



## FOLIGNANO (AP)

### REALIZZAZIONE DI MODULI SCOLASTICI PER LA SCUOLA INFANZIA DI PIANE DI MORRO DA REALIZZARE IN FOLIGNANO CAPOLUOGO

**PROGETTISTI:**



STUDIO TECNICO GRUPPO MARCHE  
Contrada Potenza, 11 62100 Macerata  
P.Iva 00141310433  
Tel. +39 0733 492522  
azienda certificata ISO 9001:2015 - ISO 14001:2015

**COLLABORATORI  
PROGETTO ARCHITETTONICO:**

Arch. Elisa Scalabroni  
Ing. Jessica Ianni  
Arch. Marco Marozzi

## Progetto Esecutivo

## Elaborati generali RELAZIONE SULLE FONDAZIONI

Repertorio/Posizione 2799/01

Data Settembre 2019

Verificato da AC

# E-GF-3

### Scala

N.	Descrizione	Data
0	Prima Emissione	Set 2019
1		
2		
3		
4		





Comune di Folignano

REALIZZAZIONE DI MODULI SCOLASTICI PER LA SCUOLA INFANZIA DI PIANE DI  
MORRO DA REALIZZARE IN FOLIGNANO CAPOLUOGO

**Progetto Esecutivo**

RELAZIONE SULLE FONDAZIONI

## RELAZIONE SULLE FONDAZIONI

**INDICE**

<b>1. NORMATIVA DI RIFERIMENTO .....</b>	<b>4</b>
<b>2. DATI DI INPUT DEL MODELLO STRUTTURALE .....</b>	<b>6</b>
2.1. Pali o gruppi di pali di fondazione .....	6
2.1.1. Sezioni Impiegate .....	7
2.1.2. Caratteristiche inerziali delle sezioni .....	7
2.2. Elementi sotto .....	8
2.2.1. Caratteristiche dei Materiali .....	8
2.2.2. Sezioni Impiegate .....	8
2.2.3. Sezioni con riduzione della rigidità flessionale-tagliante .....	8
2.3. Elementi triangolari .....	9
2.3.1. Caratteristiche dei Materiali .....	9
2.3.2. Sezioni Impiegate .....	9
2.4. Condizioni e combinazioni di carico .....	58
2.4.1. Condizioni di carico definite .....	58
2.4.2. Combinazioni agli Stati Limite Ultimi .....	59
2.4.3. Combinazioni agli Stati Limite di Salvaguardia della Vita .....	59
2.4.4. Combinazioni RARE Stati Limite di Esercizio .....	60
2.4.5. Combinazioni FREQUENTI Stati Limite di Esercizio .....	60
2.4.6. Combinazioni QUASI PERMANENTI Stati Limite di Esercizio .....	61
2.4.7. Combinazioni agli Stati Limite di Danno .....	61
2.4.8. Combinazioni agli Stati Limite di Operatività .....	61
2.5. Carichi applicati agli elementi .....	63
2.5.1. Carichi distribuiti .....	63
<b>3. DATI DI OUTPUT DEL MODELLO STRUTTURALE .....</b>	<b>191</b>
3.1. Pali o gruppi di pali di fondazione .....	191
3.2. Involuppo reazioni pali .....	229
3.2.1. Stato Limite Ultimo (SLU) .....	229
3.2.2. Stato Limite di Salvaguardia della Vita (SLV) .....	235
3.2.3. Stato Limite di Esercizio – Combinazioni RARE .....	245
3.2.4. Stato Limite di Esercizio – Combinazioni FREQUENTI .....	251
3.2.5. Stato Limite di Esercizio – Combinazione QUASI PERMANENTE .....	257
3.2.6. Stato Limite di Danno .....	258
3.2.7. Stato Limite di Operatività .....	268
<b>4. VERIFICHE DELLE PLATEE .....</b>	<b>278</b>
4.1. Modalità di verifica .....	278
4.2. Platea edificio $s = 30$ cm .....	281
4.2.2. Impostazioni di verifica .....	282
4.2.3. Elementi più sollecitati per tipologia di sezione .....	283
4.3. Platea impianti $s = 20$ cm .....	296
4.3.2. Impostazioni di verifica .....	297
4.3.3. Elementi più sollecitati per tipologia di sezione .....	297
4.4. Platea esterna $s = 20$ cm .....	306
4.4.2. Impostazioni di verifica .....	307
4.4.3. Elementi più sollecitati per tipologia di sezione .....	307
4.5. Platea rampa di accesso $s = 20$ cm .....	314
4.5.2. Impostazioni di verifica .....	314
4.5.3. Elementi più sollecitati per tipologia di sezione .....	315
<b>5. VERIFICA DEI PLINTI DI FONDAZIONE .....</b>	<b>322</b>

## RELAZIONE SULLE FONDAZIONI

<b>6. VERIFICHE PALI.....</b>	<b>323</b>
6.1. Modalità di verifica.....	323
6.1.1. Dati Generali .....	324
6.1.2. Dati per il calcolo della rigidezza assiale: .....	324
6.1.3. Dati per il calcolo della rigidezza flessionale: .....	324
6.1.4. Geometria palificata: .....	325
6.1.5. Azioni di verifica: .....	325
6.1.6. Spostamenti globali palificata: .....	345
6.1.7. Armature pali .....	366
6.1.8. Verifiche a taglio .....	369
<b>7. VERIFICHE SETTI IN C.A. ....</b>	<b>370</b>
7.1. Modalità di verifica.....	370
7.1.1. Sezioni Impiegate.....	370
7.1.2. Impostazioni di verifica delle sezioni delle pareti .....	370
7.1.3. Verifiche Setti .....	370

## 1. NORMATIVA DI RIFERIMENTO

**Legge 5 novembre 1971 N. 1086** - Norme per la disciplina delle opere in conglomerato cementizio armato normale e precompresso ed a struttura metallica.

Circolare Ministero dei lavori Pubblici 14 Febbraio 1974, N.11951 - "Applicazione delle norme sul cemento armato".

**Circolare Ministero dei lavori Pubblici 25 Gennaio 1975, N.13229** - "L'impiego di materiali con elevate caratteristiche di resistenza per cemento armato normale e precompresso.

**D.M. 11.03.1988** - "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione ed il collaudo delle opere di sostegno delle terre e delle opere di fondazione"

**Circolare MIN. LL. PP. n°30483 del 24.09.1988** - "Istruzioni riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione ed il collaudo delle opere di sostegno delle terre e delle opere di fondazione.

**C.N.R. - UNI 10011-97** - "Costruzioni di acciaio: Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione".

**CNR 10011** - "Costruzioni di acciaio - Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione - Novembre 1997"

**Istruzioni CNR 10025/98** - "Istruzioni per il progetto, l'esecuzione ed il controllo delle strutture prefabbricate in calcestruzzo"

**Norma CNR 10016-2000** - "Strutture composte da acciaio e calcestruzzo istruzioni per l'impiego nelle costruzioni".

**D.M. 18.09.2002 - GU nr.227 DEL 27.09.2002** - "Approvazione della regola tecnica di prevenzione incendi per la progettazione, la costruzione e l'esercizio delle strutture sanitarie pubbliche e private.

**UNI 11104:2004 Calcestruzzo** - "Specificazione, prestazione, produzione e conformità - Istruzioni complementari per l'applicazione della EN 206-1"

**CNR - DT 206/2007** - "Istruzioni per la progettazione, l'esecuzione ed il controllo delle strutture in legno"

**D.M. 16.02.2007** - "Classificazione di resistenza al fuoco di prodotti ed elementi costruttivi di opere da costruzione"

**DM 09.03.2007** - "Prestazioni di resistenza al fuoco delle costruzioni nelle attività soggette al controllo del Corpo Nazionale dei Vigili del Fuoco"

**UNI 9502** - Procedimento analitico per valutare la resistenza al fuoco degli elementi strutturali in conglomerato cementizio armato, normale e precompresso.

**UNI 9503** - Procedimento analitico per valutare la resistenza al fuoco degli elementi strutturali in acciaio.

**UNI EN 15129:2009** "Dispositivi antisismici"

**UNI EN 338** - "Legno strutturale classi di resistenza"

**UNI EN 1194** - "Strutture in legno - Legno lamellare incollato - Classi di resistenza e determinazione dei valori caratteristici

**UNI EN 14080** - Strutture in legno - Legno lamellare incollato e legno massiccio incollato - Requisiti

**CNR-DT 210/2012** - "Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Costruzioni con Elementi Strutturali di Vetro"

**EUROCODE 2** - "Design of concrete structures"

**EUROCODE 3** - "Design of steel structures"

**EUROCODE 5** - "Design of timber structures"

**EUROCODE 8** - "Design of structures for earthquake resistance"

**D.M. 16.02.2007** - "Classificazione di resistenza al fuoco di prodotti ed elementi costruttivi di opere da costruzione"

**NORME TECNICHE PER LE COSTRUZIONI – D.M. del 17 Gennaio 2018 (NTC2018)** - “Approvazione delle nuove norme tecniche per le costruzioni”

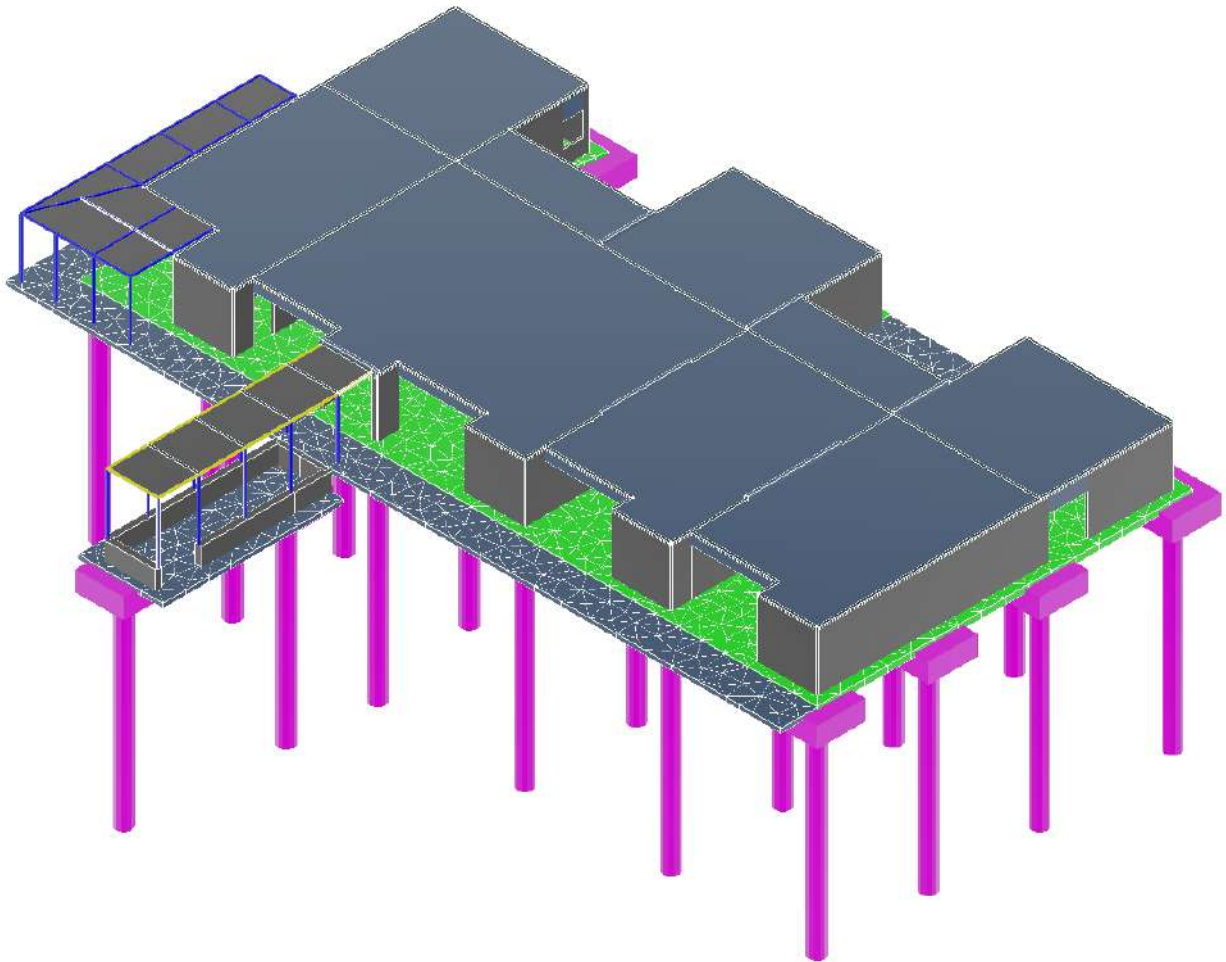
**Circolare del 2 Febbraio 2009 n° 617/C.S.LL.PP** – “Istruzioni per l’applicazione delle “Norme tecniche per le costruzioni” di cui al D.M. 14 gennaio 2008”

La progettazione è stata svolta secondo i principi e le indicazioni riportate in:

**D.M. 22.12.2000 e s.m.i.** - “Raccomandazioni per il miglioramento della sicurezza sismica e della funzionalità degli ospedali” redatte dal Ministero della Salute

**Rapporti “ATC (Applied Technology Council)”** sviluppati in collaborazione con il servizio sismico nazionale.

## 2. DATI DI INPUT DEL MODELLO STRUTTURALE



### 2.1. Pali o gruppi di pali di fondazione

- **Convenzioni adottate**

Il *palo* o il *gruppo di pali* di fondazione vengono schematizzati nel codice di calcolo assimilandoli ad un elemento *boundary*, agente nel nodo definito dall'operatore, ed in grado di reagire lungo le sei componenti di spostamento possibili per il nodo.

La matrice di rigidezza dell'elemento *palo* o *gruppo di pali* risulta pertanto essere così composta:

	$U_x$	$U_y$	$U_z$	$R_x$	$R_y$	$R_z$
$U_x$	$K_{UxUx}$	$K_{UxUy}$	$K_{UxUz}$	$K_{UxRx}$	$K_{UxRy}$	$K_{UxRz}$
$U_y$		$K_{UyUy}$	$K_{UyUz}$	$K_{UyRx}$	$K_{UyRy}$	$K_{UyRz}$
$U_z$			$K_{UzUz}$	$K_{UzRx}$	$K_{UzRy}$	$K_{UzRz}$
$R_x$				$K_{RxRx}$	$K_{RxRy}$	$K_{RxRz}$
$R_y$		sim.			$K_{RyRy}$	$K_{RyRz}$
$R_z$						$K_{RzRz}$

Tale matrice può essere definita direttamente dall'operatore ovvero calcolata con l'ausilio del programma *Pali*. In ogni caso il codice di calcolo si limita ad assemblare la matrice, assumendo che la stessa sia già definita nel sistema di riferimento globale, ed a ottenere le sei componenti di sollecitazioni ad essa associate.

La matrice è riferita ad una terna di riferimento destrorsa.

## RELAZIONE SULLE FONDAZIONI

## 2.1.1. Sezioni Impiegate

Sezione	Materiale	Tipo di Sezione	Parametri Dimensionali Commenti
1		T:\lavori\2799_Folignano_ScuolaMaterna\PROGETTO ESECUTIVO\Bozze Strutture\Enexsys\Modello con fondazione\Palo_80_10m.wpa	

## 2.1.2. Caratteristiche inerziali delle sezioni

Sezione	Tipo	Ktx [kg/m]	Kty [kg/m]	Ktz [kg/m]	Krx [kgm]	Kmy [kgm]	Kmz [kgm]
1	T:\lavori\2799_Folignano_ScuolaMaterna\PROGETTO ESECUTIVO\Bozze Strutture\Enexsys\Modello con fondazione\Palo_80_10m.wpa						
		6.8e+06	0.0e+00	-5.7e-09	0.0e+00	-1.8e+07	0.0e+00
		0.0e+00	6.8e+06	0.0e+00	1.8e+07	0.0e+00	6.8e-10
		-5.7e-09	0.0e+00	1.0e+08	0.0e+00	5.1e-09	0.0e+00
		0.0e+00	1.8e+07	0.0e+00	6.5e+07	0.0e+00	2.6e-09
		-1.8e+07	0.0e+00	5.1e-09	0.0e+00	6.5e+07	0.0e+00
		0.0e+00	6.8e-10	0.0e+00	2.6e-09	0.0e+00	5.4e+06

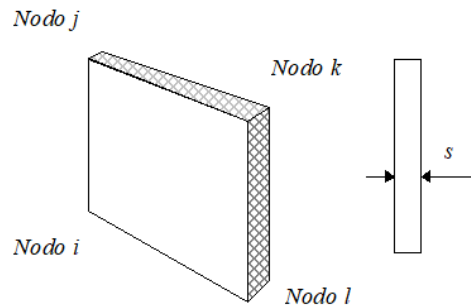
Nodo	Sezione
236	1
240	1
242	1
244	1
246	1
247	1
584	1
585	1
586	1
587	1
588	1
589	1
891	1
924	1
928	1
932	1
935	1
938	1
1262	1
1279	1
1313	1
1314	1
1315	1
1320	1
1607	1
1647	1

## RELAZIONE SULLE FONDAZIONI

### 2.2. Elementi setto

#### Convenzioni adottate

L'elemento setto viene identificato mediante i quattro nodi (i, j, k, l) di bordo.



Numerazione dei nodi cui fa capo l'elemento

#### 2.2.1. Caratteristiche dei Materiali

Tipo	Modulo Elastico [kg/cm <sup>2</sup> ]	$\nu$	alfa [1/°C]	Peso Specifico [kg/m <sup>3</sup> ]	Commento
1	300000.0	0.120	0.000012	2500.0	Calcestruzzo

#### 2.2.2. Sezioni Impiegate

Sezione	Materiale	Tipo di Sezione	Parametri Dimensionali Commenti
3	1	Muro	s= 30 [cm] Muro s=30 cm

#### 2.2.3. Sezioni con riduzione della rigidità flessionale-tagliante

Sezione	Fattore di Efficacia
3 Muro Muro s=30 cm	50

Nodo i	Nodo j	Nodo k	Nodo l	Materiale	Sezione
1579	1564	1570	5	1	3
6	1571	1570	5	1	3
1574	1568	1584	1582	1	3
1575	1567	1568	1574	1	3
1576	1565	1567	1575	1	3
1577	1569	1566	1578	1	3
1581	1583	1569	1577	1	3
1578	1566	1564	1579	1	3
1585	1586	1583	1581	1	3
1582	1584	1586	1585	1	3

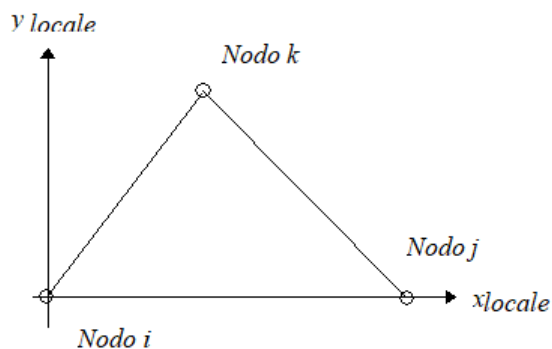
## RELAZIONE SULLE FONDAZIONI

### 2.3. Elementi triangolari

#### Convenzioni adottate

L'elemento triangolare è individuato tramite il numero dei nodi di vertice dello stesso.

Gli assi del sistema di riferimento locale risultano così disposti:



- L'asse  $x_{locale}$  ha direzione parallela alla retta congiungente i nodi i e j, è passante per i medesimi nodi ed ha verso positivo da i a j.
- L'asse  $y_{locale}$  è ortogonale all'asse  $x_{locale}$ , passa per il nodo i ed ha verso positivo dalla parte del nodo k.
- L'asse  $z_{locale}$  è ottenuto per prodotto vettoriale fra  $x_{locale}$  e  $y_{locale}$ .

#### 2.3.1. Caratteristiche dei Materiali

Tipo	Modulo Elastico [kg/cm <sup>2</sup> ]	$\nu$	alfa [1/°C]	Peso Specifico [kg/m <sup>3</sup> ]	Commento
1	300000.0	0.120	0.000012	2500.0	Calcestruzzo

#### 2.3.2. Sezioni Impiegate

Sezione	Materiale	Tipo di Sezione	Parametri Dimensionali Commenti
1	1	Mesh isotropa	s= 30 [cm] 30 cm
2	1	Mesh isotropa	s= 20 [cm] 20 cm

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
112	74	73	1	2
138	112	73	1	2
112	138	162	1	2
112	162	173	1	2
91	130	92	1	2
106	143	96	1	2
99	142	101	1	2
78	137	116	1	2
138	73	72	1	2
114	137	78	1	2
139	80	127	1	2
139	81	80	1	2
125	102	142	1	2
142	102	101	1	2
143	132	96	1	2
138	72	111	1	2

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
86	85	115	1	2
144	115	85	1	2
141	85	121	1	2
85	141	144	1	2
83	126	84	1	2
140	126	83	1	2
124	121	141	1	2
90	89	134	1	2
82	81	136	1	2
136	81	139	1	2
77	76	133	1	2
77	133	114	1	2
97	96	132	1	2
84	126	135	1	2
120	135	129	1	2
83	82	131	1	2
140	83	131	1	2
79	127	80	1	2
102	125	103	1	2
97	128	98	1	2
122	94	93	1	2
123	74	112	1	2
74	123	75	1	2
131	82	136	1	2
95	94	119	1	2
88	87	118	1	2
93	92	105	1	2
96	95	106	1	2
99	98	107	1	2
111	72	71	1	2
109	91	90	1	2
114	78	77	1	2
87	86	110	1	2
113	76	75	1	2
89	88	108	1	2
79	78	116	1	2
89	155	134	1	2
128	151	98	1	2
95	149	106	1	2
119	149	95	1	2
98	151	107	1	2
128	97	156	1	2
153	108	88	1	2
153	155	108	1	2
132	156	97	1	2
109	146	91	1	2
91	146	154	1	2
91	154	130	1	2
86	115	152	1	2
153	88	118	1	2
155	89	108	1	2
148	79	116	1	2
79	148	127	1	2
103	125	147	1	2

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
130	150	92	1	2
92	150	105	1	2
143	106	149	1	2
90	145	109	1	2
109	145	146	1	2
134	145	90	1	2
152	110	86	1	2
140	157	126	1	2
126	157	135	1	2
158	107	151	1	2
158	99	107	1	2
110	159	87	1	2
118	87	159	1	2
142	99	158	1	2
161	76	113	1	2
105	160	93	1	2
160	122	93	1	2
105	150	160	1	2
133	76	161	1	2
190	173	162	1	2
172	144	141	1	2
144	166	115	1	2
167	161	113	1	2
164	159	110	1	2
190	191	173	1	2
247	190	191	1	1
285	190	247	1	1
204	144	172	1	2
144	204	205	1	2
241	208	209	1	1
204	205	240	1	1
203	204	239	1	1
239	204	240	1	1
150	214	160	1	2
214	215	160	1	2
214	150	187	1	2
215	170	160	1	2
149	119	168	1	2
168	119	170	1	2
215	216	170	1	2
168	170	216	1	2
216	217	168	1	2
145	184	211	1	2
211	179	145	1	2
211	212	179	1	2
146	212	154	1	2
213	154	212	1	2
130	154	213	1	2
187	130	213	1	2
169	135	157	1	2
124	163	175	1	2
137	114	171	1	2
133	171	114	1	2
94	122	170	1	2

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
160	170	122	1	2
119	94	170	1	2
112	173	123	1	2
176	125	142	1	2
147	125	176	1	2
111	71	174	1	2
138	111	174	1	2
135	169	129	1	2
124	172	141	1	2
124	175	172	1	2
163	129	169	1	2
118	159	165	1	2
167	113	75	1	2
118	165	153	1	2
152	115	166	1	2
110	152	164	1	2
123	167	75	1	2
173	167	123	1	2
131	136	177	1	2
163	117	129	1	2
124	117	163	1	2
116	137	180	1	2
146	145	179	1	2
116	180	148	1	2
178	136	139	1	2
181	143	149	1	2
213	214	187	1	2
212	146	179	1	2
217	149	168	1	2
149	217	181	1	2
217	218	181	1	2
206	164	152	1	2
207	164	206	1	2
159	164	207	1	2
208	159	207	1	2
166	144	205	1	2
166	205	206	1	2
166	206	152	1	2
165	159	208	1	2
209	165	208	1	2
165	209	153	1	2
209	155	153	1	2
209	210	155	1	2
184	134	210	1	2
184	210	211	1	2
155	210	134	1	2
203	172	175	1	2
203	204	172	1	2
199	140	185	1	2
169	157	201	1	2
157	140	199	1	2
199	201	157	1	2
163	169	201	1	2
163	201	202	1	2

