 0.0087 0.0000 0.0130 0.0000 0.0000

Beam 300: End 1: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 300: End 1: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 300: End 2: 1: G1 -2.5426 2.5426 0.0600 0.0000 0.0900 0.0000 0.0000

Beam 300: End 2: 2: G2 -0.5388 0.5388 0.0217 0.0000 0.0326 0.0000 0.0000

		<p align="center">Ponte sullo Stretto di Messina PROGETTO DEFINITIVO</p>		
<p align="center">P-SN1 - SOVRAPPASSI – ALLEGATI ALLA RELAZIONE DI CALCOLO TIPOLOGICA</p>	<p><i>Codice documento</i> CG0000PCLDPCZC2NI83000002F0</p>	<p><i>Rev</i> F0</p>	<p><i>Data</i> 20/06/2011</p>	

Beam 300: End 2: 3: Vento Q5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000

Beam 300: End 2: 4: Carico mobile centrato 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000