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
175	163	202	1	2
175	202	203	1	2
185	131	177	1	2
177	198	185	1	2
143	183	132	1	2
145	134	184	1	2
198	199	185	1	2
186	176	142	1	2
187	150	130	1	2
128	188	151	1	2
138	189	162	1	2
162	189	190	1	2
174	189	138	1	2
167	192	161	1	2
173	191	167	1	2
191	192	167	1	2
171	133	193	1	2
194	171	193	1	2
193	161	192	1	2
133	161	193	1	2
137	171	194	1	2
194	180	137	1	2
194	195	180	1	2
148	182	127	1	2
195	182	148	1	2
139	127	182	1	2
195	196	182	1	2
148	180	195	1	2
139	182	196	1	2
178	139	196	1	2
196	197	178	1	2
197	136	178	1	2
197	177	136	1	2
197	198	177	1	2
131	185	140	1	2
244	217	218	1	1
242	211	230	1	1
216	217	226	1	1
244	226	217	1	1
231	221	245	1	1
189	174	225	1	2
189	225	249	1	2
251	189	249	1	2
199	234	248	1	1
183	143	218	1	2
183	218	219	1	2
218	143	181	1	2
132	219	156	1	2
220	156	219	1	2
132	183	219	1	2
128	220	188	1	2
220	221	188	1	2
220	128	156	1	2
245	221	222	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
243	253	214	1	1
219	220	254	1	1
189	251	190	1	2
142	158	222	1	2
186	142	222	1	2
222	223	186	1	2
176	186	223	1	2
176	223	224	1	2
221	151	188	1	2
221	158	151	1	2
221	222	158	1	2
224	246	223	1	1
206	207	227	1	1
218	219	233	1	1
221	231	220	1	1
194	195	232	1	1
232	235	194	1	1
211	212	230	1	1
224	147	176	1	2
212	213	228	1	1
193	194	235	1	1
236	196	197	1	1
195	196	229	1	1
236	229	196	1	1
201	234	199	1	1
191	267	247	1	1
267	191	192	1	1
267	192	259	1	1
213	268	228	1	1
214	250	213	1	1
268	213	250	1	1
258	249	225	1	2
245	222	256	1	1
223	256	222	1	1
223	261	256	1	1
243	214	215	1	1
262	243	215	1	1
258	225	174	1	2
260	207	208	1	1
262	215	216	1	1
264	193	235	1	1
192	193	259	1	1
264	259	193	1	1
260	227	207	1	1
232	195	265	1	1
205	206	263	1	1
195	229	265	1	1
261	223	246	1	1
214	253	250	1	1
197	198	255	1	1
198	199	248	1	1
198	248	255	1	1
242	210	211	1	1
210	252	209	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
234	201	237	1	1
237	201	238	1	1
238	201	202	1	1
238	202	257	1	1
266	257	202	1	1
202	203	266	1	1
266	203	239	1	1
278	228	268	1	1
220	280	254	1	1
273	265	229	1	1
236	273	229	1	1
197	272	236	1	1
262	216	269	1	1
270	227	260	1	1
226	244	269	1	1
216	226	269	1	1
263	206	270	1	1
270	206	227	1	1
271	218	233	1	1
257	274	238	1	1
274	234	237	1	1
237	238	274	1	1
255	272	197	1	1
282	235	232	1	1
265	282	232	1	1
239	281	266	1	1
245	280	231	1	1
231	280	220	1	1
281	240	205	1	1
239	240	281	1	1
241	275	208	1	1
260	208	275	1	1
209	276	241	1	1
276	209	252	1	1
242	277	210	1	1
242	230	278	1	1
210	277	252	1	1
230	212	278	1	1
218	279	244	1	1
279	218	271	1	1
278	212	228	1	1
274	283	234	1	1
284	233	219	1	1
233	284	271	1	1
254	284	219	1	1
285	190	251	1	2
251	289	285	1	2
234	283	248	1	1
285	289	326	1	2
338	326	289	1	2
268	319	278	1	1
315	285	247	1	1
310	318	270	1	1
263	270	318	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
319	268	322	1	1
309	280	245	1	1
313	254	280	1	1
280	317	313	1	1
309	317	280	1	1
318	290	263	1	1
247	267	315	1	1
316	291	269	1	1
264	311	259	1	1
264	314	311	1	1
235	282	314	1	1
313	284	254	1	1
264	235	314	1	1
265	273	312	1	1
282	265	312	1	1
282	312	314	1	1
245	292	309	1	1
299	260	275	1	1
260	299	310	1	1
270	260	310	1	1
244	308	269	1	1
316	269	308	1	1
294	243	262	1	1
243	294	307	1	1
306	277	242	1	1
308	244	279	1	1
307	253	243	1	1
278	306	242	1	1
253	288	250	1	1
253	307	288	1	1
241	276	305	1	1
305	275	241	1	1
305	299	275	1	1
302	273	236	1	1
258	297	249	1	2
249	289	251	1	2
289	249	297	1	2
256	292	245	1	1
256	298	292	1	1
256	261	298	1	1
269	291	262	1	1
291	294	262	1	1
257	301	274	1	1
274	301	303	1	1
266	301	257	1	1
205	290	281	1	1
281	290	304	1	1
246	224	286	1	1
205	263	290	1	1
248	283	296	1	1
255	295	272	1	1
255	248	287	1	1
296	287	248	1	1
287	295	255	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
274	303	283	1	1
236	272	302	1	1
281	293	266	1	1
293	281	304	1	1
338	289	297	1	2
324	285	315	1	1
325	298	261	1	1
246	325	261	1	1
325	246	286	1	1
301	266	331	1	1
293	331	266	1	1
304	331	293	1	1
290	334	304	1	1
334	290	318	1	1
302	272	327	1	1
272	295	327	1	1
295	332	327	1	1
295	287	332	1	1
330	279	271	1	1
333	330	271	1	1
329	288	307	1	1
333	271	284	1	1
332	287	296	1	1
335	277	306	1	1
335	323	277	1	1
332	296	336	1	1
321	315	267	1	1
259	321	267	1	1
311	321	259	1	1
250	322	268	1	1
250	288	322	1	1
283	303	320	1	1
323	276	252	1	1
323	252	277	1	1
294	291	328	1	1
283	320	296	1	1
279	330	308	1	1
296	320	336	1	1
305	276	337	1	1
337	276	323	1	1
333	284	339	1	1
339	284	313	1	1
340	292	298	1	1
292	340	369	1	1
364	340	298	1	1
385	369	340	1	1
278	319	342	1	1
278	342	306	1	1
297	258	344	1	2
344	338	297	1	2
347	312	273	1	1
299	305	345	1	1
273	302	343	1	1
273	343	347	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
341	307	294	1	1
294	328	341	1	1
341	329	307	1	1
318	310	348	1	1
301	331	346	1	1
314	352	311	1	1
351	321	311	1	1
352	351	311	1	1
316	350	291	1	1
291	350	328	1	1
313	317	349	1	1
418	369	385	1	1
360	369	418	1	1
334	318	370	1	1
348	310	355	1	1
354	335	306	1	1
354	306	342	1	1
288	353	322	1	1
353	288	329	1	1
299	345	355	1	1
355	310	299	1	1
308	358	316	1	1
356	324	315	1	1
346	357	301	1	1
357	303	301	1	1
350	316	358	1	1
356	315	321	1	1
359	314	312	1	1
312	347	359	1	1
286	362	325	1	1
361	326	338	1	2
361	285	326	1	2
361	285	324	1	1
349	317	360	1	1
363	320	303	1	1
320	363	336	1	1
303	357	363	1	1
360	317	309	1	1
298	325	364	1	1
356	321	365	1	1
313	349	366	1	1
366	339	313	1	1
321	351	365	1	1
417	378	407	1	1
366	349	399	1	1
407	339	366	1	1
414	407	366	1	1
399	414	366	1	1
343	302	368	1	1
292	369	309	1	1
332	336	367	1	1
309	369	360	1	1
327	368	302	1	1
370	318	348	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
391	377	416	1	1
334	370	396	1	1
415	396	370	1	1
372	378	417	1	1
413	359	347	1	1
413	411	359	1	1
388	413	347	1	1
322	379	319	1	1
377	371	416	1	1
383	324	356	1	1
356	404	383	1	1
338	401	361	1	2
370	348	412	1	1
415	370	412	1	1
395	342	319	1	1
395	319	379	1	1
342	395	382	1	1
360	399	349	1	1
401	338	386	1	2
339	407	378	1	1
365	351	398	1	1
404	365	398	1	1
356	365	404	1	1
359	411	384	1	1
334	373	304	1	1
308	372	358	1	1
333	372	330	1	1
304	373	331	1	1
331	373	374	1	1
372	308	330	1	1
350	371	328	1	1
371	341	328	1	1
373	409	374	1	1
410	374	409	1	1
346	374	410	1	1
363	403	336	1	1
334	396	373	1	1
396	409	373	1	1
345	405	355	1	1
412	348	355	1	1
389	354	406	1	1
382	406	354	1	1
355	405	397	1	1
397	412	355	1	1
332	367	376	1	1
376	367	408	1	1
367	336	403	1	1
345	305	380	1	1
405	345	380	1	1
358	372	402	1	1
394	323	335	1	1
394	337	323	1	1
335	389	394	1	1
305	337	380	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
337	381	380	1	1
337	394	381	1	1
322	353	379	1	1
393	379	353	1	1
391	393	353	1	1
358	392	350	1	1
392	358	402	1	1
335	354	389	1	1
324	383	361	1	1
383	387	361	1	1
333	378	372	1	1
327	332	376	1	1
375	368	327	1	1
327	376	375	1	1
329	341	377	1	1
339	378	333	1	1
342	382	354	1	1
388	343	368	1	1
384	352	314	1	1
314	359	384	1	1
325	390	364	1	1
390	325	362	1	1
364	385	340	1	1
343	388	347	1	1
331	374	346	1	1
377	391	329	1	1
329	391	353	1	1
338	344	386	1	2
341	371	377	1	1
371	350	392	1	1
360	418	427	1	1
466	427	418	1	1
445	418	385	1	1
466	418	487	1	1
390	419	364	1	1
364	419	385	1	1
386	344	421	1	2
352	384	422	1	1
351	352	422	1	1
422	398	351	1	1
383	404	424	1	1
363	423	403	1	1
423	363	357	1	1
346	420	357	1	1
423	357	420	1	1
425	380	381	1	1
405	380	425	1	1
387	383	424	1	1
426	395	379	1	1
393	426	379	1	1
426	393	428	1	1
473	428	478	1	1
430	408	367	1	1
346	410	431	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
375	434	368	1	1
430	367	403	1	1
429	402	372	1	1
402	429	432	1	1
346	431	420	1	1
419	390	433	1	1
434	375	439	1	1
434	388	368	1	1
391	428	393	1	1
360	427	399	1	1
429	372	417	1	1
392	402	432	1	1
408	439	376	1	1
424	435	387	1	1
435	361	401	1	2
437	435	401	1	2
387	435	361	1	1
386	421	437	1	2
386	437	401	1	2
436	390	362	1	1
436	433	390	1	1
438	409	396	1	1
376	439	375	1	1
441	422	384	1	1
381	394	440	1	1
411	441	384	1	1
432	446	392	1	1
484	454	447	1	1
446	432	481	1	1
411	456	441	1	1
456	483	441	1	1
432	429	480	1	1
480	481	432	1	1
449	444	479	1	1
425	477	460	1	1
477	425	461	1	1
418	445	487	1	1
388	434	443	1	1
388	443	413	1	1
442	416	371	1	1
442	371	392	1	1
487	445	472	1	1
434	467	486	1	1
486	443	434	1	1
428	391	448	1	1
478	428	448	1	1
395	444	382	1	1
382	444	406	1	1
445	385	419	1	1
399	447	414	1	1
447	399	427	1	1
392	446	442	1	1
391	416	448	1	1
442	448	416	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
448	485	478	1	1
443	482	456	1	1
486	482	443	1	1
438	453	488	1	1
490	438	488	1	1
394	449	440	1	1
449	489	440	1	1
461	440	489	1	1
490	457	438	1	1
491	442	446	1	1
406	444	449	1	1
389	449	394	1	1
406	449	389	1	1
450	429	417	1	1
452	450	417	1	1
492	450	452	1	1
451	412	397	1	1
407	452	417	1	1
454	452	407	1	1
451	397	405	1	1
452	499	492	1	1
494	502	435	1	1
435	469	502	1	2
447	454	414	1	1
499	454	484	1	1
454	499	452	1	1
466	447	427	1	1
501	466	487	1	1
503	470	433	1	1
503	433	436	1	1
447	501	484	1	1
501	447	466	1	1
451	460	504	1	1
442	485	448	1	1
504	475	451	1	1
480	429	450	1	1
480	450	492	1	1
424	494	435	1	1
424	404	462	1	1
494	424	462	1	1
449	493	489	1	1
444	395	468	1	1
444	495	479	1	1
495	444	468	1	1
479	493	449	1	1
421	459	437	1	2
421	497	459	1	2
422	441	471	1	1
471	441	483	1	1
426	428	473	1	1
419	472	445	1	1
419	433	470	1	1
472	419	470	1	1
435	437	469	1	2

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
426	468	395	1	1
468	426	473	1	1
423	463	403	1	1
463	423	464	1	1
467	434	439	1	1
408	465	439	1	1
467	439	465	1	1
403	463	430	1	1
405	460	451	1	1
381	440	461	1	1
461	425	381	1	1
408	430	455	1	1
408	455	465	1	1
455	430	463	1	1
405	425	460	1	1
469	437	459	1	2
481	491	446	1	1
431	457	476	1	1
476	457	490	1	1
423	420	474	1	1
476	474	420	1	1
423	474	464	1	1
398	422	458	1	1
471	458	422	1	1
458	404	398	1	1
404	458	462	1	1
457	409	438	1	1
457	431	410	1	1
410	409	457	1	1
411	413	456	1	1
456	413	443	1	1
454	407	414	1	1
453	438	396	1	1
396	415	453	1	1
474	476	496	1	1
475	412	451	1	1
476	420	431	1	1
475	415	412	1	1
453	415	475	1	1
458	471	498	1	1
512	504	460	1	1
504	512	556	1	1
504	526	475	1	1
556	566	504	1	1
506	502	469	1	2
506	469	459	1	2
506	459	497	1	2
474	505	464	1	1
467	465	507	1	1
455	507	465	1	1
478	485	508	1	1
464	505	463	1	1
485	514	508	1	1
507	510	467	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
507	455	511	1	1
477	512	460	1	1
509	487	472	1	1
486	467	510	1	1
463	511	455	1	1
516	488	453	1	1
517	559	524	1	1
557	511	523	1	1
511	551	507	1	1
511	557	551	1	1
512	477	546	1	1
512	546	556	1	1
534	515	558	1	1
490	528	476	1	1
490	552	528	1	1
488	537	490	1	1
552	490	537	1	1
510	507	544	1	1
551	544	507	1	1
499	550	541	1	1
499	484	550	1	1
519	549	509	1	1
509	549	525	1	1
506	553	502	1	2
553	506	554	1	2
506	497	554	1	2
514	555	508	1	1
473	548	515	1	1
548	558	515	1	1
488	516	547	1	1
488	547	537	1	1
548	473	478	1	1
548	478	508	1	1
477	461	529	1	1
529	546	477	1	1
514	442	491	1	1
514	491	545	1	1
491	524	545	1	1
518	471	483	1	1
543	483	520	1	1
518	483	543	1	1
515	495	468	1	1
515	468	473	1	1
481	480	517	1	1
462	458	513	1	1
442	514	485	1	1
481	517	524	1	1
532	559	517	1	1
484	501	542	1	1
542	550	484	1	1
541	492	499	1	1
487	530	501	1	1
530	542	501	1	1
541	531	492	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
494	538	502	1	1
503	539	470	1	1
470	539	519	1	1
494	522	538	1	1
486	540	521	1	1
510	540	486	1	1
518	536	498	1	1
479	495	535	1	1
534	495	515	1	1
535	495	534	1	1
479	535	493	1	1
489	493	533	1	1
493	535	533	1	1
529	489	533	1	1
518	498	471	1	1
509	525	487	1	1
463	505	523	1	1
463	523	511	1	1
491	481	524	1	1
519	509	472	1	1
494	462	522	1	1
519	472	470	1	1
486	521	482	1	1
520	456	482	1	1
521	520	482	1	1
483	456	520	1	1
453	475	516	1	1
475	526	516	1	1
487	525	530	1	1
527	523	505	1	1
505	474	527	1	1
474	496	527	1	1
528	496	476	1	1
480	492	532	1	1
531	532	492	1	1
480	532	517	1	1
529	461	489	1	1
522	462	513	1	1
458	498	513	1	1
498	536	513	1	1
560	513	536	1	1
561	519	539	1	1
566	526	504	1	1
531	541	567	1	1
568	531	567	1	1
565	543	520	1	1
561	549	519	1	1
508	564	548	1	1
513	560	522	1	1
508	555	564	1	1
563	555	514	1	1
563	514	545	1	1
520	521	565	1	1
538	522	560	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
531	568	532	1	1
542	530	562	1	1
589	532	568	1	1
568	631	589	1	1
559	569	524	1	1
583	544	551	1	1
582	529	533	1	1
502	538	576	1	1
502	553	576	1	2
526	578	516	1	1
578	547	516	1	1
518	579	536	1	1
543	572	518	1	1
572	579	518	1	1
539	503	577	1	1
575	523	527	1	1
575	573	523	1	1
554	497	580	1	2
529	581	546	1	1
581	529	582	1	1
582	533	535	1	1
528	574	496	1	1
527	496	574	1	1
574	575	527	1	1
557	523	573	1	1
539	585	561	1	1
566	571	526	1	1
578	526	571	1	1
569	545	524	1	1
570	530	525	1	1
530	570	562	1	1
525	549	570	1	1
538	586	576	1	1
528	584	574	1	1
528	552	584	1	1
539	577	585	1	1
586	538	560	1	1
587	544	583	1	1
582	535	588	1	1
540	510	587	1	1
510	544	587	1	1
534	588	535	1	1
631	636	589	1	1
534	593	588	1	1
596	584	552	1	1
596	552	537	1	1
537	547	594	1	1
596	537	594	1	1
547	578	594	1	1
536	579	592	1	1
558	593	534	1	1
548	595	558	1	1
564	595	548	1	1
581	591	546	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
550	542	590	1	1
559	532	589	1	1
562	590	542	1	1
546	591	556	1	1
560	536	592	1	1
575	607	573	1	1
621	573	607	1	1
613	607	575	1	1
555	563	601	1	1
563	545	603	1	1
545	569	603	1	1
605	562	570	1	1
606	553	554	1	2
554	580	606	1	2
570	549	602	1	1
602	605	570	1	1
602	549	561	1	1
604	583	551	1	1
541	599	567	1	1
557	604	551	1	1
541	550	599	1	1
599	550	590	1	1
555	601	564	1	1
543	565	598	1	1
565	521	597	1	1
597	540	587	1	1
597	521	540	1	1
572	543	598	1	1
636	631	673	1	1
560	633	586	1	1
647	586	633	1	1
670	620	648	1	1
611	601	645	1	1
646	595	611	1	1
587	626	639	1	1
581	582	609	1	1
553	608	576	1	2
608	553	606	1	2
574	584	610	1	1
564	601	611	1	1
611	595	564	1	1
611	671	646	1	1
620	602	561	1	1
582	619	609	1	1
574	610	613	1	1
574	613	575	1	1
619	582	588	1	1
616	578	571	1	1
620	561	585	1	1
566	615	571	1	1
615	616	571	1	1
601	563	617	1	1
617	563	603	1	1
593	558	614	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
558	595	614	1	1
599	612	567	1	1
618	606	580	1	2
626	669	639	1	1
611	645	671	1	1
641	602	620	1	1
585	648	620	1	1
641	620	659	1	1
620	670	659	1	1
626	650	669	1	1
599	643	612	1	1
667	643	599	1	1
667	590	623	1	1
666	649	621	1	1
623	622	665	1	1
667	623	665	1	1
667	599	590	1	1
657	668	613	1	1
607	666	621	1	1
666	607	668	1	1
607	613	668	1	1
638	632	594	1	1
639	629	587	1	1
578	616	638	1	1
578	638	594	1	1
559	636	569	1	1
559	589	636	1	1
594	632	634	1	1
637	588	593	1	1
637	619	588	1	1
635	593	614	1	1
637	593	635	1	1
594	634	596	1	1
631	568	640	1	1
636	642	569	1	1
644	602	641	1	1
567	640	568	1	1
642	603	569	1	1
605	644	622	1	1
605	602	644	1	1
640	567	612	1	1
643	640	612	1	1
617	645	601	1	1
595	646	614	1	1
585	577	648	1	1
621	649	604	1	1
650	604	649	1	1
586	647	576	1	1
647	576	608	1	2
627	572	598	1	1
598	651	627	1	1
583	650	626	1	1
583	604	650	1	1
652	610	584	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
596	652	584	1	1
652	596	634	1	1
579	624	592	1	1
654	592	624	1	1
580	656	618	1	2
653	603	642	1	1
617	603	653	1	1
560	654	633	1	1
591	628	655	1	1
592	654	560	1	1
619	663	609	1	1
657	610	652	1	1
610	657	613	1	1
616	661	638	1	1
637	663	619	1	1
627	624	579	1	1
562	623	590	1	1
562	605	622	1	1
623	562	622	1	1
573	621	557	1	1
604	557	621	1	1
624	627	664	1	1
581	609	628	1	1
572	627	579	1	1
591	581	628	1	1
626	587	583	1	1
630	598	565	1	1
651	598	630	1	1
630	565	597	1	1
587	629	597	1	1
591	625	556	1	1
566	625	615	1	1
566	556	625	1	1
630	660	651	1	1
660	597	629	1	1
630	597	660	1	1
634	632	662	1	1
625	658	615	1	1
616	615	658	1	1
658	661	616	1	1
625	591	655	1	1
647	608	606	1	2
640	673	631	1	1
673	640	676	1	1
635	672	637	1	1
673	728	687	1	1
712	728	673	1	1
675	665	622	1	1
675	726	665	1	1
675	622	644	1	1
674	654	624	1	1
624	664	674	1	1
726	675	698	1	1
727	680	663	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
679	618	656	1	2
679	606	618	1	2
655	628	677	1	1
680	677	628	1	1
680	609	663	1	1
629	639	678	1	1
680	628	609	1	1
660	629	678	1	1
606	679	647	1	2
662	681	634	1	1
634	681	652	1	1
706	737	695	1	1
633	714	647	1	1
647	714	715	1	1
716	670	648	1	1
717	646	671	1	1
682	617	653	1	1
682	653	684	1	1
671	645	682	1	1
617	682	645	1	1
719	711	682	1	1
656	718	679	1	2
719	682	684	1	1
664	627	683	1	1
651	683	627	1	1
689	684	653	1	1
722	719	684	1	1
671	711	717	1	1
726	705	665	1	1
718	720	679	1	2
722	684	689	1	1
668	721	666	1	1
721	668	707	1	1
678	723	660	1	1
680	724	677	1	1
727	724	680	1	1
710	649	666	1	1
666	721	710	1	1
716	708	670	1	1
663	702	727	1	1
661	685	638	1	1
685	661	709	1	1
674	730	691	1	1
732	730	674	1	1
729	681	662	1	1
681	706	652	1	1
706	681	725	1	1
725	681	729	1	1
685	729	662	1	1
664	732	674	1	1
685	632	638	1	1
685	662	632	1	1
667	686	643	1	1
643	686	690	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
686	667	705	1	1
686	705	731	1	1
733	686	731	1	1
733	690	686	1	1
636	673	687	1	1
614	646	688	1	1
636	687	642	1	1
689	642	687	1	1
689	653	642	1	1
643	690	640	1	1
688	635	614	1	1
733	712	690	1	1
732	664	683	1	1
735	697	660	1	1
691	654	674	1	1
688	646	717	1	1
654	691	693	1	1
691	730	736	1	1
697	651	660	1	1
660	723	735	1	1
693	633	654	1	1
639	669	692	1	1
639	692	678	1	1
633	693	714	1	1
714	693	736	1	1
691	736	693	1	1
707	695	737	1	1
656	734	718	1	2
655	677	704	1	1
625	655	701	1	1
655	704	701	1	1
644	698	675	1	1
644	641	698	1	1
641	659	696	1	1
698	641	696	1	1
683	651	697	1	1
667	665	705	1	1
650	649	703	1	1
650	699	669	1	1
650	703	699	1	1
702	663	637	1	1
657	652	706	1	1
695	668	657	1	1
657	706	695	1	1
635	688	694	1	1
637	672	702	1	1
659	708	696	1	1
701	658	625	1	1
709	658	701	1	1
649	710	703	1	1
670	708	659	1	1
668	695	707	1	1
712	673	676	1	1
640	690	676	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
690	712	676	1	1
658	709	661	1	1
635	694	672	1	1
694	713	672	1	1
702	672	713	1	1
671	682	711	1	1
647	679	715	1	2
715	679	720	1	2
699	738	669	1	1
738	692	669	1	1
699	748	738	1	1
793	738	748	1	1
721	794	786	1	1
740	687	728	1	1
740	689	687	1	1
709	741	685	1	1
795	745	782	1	1
797	740	764	1	1
751	796	789	1	1
739	796	751	1	1
788	796	739	1	1
724	747	677	1	1
683	745	732	1	1
783	801	750	1	1
801	756	750	1	1
737	799	768	1	1
707	768	721	1	1
721	755	710	1	1
721	768	794	1	1
740	728	764	1	1
799	794	768	1	1
791	756	801	1	1
732	745	795	1	1
795	798	732	1	1
722	740	778	1	1
722	802	783	1	1
694	739	713	1	1
797	778	740	1	1
802	722	778	1	1
688	717	742	1	1
723	678	744	1	1
744	678	692	1	1
748	699	703	1	1
748	703	755	1	1
708	743	696	1	1
701	704	746	1	1
677	747	704	1	1
683	697	745	1	1
697	735	745	1	1
747	746	704	1	1
688	739	694	1	1
739	688	742	1	1
741	729	685	1	1
689	740	722	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
805	755	786	1	1
755	805	748	1	1
805	793	748	1	1
803	749	787	1	1
749	803	770	1	1
771	762	804	1	1
747	724	769	1	1
809	747	769	1	1
714	736	754	1	1
692	762	744	1	1
698	758	726	1	1
729	763	725	1	1
728	712	764	1	1
692	738	762	1	1
712	733	761	1	1
759	727	751	1	1
760	743	708	1	1
724	727	759	1	1
753	708	716	1	1
708	753	760	1	1
754	715	714	1	1
711	719	750	1	1
756	717	711	1	1
705	757	731	1	1
705	726	757	1	1
755	703	710	1	1
751	727	702	1	1
751	702	713	1	1
751	713	739	1	1
750	756	711	1	1
709	701	749	1	1
749	701	746	1	1
715	720	752	1	2
737	706	767	1	1
741	709	770	1	1
749	770	709	1	1
744	771	723	1	1
723	771	772	1	1
771	744	762	1	1
724	759	769	1	1
696	743	766	1	1
766	698	696	1	1
766	758	698	1	1
765	706	725	1	1
767	706	765	1	1
768	707	737	1	1
725	763	765	1	1
771	804	812	1	1
776	811	764	1	1
746	747	809	1	1
779	757	806	1	1
808	777	734	1	2
797	764	811	1	1
771	812	772	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
767	799	737	1	1
754	784	715	1	1
754	792	784	1	1
759	751	789	1	1
790	759	789	1	1
759	790	769	1	1
783	719	722	1	1
726	758	780	1	1
779	733	731	1	1
723	772	735	1	1
782	735	772	1	1
735	782	745	1	1
750	719	783	1	1
741	781	729	1	1
781	763	729	1	1
761	733	779	1	1
753	785	760	1	1
784	715	752	1	2
716	785	753	1	1
787	749	746	1	1
786	755	721	1	1
739	742	788	1	1
741	770	781	1	1
752	720	777	1	2
712	776	764	1	1
777	720	718	1	2
718	734	777	1	2
774	792	754	1	1
732	773	730	1	1
732	798	773	1	1
775	717	756	1	1
775	756	791	1	1
775	742	717	1	1
788	742	775	1	1
761	776	712	1	1
736	774	754	1	1
736	730	774	1	1
773	774	730	1	1
779	731	757	1	1
780	757	726	1	1
778	816	802	1	1
818	776	761	1	1
817	804	762	1	1
793	817	738	1	1
814	763	781	1	1
813	752	777	1	2
752	813	784	1	2
815	769	790	1	1
769	815	809	1	1
776	818	811	1	1
813	777	808	1	2
797	816	778	1	1
817	762	738	1	1
761	779	818	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
757	780	806	1	1
780	820	806	1	1
823	820	780	1	1
763	819	765	1	1
814	819	763	1	1
774	810	792	1	1
823	853	820	1	1
822	772	812	1	1
823	889	853	1	1
852	825	833	1	1
820	848	806	1	1
820	853	848	1	1
808	851	813	1	2
844	816	797	1	1
844	797	811	1	1
847	812	804	1	1
847	850	812	1	1
822	812	850	1	1
786	846	805	1	1
817	847	804	1	1
843	801	783	1	1
770	803	838	1	1
838	803	849	1	1
845	817	793	1	1
846	786	794	1	1
843	783	802	1	1
845	793	805	1	1
794	799	842	1	1
842	846	794	1	1
848	832	806	1	1
803	787	840	1	1
849	803	840	1	1
791	801	841	1	1
843	841	801	1	1
792	825	784	1	1
825	792	833	1	1
819	821	765	1	1
823	758	766	1	1
780	758	823	1	1
824	746	809	1	1
746	824	787	1	1
772	822	782	1	1
821	767	765	1	1
821	799	767	1	1
784	813	825	1	2
785	826	760	1	1
826	827	760	1	1
781	828	814	1	1
827	766	743	1	1
827	743	760	1	1
823	766	807	1	1
766	827	807	1	1
781	770	828	1	1
838	828	770	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
834	789	796	1	1
789	834	839	1	1
840	787	824	1	1
790	839	835	1	1
839	790	789	1	1
818	779	832	1	1
795	782	829	1	1
810	833	792	1	1
832	779	806	1	1
788	830	796	1	1
796	830	834	1	1
810	774	831	1	1
831	774	773	1	1
798	831	773	1	1
837	775	791	1	1
790	835	815	1	1
829	782	836	1	1
782	822	836	1	1
837	788	775	1	1
830	788	837	1	1
926	853	889	1	1
854	798	795	1	1
854	795	829	1	1
831	798	854	1	1
826	785	859	1	1
814	856	819	1	1
858	825	852	1	1
810	831	855	1	1
828	856	814	1	1
857	818	832	1	1
859	878	826	1	1
861	817	845	1	1
825	860	858	1	2
860	825	813	1	2
851	860	813	1	2
861	847	817	1	1
889	960	926	1	1
897	847	861	1	1
834	830	862	1	1
805	864	845	1	1
867	802	816	1	1
805	846	864	1	1
837	791	865	1	1
866	819	856	1	1
821	819	866	1	1
815	835	863	1	1
816	844	867	1	1
841	865	791	1	1
869	852	833	1	1
833	810	869	1	1
811	818	868	1	1
869	810	855	1	1
868	818	857	1	1
868	844	811	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
838	870	828	1	1
862	874	834	1	1
830	882	862	1	1
802	867	873	1	1
828	870	856	1	1
799	821	871	1	1
802	873	843	1	1
881	843	873	1	1
842	799	871	1	1
836	872	829	1	1
836	822	875	1	1
836	875	877	1	1
872	836	877	1	1
824	876	840	1	1
880	876	824	1	1
880	824	809	1	1
879	832	848	1	1
879	857	832	1	1
865	882	837	1	1
830	837	882	1	1
831	883	855	1	1
822	850	875	1	1
809	815	880	1	1
839	834	874	1	1
826	878	827	1	1
850	847	884	1	1
875	850	884	1	1
881	841	843	1	1
854	829	872	1	1
854	883	831	1	1
960	991	926	1	1
897	932	884	1	1
869	891	852	1	1
885	807	827	1	1
827	886	885	1	1
807	885	823	1	1
887	835	839	1	1
839	874	887	1	1
878	886	827	1	1
940	897	933	1	1
932	897	940	1	1
931	875	884	1	1
884	939	931	1	1
884	932	939	1	1
872	930	854	1	1
930	872	941	1	1
872	916	941	1	1
855	921	869	1	1
929	869	921	1	1
933	897	861	1	1
933	861	899	1	1
905	835	887	1	1
887	934	905	1	1
934	887	935	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
891	869	929	1	1
930	901	854	1	1
874	935	887	1	1
867	890	937	1	1
890	938	937	1	1
936	896	881	1	1
875	931	914	1	1
882	922	862	1	1
925	893	876	1	1
880	925	876	1	1
856	906	866	1	1
821	866	903	1	1
866	906	924	1	1
924	903	866	1	1
895	853	926	1	1
886	920	885	1	1
920	886	927	1	1
878	927	886	1	1
878	928	927	1	1
859	928	878	1	1
883	918	855	1	1
921	855	918	1	1
904	935	874	1	1
862	922	904	1	1
905	888	863	1	1
923	888	905	1	1
912	873	867	1	1
844	890	867	1	1
912	867	937	1	1
889	823	885	1	1
890	910	938	1	1
896	909	865	1	1
919	889	885	1	1
920	919	885	1	1
870	917	856	1	1
916	872	877	1	1
914	877	875	1	1
877	914	916	1	1
906	856	917	1	1
902	838	849	1	1
911	838	902	1	1
842	894	846	1	1
894	913	846	1	1
913	864	846	1	1
879	895	915	1	1
860	898	858	1	2
898	860	908	1	2
851	908	860	1	2
910	890	868	1	1
857	910	868	1	1
864	907	845	1	1
913	907	864	1	1
911	870	838	1	1
905	863	835	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
845	899	861	1	1
899	845	907	1	1
909	882	865	1	1
862	904	874	1	1
893	902	849	1	1
821	903	871	1	1
901	918	883	1	1
815	888	880	1	1
815	863	888	1	1
858	852	891	1	1
868	890	844	1	1
896	865	841	1	1
893	849	840	1	1
848	853	895	1	1
879	848	895	1	1
842	871	894	1	1
876	893	840	1	1
881	896	841	1	1
884	847	897	1	1
883	854	901	1	1
851	808	892	1	2
851	892	908	1	2
932	945	939	1	1
942	873	912	1	1
936	881	942	1	1
881	873	942	1	1
908	892	943	1	2
879	915	952	1	1
950	915	895	1	1
907	913	956	1	1
902	893	954	1	1
913	894	955	1	1
950	895	926	1	1
945	932	940	1	1
944	888	923	1	1
946	891	929	1	1
858	891	946	1	1
880	944	925	1	1
944	880	888	1	1
898	908	946	1	2
946	858	898	1	2
882	948	922	1	1
894	871	953	1	1
910	857	952	1	1
952	857	879	1	1
948	882	909	1	1
951	948	909	1	1
936	951	896	1	1
951	909	896	1	1
870	911	949	1	1
870	949	917	1	1
894	953	955	1	1
903	953	871	1	1
924	953	903	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
927	928	957	1	1
928	859	947	1	1
957	928	947	1	1
904	958	935	1	1
904	922	958	1	1
959	905	934	1	1
959	923	905	1	1
925	962	893	1	1
960	889	919	1	1
961	949	911	1	1
893	962	954	1	1
902	961	911	1	1
961	902	954	1	1
1009	1053	995	1	1
977	1005	970	1	1
991	960	1004	1	1
968	1004	960	1	1
967	956	1007	1	1
963	901	930	1	1
964	912	937	1	1
963	918	901	1	1
964	1008	973	1	1
915	965	952	1	1
965	915	969	1	1
969	1006	965	1	1
1001	1007	956	1	1
996	1003	954	1	1
954	1003	961	1	1
987	961	1003	1	1
971	958	998	1	1
988	998	922	1	1
958	922	998	1	1
971	959	934	1	1
999	959	971	1	1
1001	956	980	1	1
972	959	999	1	1
953	924	994	1	1
938	966	995	1	1
938	995	937	1	1
975	994	924	1	1
979	914	931	1	1
914	979	993	1	1
926	991	950	1	1
993	916	914	1	1
941	916	985	1	1
993	985	916	1	1
944	972	992	1	1
925	944	992	1	1
997	925	992	1	1
996	954	962	1	1
997	996	962	1	1
925	997	962	1	1
991	969	950	1	1
990	930	941	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
990	941	985	1	1
921	918	989	1	1
922	948	988	1	1
948	951	988	1	1
936	942	986	1	1
936	986	983	1	1
987	917	949	1	1
987	949	961	1	1
978	906	917	1	1
978	917	987	1	1
973	942	912	1	1
986	942	973	1	1
921	989	974	1	1
930	990	963	1	1
989	918	963	1	1
990	1002	963	1	1
913	955	980	1	1
980	956	913	1	1
984	939	945	1	1
931	939	984	1	1
981	920	927	1	1
892	982	943	1	2
936	983	951	1	1
970	984	945	1	1
984	979	931	1	1
919	920	968	1	1
981	968	920	1	1
967	933	899	1	1
933	967	977	1	1
977	970	933	1	1
927	957	981	1	1
995	966	1009	1	1
964	937	995	1	1
906	975	924	1	1
906	978	975	1	1
943	976	908	1	2
976	943	982	1	2
976	946	908	1	2
915	950	969	1	1
940	933	970	1	1
929	921	974	1	1
940	970	945	1	1
971	934	935	1	1
972	944	923	1	1
923	959	972	1	1
958	971	935	1	1
964	973	912	1	1
967	899	907	1	1
956	967	907	1	1
968	960	919	1	1
966	910	952	1	1
910	966	938	1	1
1009	966	1022	1	1
1009	1062	1053	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
981	1013	1033	1	1
1012	946	976	1	2
957	947	1013	1	1
1013	981	957	1	1
1010	980	955	1	1
1010	955	953	1	1
953	994	1010	1	1
1012	976	1011	1	2
1008	1040	973	1	1
1008	964	1017	1	1
1048	1040	1008	1	1
998	988	1039	1	1
1035	1003	996	1	1
1014	1039	988	1	1
1040	986	973	1	1
1029	983	986	1	1
1029	986	1040	1	1
999	971	1021	1	1
1037	999	1021	1	1
1002	1038	1024	1	1
1036	990	985	1	1
1036	1002	990	1	1
1038	1002	1036	1	1
997	1034	996	1	1
996	1034	1035	1	1
1030	1034	997	1	1
981	1033	1020	1	1
980	1032	1001	1	1
1010	1032	980	1	1
969	991	1031	1	1
1031	1006	969	1	1
1014	983	1029	1	1
997	992	1030	1	1
1003	1027	987	1	1
1021	971	998	1	1
1015	974	1023	1	1
1022	966	952	1	1
965	1022	952	1	1
989	1023	974	1	1
1024	1023	989	1	1
965	1006	1022	1	1
1002	1024	963	1	1
1024	989	963	1	1
984	970	1025	1	1
984	1025	1026	1	1
984	1026	979	1	1
970	1005	1025	1	1
1026	993	979	1	1
1004	968	1028	1	1
1027	978	987	1	1
946	929	1015	1	1
946	1015	1012	1	1
1016	977	967	1	1
1016	1005	977	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1016	967	1007	1	1
974	1015	929	1	1
988	951	1014	1	1
1014	951	983	1	1
995	1017	964	1	1
994	975	1018	1	1
975	978	1018	1	1
1019	976	982	1	2
1011	976	1019	1	2
968	981	1020	1	1
1028	968	1020	1	1
1041	1030	992	1	1
991	1043	1031	1	1
1004	1043	991	1	1
1042	993	1026	1	1
1042	985	993	1	1
1041	972	999	1	1
1041	999	1037	1	1
1041	992	972	1	1
1112	1053	1062	1	1
1061	1043	1004	1	1
1025	1005	1055	1	1
1055	1060	1025	1	1
1060	1026	1025	1	1
1029	1059	1014	1	1
1019	982	1058	1	2
1028	1061	1004	1	1
1006	1052	1022	1	1
1062	1022	1052	1	1
1062	1009	1022	1	1
1053	1017	995	1	1
978	1050	1018	1	1
1027	1050	978	1	1
1050	1027	1051	1	1
1006	1031	1052	1	1
1008	1017	1048	1	1
1007	1001	1049	1	1
1001	1032	1049	1	1
1055	1005	1016	1	1
985	1054	1036	1	1
1045	1010	994	1	1
1056	1010	1045	1	1
1003	1035	1057	1	1
1027	1003	1051	1	1
1051	1003	1057	1	1
1042	1054	985	1	1
1112	1062	1126	1	1
1075	1042	1026	1	1
1077	1012	1015	1	1
1077	1015	1023	1	1
1060	1075	1026	1	1
1076	1040	1048	1	1
1078	1036	1054	1	1
1036	1078	1072	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1064	1037	1021	1	1
1037	1064	1079	1	1
1041	1037	1079	1	1
1079	1084	1041	1	1
1031	1043	1073	1	1
1017	1053	1067	1	1
1018	1063	1045	1	1
1063	1018	1050	1	1
1044	1064	1021	1	1
1065	1039	1014	1	1
1017	1067	1048	1	1
1059	1065	1014	1	1
1066	1020	1033	1	1
1020	1066	1071	1	1
1030	1068	1034	1	1
1007	1049	1069	1	1
1055	1016	1069	1	1
1007	1069	1016	1	1
1066	1033	1074	1	1
1010	1056	1070	1	1
1010	1070	1032	1	1
1038	1036	1072	1	1
1020	1071	1028	1	1
1071	1061	1028	1	1
1011	1019	1047	1	2
1058	1047	1019	1	2
1023	1024	1046	1	1
1011	1047	1012	1	2
1045	994	1018	1	1
1044	1021	998	1	1
1039	1044	998	1	1
1024	1038	1046	1	1
1084	1079	1125	1	1
1075	1083	1042	1	1
1127	1083	1075	1	1
1023	1082	1077	1	1
1033	1013	1081	1	1
1042	1083	1054	1	1
1078	1054	1083	1	1
1023	1046	1082	1	1
1077	1080	1012	1	1
1080	1012	1047	1	2
1033	1081	1074	1	1
1083	1127	1117	1	1
1075	1113	1127	1	1
1062	1091	1126	1	1
1121	1047	1089	1	2
1050	1051	1087	1	1
1084	1030	1041	1	1
1085	1082	1046	1	1
1031	1088	1052	1	1
1072	1085	1038	1	1
1046	1038	1085	1	1
1061	1086	1043	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1068	1030	1084	1	1
1031	1073	1088	1	1
1086	1073	1043	1	1
1047	1058	1089	1	2
1050	1087	1102	1	1
1090	1087	1051	1	1
1045	1063	1093	1	1
1093	1063	1102	1	1
1055	1099	1060	1	1
1055	1101	1099	1	1
1044	1103	1064	1	1
1104	1103	1044	1	1
1069	1101	1055	1	1
1069	1049	1098	1	1
1101	1069	1098	1	1
1050	1102	1063	1	1
1070	1056	1095	1	1
1070	1095	1096	1	1
1045	1093	1094	1	1
1094	1056	1045	1	1
1095	1056	1094	1	1
1032	1097	1049	1	1
1098	1049	1097	1	1
1096	1032	1070	1	1
1097	1032	1096	1	1
1091	1062	1052	1	1
1088	1091	1052	1	1
1034	1092	1035	1	1
1057	1035	1092	1	1
1034	1068	1092	1	1
1057	1090	1051	1	1
1090	1057	1092	1	1
1039	1104	1044	1	1
1104	1039	1105	1	1
1107	1065	1059	1	1
1107	1059	1108	1	1
1065	1105	1039	1	1
1065	1107	1105	1	1
1048	1067	1109	1	1
1111	1109	1067	1	1
1076	1048	1109	1	1
1040	1076	1108	1	1
1109	1108	1076	1	1
1029	1040	1108	1	1
1108	1059	1029	1	1
1053	1111	1067	1	1
1112	1111	1053	1	1
1154	1127	1182	1	1
1129	1112	1111	1	2
1114	1130	1086	1	1
1128	1082	1085	1	1
1128	1119	1082	1	1
1143	1081	1152	1	1
1131	1125	1079	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1131	1064	1103	1	1
1131	1079	1064	1	1
1058	1132	1089	1	2
1137	1089	1132	1	2
1128	1085	1134	1	1
1121	1089	1137	1	2
1087	1133	1102	1	1
1087	1139	1133	1	1
1115	1134	1085	1	1
1108	1135	1118	1	2
1107	1135	1108	1	2
1138	1135	1107	1	2
1136	1105	1104	1	2
1103	1136	1104	1	2
1107	1106	1138	1	2
1087	1090	1139	1	1
1109	1108	1118	1	2
1113	1060	1099	1	1
1073	1116	1088	1	1
1119	1077	1082	1	1
1078	1083	1117	1	1
1072	1115	1085	1	1
1114	1061	1071	1	1
1113	1075	1060	1	1
1061	1114	1086	1	1
1119	1080	1077	1	1
1128	1141	1119	1	1
1099	1140	1113	1	1
1140	1127	1113	1	1
1143	1074	1081	1	1
1120	1066	1074	1	1
1074	1143	1120	1	1
1142	1090	1092	1	1
1123	1078	1117	1	1
1072	1123	1115	1	1
1072	1078	1123	1	1
1068	1084	1124	1	1
1084	1125	1124	1	1
1066	1120	1071	1	1
1120	1114	1071	1	1
1092	1068	1122	1	1
1068	1124	1122	1	1
1047	1121	1080	1	2
1153	1130	1114	1	1
1125	1131	1150	1	1
1114	1120	1153	1	1
1141	1151	1119	1	1
1091	1148	1126	1	1
1118	1145	1109	1	2
1073	1147	1116	1	1
1080	1119	1151	1	1
1151	1080	1121	1	2
1151	1121	1137	1	2
1142	1092	1149	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1148	1088	1116	1	1
1091	1088	1148	1	1
1147	1073	1086	1	1
1106	1105	1146	1	2
1138	1106	1146	1	2
1147	1086	1130	1	1
1144	1110	1109	1	2
1144	1109	1145	1	2
1144	1111	1110	1	2
1144	1129	1111	1	2
1122	1149	1092	1	1
1127	1154	1117	1	1
1103	1155	1136	1	2
1131	1103	1155	1	1
1105	1136	1156	1	2
1105	1156	1146	1	2
1140	1160	1127	1	1
1140	1099	1164	1	1
1117	1154	1163	1	1
1165	1102	1133	1	1
1166	1139	1090	1	1
1170	1139	1166	1	1
1123	1117	1163	1	1
1090	1142	1166	1	1
1162	1125	1150	1	1
1125	1162	1124	1	1
1135	1138	1161	1	2
1158	1122	1124	1	1
1162	1158	1124	1	1
1126	1159	1112	1	1
1143	1157	1120	1	1
1120	1157	1153	1	1
1158	1149	1122	1	1
1136	1180	1156	1	2
1183	1137	1169	1	2
1127	1160	1182	1	1
1183	1151	1137	1	2
1151	1183	1184	1	2
1181	1142	1149	1	1
1166	1142	1181	1	1
1180	1136	1155	1	2
1128	1177	1141	1	1
1171	1128	1134	1	1
1128	1171	1177	1	1
1143	1152	1176	1	1
1175	1126	1148	1	1
1126	1175	1178	1	1
1159	1126	1178	1	1
1131	1155	1179	1	1
1179	1150	1131	1	1
1172	1116	1147	1	1
1116	1172	1148	1	1
1168	1134	1115	1	1
1168	1171	1134	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1161	1173	1135	1	2
1118	1135	1173	1	2
1173	1174	1118	1	2
1139	1170	1133	1	1
1133	1170	1165	1	1
1168	1123	1163	1	1
1115	1123	1168	1	1
1129	1144	1167	1	2
1137	1132	1169	1	2
1112	1159	1167	1	1
1174	1145	1118	1	2
1183	1215	1184	1	2
1157	1143	1188	1	1
1188	1143	1176	1	1
1189	1172	1147	1	1
1191	1140	1164	1	1
1191	1160	1140	1	1
1160	1191	1194	1	1
1160	1194	1182	1	1
1147	1130	1189	1	1
1189	1130	1190	1	1
1170	1166	1195	1	1
1186	1162	1150	1	1
1186	1203	1162	1	1
1190	1130	1153	1	1
1153	1204	1190	1	1
1149	1158	1193	1	1
1193	1158	1196	1	1
1156	1197	1146	1	2
1156	1199	1197	1	2
1197	1185	1146	1	2
1204	1157	1188	1	1
1144	1145	1187	1	2
1144	1192	1167	1	2
1144	1198	1192	1	2
1175	1148	1201	1	1
1148	1172	1201	1	1
1196	1158	1162	1	1
1196	1162	1203	1	1
1204	1153	1157	1	1
1205	1179	1155	1	1
1180	1155	1205	1	2
1180	1199	1156	1	2
1132	1202	1169	1	2
1169	1202	1183	1	2
1144	1187	1198	1	2
1179	1186	1150	1	1
1138	1185	1161	1	2
1185	1138	1146	1	2
1187	1145	1174	1	2
1193	1181	1149	1	1
1173	1208	1174	1	2
1212	1151	1184	1	2
1215	1212	1184	1	2

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1209	1151	1141	1	1
1212	1151	1209	1	1
1188	1176	1210	1	1
1210	1176	1213	1	1
1213	1176	1152	1	1
1211	1172	1189	1	1
1141	1177	1209	1	1
1207	1171	1168	1	1
1154	1206	1163	1	1
1206	1154	1182	1	1
1215	1234	1243	1	2
1206	1216	1163	1	1
1217	1161	1185	1	2
1168	1163	1216	1	1
1217	1173	1161	1	2
1217	1208	1173	1	2
1168	1216	1207	1	1
1166	1220	1195	1	1
1218	1179	1205	1	1
1231	1180	1205	1	2
1271	1243	1234	1	2
1185	1236	1217	1	2
1301	1243	1271	1	2
1216	1259	1247	1	1
1212	1209	1260	1	1
1216	1206	1259	1	1
1263	1259	1206	1	1
1263	1206	1223	1	1
1223	1240	1263	1	1
1250	1218	1262	1	1
1262	1218	1205	1	1
1231	1205	1262	1	2
1238	1208	1261	1	2
1261	1208	1248	1	2
1239	1196	1203	1	1
1196	1230	1193	1	1
1196	1239	1258	1	1
1258	1230	1196	1	1
1260	1209	1228	1	1
1264	1232	1233	1	1
1236	1248	1217	1	2
1255	1219	1237	1	1
1253	1219	1255	1	1
1257	1220	1214	1	1
1211	1256	1237	1	1
1246	1256	1211	1	1
1227	1218	1250	1	1
1248	1208	1217	1	2
1224	1170	1195	1	1
1195	1249	1224	1	1
1249	1195	1220	1	1
1189	1251	1246	1	1
1190	1251	1189	1	1
1252	1226	1198	1	2

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1254	1252	1198	1	2
1254	1198	1187	1	2
1219	1175	1201	1	1
1179	1218	1186	1	1
1219	1178	1175	1	1
1226	1219	1253	1	1
1190	1204	1232	1	1
1251	1190	1232	1	1
1247	1207	1216	1	1
1221	1191	1164	1	1
1170	1222	1165	1	1
1170	1224	1222	1	1
1166	1181	1220	1	1
1181	1214	1220	1	1
1222	1224	1242	1	1
1227	1239	1203	1	1
1244	1215	1243	1	2
1229	1194	1191	1	1
1241	1229	1191	1	1
1191	1221	1241	1	1
1194	1223	1182	1	1
1240	1194	1229	1	1
1223	1194	1240	1	1
1188	1210	1245	1	1
1233	1188	1245	1	1
1189	1246	1211	1	1
1215	1244	1212	1	2
1225	1185	1197	1	2
1236	1185	1225	1	2
1223	1206	1182	1	1
1204	1233	1232	1	1
1180	1231	1199	1	2
1231	1197	1199	1	2
1183	1234	1215	1	2
1188	1233	1204	1	1
1234	1183	1202	1	2
1228	1209	1177	1	1
1219	1226	1178	1	1
1226	1167	1159	1	1
1226	1192	1198	1	2
1226	1159	1178	1	1
1226	1167	1192	1	2
1186	1227	1203	1	1
1218	1227	1186	1	1
1177	1171	1228	1	1
1228	1207	1235	1	1
1174	1208	1238	1	2
1237	1219	1201	1	1
1238	1187	1174	1	2
1187	1238	1254	1	2
1201	1172	1211	1	1
1211	1237	1201	1	1
1228	1171	1207	1	1
1214	1181	1193	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1230	1214	1193	1	1
1257	1214	1230	1	1
1207	1247	1266	1	1
1241	1269	1229	1	1
1268	1224	1249	1	1
1265	1225	1197	1	2
1265	1267	1225	1	2
1265	1197	1231	1	2
1267	1236	1225	1	2
1266	1235	1207	1	1
1224	1268	1242	1	1
1323	1301	1271	1	2
1233	1276	1264	1	1
1269	1274	1229	1	1
1280	1269	1241	1	1
1280	1295	1269	1	1
1287	1235	1266	1	1
1297	1266	1247	1	1
1297	1309	1266	1	1
1297	1259	1303	1	1
1227	1250	1270	1	1
1239	1227	1270	1	1
1273	1248	1236	1	2
1275	1245	1210	1	1
1275	1276	1245	1	1
1276	1233	1245	1	1
1275	1210	1213	1	1
1275	1213	1278	1	1
1260	1277	1212	1	1
1279	1226	1252	1	2
1229	1274	1240	1	1
1277	1212	1244	1	2
1267	1273	1236	1	2
1221	1280	1241	1	1
1260	1228	1287	1	1
1257	1286	1220	1	1
1286	1249	1220	1	1
1287	1228	1235	1	1
1285	1232	1264	1	1
1285	1251	1232	1	1
1262	1284	1231	1	2
1281	1222	1242	1	1
1283	1250	1262	1	1
1265	1231	1284	1	2
1202	1271	1234	1	2
1230	1258	1272	1	1
1277	1244	1243	1	2
1242	1268	1281	1	1
1268	1296	1281	1	1
1294	1253	1255	1	1
1237	1291	1255	1	1
1294	1255	1291	1	1
1226	1253	1279	1	1
1294	1279	1253	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1288	1239	1270	1	1
1297	1247	1259	1	1
1274	1292	1240	1	1
1240	1292	1263	1	1
1293	1279	1252	1	2
1293	1252	1254	1	2
1238	1290	1254	1	2
1293	1254	1290	1	2
1282	1237	1256	1	1
1237	1282	1291	1	1
1289	1282	1256	1	1
1256	1246	1289	1	1
1246	1251	1289	1	1
1285	1289	1251	1	1
1288	1258	1239	1	1
1290	1238	1261	1	2
1257	1230	1272	1	1
1297	1328	1309	1	1
1297	1329	1328	1	1
1329	1297	1303	1	1
1292	1303	1263	1	1
1270	1302	1288	1	1
1259	1263	1303	1	1
1250	1302	1270	1	1
1250	1283	1302	1	1
1298	1286	1257	1	1
1248	1299	1261	1	2
1299	1248	1273	1	2
1272	1298	1257	1	1
1330	1329	1303	1	1
1313	1260	1287	1	1
1266	1309	1287	1	1
1243	1310	1277	1	2
1295	1307	1269	1	1
1314	1307	1295	1	1
1280	1311	1295	1	1
1295	1311	1314	1	1
1277	1260	1313	1	1
1310	1243	1301	1	2
1312	1281	1296	1	1
1308	1296	1268	1	1
1307	1292	1274	1	1
1307	1274	1269	1	1
1308	1268	1249	1	1
1249	1286	1308	1	1
1288	1305	1258	1	1
1267	1265	1306	1	2
1267	1304	1273	1	2
1304	1267	1306	1	2
1305	1272	1258	1	1
1306	1265	1284	1	2
1354	1319	1320	1	1
1320	1355	1354	1	1
1332	1307	1314	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1314	1333	1332	1	1
1326	1325	1313	1	1
1287	1326	1313	1	1
1327	1326	1287	1	1
1292	1307	1331	1	1
1332	1331	1307	1	1
1292	1330	1303	1	1
1292	1331	1330	1	1
1333	1314	1311	1	1
1312	1296	1315	1	1
1315	1334	1312	1	1
1308	1315	1296	1	1
1334	1315	1335	1	1
1278	1355	1320	1	1
1318	1285	1264	1	1
1319	1318	1264	1	1
1317	1279	1293	1	2
1317	1279	1294	1	1
1316	1283	1262	1	1
1262	1316	1284	1	2
1353	1318	1319	1	1
1319	1264	1276	1	1
1319	1276	1275	1	1
1319	1275	1320	1	1
1354	1353	1319	1	1
1294	1291	1351	1	1
1302	1340	1288	1	1
1340	1302	1341	1	1
1313	1325	1277	1	1
1308	1335	1315	1	1
1336	1335	1308	1	1
1352	1285	1318	1	1
1352	1318	1353	1	1
1317	1293	1348	1	2
1348	1349	1317	1	2
1317	1350	1349	1	1
1317	1294	1350	1	1
1294	1351	1350	1	1
1320	1275	1278	1	1
1291	1282	1321	1	1
1351	1291	1321	1	1
1282	1289	1321	1	1
1321	1352	1351	1	1
1272	1305	1338	1	1
1339	1338	1305	1	1
1287	1309	1327	1	1
1327	1309	1328	1	1
1305	1288	1339	1	1
1288	1340	1339	1	1
1321	1289	1352	1	1
1298	1337	1286	1	1
1338	1337	1298	1	1
1272	1338	1298	1	1
1336	1308	1286	1	1

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1336	1286	1337	1	1
1283	1341	1302	1	1
1352	1289	1285	1	1
1344	1304	1306	1	2
1304	1344	1345	1	2
1284	1316	1343	1	2
1341	1283	1316	1	1
1316	1342	1341	1	1
1316	1342	1343	1	2
1347	1293	1290	1	2
1347	1348	1293	1	2
1290	1261	1322	1	2
1347	1290	1322	1	2
1261	1299	1322	1	2
1322	1299	1346	1	2
1347	1322	1346	1	2
1343	1306	1284	1	2
1306	1343	1344	1	2
1299	1273	1345	1	2
1299	1345	1346	1	2
1345	1273	1304	1	2
1310	1325	1277	1	2
1324	1310	1301	1	2
1310	1324	1325	1	2
1323	1324	1301	1	2
1585	1582	1599	1	2
135	84	1583	1	2
129	1583	117	1	2
120	135	1583	1	2
129	120	1583	1	2
1584	85	121	1	2
121	124	1584	1	2
1585	1599	1607	1	2
6	1593	4	1	2
6	4	1598	1	2
1576	1592	1591	1	2
1589	1590	1578	1	2
1587	1579	1588	1	2
117	1583	1586	1	2
1586	1584	124	1	2
1586	124	117	1	2
1591	1592	1593	1	2
1595	1594	5	1	2
1594	1595	1	1	2
1596	1597	1598	1	2
1598	1597	6	1	2
1572	1581	1604	1	2
1592	1576	1603	1	2
1602	1601	1576	1	2
1601	1603	1576	1	2
1600	1601	1602	1	2
1605	1606	1575	1	2
1609	1608	1625	1	2
1625	1632	1609	1	2

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1632	1640	1609	1	2
1577	1609	1640	1	2
1623	1603	1601	1	2
1603	1641	1592	1	2
1641	1603	1642	1	2
1599	1615	1607	1	2
1615	1618	1607	1	2
1574	1613	1614	1	2
1613	1574	1615	1	2
1616	1617	1605	1	2
1610	1611	1612	1	2
1572	1604	1611	1	2
1612	1611	1604	1	2
1582	1615	1599	1	2
1578	1590	1624	1	2
1624	1625	1578	1	2
1618	1615	1574	1	2
1619	1602	1620	1	2
1613	1621	1573	1	2
1573	1621	1582	1	2
1593	6	1622	1	2
1608	1609	1577	1	2
1612	1577	1610	1	2
1613	1615	1621	1	2
1582	1621	1615	1	2
1597	1622	6	1	2
1576	1622	1602	1	2
1593	1622	1591	1	2
1576	1591	1622	1	2
1602	1597	1620	1	2
1597	1602	1622	1	2
1579	1600	1619	1	2
1600	1602	1619	1	2
1616	1605	1575	1	2
1626	1627	1628	1	2
1626	1628	1643	1	2
1588	1644	1587	1	2
1643	1616	1645	1	2
1575	1606	1642	1	2
1626	1634	1627	1	2
1626	1646	1634	1	2
1647	1595	5	1	2
1596	1595	1647	1	2
1607	1618	1638	1	2
1618	1639	1638	1	2
1585	1607	1633	1	2
1648	1607	1638	1	2
1638	1577	1648	1	2
1577	1640	1610	1	2
1633	1648	1612	1	2
1648	1633	1607	1	2
1614	1630	1574	1	2
1574	1630	1639	1	2
1636	1588	1579	1	2

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1636	1649	1588	1	2
1588	1649	1594	1	2
1649	1636	1620	1	2
1647	1649	1620	1	2
5	1594	1649	1	2
1574	1639	1618	1	2
1617	1616	1650	1	2
1630	1605	1617	1	2
1639	1630	1617	1	2
1639	1617	1650	1	2
1638	1608	1577	1	2
1625	1628	1578	1	2
1637	1628	1625	1	2
1627	1589	1578	1	2
1628	1627	1578	1	2
1637	1643	1628	1	2
1605	1630	1631	1	2
1633	1604	1581	1	2
1635	1590	1589	1	2
1590	1632	1624	1	2
1625	1624	1632	1	2
1637	1625	1608	1	2
1637	1608	1638	1	2
1631	1606	1605	1	2
1579	1587	1629	1	2
1587	1635	1629	1	2
1589	1634	1629	1	2
1589	1629	1635	1	2
1581	1585	1633	1	2
1627	1634	1589	1	2
1600	1579	1634	1	2
1629	1634	1579	1	2
1631	1630	1614	1	2
1619	1620	1636	1	2
1579	1619	1636	1	2
1633	1612	1604	1	2
1637	1638	1639	1	2
1643	1637	1650	1	2
1639	1650	1637	1	2
1640	1611	1610	1	2
1647	1597	1596	1	2
1	1644	1594	1	2
1594	1644	1588	1	2
1646	1623	1601	1	2
1642	1603	1623	1	2
1645	1642	1623	1	2
1646	1645	1623	1	2
1641	1642	1606	1	2
1642	1645	1575	1	2
1650	1616	1643	1	2
1577	1612	1648	1	2
1649	1647	5	1	2
1597	1647	1620	1	2
1646	1601	1600	1	2

## RELAZIONE SULLE FONDAZIONI

Nodo 1	Nodo 2	Nodo 3	Materiale	Sezione
1634	1646	1600	1	2
1643	1645	1626	1	2
1645	1646	1626	1	2
1575	1645	1616	1	2

## RELAZIONE SULLE FONDAZIONI

## 2.4. Condizioni e combinazioni di carico

## Convenzioni adottate

Nel seguito vengono riportate il numero di condizioni di carico statiche e dinamiche che sollecitano la struttura. Si noti che:

- Per quanto riguarda le condizioni di carico dinamiche, il programma assimila ogni direzione di ingresso del sisma, definita dal progettista, ad una condizione di carico. Pertanto qualora agiscano sulla struttura **n** condizioni di carico statiche e il progettista abbia supposto che la struttura venga sollecitata da un sisma entrante in **m** direzioni, la struttura stessa viene considerata del programma come soggetta ad **n + m** condizioni di carico.
- Le combinazioni di carico, definite dal progettista, combinano fra loro le **n + m** condizioni di carico ognuna partecipante alla combinazione **i-esima** secondo i fattori di partecipazione nel seguito riportati. N.B.: se la condizione **j-esima** ha fattore di partecipazione unitario, allora partecipa per intero alla combinazione **i-esima**.
- Le prime **n** condizioni sono sempre statiche mentre sono di origine dinamica le (eventuali) condizioni da **n + 1** a **n + m**.

## 2.4.1. Condizioni di carico definite

Condizione	
1	Peso Proprio
2	Peso Permanente
3	Neve
4	Vento_ <sub>+</sub> X_ <sub>-</sub> +0.20
5	Vento_ <sub>+</sub> X_ <sub>-</sub> -0.30
6	Vento_ <sub>+</sub> Y_ <sub>+</sub> +0.20_-0.70
7	Vento_ <sub>+</sub> Y_ <sub>+</sub> +0.20_+0.10
8	Vento_ <sub>+</sub> Y_ <sub>-</sub> -0.30_-0.70
9	Vento_ <sub>+</sub> Y_ <sub>-</sub> -0.30_+0.10
10	Categoria C1
11	Categoria C
12	Sisma 0+SLU
13	Sisma 0-SLU
14	Sisma 90+SLU
15	Sisma 90-SLU
16	Sisma 180+SLU
17	Sisma 180-SLU
18	Sisma 270+SLU
19	Sisma 270-SLU
20	Sisma 0+SLD
21	Sisma 0-SLD
22	Sisma 90+SLD
23	Sisma 90-SLD
24	Sisma 180+SLD
25	Sisma 180-SLD
26	Sisma 270+SLD
27	Sisma 270-SLD
28	Sisma 0+SLO
29	Sisma 0-SLO
30	Sisma 90+SLO
31	Sisma 90-SLO
32	Sisma 180+SLO
33	Sisma 180-SLO
34	Sisma 270+SLO
35	Sisma 270-SLO

## RELAZIONE SULLE FONDAZIONI

## 2.4.2. Combinazioni agli Stati Limite Ultimi

Combinazione di carico numero	
1	SLU_1
2	SLU_2
3	SLU_3
4	SLU_4
5	SLU_5
6	SLU_6
7	SLU_7
8	SLU_8
9	SLU_9

Comb.\Cond	1	2	3	4	5	6	7	8	9	10	11
1	1.3	1.3	1.5	0.9	0.9	0.9	0.9	0.9	0.9	1.05	1.05
2	1.3	1.3	0.75	1.5	0.9	0.9	0.9	0.9	0.9	1.05	1.05
3	1.3	1.3	0.75	0.9	1.5	0.9	0.9	0.9	0.9	1.05	1.05
4	1.3	1.3	0.75	0.9	0.9	1.5	0.9	0.9	0.9	1.05	1.05
5	1.3	1.3	0.75	0.9	0.9	0.9	1.5	0.9	0.9	1.05	1.05
6	1.3	1.3	0.75	0.9	0.9	0.9	0.9	1.5	0.9	1.05	1.05
7	1.3	1.3	0.75	0.9	0.9	0.9	0.9	0.9	1.5	1.05	1.05
8	1.3	1.3	0.75	0.9	0.9	0.9	0.9	0.9	0.9	1.5	1.05
9	1.3	1.3	0.75	0.9	0.9	0.9	0.9	0.9	0.9	1.05	1.5

## 2.4.3. Combinazioni agli Stati Limite di Salvaguardia della Vita

Combinazione di carico numero	
10	Sisma 0+ / 90+
11	Sisma 0+ / 270+
12	Sisma 0- / 90-
13	Sisma 0- / 270-
14	Sisma 90+ / 0+
15	Sisma 90+ / 180+
16	Sisma 90- / 0-
17	Sisma 90- / 180-
18	Sisma 180+ / 90+
19	Sisma 180+ / 270+
20	Sisma 180- / 90-
21	Sisma 180- / 270-
22	Sisma 270+ / 0+
23	Sisma 270+ / 180+
24	Sisma 270- / 0-
25	Sisma 270- / 180-

Comb.\Cond	1	2	12	13	14	15	16	17	18	19
10	1	1	1		0.3					
11	1	1	1						0.3	
12	1	1		1		0.3				
13	1	1		1						0.3
14	1	1	0.3		1					
15	1	1			1		0.3			
16	1	1		0.3		1				
17	1	1				1		0.3		
18	1	1			0.3		1			
19	1	1					1		0.3	

## RELAZIONE SULLE FONDAZIONI

20	1	1				0.3		1		
21	1	1						1		0.3
22	1	1	0.3						1	
23	1	1					0.3		1	
24	1	1		0.3						1
25	1	1						0.3		1

## 2.4.4. Combinazioni RARE Stati Limite di Esercizio

Combinazione di carico numero											
26											
27											
28											
29											
30											
31											
32											
33											
34											

Comb.\Cond	1	2	3	4	5	6	7	8	9	10	11
26	1	1	1	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7
27	1	1	0.5	1	0.6	0.6	0.6	0.6	0.6	0.7	0.7
28	1	1	0.5	0.6	1	0.6	0.6	0.6	0.6	0.7	0.7
29	1	1	0.5	0.6	0.6	1	0.6	0.6	0.6	0.7	0.7
30	1	1	0.5	0.6	0.6	0.6	1	0.6	0.6	0.7	0.7
31	1	1	0.5	0.6	0.6	0.6	0.6	1	0.6	0.7	0.7
32	1	1	0.5	0.6	0.6	0.6	0.6	0.6	1	0.7	0.7
33	1	1	0.5	0.6	0.6	0.6	0.6	0.6	0.6	1	0.7
34	1	1	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	1

## 2.4.5. Combinazioni FREQUENTI Stati Limite di Esercizio

Combinazione di carico numero											
35											
36											
37											
38											
39											
40											
41											
42											
43											

Comb.\Cond	1	2	3	4	5	6	7	8	9	10	11
35	1	1	0.2							0.6	0.6
36	1	1	1	0.2						0.6	0.6
37	1	1	1		0.2					0.6	0.6
38	1	1	1			0.2				0.6	0.6
39	1	1	1				0.2			0.6	0.6
40	1	1	1					0.2		0.6	0.6
41	1	1	1						0.2	0.6	0.6
42	1	1	1							0.7	0.6
43	1	1	1							0.6	0.7

## RELAZIONE SULLE FONDAZIONI

## 2.4.6. Combinazioni QUASI PERMANENTI Stati Limite di Esercizio

Combinazione di carico numero	
44	

Comb.\Cond	1	2	3	10	11
44	1	1	1	0.6	0.6

## 2.4.7. Combinazioni agli Stati Limite di Danno

Combinazione di carico numero	
45	Sisma 0+ / 90+
46	Sisma 0+ / 270+
47	Sisma 0- / 90-
48	Sisma 0- / 270-
49	Sisma 90+ / 0+
50	Sisma 90+ / 180+
51	Sisma 90- / 0-
52	Sisma 90- / 180-
53	Sisma 180+ / 90+
54	Sisma 180+ / 270+
55	Sisma 180- / 90-
56	Sisma 180- / 270-
57	Sisma 270+ / 0+
58	Sisma 270+ / 180+
59	Sisma 270- / 0-
60	Sisma 270- / 180-

Comb.\Cond	1	2	20	21	22	23	24	25	26	27
45	1	1	1		0.3					
46	1	1	1						0.3	
47	1	1		1		0.3				
48	1	1		1						0.3
49	1	1	0.3		1					
50	1	1			1		0.3			
51	1	1		0.3		1				
52	1	1				1		0.3		
53	1	1			0.3		1			
54	1	1					1		0.3	
55	1	1				0.3		1		
56	1	1						1		0.3
57	1	1	0.3						1	
58	1	1					0.3		1	
59	1	1		0.3						1
60	1	1						0.3		1

## 2.4.8. Combinazioni agli Stati Limite di Operatività

Combinazione di carico numero	
61	Sisma 0+ / 90+
62	Sisma 0+ / 270+
63	Sisma 0- / 90-
64	Sisma 0- / 270-
65	Sisma 90+ / 0+
66	Sisma 90+ / 180+

## RELAZIONE SULLE FONDAZIONI

Combinazione di carico numero	
67	Sisma 90- / 0-
68	Sisma 90- / 180-
69	Sisma 180+ / 90+
70	Sisma 180+ / 270+
71	Sisma 180- / 90-
72	Sisma 180- / 270-
73	Sisma 270+ / 0+
74	Sisma 270+ / 180+
75	Sisma 270- / 0-
76	Sisma 270- / 180-

Comb.\Cond	1	2	28	29	30	31	32	33	34	35
61	1	1	1		0.3					
62	1	1	1						0.3	
63	1	1		1		0.3				
64	1	1		1						0.3
65	1	1	0.3		1					
66	1	1			1		0.3			
67	1	1		0.3		1				
68	1	1				1		0.3		
69	1	1			0.3		1			
70	1	1					1		0.3	
71	1	1				0.3		1		
72	1	1						1		0.3
73	1	1	0.3						1	
74	1	1					0.3		1	
75	1	1		0.3						1
76	1	1						0.3		1

## RELAZIONE SULLE FONDAZIONI

## 2.5. Carichi applicati agli elementi

## Convenzioni adottate

I carichi applicati vengono raccolti nella tabella riportata alla fine del paragrafo e si intendono applicati nel sistema di riferimento locale dell'elemento.

Per la lettura della tabella si definiscono:

**Nodol, Nodol**

I nodi iniziale/finale dell'asta o lato dell'elemento cui afferisce il carico

**L**

La distanza fra i suddetti nodi.

**qxi, ..., qzj**

Le componenti di un carico distribuito costante o variabile linearmente iniziali (indice i) e finale (indice j).

**xi, xj**

Le distanze, misurate a partire dal Nodol, dei punti di applicazione dei carichi qxi..qzj relativi a carichi distribuiti applicati su porzioni di un'asta.

**Px, ..., Pz xApp**

Le componenti di un Carico Concentrato applicato a distanza xApp dal Nodol.

**Mx, ..., Mz xApp**

Le componenti di una Coppia Concentrata applicata a distanza xApp dal Nodol.

**Var Termica Assiale, ..., Var Termica Farfalla 13**

Le variazioni termiche (Assiali ed a Farfalla) misurate in gradi Celsius.

**mxi, ..., mzi**

Le componenti di coppie distribuite costanti o variabili linearmente iniziali (indice i) e finale (indice j).

**qS<sub>x</sub>, qS<sub>y</sub>, qS<sub>z</sub>**

carichi, per unità di superficie, applicati su elementi superficiali o facce di elementi solidi

**Peso Proprio**

Il valore del carico derivante dal peso proprio dell'elemento

## 2.5.1. Carichi distribuiti

Elemento	Condizione di carico	Nodi	L [m]	xi [m]	qxi [kg/m]	qyi [kg/m]	qzi [kg/m]	xj [m]	qxj [kg/m]	qyj [kg/m]	qzj [kg/m]	qS <sub>x</sub> [kg/m <sup>2</sup> ]	qS <sub>y</sub> [kg/m <sup>2</sup> ]	qS <sub>z</sub> [kg/m <sup>2</sup> ]
112 74 73	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
138 112 73	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
112 138 162	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
112 162 173	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
91 130 92	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
106 143 96	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
99 142 101	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
78 137 116	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
138 73 72	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
114 137 78	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
139 80 127	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

139 81 80	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
125 102 142	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
142 102 101	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
143 132 96	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
138 72 111	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
86 85 115	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
144 115 85	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
141 85 121	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
85 141 144	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
83 126 84	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
140 126 83	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
124 121 141	11											0.0	0.0	400.0
	1											0.0	0.0	500.0
90 89 134	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
82 81 136	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
136 81 139	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
77 76 133	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
77 133 114	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
97 96 132	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
84 126 135	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
120 135 129	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
83 82 131	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
140 83 131	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
79 127 80	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
102 125 103	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
97 128 98	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
122 94 93	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
123 74 112	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
74 123 75	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

131 82 136	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
95 94 119	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
88 87 118	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
93 92 105	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
96 95 106	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
99 98 107	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
111 72 71	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
109 91 90	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
114 78 77	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
87 86 110	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
113 76 75	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
89 88 108	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
79 78 116	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
89 155 134	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
128 151 98	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
95 149 106	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
119 149 95	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
98 151 107	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
128 97 156	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
153 108 88	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
153 155 108	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
132 156 97	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
109 146 91	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
91 146 154	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
91 154 130	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
86 115 152	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
153 88 118	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
155 89 108	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

148 79 116	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
79 148 127	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
103 125 147	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
130 150 92	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
92 150 105	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
143 106 149	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
90 145 109	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
109 145 146	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
134 145 90	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
152 110 86	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
140 157 126	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
126 157 135	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
158 107 151	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
158 99 107	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
110 159 87	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
118 87 159	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
142 99 158	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
161 76 113	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
105 160 93	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
160 122 93	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
105 150 160	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
133 76 161	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
190 173 162	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
172 144 141	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
144 166 115	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
167 161 113	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
164 159 110	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
190 191 173	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

247 190 191	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
285 190 247	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
204 144 172	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
144 204 205	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
241 208 209	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
204 205 240	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
203 204 239	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
239 204 240	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
150 214 160	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
214 215 160	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
214 150 187	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
215 170 160	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
149 119 168	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
168 119 170	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
215 216 170	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
168 170 216	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
216 217 168	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
145 184 211	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
211 179 145	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
211 212 179	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
146 212 154	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
213 154 212	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
130 154 213	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
187 130 213	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
169 135 157	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

124 163 175	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
137 114 171	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
133 171 114	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
94 122 170	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
160 170 122	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
119 94 170	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
112 173 123	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
176 125 142	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
147 125 176	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
111 71 174	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
138 111 174	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
135 169 129	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
124 172 141	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
124 175 172	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
163 129 169	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
118 159 165	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
167 113 75	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
118 165 153	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
152 115 166	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
110 152 164	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
123 167 75	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
173 167 123	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
131 136 177	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
163 117 129	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
124 117 163	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
116 137 180	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
146 145 179	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
116 180 148	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

178 136 139	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
181 143 149	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
213 214 187	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
212 146 179	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
217 149 168	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
149 217 181	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
217 218 181	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
206 164 152	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
207 164 206	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
159 164 207	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
208 159 207	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
166 144 205	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
166 205 206	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
166 206 152	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
165 159 208	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
209 165 208	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
165 209 153	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
209 155 153	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
209 210 155	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
184 134 210	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
184 210 211	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
155 210 134	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
203 172 175	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
203 204 172	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
199 140 185	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
169 157 201	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
157 140 199	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
199 201 157	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

163 169 201	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
163 201 202	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
175 163 202	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
175 202 203	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
185 131 177	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
177 198 185	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
143 183 132	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
145 134 184	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
198 199 185	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
186 176 142	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
187 150 130	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
128 188 151	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
138 189 162	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
162 189 190	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
174 189 138	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
167 192 161	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
173 191 167	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
191 192 167	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
171 133 193	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
194 171 193	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
193 161 192	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
133 161 193	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
137 171 194	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
194 180 137	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
194 195 180	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
148 182 127	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
195 182 148	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
139 127 182	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

195 196 182	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
148 180 195	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
139 182 196	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
178 139 196	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
196 197 178	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
197 136 178	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
197 177 136	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
197 198 177	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
131 185 140	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
244 217 218	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
242 211 230	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
216 217 226	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
244 226 217	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
231 221 245	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
189 174 225	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
189 225 249	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
251 189 249	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
199 234 248	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
183 143 218	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
183 218 219	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
218 143 181	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
132 219 156	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
220 156 219	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
132 183 219	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
128 220 188	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

220 221 188	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
220 128 156	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
245 221 222	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
243 253 214	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
219 220 254	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
189 251 190	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
142 158 222	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
186 142 222	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
222 223 186	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
176 186 223	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
176 223 224	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
221 151 188	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
221 158 151	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
221 222 158	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
224 246 223	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
206 207 227	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
218 219 233	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
221 231 220	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
194 195 232	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
232 235 194	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
211 212 230	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
224 147 176	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
212 213 228	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
193 194 235	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
236 196 197	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
195 196 229	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
236 229 196	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
201 234 199	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
191 267 247	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
267 191 192	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
267 192 259	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
213 268 228	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
214 250 213	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
268 213 250	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
258 249 225	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
245 222 256	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
223 256 222	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
223 261 256	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
243 214 215	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
262 243 215	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
258 225 174	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
260 207 208	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

262 215 216	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
264 193 235	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
192 193 259	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
264 259 193	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
260 227 207	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
232 195 265	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
205 206 263	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
195 229 265	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
261 223 246	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
214 253 250	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
197 198 255	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
198 199 248	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
198 248 255	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
242 210 211	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
210 252 209	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
234 201 237	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
237 201 238	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
238 201 202	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
238 202 257	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
266 257 202	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
202 203 266	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
266 203 239	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
278 228 268	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
220 280 254	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
273 265 229	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
236 273 229	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
197 272 236	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
262 216 269	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
270 227 260	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
226 244 269	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
216 226 269	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
263 206 270	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
270 206 227	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
271 218 233	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
257 274 238	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
274 234 237	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
237 238 274	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
255 272 197	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
282 235 232	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
265 282 232	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
239 281 266	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
245 280 231	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
231 280 220	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
281 240 205	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
239 240 281	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
241 275 208	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
260 208 275	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
209 276 241	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
276 209 252	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
242 277 210	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
242 230 278	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
210 277 252	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
230 212 278	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
218 279 244	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
279 218 271	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
278 212 228	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

274 283 234	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
284 233 219	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
233 284 271	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
254 284 219	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
285 190 251	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
251 289 285	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
234 283 248	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
285 289 326	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
338 326 289	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
268 319 278	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
315 285 247	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
310 318 270	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
263 270 318	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
319 268 322	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
309 280 245	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
313 254 280	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
280 317 313	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
309 317 280	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
318 290 263	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
247 267 315	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

316 291 269	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
264 311 259	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
264 314 311	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
235 282 314	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
313 284 254	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
264 235 314	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
265 273 312	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
282 265 312	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
282 312 314	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
245 292 309	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
299 260 275	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
260 299 310	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
270 260 310	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
244 308 269	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
316 269 308	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
294 243 262	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
243 294 307	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
306 277 242	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
308 244 279	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
307 253 243	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
278 306 242	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
253 288 250	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
253 307 288	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
241 276 305	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
305 275 241	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
305 299 275	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
302 273 236	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
258 297 249	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
249 289 251	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
289 249 297	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
256 292 245	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
256 298 292	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
256 261 298	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
269 291 262	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
291 294 262	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
257 301 274	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
274 301 303	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
266 301 257	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
205 290 281	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
281 290 304	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
246 224 286	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
205 263 290	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
248 283 296	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
255 295 272	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
255 248 287	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
296 287 248	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
287 295 255	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
274 303 283	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
236 272 302	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
281 293 266	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
293 281 304	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
338 289 297	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
324 285 315	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
325 298 261	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
246 325 261	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
325 246 286	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
301 266 331	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
293 331 266	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
304 331 293	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
290 334 304	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
334 290 318	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
302 272 327	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
272 295 327	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
295 332 327	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
295 287 332	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
330 279 271	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
333 330 271	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
329 288 307	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
333 271 284	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
332 287 296	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
335 277 306	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
335 323 277	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
332 296 336	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
321 315 267	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
259 321 267	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
311 321 259	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

250 322 268	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
250 288 322	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
283 303 320	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
323 276 252	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
323 252 277	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
294 291 328	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
283 320 296	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
279 330 308	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
296 320 336	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
305 276 337	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
337 276 323	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
333 284 339	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
339 284 313	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
340 292 298	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
292 340 369	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
364 340 298	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
385 369 340	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
278 319 342	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
278 342 306	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
297 258 344	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
344 338 297	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
347 312 273	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
299 305 345	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
273 302 343	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
273 343 347	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
341 307 294	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
294 328 341	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
341 329 307	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
318 310 348	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
301 331 346	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
314 352 311	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
351 321 311	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
352 351 311	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
316 350 291	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
291 350 328	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
313 317 349	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
418 369 385	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
360 369 418	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

334 318 370	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
348 310 355	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
354 335 306	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
354 306 342	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
288 353 322	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
353 288 329	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
299 345 355	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
355 310 299	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
308 358 316	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
356 324 315	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
346 357 301	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
357 303 301	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
350 316 358	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
356 315 321	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
359 314 312	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
312 347 359	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
286 362 325	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
361 326 338	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
361 285 326	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
361 285 324	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
349 317 360	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
363 320 303	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
320 363 336	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
303 357 363	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
360 317 309	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
298 325 364	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
356 321 365	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
313 349 366	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
366 339 313	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
321 351 365	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
417 378 407	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
366 349 399	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
407 339 366	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
414 407 366	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
399 414 366	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
343 302 368	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
292 369 309	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
332 336 367	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

309 369 360	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
327 368 302	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
370 318 348	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
391 377 416	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
334 370 396	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
415 396 370	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
372 378 417	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
413 359 347	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
413 411 359	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
388 413 347	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
322 379 319	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
377 371 416	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
383 324 356	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
356 404 383	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
338 401 361	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
370 348 412	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
415 370 412	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
395 342 319	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
395 319 379	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

342 395 382	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
360 399 349	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
401 338 386	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
339 407 378	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
365 351 398	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
404 365 398	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
356 365 404	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
359 411 384	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
334 373 304	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
308 372 358	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
333 372 330	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
304 373 331	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
331 373 374	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
372 308 330	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
350 371 328	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
371 341 328	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
373 409 374	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
410 374 409	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
346 374 410	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

363 403 336	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
334 396 373	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
396 409 373	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
345 405 355	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
412 348 355	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
389 354 406	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
382 406 354	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
355 405 397	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
397 412 355	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
332 367 376	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
376 367 408	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
367 336 403	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
345 305 380	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
405 345 380	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
358 372 402	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
394 323 335	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
394 337 323	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
335 389 394	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
305 337 380	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
337 381 380	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
337 394 381	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
322 353 379	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
393 379 353	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
391 393 353	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
358 392 350	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
392 358 402	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
335 354 389	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
324 383 361	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
383 387 361	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
333 378 372	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
327 332 376	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
375 368 327	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
327 376 375	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
329 341 377	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
339 378 333	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
342 382 354	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
388 343 368	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
384 352 314	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
314 359 384	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
325 390 364	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
390 325 362	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
364 385 340	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
343 388 347	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
331 374 346	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
377 391 329	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
329 391 353	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
338 344 386	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
341 371 377	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
371 350 392	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
360 418 427	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
466 427 418	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
445 418 385	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
466 418 487	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
390 419 364	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
364 419 385	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
386 344 421	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
352 384 422	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
351 352 422	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
422 398 351	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
383 404 424	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
363 423 403	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
423 363 357	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
346 420 357	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
423 357 420	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
425 380 381	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
405 380 425	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
387 383 424	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
426 395 379	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
393 426 379	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
426 393 428	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
473 428 478	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
430 408 367	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
346 410 431	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
375 434 368	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
430 367 403	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
429 402 372	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
402 429 432	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
346 431 420	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
419 390 433	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
434 375 439	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
434 388 368	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
391 428 393	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
360 427 399	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
429 372 417	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
392 402 432	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
408 439 376	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
424 435 387	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
435 361 401	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
437 435 401	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
387 435 361	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
386 421 437	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
386 437 401	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
436 390 362	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
436 433 390	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
438 409 396	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
376 439 375	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
441 422 384	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
381 394 440	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
411 441 384	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
432 446 392	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
484 454 447	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
446 432 481	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
411 456 441	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
456 483 441	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
432 429 480	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
480 481 432	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
449 444 479	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
425 477 460	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
477 425 461	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
418 445 487	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
388 434 443	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
388 443 413	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
442 416 371	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
442 371 392	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

487 445 472	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
434 467 486	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
486 443 434	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
428 391 448	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
478 428 448	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
395 444 382	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
382 444 406	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
445 385 419	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
399 447 414	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
447 399 427	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
392 446 442	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
391 416 448	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
442 448 416	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
448 485 478	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
443 482 456	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
486 482 443	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
438 453 488	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
490 438 488	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
394 449 440	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
449 489 440	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
461 440 489	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
490 457 438	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
491 442 446	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
406 444 449	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
389 449 394	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
406 449 389	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
450 429 417	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
452 450 417	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
492 450 452	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
451 412 397	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
407 452 417	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
454 452 407	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
451 397 405	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
452 499 492	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
494 502 435	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
435 469 502	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
447 454 414	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
499 454 484	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
454 499 452	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
466 447 427	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
501 466 487	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
503 470 433	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
503 433 436	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
447 501 484	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
501 447 466	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
451 460 504	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
442 485 448	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
504 475 451	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
480 429 450	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
480 450 492	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
424 494 435	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
424 404 462	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
494 424 462	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
449 493 489	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
444 395 468	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
444 495 479	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
495 444 468	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
479 493 449	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
421 459 437	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
421 497 459	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
422 441 471	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
471 441 483	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
426 428 473	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
419 472 445	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
419 433 470	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
472 419 470	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
435 437 469	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
426 468 395	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
468 426 473	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
423 463 403	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
463 423 464	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
467 434 439	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
408 465 439	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
467 439 465	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
403 463 430	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
405 460 451	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

381 440 461	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
461 425 381	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
408 430 455	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
408 455 465	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
455 430 463	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
405 425 460	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
469 437 459	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
481 491 446	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
431 457 476	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
476 457 490	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
423 420 474	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
476 474 420	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
423 474 464	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
398 422 458	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
471 458 422	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
458 404 398	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
404 458 462	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
457 409 438	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
457 431 410	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

410 409 457	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
411 413 456	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
456 413 443	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
454 407 414	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
453 438 396	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
396 415 453	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
474 476 496	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
475 412 451	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
476 420 431	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
475 415 412	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
453 415 475	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
458 471 498	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
512 504 460	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
504 512 556	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
504 526 475	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
556 566 504	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
506 502 469	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
506 469 459	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
506 459 497	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
474 505 464	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
467 465 507	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
455 507 465	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
478 485 508	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
464 505 463	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
485 514 508	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
507 510 467	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
507 455 511	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
477 512 460	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
509 487 472	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
486 467 510	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
463 511 455	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
516 488 453	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
517 559 524	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
557 511 523	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
511 551 507	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
511 557 551	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
512 477 546	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
512 546 556	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
534 515 558	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
490 528 476	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
490 552 528	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
488 537 490	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
552 490 537	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
510 507 544	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
551 544 507	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
499 550 541	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
499 484 550	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
519 549 509	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
509 549 525	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
506 553 502	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
553 506 554	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
506 497 554	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
514 555 508	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
473 548 515	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
548 558 515	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
488 516 547	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
488 547 537	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
548 473 478	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

548 478 508	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
477 461 529	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
529 546 477	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
514 442 491	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
514 491 545	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
491 524 545	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
518 471 483	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
543 483 520	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
518 483 543	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
515 495 468	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
515 468 473	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
481 480 517	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
462 458 513	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
442 514 485	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
481 517 524	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
532 559 517	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
484 501 542	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
542 550 484	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
541 492 499	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
487 530 501	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
530 542 501	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
541 531 492	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
494 538 502	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
503 539 470	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
470 539 519	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
494 522 538	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
486 540 521	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
510 540 486	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
518 536 498	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
479 495 535	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
534 495 515	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
535 495 534	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
479 535 493	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
489 493 533	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
493 535 533	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
529 489 533	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
518 498 471	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
509 525 487	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
463 505 523	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
463 523 511	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
491 481 524	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
519 509 472	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
494 462 522	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
519 472 470	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
486 521 482	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
520 456 482	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
521 520 482	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
483 456 520	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
453 475 516	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
475 526 516	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
487 525 530	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
527 523 505	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
505 474 527	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
474 496 527	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
528 496 476	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
480 492 532	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

531 532 492	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
480 532 517	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
529 461 489	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
522 462 513	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
458 498 513	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
498 536 513	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
560 513 536	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
561 519 539	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
566 526 504	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
531 541 567	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
568 531 567	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
565 543 520	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
561 549 519	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
508 564 548	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
513 560 522	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
508 555 564	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
563 555 514	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
563 514 545	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
520 521 565	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
538 522 560	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
531 568 532	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
542 530 562	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
589 532 568	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
568 631 589	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
559 569 524	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
583 544 551	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
582 529 533	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
502 538 576	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
502 553 576	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
526 578 516	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
578 547 516	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
518 579 536	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
543 572 518	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
572 579 518	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
539 503 577	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
575 523 527	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
575 573 523	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
554 497 580	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

529 581 546	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
581 529 582	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
582 533 535	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
528 574 496	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
527 496 574	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
574 575 527	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
557 523 573	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
539 585 561	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
566 571 526	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
578 526 571	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
569 545 524	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
570 530 525	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
530 570 562	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
525 549 570	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
538 586 576	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
528 584 574	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
528 552 584	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
539 577 585	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
586 538 560	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
587 544 583	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
582 535 588	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
540 510 587	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
510 544 587	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
534 588 535	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
631 636 589	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
534 593 588	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
596 584 552	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
596 552 537	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
537 547 594	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
596 537 594	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
547 578 594	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
536 579 592	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
558 593 534	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
548 595 558	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
564 595 548	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
581 591 546	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
550 542 590	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
559 532 589	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
562 590 542	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
546 591 556	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
560 536 592	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
575 607 573	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
621 573 607	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
613 607 575	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
555 563 601	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
563 545 603	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
545 569 603	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
605 562 570	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
606 553 554	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
554 580 606	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
570 549 602	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
602 605 570	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
602 549 561	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
604 583 551	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
541 599 567	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
557 604 551	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
541 550 599	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
599 550 590	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
555 601 564	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
543 565 598	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
565 521 597	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
597 540 587	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
597 521 540	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
572 543 598	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
636 631 673	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
560 633 586	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
647 586 633	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
670 620 648	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
611 601 645	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
646 595 611	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
587 626 639	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
581 582 609	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
553 608 576	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
608 553 606	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
574 584 610	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
564 601 611	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

611 595 564	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
611 671 646	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
620 602 561	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
582 619 609	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
574 610 613	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
574 613 575	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
619 582 588	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
616 578 571	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
620 561 585	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
566 615 571	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
615 616 571	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
601 563 617	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
617 563 603	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
593 558 614	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
558 595 614	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
599 612 567	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
618 606 580	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
626 669 639	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
611 645 671	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

641 602 620	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
585 648 620	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
641 620 659	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
620 670 659	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
626 650 669	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
599 643 612	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
667 643 599	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
667 590 623	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
666 649 621	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
623 622 665	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
667 623 665	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
667 599 590	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
657 668 613	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
607 666 621	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
666 607 668	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
607 613 668	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
638 632 594	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
639 629 587	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
578 616 638	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
578 638 594	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
559 636 569	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
559 589 636	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
594 632 634	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
637 588 593	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
637 619 588	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
635 593 614	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
637 593 635	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
594 634 596	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
631 568 640	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
636 642 569	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
644 602 641	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
567 640 568	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
642 603 569	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
605 644 622	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
605 602 644	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
640 567 612	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
643 640 612	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
617 645 601	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
595 646 614	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
585 577 648	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
621 649 604	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
650 604 649	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
586 647 576	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
647 576 608	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
627 572 598	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
598 651 627	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
583 650 626	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
583 604 650	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
652 610 584	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
596 652 584	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
652 596 634	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
579 624 592	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
654 592 624	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
580 656 618	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
653 603 642	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
617 603 653	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
560 654 633	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
591 628 655	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
592 654 560	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
619 663 609	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
657 610 652	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
610 657 613	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
616 661 638	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
637 663 619	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
627 624 579	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
562 623 590	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
562 605 622	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
623 562 622	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
573 621 557	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
604 557 621	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
624 627 664	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
581 609 628	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
572 627 579	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
591 581 628	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
626 587 583	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
630 598 565	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
651 598 630	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
630 565 597	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
587 629 597	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
591 625 556	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
566 625 615	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
566 556 625	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
630 660 651	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
660 597 629	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
630 597 660	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
634 632 662	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
625 658 615	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
616 615 658	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
658 661 616	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
625 591 655	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
647 608 606	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
640 673 631	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
673 640 676	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
635 672 637	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
673 728 687	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
712 728 673	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
675 665 622	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
675 726 665	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
675 622 644	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
674 654 624	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
624 664 674	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
726 675 698	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
727 680 663	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
679 618 656	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
679 606 618	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
655 628 677	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
680 677 628	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
680 609 663	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
629 639 678	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
680 628 609	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
660 629 678	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
606 679 647	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
662 681 634	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
634 681 652	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

706 737 695	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
633 714 647	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
647 714 715	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
716 670 648	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
717 646 671	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
682 617 653	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
682 653 684	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
671 645 682	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
617 682 645	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
719 711 682	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
656 718 679	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
719 682 684	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
664 627 683	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
651 683 627	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
689 684 653	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
722 719 684	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
671 711 717	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
726 705 665	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
718 720 679	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
722 684 689	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
668 721 666	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
721 668 707	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
678 723 660	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
680 724 677	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
727 724 680	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
710 649 666	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
666 721 710	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
716 708 670	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
663 702 727	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
661 685 638	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
685 661 709	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
674 730 691	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
732 730 674	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
729 681 662	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
681 706 652	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
706 681 725	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
725 681 729	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
685 729 662	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

664 732 674	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
685 632 638	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
685 662 632	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
667 686 643	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
643 686 690	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
686 667 705	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
686 705 731	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
733 686 731	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
733 690 686	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
636 673 687	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
614 646 688	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
636 687 642	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
689 642 687	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
689 653 642	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
643 690 640	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
688 635 614	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
733 712 690	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
732 664 683	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
735 697 660	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
691 654 674	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
688 646 717	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
654 691 693	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
691 730 736	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
697 651 660	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
660 723 735	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
693 633 654	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
639 669 692	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
639 692 678	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
633 693 714	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
714 693 736	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
691 736 693	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
707 695 737	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
656 734 718	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
655 677 704	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
625 655 701	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
655 704 701	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
644 698 675	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
644 641 698	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
641 659 696	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
698 641 696	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
683 651 697	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
667 665 705	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
650 649 703	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
650 699 669	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
650 703 699	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
702 663 637	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
657 652 706	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
695 668 657	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
657 706 695	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
635 688 694	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
637 672 702	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
659 708 696	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
701 658 625	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
709 658 701	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
649 710 703	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
670 708 659	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
668 695 707	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
712 673 676	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
640 690 676	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
690 712 676	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
658 709 661	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
635 694 672	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
694 713 672	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
702 672 713	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
671 682 711	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
647 679 715	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
715 679 720	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
699 738 669	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
738 692 669	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
699 748 738	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
793 738 748	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
721 794 786	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
740 687 728	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
740 689 687	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
709 741 685	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
795 745 782	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
797 740 764	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
751 796 789	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
739 796 751	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
788 796 739	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
724 747 677	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
683 745 732	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
783 801 750	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
801 756 750	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
737 799 768	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
707 768 721	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
721 755 710	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
721 768 794	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
740 728 764	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
799 794 768	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
791 756 801	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
732 745 795	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
795 798 732	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
722 740 778	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
722 802 783	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
694 739 713	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
797 778 740	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
802 722 778	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
688 717 742	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
723 678 744	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
744 678 692	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
748 699 703	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
748 703 755	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
708 743 696	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
701 704 746	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
677 747 704	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
683 697 745	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
697 735 745	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
747 746 704	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
688 739 694	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
739 688 742	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
741 729 685	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
689 740 722	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

805 755 786	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
755 805 748	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
805 793 748	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
803 749 787	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
749 803 770	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
771 762 804	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
747 724 769	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
809 747 769	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
714 736 754	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
692 762 744	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
698 758 726	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
729 763 725	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
728 712 764	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
692 738 762	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
712 733 761	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
759 727 751	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
760 743 708	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
724 727 759	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
753 708 716	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
708 753 760	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
754 715 714	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
711 719 750	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
756 717 711	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
705 757 731	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
705 726 757	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
755 703 710	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
751 727 702	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
751 702 713	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
751 713 739	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
750 756 711	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
709 701 749	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
749 701 746	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
715 720 752	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
737 706 767	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
741 709 770	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
749 770 709	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
744 771 723	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
723 771 772	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
771 744 762	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
724 759 769	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
696 743 766	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
766 698 696	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
766 758 698	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
765 706 725	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
767 706 765	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
768 707 737	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
725 763 765	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
771 804 812	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
776 811 764	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
746 747 809	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
779 757 806	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
808 777 734	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
797 764 811	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
771 812 772	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
767 799 737	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
754 784 715	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
754 792 784	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
759 751 789	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
790 759 789	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
759 790 769	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
783 719 722	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
726 758 780	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
779 733 731	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
723 772 735	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
782 735 772	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
735 782 745	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
750 719 783	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
741 781 729	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
781 763 729	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
761 733 779	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
753 785 760	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
784 715 752	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
716 785 753	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
787 749 746	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
786 755 721	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
739 742 788	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
741 770 781	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
752 720 777	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
712 776 764	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
777 720 718	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
718 734 777	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
774 792 754	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
732 773 730	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
732 798 773	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
775 717 756	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
775 756 791	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
775 742 717	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
788 742 775	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
761 776 712	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
736 774 754	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
736 730 774	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
773 774 730	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
779 731 757	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
780 757 726	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
778 816 802	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
818 776 761	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
817 804 762	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
793 817 738	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
814 763 781	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
813 752 777	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
752 813 784	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
815 769 790	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
769 815 809	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
776 818 811	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
813 777 808	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
797 816 778	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
817 762 738	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
761 779 818	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
757 780 806	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
780 820 806	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
823 820 780	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
763 819 765	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
814 819 763	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
774 810 792	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
823 853 820	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

822 772 812	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
823 889 853	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
852 825 833	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
820 848 806	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
820 853 848	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
808 851 813	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
844 816 797	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
844 797 811	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
847 812 804	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
847 850 812	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
822 812 850	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
786 846 805	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
817 847 804	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
843 801 783	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
770 803 838	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
838 803 849	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
845 817 793	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
846 786 794	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
843 783 802	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

845 793 805	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
794 799 842	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
842 846 794	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
848 832 806	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
803 787 840	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
849 803 840	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
791 801 841	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
843 841 801	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
792 825 784	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
825 792 833	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
819 821 765	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
823 758 766	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
780 758 823	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
824 746 809	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
746 824 787	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
772 822 782	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
821 767 765	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
821 799 767	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
784 813 825	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

785 826 760	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
826 827 760	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
781 828 814	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
827 766 743	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
827 743 760	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
823 766 807	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
766 827 807	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
781 770 828	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
838 828 770	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
834 789 796	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
789 834 839	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
840 787 824	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
790 839 835	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
839 790 789	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
818 779 832	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
795 782 829	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
810 833 792	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
832 779 806	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
788 830 796	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
796 830 834	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
810 774 831	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
831 774 773	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
798 831 773	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
837 775 791	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
790 835 815	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
829 782 836	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
782 822 836	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
837 788 775	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
830 788 837	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
926 853 889	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
854 798 795	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
854 795 829	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
831 798 854	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
826 785 859	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
814 856 819	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
858 825 852	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
810 831 855	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
828 856 814	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
857 818 832	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
859 878 826	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
861 817 845	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
825 860 858	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
860 825 813	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
851 860 813	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
861 847 817	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
889 960 926	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
897 847 861	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
834 830 862	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
805 864 845	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
867 802 816	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
805 846 864	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
837 791 865	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
866 819 856	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
821 819 866	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
815 835 863	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
816 844 867	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
841 865 791	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

869 852 833	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
833 810 869	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
811 818 868	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
869 810 855	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
868 818 857	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
868 844 811	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
838 870 828	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
862 874 834	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
830 882 862	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
802 867 873	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
828 870 856	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
799 821 871	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
802 873 843	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
881 843 873	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
842 799 871	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
836 872 829	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
836 822 875	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
836 875 877	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
872 836 877	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
824 876 840	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
880 876 824	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
880 824 809	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
879 832 848	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
879 857 832	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
865 882 837	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
830 837 882	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
831 883 855	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
822 850 875	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
809 815 880	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
839 834 874	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
826 878 827	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
850 847 884	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
875 850 884	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
881 841 843	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
854 829 872	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
854 883 831	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
960 991 926	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
897 932 884	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
869 891 852	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
885 807 827	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
827 886 885	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
807 885 823	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
887 835 839	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
839 874 887	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
878 886 827	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
940 897 933	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
932 897 940	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
931 875 884	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
884 939 931	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
884 932 939	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
872 930 854	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
930 872 941	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
872 916 941	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
855 921 869	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
929 869 921	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
933 897 861	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

933 861 899	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
905 835 887	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
887 934 905	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
934 887 935	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
891 869 929	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
930 901 854	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
874 935 887	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
867 890 937	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
890 938 937	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
936 896 881	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
875 931 914	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
882 922 862	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
925 893 876	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
880 925 876	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
856 906 866	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
821 866 903	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
866 906 924	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
924 903 866	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
895 853 926	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
886 920 885	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
920 886 927	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
878 927 886	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
878 928 927	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
859 928 878	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
883 918 855	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
921 855 918	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
904 935 874	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
862 922 904	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
905 888 863	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
923 888 905	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
912 873 867	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
844 890 867	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
912 867 937	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
889 823 885	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
890 910 938	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
896 909 865	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
919 889 885	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
920 919 885	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
870 917 856	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
916 872 877	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
914 877 875	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
877 914 916	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
906 856 917	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
902 838 849	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
911 838 902	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
842 894 846	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
894 913 846	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
913 864 846	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
879 895 915	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
860 898 858	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
898 860 908	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
851 908 860	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
910 890 868	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
857 910 868	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
864 907 845	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
913 907 864	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
911 870 838	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

905 863 835	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
845 899 861	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
899 845 907	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
909 882 865	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
862 904 874	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
893 902 849	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
821 903 871	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
901 918 883	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
815 888 880	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
815 863 888	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
858 852 891	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
868 890 844	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
896 865 841	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
893 849 840	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
848 853 895	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
879 848 895	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
842 871 894	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
876 893 840	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
881 896 841	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
884 847 897	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
883 854 901	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
851 808 892	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
851 892 908	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
932 945 939	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
942 873 912	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
936 881 942	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
881 873 942	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
908 892 943	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
879 915 952	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
950 915 895	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
907 913 956	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
902 893 954	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
913 894 955	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
950 895 926	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
945 932 940	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
944 888 923	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
946 891 929	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
858 891 946	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
880 944 925	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
944 880 888	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
898 908 946	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
946 858 898	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
882 948 922	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
894 871 953	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
910 857 952	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
952 857 879	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
948 882 909	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
951 948 909	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
936 951 896	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
951 909 896	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
870 911 949	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
870 949 917	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
894 953 955	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
903 953 871	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
924 953 903	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
927 928 957	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
928 859 947	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
957 928 947	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
904 958 935	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
904 922 958	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
959 905 934	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
959 923 905	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
925 962 893	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
960 889 919	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
961 949 911	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
893 962 954	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
902 961 911	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
961 902 954	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1009 1053 995	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
977 1005 970	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
991 960 1004	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
968 1004 960	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
967 956 1007	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
963 901 930	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
964 912 937	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
963 918 901	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
964 1008 973	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
915 965 952	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
965 915 969	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
969 1006 965	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1001 1007 956	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
996 1003 954	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
954 1003 961	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
987 961 1003	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
971 958 998	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
988 998 922	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
958 922 998	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
971 959 934	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
999 959 971	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1001 956 980	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
972 959 999	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
953 924 994	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
938 966 995	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
938 995 937	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
975 994 924	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

979 914 931	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
914 979 993	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
926 991 950	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
993 916 914	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
941 916 985	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
993 985 916	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
944 972 992	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
925 944 992	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
997 925 992	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
996 954 962	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
997 996 962	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
925 997 962	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
991 969 950	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
990 930 941	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
990 941 985	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
921 918 989	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
922 948 988	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
948 951 988	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
936 942 986	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
936 986 983	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
987 917 949	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
987 949 961	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
978 906 917	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
978 917 987	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
973 942 912	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
986 942 973	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
921 989 974	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
930 990 963	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
989 918 963	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
990 1002 963	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
913 955 980	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
980 956 913	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
984 939 945	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
931 939 984	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
981 920 927	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
892 982 943	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
936 983 951	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
970 984 945	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
984 979 931	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
919 920 968	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
981 968 920	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
967 933 899	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
933 967 977	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
977 970 933	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
927 957 981	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
995 966 1009	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
964 937 995	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
906 975 924	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
906 978 975	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
943 976 908	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
976 943 982	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
976 946 908	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
915 950 969	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
940 933 970	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
929 921 974	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
940 970 945	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
971 934 935	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
972 944 923	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
923 959 972	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
958 971 935	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
964 973 912	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
967 899 907	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
956 967 907	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
968 960 919	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
966 910 952	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
910 966 938	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1009 966 1022	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1009 1062 1053	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
981 1013 1033	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1012 946 976	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
957 947 1013	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1013 981 957	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1010 980 955	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1010 955 953	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
953 994 1010	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1012 976 1011	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1008 1040 973	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
1008 964 1017	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1048 1040 1008	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
998 988 1039	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1035 1003 996	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1014 1039 988	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1040 986 973	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1029 983 986	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1029 986 1040	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
999 971 1021	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1037 999 1021	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1002 1038 1024	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1036 990 985	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1036 1002 990	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1038 1002 1036	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
997 1034 996	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
996 1034 1035	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1030 1034 997	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
981 1033 1020	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
980 1032 1001	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1010 1032 980	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
969 991 1031	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1031 1006 969	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1014 983 1029	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
997 992 1030	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1003 1027 987	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1021 971 998	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1015 974 1023	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1022 966 952	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
965 1022 952	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
989 1023 974	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1024 1023 989	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
965 1006 1022	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1002 1024 963	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1024 989 963	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
984 970 1025	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
984 1025 1026	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
984 1026 979	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

970 1005 1025	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1026 993 979	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1004 968 1028	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1027 978 987	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
946 929 1015	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
946 1015 1012	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1016 977 967	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1016 1005 977	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1016 967 1007	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
974 1015 929	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
988 951 1014	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1014 951 983	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
995 1017 964	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
994 975 1018	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
975 978 1018	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1019 976 982	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1011 976 1019	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
968 981 1020	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1028 968 1020	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1041 1030 992	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
991 1043 1031	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1004 1043 991	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1042 993 1026	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1042 985 993	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1041 972 999	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1041 999 1037	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1041 992 972	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1112 1053 1062	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1061 1043 1004	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1025 1005 1055	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1055 1060 1025	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1060 1026 1025	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1029 1059 1014	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1019 982 1058	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1028 1061 1004	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1006 1052 1022	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1062 1022 1052	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1062 1009 1022	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1053 1017 995	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
978 1050 1018	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1027 1050 978	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1050 1027 1051	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1006 1031 1052	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1008 1017 1048	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1007 1001 1049	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1001 1032 1049	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1055 1005 1016	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
985 1054 1036	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1045 1010 994	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1056 1010 1045	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1003 1035 1057	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1027 1003 1051	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1051 1003 1057	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1042 1054 985	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1112 1062 1126	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1075 1042 1026	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1077 1012 1015	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

1077 1015 1023	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1060 1075 1026	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1076 1040 1048	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1078 1036 1054	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1036 1078 1072	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1064 1037 1021	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1037 1064 1079	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1041 1037 1079	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1079 1084 1041	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1031 1043 1073	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1017 1053 1067	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1018 1063 1045	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1063 1018 1050	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1044 1064 1021	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1065 1039 1014	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1017 1067 1048	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1059 1065 1014	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1066 1020 1033	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1020 1066 1071	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
1030 1068 1034	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1007 1049 1069	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1055 1016 1069	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1007 1069 1016	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1066 1033 1074	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1010 1056 1070	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1010 1070 1032	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1038 1036 1072	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1020 1071 1028	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1071 1061 1028	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1011 1019 1047	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1058 1047 1019	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1023 1024 1046	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1011 1047 1012	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1045 994 1018	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1044 1021 998	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1039 1044 998	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1024 1038 1046	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1084 1079 1125	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1075 1083 1042	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1127 1083 1075	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1023 1082 1077	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1033 1013 1081	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1042 1083 1054	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1078 1054 1083	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1023 1046 1082	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1077 1080 1012	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1080 1012 1047	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1033 1081 1074	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1083 1127 1117	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1075 1113 1127	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1062 1091 1126	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1121 1047 1089	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1050 1051 1087	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1084 1030 1041	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1085 1082 1046	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1031 1088 1052	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1072 1085 1038	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1046 1038 1085	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
1061 1086 1043	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1068 1030 1084	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1031 1073 1088	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1086 1073 1043	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1047 1058 1089	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1050 1087 1102	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1090 1087 1051	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1045 1063 1093	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1093 1063 1102	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1055 1099 1060	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1055 1101 1099	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1044 1103 1064	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1104 1103 1044	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1069 1101 1055	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1069 1049 1098	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1101 1069 1098	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1050 1102 1063	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1070 1056 1095	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1070 1095 1096	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
1045 1093 1094	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1094 1056 1045	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1095 1056 1094	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1032 1097 1049	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1098 1049 1097	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1096 1032 1070	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1097 1032 1096	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1091 1062 1052	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1088 1091 1052	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1034 1092 1035	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1057 1035 1092	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1034 1068 1092	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1057 1090 1051	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1090 1057 1092	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1039 1104 1044	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1104 1039 1105	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1107 1065 1059	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1107 1059 1108	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1065 1105 1039	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1065 1107 1105	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1048 1067 1109	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1111 1109 1067	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1076 1048 1109	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1040 1076 1108	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1109 1108 1076	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1029 1040 1108	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1108 1059 1029	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1053 1111 1067	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1112 1111 1053	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1154 1127 1182	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1129 1112 1111	2											0.0	0.0	-110.0
	10											0.0	0.0	-300.0
	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1114 1130 1086	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1128 1082 1085	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1128 1119 1082	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1143 1081 1152	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1131 1125 1079	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1131 1064 1103	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
1131 1079 1064	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1058 1132 1089	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1137 1089 1132	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1128 1085 1134	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1121 1089 1137	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1087 1133 1102	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1087 1139 1133	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1115 1134 1085	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1108 1135 1118	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1107 1135 1108	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1138 1135 1107	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1136 1105 1104	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1103 1136 1104	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1107 1106 1138	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1087 1090 1139	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1109 1108 1118	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1113 1060 1099	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1073 1116 1088	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1119 1077 1082	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1078 1083 1117	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1072 1115 1085	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1114 1061 1071	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
1113 1075 1060	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1061 1114 1086	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1119 1080 1077	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1128 1141 1119	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1099 1140 1113	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1140 1127 1113	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1143 1074 1081	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1120 1066 1074	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1074 1143 1120	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1142 1090 1092	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1123 1078 1117	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1072 1123 1115	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1072 1078 1123	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1068 1084 1124	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1084 1125 1124	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1066 1120 1071	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1120 1114 1071	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1092 1068 1122	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1068 1124 1122	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1047 1121 1080	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1153 1130 1114	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1125 1131 1150	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1114 1120 1153	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1141 1151 1119	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1091 1148 1126	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1118 1145 1109	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1073 1147 1116	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1080 1119 1151	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1151 1080 1121	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1151 1121 1137	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1142 1092 1149	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1148 1088 1116	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1091 1088 1148	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1147 1073 1086	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1106 1105 1146	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1138 1106 1146	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1147 1086 1130	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1144 1110 1109	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1144 1109 1145	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1144 1111 1110	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

1144 1129 1111	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1122 1149 1092	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1127 1154 1117	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1103 1155 1136	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1131 1103 1155	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1105 1136 1156	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1105 1156 1146	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1140 1160 1127	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1140 1099 1164	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1117 1154 1163	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1165 1102 1133	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1166 1139 1090	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1170 1139 1166	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1123 1117 1163	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1090 1142 1166	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1162 1125 1150	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1125 1162 1124	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1135 1138 1161	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1158 1122 1124	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1162 1158 1124	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1126 1159 1112	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1143 1157 1120	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1120 1157 1153	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1158 1149 1122	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1136 1180 1156	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1183 1137 1169	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1127 1160 1182	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1183 1151 1137	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1151 1183 1184	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1181 1142 1149	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1166 1142 1181	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1180 1136 1155	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1128 1177 1141	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1171 1128 1134	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1128 1171 1177	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1143 1152 1176	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1175 1126 1148	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1126 1175 1178	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1159 1126 1178	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1131 1155 1179	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1179 1150 1131	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
1172 1116 1147	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1116 1172 1148	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1168 1134 1115	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1168 1171 1134	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1161 1173 1135	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1118 1135 1173	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1173 1174 1118	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1139 1170 1133	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1133 1170 1165	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1168 1123 1163	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1115 1123 1168	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1129 1144 1167	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1137 1132 1169	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1112 1159 1167	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1174 1145 1118	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1183 1215 1184	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1157 1143 1188	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1188 1143 1176	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1189 1172 1147	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1191 1140 1164	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1191 1160 1140	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
1160 1191 1194	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1160 1194 1182	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1147 1130 1189	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1189 1130 1190	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1170 1166 1195	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1186 1162 1150	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1186 1203 1162	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1190 1130 1153	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1153 1204 1190	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1149 1158 1193	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1193 1158 1196	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1156 1197 1146	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1156 1199 1197	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1197 1185 1146	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1204 1157 1188	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1144 1145 1187	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1144 1192 1167	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1144 1198 1192	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1175 1148 1201	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1148 1172 1201	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1196 1158 1162	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1196 1162 1203	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1204 1153 1157	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1205 1179 1155	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1180 1155 1205	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1180 1199 1156	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1132 1202 1169	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1169 1202 1183	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1144 1187 1198	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1179 1186 1150	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1138 1185 1161	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1185 1138 1146	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1187 1145 1174	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1193 1181 1149	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1173 1208 1174	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1212 1151 1184	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1215 1212 1184	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1209 1151 1141	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1212 1151 1209	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1188 1176 1210	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1210 1176 1213	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1213 1176 1152	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1211 1172 1189	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
1141 1177 1209	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1207 1171 1168	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1154 1206 1163	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1206 1154 1182	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1215 1234 1243	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1206 1216 1163	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1217 1161 1185	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1168 1163 1216	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1217 1173 1161	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1217 1208 1173	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1168 1216 1207	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1166 1220 1195	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1218 1179 1205	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1231 1180 1205	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1271 1243 1234	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1185 1236 1217	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1301 1243 1271	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1216 1259 1247	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1212 1209 1260	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1216 1206 1259	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1263 1259 1206	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

1263 1206 1223	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1223 1240 1263	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1250 1218 1262	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1262 1218 1205	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1231 1205 1262	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1238 1208 1261	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1261 1208 1248	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1239 1196 1203	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1196 1230 1193	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1196 1239 1258	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1258 1230 1196	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1260 1209 1228	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1264 1232 1233	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1236 1248 1217	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1255 1219 1237	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1253 1219 1255	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1257 1220 1214	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1211 1256 1237	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1246 1256 1211	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1227 1218 1250	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

1248 1208 1217	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1224 1170 1195	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1195 1249 1224	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1249 1195 1220	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1189 1251 1246	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1190 1251 1189	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1252 1226 1198	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1254 1252 1198	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1254 1198 1187	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1219 1175 1201	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1179 1218 1186	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1219 1178 1175	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1226 1219 1253	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1190 1204 1232	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1251 1190 1232	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1247 1207 1216	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1221 1191 1164	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1170 1222 1165	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1170 1224 1222	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1166 1181 1220	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

1181 1214 1220	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1222 1224 1242	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1227 1239 1203	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1244 1215 1243	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1229 1194 1191	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1241 1229 1191	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1191 1221 1241	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1194 1223 1182	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1240 1194 1229	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1223 1194 1240	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1188 1210 1245	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1233 1188 1245	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1189 1246 1211	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1215 1244 1212	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1225 1185 1197	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1236 1185 1225	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1223 1206 1182	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1204 1233 1232	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1180 1231 1199	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1231 1197 1199	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1183 1234 1215	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

1188 1233 1204	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1234 1183 1202	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1228 1209 1177	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1219 1226 1178	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1226 1167 1159	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1226 1192 1198	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1226 1159 1178	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1226 1167 1192	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1186 1227 1203	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1218 1227 1186	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1177 1171 1228	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1228 1207 1235	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1174 1208 1238	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1237 1219 1201	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1238 1187 1174	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1187 1238 1254	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1201 1172 1211	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1211 1237 1201	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1228 1171 1207	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1214 1181 1193	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1230 1214 1193	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
1257 1214 1230	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1207 1247 1266	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1241 1269 1229	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1268 1224 1249	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1265 1225 1197	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1265 1267 1225	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1265 1197 1231	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1267 1236 1225	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1266 1235 1207	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1224 1268 1242	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1323 1301 1271	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1233 1276 1264	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1269 1274 1229	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1280 1269 1241	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1280 1295 1269	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1287 1235 1266	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1297 1266 1247	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1297 1309 1266	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1297 1259 1303	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1227 1250 1270	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

1239 1227 1270	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1273 1248 1236	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1275 1245 1210	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1275 1276 1245	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1276 1233 1245	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1275 1210 1213	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1275 1213 1278	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1260 1277 1212	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1279 1226 1252	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1229 1274 1240	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1277 1212 1244	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1267 1273 1236	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1221 1280 1241	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1260 1228 1287	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1257 1286 1220	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1286 1249 1220	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1287 1228 1235	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1285 1232 1264	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1285 1251 1232	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1262 1284 1231	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1281 1222 1242	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1283 1250 1262	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1265 1231 1284	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1202 1271 1234	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1230 1258 1272	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1277 1244 1243	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1242 1268 1281	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1268 1296 1281	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1294 1253 1255	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1237 1291 1255	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1294 1255 1291	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1226 1253 1279	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1294 1279 1253	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1288 1239 1270	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1297 1247 1259	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1274 1292 1240	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1240 1292 1263	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1293 1279 1252	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1293 1252 1254	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1238 1290 1254	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1293 1254 1290	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1282 1237 1256	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1237 1282 1291	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1289 1282 1256	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1256 1246 1289	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1246 1251 1289	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1285 1289 1251	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1288 1258 1239	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1290 1238 1261	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1257 1230 1272	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1297 1328 1309	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1297 1329 1328	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1329 1297 1303	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1292 1303 1263	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1270 1302 1288	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1259 1263 1303	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1250 1302 1270	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1250 1283 1302	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1298 1286 1257	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1248 1299 1261	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1299 1248 1273	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

1272 1298 1257	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1330 1329 1303	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1313 1260 1287	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1266 1309 1287	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1243 1310 1277	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1295 1307 1269	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1314 1307 1295	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1280 1311 1295	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1295 1311 1314	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1277 1260 1313	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1310 1243 1301	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1312 1281 1296	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1308 1296 1268	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1307 1292 1274	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1307 1274 1269	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1308 1268 1249	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1249 1286 1308	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1288 1305 1258	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1267 1265 1306	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1267 1304 1273	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

1304 1267 1306	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1305 1272 1258	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1306 1265 1284	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1354 1319 1320	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1320 1355 1354	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1332 1307 1314	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1314 1333 1332	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1326 1325 1313	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1287 1326 1313	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1327 1326 1287	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1292 1307 1331	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1332 1331 1307	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1292 1330 1303	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1292 1331 1330	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1333 1314 1311	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1312 1296 1315	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1315 1334 1312	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1308 1315 1296	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1334 1315 1335	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1278 1355 1320	2											0.0	0.0	110.0

## RELAZIONE SULLE FONDAZIONI

	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1318 1285 1264	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1319 1318 1264	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1317 1279 1293	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1317 1279 1294	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1316 1283 1262	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1262 1316 1284	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1353 1318 1319	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1319 1264 1276	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1319 1276 1275	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1319 1275 1320	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1354 1353 1319	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1294 1291 1351	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1302 1340 1288	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1340 1302 1341	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1313 1325 1277	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1308 1335 1315	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1336 1335 1308	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1352 1285 1318	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1352 1318 1353	2											0.0	0.0	110.0
	10											0.0	0.0	300.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	750.0
1317 1293 1348	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1348 1349 1317	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1317 1350 1349	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1317 1294 1350	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1294 1351 1350	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1320 1275 1278	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1291 1282 1321	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1351 1291 1321	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1282 1289 1321	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1321 1352 1351	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1272 1305 1338	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1339 1338 1305	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1287 1309 1327	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1327 1309 1328	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1305 1288 1339	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1288 1340 1339	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1321 1289 1352	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1298 1337 1286	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1338 1337 1298	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0

## RELAZIONE SULLE FONDAZIONI

1272 1338 1298	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1336 1308 1286	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1336 1286 1337	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1283 1341 1302	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1352 1289 1285	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1344 1304 1306	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1304 1344 1345	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1284 1316 1343	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1341 1283 1316	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1316 1342 1341	2											0.0	0.0	110.0
	10											0.0	0.0	300.0
	1											0.0	0.0	750.0
1316 1342 1343	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1347 1293 1290	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1347 1348 1293	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1290 1261 1322	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1347 1290 1322	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1261 1299 1322	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1322 1299 1346	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1347 1322 1346	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1343 1306 1284	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1306 1343 1344	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1299 1273 1345	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1299 1345 1346	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1345 1273 1304	10											0.0	0.0	-300.0
	1											0.0	0.0	-500.0
1310 1325 1277	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1324 1310 1301	11											0.0	0.0	-400.0

## RELAZIONE SULLE FONDAZIONI

	1											0.0	0.0	-500.0
1310 1324 1325	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1323 1324 1301	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1585 1582 1599	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
135 84 1583	1											0.0	0.0	500.0
129 1583 117	1											0.0	0.0	500.0
120 135 1583	1											0.0	0.0	500.0
129 120 1583	1											0.0	0.0	500.0
1584 85 121	1											0.0	0.0	500.0
121 124 1584	11											0.0	0.0	400.0
	1											0.0	0.0	500.0
1585 1599 1607	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
6 1593 4	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
6 4 1598	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1576 1592 1591	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1589 1590 1578	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1587 1579 1588	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
117 1583 1586	11											0.0	0.0	400.0
	1											0.0	0.0	500.0
1586 1584 124	11											0.0	0.0	400.0
	1											0.0	0.0	500.0
1586 124 117	11											0.0	0.0	400.0
	1											0.0	0.0	500.0
1591 1592 1593	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1595 1594 5	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1594 1595 1	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1596 1597 1598	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1598 1597 6	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1572 1581 1604	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1592 1576 1603	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1602 1601 1576	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1601 1603 1576	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1600 1601 1602	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1605 1606 1575	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1609 1608 1625	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

1625 1632 1609	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1632 1640 1609	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1577 1609 1640	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1623 1603 1601	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1603 1641 1592	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1641 1603 1642	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1599 1615 1607	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1615 1618 1607	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1574 1613 1614	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1613 1574 1615	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1616 1617 1605	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1610 1611 1612	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1572 1604 1611	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1612 1611 1604	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1582 1615 1599	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1578 1590 1624	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1624 1625 1578	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1618 1615 1574	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1619 1602 1620	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1613 1621 1573	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1573 1621 1582	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1593 6 1622	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1608 1609 1577	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1612 1577 1610	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1613 1615 1621	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1582 1621 1615	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1597 1622 6	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1576 1622 1602	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

1593 1622 1591	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1576 1591 1622	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1602 1597 1620	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1597 1602 1622	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1579 1600 1619	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1600 1602 1619	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1616 1605 1575	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1626 1627 1628	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1626 1628 1643	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1588 1644 1587	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1643 1616 1645	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1575 1606 1642	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1626 1634 1627	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1626 1646 1634	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1647 1595 5	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1596 1595 1647	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1607 1618 1638	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1618 1639 1638	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1585 1607 1633	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1648 1607 1638	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1638 1577 1648	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1577 1640 1610	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1633 1648 1612	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1648 1633 1607	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1614 1630 1574	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1574 1630 1639	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1636 1588 1579	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1636 1649 1588	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

1588 1649 1594	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1649 1636 1620	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1647 1649 1620	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
5 1594 1649	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1574 1639 1618	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1617 1616 1650	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1630 1605 1617	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1639 1630 1617	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1639 1617 1650	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1638 1608 1577	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1625 1628 1578	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1637 1628 1625	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1627 1589 1578	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1628 1627 1578	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1637 1643 1628	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1605 1630 1631	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1633 1604 1581	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1635 1590 1589	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1590 1632 1624	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1625 1624 1632	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1637 1625 1608	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1637 1608 1638	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1631 1606 1605	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1579 1587 1629	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1587 1635 1629	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1589 1634 1629	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1589 1629 1635	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1581 1585 1633	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

1627 1634 1589	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1600 1579 1634	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1629 1634 1579	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1631 1630 1614	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1619 1620 1636	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1579 1619 1636	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1633 1612 1604	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1637 1638 1639	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1643 1637 1650	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1639 1650 1637	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1640 1611 1610	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1647 1597 1596	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1 1644 1594	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1594 1644 1588	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1646 1623 1601	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1642 1603 1623	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1645 1642 1623	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1646 1645 1623	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1641 1642 1606	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1642 1645 1575	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1650 1616 1643	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1577 1612 1648	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1649 1647 5	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1597 1647 1620	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1646 1601 1600	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1634 1646 1600	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1643 1645 1626	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0
1645 1646 1626	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

1575 1645 1616	11											0.0	0.0	-400.0
	1											0.0	0.0	-500.0

## RELAZIONE SULLE FONDAZIONI

## 3. DATI DI OUTPUT DEL MODELLO STRUTTURALE

## 3.1. Pali o gruppi di pali di fondazione

## Convenzioni adottate

I *pali* o *gruppo di pali* di fondazione vengono schematizzati nel codice di calcolo assimilandoli ad un elemento boundary, agente nel nodo definito dall'operatore, ed in grado di reagire lungo le sei componenti di spostamento possibili per il nodo.

La matrice di rigidezza dell'elemento *palo* o *gruppo di pali* risulta pertanto essere così composta:

	$U_x$	$U_y$	$U_z$	$R_x$	$R_y$	$R_z$
$U_x$	$K_{UxUx}$	$K_{UxUy}$	$K_{UxUz}$	$K_{UxRx}$	$K_{UxRy}$	$K_{UxRz}$
$U_y$		$K_{UyUy}$	$K_{UyUz}$	$K_{UyRx}$	$K_{UyRy}$	$K_{UyRz}$
$U_z$			$K_{UzUz}$	$K_{UzRx}$	$K_{UzRy}$	$K_{UzRz}$
$R_x$				$K_{RxRx}$	$K_{RxRy}$	$K_{RxRz}$
$R_y$		sim.			$K_{RyRy}$	$K_{RyRz}$
$R_z$						$K_{RzRz}$

Tale matrice può essere definita direttamente dall'operatore ovvero calcolata con l'ausilio del programma **Pali**.

In ogni caso il codice di calcolo si limita ad assemblare tale matrice, assumendo che la stessa sia già definita nel sistema di riferimento globale, ed a ottenere le sei componenti di sollecitazioni ad essa associate.

Tale matrice è riferita ad una terna di riferimento **destrorsa**.

Nodo	Comb.	$T_x$ [kg]	$T_y$ [kg]	$N$ [kg]	$M_x$ [kgm]	$M_y$ [kgm]	$M_z$ [kgm]
236	1	303.2	-842.8	-49191.0	-4373.0	-1505.7	13.9
	2	283.8	-462.2	-45693.3	-3147.5	-1277.7	7.8
	3	234.0	-347.3	-44785.7	-2808.4	-1148.5	5.7
	4	197.5	-349.0	-45531.5	-2984.2	-1130.9	9.9
	5	243.0	-365.0	-46760.7	-3230.8	-1289.7	14.4
	6	160.0	-238.7	-44826.5	-2639.6	-1065.0	8.8
	7	189.3	-443.4	-46520.8	-3322.0	-1166.6	11.4
	8	243.8	-762.8	-49550.3	-4249.4	-1316.9	7.6
	9	175.8	-374.2	-48447.8	-2639.7	-1146.3	9.4
	10	2031.6	-1361.3	-29968.3	-4400.5	-3408.6	84.7
	11	2084.4	-2206.2	-31372.2	-5608.2	-3833.6	91.0
	12	1553.2	-615.9	-28869.2	-3777.7	-2854.9	-41.2
	13	1606.1	-1460.8	-30273.1	-4985.4	-3279.9	-34.9
	14	1001.5	-328.3	-27477.6	-2923.8	-1234.0	86.3
	15	6.4	-246.1	-26623.0	-2669.5	222.4	71.9
	16	138.2	514.1	-26090.0	-1843.2	-639.4	-91.1
	17	-856.9	596.2	-25235.4	-1588.9	817.1	-105.6
	18	-1285.4	-1087.6	-27119.5	-3552.8	1446.3	36.6
	19	-1232.6	-1932.5	-28523.4	-4760.5	1021.3	42.9
	20	-1763.7	-342.2	-26020.5	-2930.1	2000.0	-89.2
	21	-1710.9	-1187.1	-27424.4	-4137.7	1575.0	-82.9
	22	1177.6	-3144.7	-32157.3	-6949.3	-2650.7	107.3
	23	182.5	-3062.5	-31302.7	-6695.0	-1194.2	92.9
	24	314.2	-2302.3	-30769.7	-5868.8	-2056.0	-70.1
	25	-680.8	-2220.2	-29915.1	-5614.5	-599.5	-84.6
	26	223.5	-731.8	-36620.2	-3484.5	-1126.0	9.4
	27	210.6	-478.1	-34288.4	-2667.5	-974.0	5.3

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	28	177.4	-401.4	-33683.3	-2441.5	-887.9	3.9
	29	153.0	-402.6	-34180.5	-2558.7	-876.2	6.7
	30	183.4	-413.2	-35000.0	-2723.1	-982.0	9.7
	31	128.1	-329.0	-33710.5	-2329.0	-832.2	6.0
	32	147.6	-465.5	-34840.1	-2783.9	-900.0	7.7
	33	183.9	-678.4	-36859.7	-3402.2	-1000.1	5.2
	34	138.6	-419.3	-36124.7	-2329.0	-886.4	6.4
	35	154.3	-1430.7	-36483.2	-4660.6	-1033.4	0.7
	36	263.8	-1727.8	-39278.0	-5620.5	-1361.9	5.4
	37	247.2	-1689.5	-38975.4	-5507.5	-1318.8	4.7
	38	235.0	-1690.1	-39224.0	-5566.1	-1313.0	6.1
	39	250.2	-1695.4	-39633.8	-5648.3	-1365.9	7.6
	40	222.5	-1653.3	-38989.0	-5451.2	-1291.0	5.8
	41	232.2	-1721.5	-39553.8	-5678.7	-1324.9	6.6
	42	247.8	-1803.2	-40209.3	-5893.0	-1363.8	5.5
	43	232.7	-1716.9	-39964.4	-5535.3	-1325.9	5.9
	44	242.6	-1753.7	-39500.8	-5703.2	-1341.6	5.8
	45	716.5	-1301.6	-29110.6	-4308.1	-1734.8	29.3
	46	796.1	-1586.6	-29585.0	-4715.3	-1877.9	31.4
	47	623.0	-1058.4	-28749.2	-3943.2	-1556.3	-13.0
	48	702.6	-1343.4	-29223.5	-4350.4	-1699.4	-10.9
	49	232.6	-951.6	-28273.2	-3809.7	-1014.7	30.0
	50	-97.0	-922.6	-27990.8	-3773.6	-534.5	25.0
	51	152.3	-675.7	-27820.7	-3407.0	-822.2	-30.3
	52	-177.3	-646.8	-27538.2	-3370.9	-342.0	-35.3
	53	-382.0	-1205.0	-28169.1	-4187.8	-134.2	12.6
	54	-302.3	-1490.0	-28643.5	-4595.1	-277.2	14.7
	55	-475.5	-961.8	-27807.7	-3822.9	44.3	-29.7
	56	-395.9	-1246.9	-28282.0	-4230.2	-98.8	-27.6
	57	497.9	-1901.7	-29854.5	-5167.3	-1491.6	37.0
	58	168.4	-1872.7	-29572.0	-5131.2	-1011.4	32.1
	59	417.6	-1625.9	-29401.9	-4764.6	-1299.1	-23.3
	60	88.1	-1596.9	-29119.5	-4728.5	-818.9	-28.3
	61	923.3	-1309.5	-29215.1	-4321.7	-1932.2	35.0
	62	944.9	-1653.8	-29787.4	-4813.9	-2105.4	37.6
	63	727.9	-1006.9	-28766.1	-4066.1	-1705.6	-16.2
	64	749.5	-1351.2	-29338.3	-4558.3	-1878.8	-13.6
	65	503.3	-888.8	-28200.0	-3720.8	-1046.2	35.7
	66	97.6	-855.1	-27851.8	-3618.3	-452.9	29.8
	67	151.2	-545.5	-27633.4	-3279.3	-803.2	-36.6
	68	-254.5	-511.8	-27285.2	-3176.8	-210.0	-42.5
	69	-428.8	-1197.2	-28054.3	-3979.9	45.2	15.4
	70	-407.3	-1541.6	-28626.6	-4472.1	-128.0	17.9
	71	-624.2	-894.6	-27605.3	-3724.3	271.9	-35.8
	72	-602.6	-1239.0	-28177.5	-4216.5	98.6	-33.3
	73	575.1	-2036.7	-30107.5	-5361.4	-1623.6	44.2
	74	169.5	-2003.0	-29759.2	-5258.9	-1030.4	38.3
	75	223.0	-1693.3	-29540.9	-4920.0	-1380.6	-28.0
	76	-182.6	-1659.6	-29192.6	-4817.4	-787.4	-33.9
240	1	-1055.1	-1275.4	-38399.3	-6046.1	3455.7	12.3
	2	-996.9	-1225.8	-37818.0	-5975.5	3404.0	7.4
	3	-1023.6	-1198.9	-37673.3	-5938.1	3449.6	5.5
	4	-1068.4	-1109.6	-37835.2	-5819.5	3497.3	9.9
	5	-1054.0	-995.0	-38120.0	-5629.6	3452.1	14.6

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	6	-1102.1	-1073.9	-37783.8	-5736.8	3549.3	9.0
	7	-1094.2	-1108.9	-37991.0	-5822.8	3524.2	10.9
	8	-1111.1	-1521.7	-40910.1	-7053.8	3631.3	5.9
	9	-1222.6	-1166.4	-39285.4	-5587.3	3969.3	9.8
	10	1277.6	-943.1	-21807.5	-3906.8	-928.1	79.9
	11	1282.6	-1731.7	-21670.0	-5010.1	-909.1	82.9
	12	858.8	-858.9	-21839.7	-3735.3	-331.7	-44.7
	13	863.9	-1647.5	-21702.2	-4838.6	-312.6	-41.6
	14	274.9	-146.5	-21777.0	-2899.3	524.4	85.3
	15	-730.6	-213.0	-21602.5	-3119.3	2018.6	71.8
	16	-496.3	29.2	-21784.1	-2681.7	1657.9	-88.7
	17	-1501.8	-37.3	-21609.6	-2901.6	3152.1	-102.1
	18	-2074.0	-1164.8	-21226.0	-4640.0	4052.6	35.0
	19	-2069.0	-1953.3	-21088.4	-5743.3	4071.7	38.1
	20	-2492.7	-1080.6	-21258.2	-4468.5	4649.1	-89.5
	21	-2487.7	-1869.1	-21120.7	-5571.8	4668.1	-86.5
	22	291.6	-2775.0	-21318.6	-6576.9	587.9	95.5
	23	-713.8	-2841.5	-21144.1	-6796.9	2082.2	82.1
	24	-479.6	-2599.3	-21325.7	-6359.3	1721.4	-78.4
	25	-1485.0	-2665.8	-21151.2	-6579.3	3215.6	-91.9
	26	-784.1	-1037.8	-28461.4	-4662.6	2553.1	7.8
	27	-745.3	-1004.7	-28073.9	-4615.5	2518.7	4.5
	28	-763.1	-986.8	-27977.4	-4590.7	2549.1	3.2
	29	-793.0	-927.2	-28085.4	-4511.6	2580.9	6.2
	30	-783.4	-850.8	-28275.2	-4385.0	2550.7	9.3
	31	-815.4	-903.4	-28051.1	-4456.4	2615.5	5.5
	32	-810.1	-926.8	-28189.2	-4513.8	2598.8	6.8
	33	-821.4	-1201.9	-30135.3	-5334.4	2670.2	3.5
	34	-895.8	-965.1	-29052.1	-4356.8	2895.5	6.1
	35	-853.3	-1689.7	-27366.0	-5590.2	2639.8	-3.6
	36	-810.2	-1721.3	-27827.4	-5623.4	2551.3	0.4
	37	-819.1	-1712.3	-27779.1	-5611.0	2566.5	-0.3
	38	-834.0	-1682.5	-27833.1	-5571.4	2582.4	1.2
	39	-829.2	-1644.3	-27928.0	-5508.1	2567.3	2.8
	40	-845.2	-1670.6	-27816.0	-5543.8	2599.7	0.9
	41	-842.6	-1682.3	-27885.0	-5572.5	2591.4	1.5
	42	-843.9	-1788.7	-28527.1	-5866.4	2613.2	0.1
	43	-868.7	-1709.7	-28166.0	-5540.5	2688.3	1.0
	44	-835.2	-1726.3	-27865.1	-5633.4	2585.5	0.7
	45	18.5	-1251.2	-21407.4	-4471.8	943.9	24.9
	46	20.4	-1516.8	-21365.6	-4843.2	1049.3	25.9
	47	-116.9	-1224.7	-21567.8	-4414.7	1037.3	-16.8
	48	-115.1	-1490.3	-21526.1	-4786.1	1142.8	-15.8
	49	-312.6	-981.0	-21509.5	-4122.6	1423.4	26.8
	50	-646.7	-1002.2	-21508.0	-4188.8	1919.4	22.1
	51	-569.5	-924.6	-21559.4	-4051.8	1469.0	-32.2
	52	-903.6	-945.8	-21557.8	-4118.0	1965.0	-36.9
	53	-1095.1	-1321.9	-21402.1	-4692.5	2597.2	9.2
	54	-1093.2	-1587.6	-21360.4	-5063.9	2702.7	10.2
	55	-1230.5	-1295.4	-21562.6	-4635.4	2690.7	-32.5
	56	-1228.7	-1561.1	-21520.8	-5006.8	2796.1	-31.4
	57	-306.5	-1866.4	-21370.4	-5360.6	1775.0	30.3
	58	-640.6	-1887.6	-21368.8	-5426.8	2271.0	25.6
	59	-563.4	-1810.1	-21420.2	-5289.8	1820.6	-28.7

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	60	-897.5	-1831.3	-21418.7	-5356.0	2316.6	-33.4
	61	162.9	-1217.9	-21601.0	-4402.8	728.7	30.6
	62	165.0	-1539.3	-21545.2	-4852.4	736.5	31.8
	63	-8.0	-1183.5	-21613.0	-4332.5	972.3	-20.1
	64	-6.0	-1504.9	-21557.2	-4782.2	980.1	-18.8
	65	-246.1	-892.9	-21590.1	-3990.3	1321.2	32.8
	66	-656.3	-919.8	-21521.1	-4078.4	1930.5	27.3
	67	-560.7	-821.1	-21593.0	-3901.3	1783.5	-38.0
	68	-970.8	-848.0	-21524.0	-3989.4	2392.8	-43.5
	69	-1204.1	-1307.4	-21371.0	-4696.4	2759.9	12.2
	70	-1202.1	-1628.8	-21315.2	-5146.1	2767.7	13.5
	71	-1375.1	-1272.9	-21383.0	-4626.1	3003.5	-38.4
	72	-1373.1	-1594.3	-21327.2	-5075.8	3011.3	-37.2
	73	-239.3	-1964.3	-21404.2	-5489.2	1347.2	37.0
	74	-649.5	-1991.1	-21335.2	-5577.3	1956.5	31.4
	75	-553.9	-1892.5	-21407.1	-5400.2	1809.5	-33.9
	76	-964.0	-1919.3	-21338.1	-5488.3	2418.8	-39.4
242	1	479.7	-321.8	-53847.1	-2649.5	-2138.3	16.0
	2	537.2	-58.9	-50728.4	-1767.2	-2183.9	12.0
	3	507.4	19.5	-49941.9	-1525.7	-2126.9	10.1
	4	457.2	72.8	-50615.5	-1578.8	-2059.2	14.3
	5	468.2	116.0	-51581.4	-1690.2	-2091.7	18.6
	6	419.4	149.8	-49836.3	-1336.8	-1991.9	13.3
	7	430.7	9.7	-51544.1	-1818.5	-2030.9	14.9
	8	507.5	-351.1	-54799.6	-2814.7	-2266.6	11.1
	9	424.5	107.8	-54006.5	-1001.3	-2032.2	13.5
	10	2091.1	-485.9	-30341.6	-2656.4	-3859.6	85.9
	11	2112.1	-1215.5	-31298.7	-3549.1	-3904.3	88.4
	12	1659.1	-767.0	-30754.8	-3065.5	-3223.6	-40.3
	13	1680.1	-1496.5	-31711.9	-3958.3	-3268.2	-37.7
	14	1087.5	366.1	-29277.7	-1609.6	-2409.1	91.9
	15	97.0	334.5	-29312.6	-1642.5	-989.4	77.1
	16	302.6	9.8	-29666.7	-2105.9	-1257.3	-86.9
	17	-687.9	-21.8	-29701.6	-2138.8	162.4	-101.7
	18	-1210.6	-591.1	-30457.7	-2766.0	872.6	36.4
	19	-1189.6	-1320.7	-31414.8	-3658.8	828.0	39.0
	20	-1642.6	-872.1	-30870.9	-3175.2	1508.7	-89.7
	21	-1621.6	-1601.7	-31828.0	-4067.9	1464.0	-87.2
	22	1157.5	-2065.8	-32468.0	-4585.5	-2558.0	100.5
	23	167.0	-2097.4	-32502.9	-4618.4	-1138.3	85.6
	24	372.6	-2422.1	-32857.1	-5081.8	-1406.2	-78.3
	25	-617.9	-2453.7	-32891.9	-5114.7	13.5	-93.2
	26	351.1	-353.7	-40042.7	-2214.6	-1585.3	10.6
	27	389.4	-178.4	-37963.6	-1626.4	-1615.6	7.9
	28	369.6	-126.2	-37439.2	-1465.4	-1577.6	6.7
	29	336.1	-90.6	-37888.3	-1500.9	-1532.5	9.5
	30	343.5	-61.8	-38532.2	-1575.1	-1554.2	12.3
	31	310.9	-39.3	-37368.8	-1339.5	-1487.6	8.8
	32	318.5	-132.7	-38507.4	-1660.7	-1513.7	9.8
	33	369.7	-373.2	-40677.7	-2324.7	-1670.8	7.3
	34	314.3	-67.3	-40149.0	-1115.8	-1514.5	8.9
	35	259.2	-1120.1	-39887.3	-3446.0	-1423.5	-0.6
	36	307.4	-1323.7	-42341.3	-4135.7	-1532.3	2.8
	37	297.5	-1297.6	-42079.1	-4055.2	-1513.3	2.2

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	38	280.8	-1279.8	-42303.6	-4072.9	-1490.7	3.6
	39	284.4	-1265.4	-42625.6	-4110.0	-1501.6	5.0
	40	268.2	-1254.1	-42043.9	-3992.2	-1468.3	3.2
	41	271.9	-1300.8	-42613.2	-4152.8	-1481.3	3.8
	42	292.1	-1394.7	-43315.2	-4388.4	-1538.2	2.7
	43	273.7	-1292.8	-43139.0	-3985.5	-1486.1	3.2
	44	281.3	-1342.0	-42549.0	-4195.6	-1494.8	3.0
	45	848.8	-855.0	-30835.8	-3124.0	-2077.6	28.7
	46	855.8	-1101.3	-31159.0	-3425.1	-2092.2	29.6
	47	708.7	-949.0	-30907.9	-3258.7	-1870.8	-13.8
	48	715.7	-1195.2	-31231.1	-3559.8	-1885.5	-12.9
	49	518.1	-568.2	-30475.4	-2771.5	-1600.4	30.9
	50	189.6	-579.4	-30506.2	-2783.7	-1130.2	25.7
	51	256.7	-687.4	-30586.1	-2936.9	-1216.5	-30.0
	52	-71.8	-698.7	-30616.9	-2949.0	-746.3	-35.1
	53	-246.1	-892.4	-30938.5	-3164.5	-510.1	11.6
	54	-239.2	-1138.6	-31261.8	-3465.6	-524.8	12.5
	55	-386.3	-986.3	-31010.6	-3299.2	-303.4	-30.9
	56	-379.3	-1232.6	-31333.8	-3600.3	-318.0	-30.0
	57	541.4	-1389.0	-31552.7	-3775.3	-1649.3	33.8
	58	212.9	-1400.2	-31583.6	-3787.4	-1179.1	28.7
	59	279.9	-1508.2	-31663.4	-3940.6	-1265.4	-27.0
	60	-48.6	-1519.4	-31694.3	-3952.8	-795.2	-32.1
	61	991.8	-816.5	-30782.2	-3074.8	-2283.2	34.6
	62	1000.4	-1113.9	-31172.4	-3438.7	-2301.4	35.6
	63	815.4	-930.7	-30949.3	-3240.6	-2023.3	-16.7
	64	824.0	-1228.1	-31339.4	-3604.5	-2041.5	-15.7
	65	582.5	-469.2	-30348.3	-2647.9	-1691.7	37.1
	66	178.6	-482.1	-30362.7	-2661.4	-1112.9	31.0
	67	262.4	-614.3	-30506.5	-2850.0	-1221.9	-35.8
	68	-141.5	-627.3	-30520.9	-2863.5	-643.2	-41.8
	69	-354.4	-859.6	-30830.2	-3119.8	-354.1	14.4
	70	-345.8	-1156.9	-31220.4	-3483.7	-372.3	15.5
	71	-530.9	-973.7	-30997.3	-3285.6	-94.2	-36.9
	72	-522.3	-1271.1	-31387.4	-3649.5	-112.4	-35.9
	73	611.1	-1460.4	-31648.7	-3860.8	-1752.4	40.5
	74	207.2	-1473.3	-31663.1	-3874.3	-1173.7	34.5
	75	290.9	-1605.5	-31806.9	-4062.9	-1282.7	-32.3
	76	-113.0	-1618.4	-31821.3	-4076.4	-703.9	-38.3
244	1	104.0	62.8	-52439.8	-1390.4	-752.8	22.3
	2	144.1	213.8	-50098.3	-870.5	-733.3	17.3
	3	109.5	260.6	-49510.3	-724.3	-658.5	15.2
	4	63.2	356.2	-49982.3	-664.7	-605.3	19.6
	5	80.1	450.7	-50667.6	-633.7	-658.9	24.3
	6	19.7	404.6	-49396.0	-514.8	-517.2	18.3
	7	42.0	324.1	-50679.2	-799.4	-596.6	20.5
	8	78.2	-49.5	-53993.9	-1802.5	-683.5	17.0
	9	28.9	411.4	-53247.9	-5.2	-572.6	18.8
	10	1913.2	35.6	-28901.3	-1528.4	-3191.7	91.0
	11	1932.3	-725.3	-29858.3	-2475.5	-3233.4	92.6
	12	1477.9	-699.5	-29599.8	-2560.9	-2548.2	-35.8
	13	1497.0	-1460.4	-30556.7	-3508.0	-2589.8	-34.3
	14	893.9	909.7	-27918.8	-404.1	-1683.5	98.1
	15	-114.0	832.4	-28127.9	-459.7	-205.8	82.9

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	16	101.3	21.8	-28837.1	-1605.1	-511.4	-82.0
	17	-906.6	-55.5	-29046.1	-1660.7	966.2	-97.2
	18	-1446.2	-221.9	-29598.1	-1713.7	1733.8	40.4
	19	-1427.1	-982.8	-30555.0	-2660.8	1692.2	42.0
	20	-1881.5	-957.0	-30296.5	-2746.2	2377.4	-86.4
	21	-1862.5	-1717.9	-31253.5	-3693.3	2335.7	-84.8
	22	957.3	-1626.8	-31108.7	-3561.0	-1822.3	103.3
	23	-50.5	-1704.1	-31317.7	-3616.6	-344.6	88.2
	24	164.7	-2514.7	-32026.9	-4762.0	-650.2	-76.7
	25	-843.1	-2591.9	-32235.9	-4817.6	827.4	-91.9
	26	72.7	-70.3	-38970.2	-1275.0	-559.0	15.3
	27	99.4	30.4	-37409.2	-928.5	-545.9	12.0
	28	76.4	61.6	-37017.2	-831.0	-496.1	10.6
	29	45.5	125.3	-37331.9	-791.3	-460.6	13.5
	30	56.8	188.3	-37788.7	-770.6	-496.3	16.6
	31	16.5	157.6	-36941.0	-691.3	-401.8	12.6
	32	31.4	103.9	-37796.4	-881.1	-454.8	14.1
	33	55.5	-145.2	-40006.3	-1549.8	-512.8	11.8
	34	22.6	162.1	-39508.9	-351.6	-438.8	13.0
	35	-5.3	-871.5	-38710.2	-2524.6	-451.0	3.9
	36	57.6	-986.1	-40546.7	-2929.4	-614.2	8.1
	37	46.1	-970.5	-40350.6	-2880.7	-589.3	7.4
	38	30.7	-938.6	-40508.0	-2860.8	-571.6	8.9
	39	36.3	-907.2	-40736.4	-2850.5	-589.4	10.4
	40	16.2	-922.5	-40312.5	-2810.8	-542.2	8.4
	41	23.6	-949.3	-40740.3	-2905.7	-568.6	9.2
	42	34.6	-1048.3	-41464.8	-3148.4	-591.9	8.1
	43	23.7	-945.9	-41299.0	-2749.0	-567.2	8.5
	44	32.5	-997.2	-40704.1	-2965.0	-580.3	8.4
	45	650.1	-544.1	-29681.6	-2243.2	-1342.3	32.9
	46	656.4	-802.2	-30005.9	-2564.7	-1356.0	33.5
	47	509.0	-789.7	-29915.6	-2588.5	-1133.7	-9.8
	48	515.3	-1047.8	-30239.9	-2910.0	-1147.4	-9.3
	49	314.0	-250.4	-29349.8	-1866.1	-845.4	35.4
	50	-20.4	-277.6	-29419.8	-1886.6	-355.3	30.2
	51	50.0	-544.2	-29653.9	-2263.4	-455.1	-25.9
	52	-284.4	-571.3	-29723.9	-2284.0	35.0	-31.1
	53	-464.6	-634.5	-29914.8	-2311.7	291.3	15.5
	54	-458.2	-892.6	-30239.1	-2633.1	277.6	16.0
	55	-605.7	-880.0	-30148.9	-2657.0	500.0	-27.3
	56	-599.3	-1138.2	-30473.2	-2978.5	486.3	-26.7
	57	335.1	-1111.0	-30430.9	-2937.7	-891.1	37.3
	58	0.7	-1138.1	-30500.8	-2958.3	-401.0	32.1
	59	71.2	-1404.7	-30735.0	-3335.0	-500.8	-24.0
	60	-263.2	-1431.8	-30805.0	-3355.6	-10.7	-29.2
	61	795.4	-484.0	-29598.0	-2170.1	-1555.2	38.9
	62	803.1	-794.1	-29988.0	-2556.1	-1572.1	39.5
	63	617.6	-783.1	-29882.8	-2590.1	-1292.3	-12.7
	64	625.3	-1093.2	-30272.9	-2976.0	-1309.3	-12.1
	65	379.6	-127.5	-29197.5	-1711.5	-940.0	41.8
	66	-31.4	-159.1	-29282.7	-1734.1	-337.4	35.6
	67	56.3	-489.6	-29572.1	-2201.2	-461.9	-31.5
	68	-354.7	-521.1	-29657.3	-2223.8	140.6	-37.7
	69	-574.6	-589.1	-29881.9	-2245.7	453.3	18.3

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	70	-566.8	-899.2	-30271.9	-2631.6	436.3	18.9
	71	-752.4	-888.2	-30166.8	-2665.6	716.1	-33.4
	72	-744.6	-1198.3	-30556.8	-3051.5	699.1	-32.7
	73	405.4	-1161.2	-30497.5	-2997.9	-996.6	43.9
	74	-5.5	-1192.7	-30582.7	-3020.5	-394.1	37.7
	75	82.2	-1523.2	-30872.1	-3487.6	-518.6	-29.4
	76	-328.8	-1554.7	-30957.3	-3510.2	83.9	-35.6
246	1	3125.8	480.3	-33408.0	-66.1	-11780.7	26.6
	2	3129.9	344.2	-31645.2	-565.8	-11626.5	25.5
	3	3092.8	315.1	-31186.4	-680.9	-11541.9	24.3
	4	3060.1	502.6	-31466.9	-324.9	-11538.3	27.9
	5	3083.9	714.2	-31931.2	93.5	-11618.6	31.4
	6	3015.9	478.7	-31002.4	-430.7	-11446.9	27.5
	7	3050.6	553.6	-31986.5	-159.0	-11573.9	27.6
	8	3273.7	202.8	-34109.7	-1046.9	-12340.6	25.8
	9	3225.4	497.1	-33661.9	128.7	-12236.6	25.8
	10	3083.3	683.3	-19380.5	-9.5	-7374.1	96.3
	11	3098.2	-171.0	-20654.7	-1139.9	-7490.2	96.6
	12	2766.9	-523.1	-20109.5	-1761.9	-7253.4	-31.5
	13	2781.8	-1377.4	-21383.7	-2892.3	-7369.5	-31.2
	14	2321.6	1621.3	-17053.8	1307.9	-6599.9	103.5
	15	1570.2	1498.7	-16638.0	1240.4	-6056.7	86.7
	16	1740.7	245.9	-18493.1	-599.0	-6489.3	-78.8
	17	989.3	123.2	-18077.3	-666.5	-5946.1	-95.6
	18	578.7	274.5	-17994.5	-234.5	-5563.5	40.2
	19	593.6	-579.7	-19268.7	-1364.9	-5679.6	40.5
	20	262.3	-931.9	-18723.5	-1986.9	-5442.8	-87.6
	21	277.2	-1786.1	-19997.7	-3117.3	-5558.9	-87.3
	22	2371.3	-1226.1	-21300.9	-2460.3	-6986.9	104.6
	23	1619.9	-1348.7	-20885.1	-2527.8	-6443.7	87.8
	24	1790.3	-2601.6	-22740.2	-4367.2	-6876.2	-77.7
	25	1038.9	-2724.2	-22324.4	-4434.7	-6333.1	-94.5
	26	2307.9	246.7	-24897.2	-252.5	-8716.0	18.3
	27	2310.6	155.9	-23722.0	-585.6	-8613.2	17.6
	28	2285.9	136.6	-23416.1	-662.4	-8556.8	16.8
	29	2264.1	261.5	-23603.1	-425.0	-8554.4	19.2
	30	2279.9	402.6	-23912.7	-146.1	-8607.9	21.5
	31	2234.6	245.6	-23293.5	-495.6	-8493.5	18.9
	32	2257.8	295.5	-23949.5	-314.4	-8578.2	19.0
	33	2406.5	61.7	-25365.0	-906.4	-9089.2	17.8
	34	2374.3	257.9	-25066.5	-122.7	-9019.9	17.8
	35	2168.8	-568.4	-25162.3	-1430.5	-8384.6	5.6
	36	2245.8	-456.0	-26578.7	-1033.5	-8602.4	6.8
	37	2233.4	-465.7	-26425.8	-1071.8	-8574.2	6.4
	38	2222.5	-403.2	-26519.3	-953.1	-8573.0	7.6
	39	2230.4	-332.7	-26674.1	-813.7	-8599.7	8.8
	40	2207.8	-411.2	-26364.5	-988.4	-8542.5	7.5
	41	2219.3	-386.2	-26692.5	-897.8	-8584.8	7.5
	42	2271.3	-484.9	-27163.2	-1129.6	-8756.8	6.9
	43	2260.5	-419.5	-27063.7	-868.3	-8733.7	6.9
	44	2226.4	-448.2	-26689.2	-1001.1	-8589.7	6.8
	45	2144.2	-132.7	-19594.4	-1558.0	-6764.1	35.6
	46	2149.2	-424.4	-20027.4	-1944.3	-6802.7	35.7
	47	2041.7	-535.0	-19824.9	-1620.3	-6725.8	-7.4

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	48	2046.7	-826.7	-20257.9	-2006.7	-6764.4	-7.3
	49	1893.2	182.1	-18802.6	-750.4	-6509.3	38.2
	50	1644.1	139.0	-18660.3	-619.0	-6330.7	32.4
	51	1699.9	-269.6	-19274.5	-1219.9	-6473.7	-23.9
	52	1450.8	-312.6	-19132.3	-1088.6	-6295.0	-29.7
	53	1313.9	-276.2	-19120.3	-1120.1	-6168.6	16.3
	54	1318.8	-567.9	-19553.3	-1506.5	-6207.2	16.4
	55	1211.4	-678.5	-19350.8	-1182.5	-6130.3	-26.7
	56	1216.3	-970.2	-19783.8	-1568.8	-6168.9	-26.6
	57	1909.7	-790.2	-20245.9	-2038.2	-6638.0	38.7
	58	1660.6	-833.3	-20103.7	-1906.9	-6459.3	32.9
	59	1716.4	-1241.9	-20717.9	-2507.8	-6602.3	-23.4
	60	1467.3	-1284.9	-20575.6	-2376.4	-6423.7	-29.2
	61	2252.4	-48.5	-19562.8	-930.9	-6836.1	41.9
	62	2258.5	-396.5	-20082.0	-1391.4	-6883.4	42.0
	63	2123.2	-539.5	-19860.8	-1643.9	-6786.6	-10.1
	64	2129.3	-887.6	-20380.0	-2104.5	-6833.9	-10.0
	65	1941.8	334.1	-18614.7	-393.3	-6520.8	44.8
	66	1635.4	284.1	-18445.4	-420.7	-6299.7	38.0
	67	1704.8	-226.9	-19202.1	-1171.0	-6475.6	-29.4
	68	1398.5	-276.9	-19032.7	-1198.5	-6254.4	-36.3
	69	1231.2	-215.3	-18998.2	-1022.3	-6099.0	19.0
	70	1237.3	-563.3	-19517.4	-1482.9	-6146.4	19.1
	71	1102.0	-706.4	-19296.2	-1735.4	-6049.5	-33.0
	72	1108.1	-1054.4	-19815.4	-2196.0	-6096.8	-32.9
	73	1962.0	-825.9	-20345.5	-1928.4	-6678.5	45.3
	74	1655.7	-876.0	-20176.1	-1955.8	-6457.4	38.4
	75	1725.1	-1387.0	-20932.8	-2706.1	-6633.3	-29.0
	76	1418.7	-1437.0	-20763.5	-2733.6	-6412.2	-35.8
247	1	-939.4	84.8	-36126.7	-843.5	3046.1	18.8
	2	-873.2	231.8	-33772.4	-519.6	2962.4	13.4
	3	-896.2	288.1	-33191.5	-412.8	2993.6	11.4
	4	-943.4	332.3	-33721.3	-381.6	3050.6	16.0
	5	-919.3	408.0	-34943.7	-253.4	2969.7	20.7
	6	-947.2	417.5	-33910.2	-136.6	2994.2	15.2
	7	-977.3	298.6	-34248.5	-487.8	3108.4	17.1
	8	-1171.0	61.0	-35574.3	-1151.4	3868.4	13.0
	9	-776.0	327.1	-37425.4	31.9	2341.7	15.6
	10	1059.5	-987.5	-18004.8	-2401.6	-124.6	82.4
	11	1069.5	-1899.6	-18978.7	-3729.3	-116.0	87.2
	12	649.0	158.2	-17337.0	-766.1	448.3	-41.4
	13	659.0	-753.9	-18311.0	-2093.8	457.0	-36.5
	14	74.6	154.6	-17657.2	-740.1	1260.5	86.8
	15	-906.9	302.8	-18206.5	-523.3	2670.4	73.9
	16	-679.6	1490.3	-16694.0	1176.4	2332.8	-87.2
	17	-1661.1	1638.6	-17243.3	1393.3	3742.7	-100.1
	18	-2212.1	-493.4	-19835.9	-1678.7	4575.0	39.4
	19	-2202.1	-1405.5	-20809.8	-3006.4	4583.6	44.3
	20	-2622.5	652.3	-19168.1	-43.2	5147.9	-84.3
	21	-2612.5	-259.8	-20142.0	-1370.9	5156.5	-79.4
	22	108.0	-2885.9	-20903.6	-5165.8	1289.2	103.0
	23	-873.4	-2737.6	-21452.9	-4948.9	2699.1	90.1
	24	-646.2	-1550.1	-19940.3	-3249.2	2361.5	-71.0
	25	-1627.6	-1401.9	-20489.7	-3032.4	3771.4	-83.8

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	26	-729.8	-26.6	-26627.6	-813.8	2366.2	12.7
	27	-685.7	71.4	-25058.1	-597.9	2310.4	9.1
	28	-701.0	108.9	-24670.8	-526.7	2331.2	7.8
	29	-732.4	138.4	-25024.0	-505.9	2369.2	10.9
	30	-716.4	188.8	-25838.9	-420.4	2315.2	14.0
	31	-735.0	195.2	-25149.9	-342.5	2331.6	10.3
	32	-755.1	115.9	-25375.5	-576.7	2407.7	11.6
	33	-884.2	-42.5	-26259.3	-1019.1	2914.4	8.9
	34	-620.9	134.9	-27493.4	-230.3	1896.6	10.6
	35	-847.0	-672.3	-25507.5	-1882.2	2635.1	2.0
	36	-815.1	-785.5	-27318.6	-2133.4	2589.1	6.1
	37	-822.8	-766.7	-27124.9	-2097.8	2599.5	5.4
	38	-838.5	-752.0	-27301.5	-2087.4	2618.5	7.0
	39	-830.5	-726.8	-27709.0	-2044.7	2591.5	8.5
	40	-839.8	-723.6	-27364.5	-2005.7	2599.7	6.7
	41	-849.8	-763.2	-27477.2	-2122.8	2637.8	7.4
	42	-889.5	-826.9	-27774.5	-2281.3	2801.2	6.2
	43	-801.7	-767.8	-28185.9	-2018.3	2461.9	6.7
	44	-839.5	-795.9	-27485.2	-2155.9	2621.3	6.5
	45	-168.8	-744.3	-18711.2	-2057.3	1641.7	28.9
	46	-165.4	-1053.0	-19040.4	-2506.7	1644.2	30.6
	47	-301.7	-364.7	-18492.6	-1514.2	1827.1	-12.7
	48	-298.3	-673.4	-18821.7	-1963.6	1829.6	-11.1
	49	-493.8	-354.4	-18591.6	-1489.9	2099.0	30.6
	50	-819.5	-303.3	-18775.8	-1415.3	2567.2	26.1
	51	-744.9	84.9	-18274.0	-859.2	2456.4	-28.6
	52	-1070.7	136.1	-18458.2	-784.7	2924.6	-33.1
	53	-1254.8	-573.9	-19325.2	-1808.9	3202.4	14.0
	54	-1251.4	-882.6	-19654.3	-2258.3	3204.8	15.6
	55	-1387.6	-194.3	-19106.5	-1265.8	3387.7	-27.6
	56	-1384.2	-502.9	-19435.6	-1715.2	3390.2	-26.0
	57	-482.3	-1383.4	-19688.6	-2987.8	2107.3	36.0
	58	-808.1	-1332.2	-19872.8	-2913.3	2575.5	31.5
	59	-733.5	-944.0	-19371.1	-2357.2	2464.7	-23.2
	60	-1059.3	-892.9	-19555.2	-2282.6	2932.9	-27.6
	61	-27.7	-771.9	-18637.9	-2096.3	1438.8	34.4
	62	-23.6	-1143.6	-19034.9	-2637.4	1442.4	36.4
	63	-195.3	-305.6	-18365.4	-1430.3	1672.8	-15.9
	64	-191.2	-677.3	-18762.3	-1971.4	1676.4	-13.9
	65	-429.4	-306.8	-18496.4	-1419.6	2003.9	36.2
	66	-829.7	-246.2	-18720.3	-1331.1	2578.9	31.0
	67	-737.0	238.0	-18103.3	-637.8	2441.2	-34.6
	68	-1137.3	298.6	-18327.3	-549.3	3016.3	-39.9
	69	-1361.8	-570.0	-19384.5	-1801.1	3355.5	16.9
	70	-1357.8	-941.7	-19781.5	-2342.2	3359.1	18.9
	71	-1529.5	-103.7	-19112.0	-1135.1	3589.5	-33.5
	72	-1525.4	-475.4	-19508.9	-1676.2	3593.1	-31.5
	73	-415.8	-1545.9	-19819.6	-3223.2	2015.7	42.8
	74	-816.0	-1485.3	-20043.5	-3134.7	2590.7	37.6
	75	-723.4	-1001.1	-19426.5	-2441.4	2453.0	-28.0
	76	-1123.7	-940.5	-19650.5	-2352.9	3028.0	-33.3
584	1	-1687.6	754.5	-51255.9	1382.5	5633.3	17.6
	2	-1607.0	764.8	-51178.6	1304.4	5536.5	12.2
	3	-1628.1	784.8	-51157.3	1314.0	5575.9	10.1

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	4	-1695.1	896.8	-51186.0	1520.2	5673.9	14.5
	5	-1703.4	1022.1	-51220.0	1754.0	5679.2	19.0
	6	-1727.8	908.9	-51153.2	1515.4	5730.1	13.3
	7	-1726.8	913.5	-51211.7	1576.2	5714.8	15.6
	8	-1849.7	778.8	-56612.9	1359.0	6238.5	11.8
	9	-1722.9	681.3	-51048.2	1169.8	5684.6	14.1
	10	741.1	62.0	-30041.5	204.5	615.2	85.9
	11	747.8	-821.7	-29905.3	-1234.2	604.8	90.6
	12	580.4	312.7	-30078.7	643.7	877.6	-40.9
	13	587.1	-570.9	-29942.5	-795.0	867.2	-36.2
	14	-257.0	1142.6	-30118.8	1993.9	2152.7	89.8
	15	-1255.9	1219.6	-30053.3	2134.0	3692.1	75.7
	16	-767.9	1473.6	-30166.3	2538.0	2956.1	-88.5
	17	-1766.7	1550.5	-30100.8	2678.1	4495.4	-102.5
	18	-2588.4	318.5	-29823.1	671.4	5746.3	39.1
	19	-2581.6	-565.2	-29686.9	-767.2	5735.9	43.8
	20	-2749.1	569.2	-29860.3	1110.6	6008.6	-87.7
	21	-2742.3	-314.4	-29724.1	-328.1	5998.2	-83.0
	22	-234.6	-1803.0	-29664.8	-2801.6	2118.1	105.4
	23	-1233.4	-1726.0	-29599.3	-2661.6	3657.4	91.4
	24	-745.4	-1472.0	-29712.3	-2257.5	2921.4	-72.8
	25	-1744.2	-1395.1	-29646.8	-2117.5	4460.7	-86.9
	26	-1258.5	486.2	-38155.0	913.5	4196.5	12.0
	27	-1204.7	493.0	-38103.5	861.4	4131.9	8.3
	28	-1218.8	506.4	-38089.3	867.8	4158.1	7.0
	29	-1263.5	581.0	-38108.4	1005.2	4223.5	9.8
	30	-1269.0	664.6	-38131.0	1161.1	4227.0	12.9
	31	-1285.3	589.1	-38086.5	1002.0	4261.0	9.1
	32	-1284.6	592.2	-38125.5	1042.6	4250.8	10.6
	33	-1366.5	502.4	-41726.3	897.8	4599.9	8.0
	34	-1282.0	437.4	-38016.5	771.6	4230.6	9.6
	35	-1260.5	-212.6	-36942.5	-193.2	4114.0	1.9
	36	-1232.1	-219.3	-37009.3	-131.6	4049.4	6.3
	37	-1239.1	-212.6	-37002.2	-128.4	4062.5	5.6
	38	-1261.4	-175.3	-37011.8	-59.7	4095.2	7.0
	39	-1264.2	-133.5	-37023.1	18.3	4096.9	8.5
	40	-1272.3	-171.3	-37000.8	-61.3	4113.9	6.6
	41	-1272.0	-169.7	-37020.3	-41.0	4108.8	7.4
	42	-1295.1	-216.5	-38218.2	-117.7	4218.7	6.3
	43	-1266.9	-238.2	-36981.6	-159.8	4095.6	6.8
	44	-1259.3	-220.3	-37013.0	-126.4	4089.3	6.6
	45	-423.8	-61.3	-29935.3	31.2	2491.9	30.1
	46	-421.7	-359.1	-29889.3	-453.6	2412.2	31.7
	47	-473.5	23.5	-29947.7	180.9	2496.7	-12.5
	48	-471.4	-274.3	-29901.7	-303.9	2417.1	-10.9
	49	-753.7	303.6	-29962.3	634.8	3178.3	31.6
	50	-1085.5	328.5	-29940.8	679.6	3689.7	26.7
	51	-922.8	411.7	-29977.9	813.0	3189.2	-29.1
	52	-1254.6	436.7	-29956.5	857.8	3700.5	-33.9
	53	-1529.9	21.9	-29863.9	180.4	4196.3	13.8
	54	-1527.7	-275.9	-29818.0	-304.4	4116.7	15.4
	55	-1579.5	106.7	-29876.3	330.1	4201.2	-28.8
	56	-1577.4	-191.1	-29830.3	-154.7	4121.6	-27.2
	57	-746.7	-689.1	-29809.1	-981.3	2913.0	36.8

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	58	-1078.5	-664.2	-29787.7	-936.5	3424.3	32.0
	59	-915.7	-581.0	-29824.8	-803.1	2923.8	-23.8
	60	-1247.5	-556.0	-29803.4	-758.4	3435.1	-28.7
	61	-290.2	-49.5	-29947.4	46.9	2208.9	35.8
	62	-287.5	-409.7	-29891.8	-539.5	2204.7	37.7
	63	-356.0	53.2	-29962.5	227.0	2316.2	-15.7
	64	-353.2	-307.0	-29907.0	-359.4	2312.0	-13.8
	65	-697.4	390.9	-29979.0	776.0	2836.1	37.4
	66	-1104.7	422.1	-29952.3	832.7	3463.8	31.7
	67	-905.8	526.1	-29998.3	998.5	3163.8	-35.2
	68	-1313.1	557.3	-29971.7	1055.2	3791.6	-40.9
	69	-1648.0	54.6	-29858.6	235.8	4301.5	16.7
	70	-1645.3	-305.6	-29803.1	-350.6	4297.2	18.6
	71	-1713.8	157.2	-29873.8	416.0	4408.8	-34.8
	72	-1711.0	-203.0	-29818.3	-170.4	4404.6	-32.9
	73	-688.2	-809.8	-29793.9	-1178.7	2821.9	43.8
	74	-1095.5	-778.5	-29767.3	-1122.0	3449.7	38.1
	75	-896.6	-674.5	-29813.3	-956.2	3149.6	-28.8
	76	-1303.9	-643.3	-29786.7	-899.5	3777.4	-34.5
585	1	4301.7	955.1	-26408.2	1614.5	-16389.8	30.1
	2	4336.1	941.2	-26393.5	1589.5	-16317.2	25.2
	3	4310.1	942.0	-26379.1	1589.3	-16259.0	23.2
	4	4265.3	1091.5	-26380.9	1803.4	-16241.5	27.1
	5	4273.5	1254.5	-26401.9	2036.9	-16296.3	31.4
	6	4229.2	1096.6	-26363.3	1809.1	-16171.6	25.9
	7	4249.1	1105.7	-26383.9	1824.9	-16257.0	28.0
	8	4736.2	953.4	-29215.3	1664.1	-17979.8	25.6
	9	4227.1	862.6	-26219.3	1427.6	-16190.7	27.4
	10	3969.1	1215.0	-15980.5	1904.1	-11264.3	91.7
	11	3975.9	328.1	-15883.0	636.6	-11100.4	95.1
	12	3831.1	19.1	-15916.0	206.1	-11246.2	-31.5
	13	3837.9	-867.8	-15818.6	-1061.4	-11082.3	-28.1
	14	3123.1	2156.3	-15772.7	3260.6	-10305.6	97.0
	15	2277.9	1993.6	-15491.6	3037.6	-9331.8	83.2
	16	2688.9	767.3	-15695.6	1286.6	-10315.2	-77.2
	17	1843.7	604.6	-15414.6	1063.6	-9341.4	-91.0
	18	1151.6	672.5	-15043.7	1160.6	-8018.4	45.7
	19	1158.4	-214.4	-14946.2	-106.9	-7854.5	49.1
	20	1013.6	-523.4	-14979.3	-537.4	-8000.3	-77.5
	21	1020.5	-1410.3	-14881.8	-1804.9	-7836.5	-74.1
	22	3145.8	-799.9	-15447.7	-964.4	-9759.3	108.6
	23	2300.6	-962.6	-15166.7	-1187.4	-8785.6	94.8
	24	2711.7	-2188.9	-15370.6	-2938.3	-9768.9	-65.6
	25	1866.4	-2351.6	-15089.6	-3161.4	-8795.2	-79.4
	26	3200.4	623.7	-19663.0	1083.0	-12199.9	21.3
	27	3223.4	614.5	-19653.1	1066.3	-12151.5	18.0
	28	3206.0	615.0	-19643.5	1066.2	-12112.7	16.6
	29	3176.2	714.7	-19644.8	1208.9	-12101.0	19.3
	30	3181.6	823.3	-19658.7	1364.5	-12137.6	22.1
	31	3152.1	718.0	-19633.0	1212.7	-12054.5	18.4
	32	3165.4	724.1	-19646.7	1223.2	-12111.4	19.9
	33	3490.1	622.6	-21534.3	1116.0	-13259.9	18.2
	34	3150.7	562.1	-19537.0	958.3	-12067.2	19.5
	35	3056.8	-176.3	-19007.9	-54.6	-11765.0	11.4

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	36	3107.5	-158.5	-19044.0	-25.3	-11912.7	15.6
	37	3098.8	-158.3	-19039.2	-25.3	-11893.3	14.9
	38	3083.9	-108.4	-19039.8	46.0	-11887.4	16.3
	39	3086.6	-54.1	-19046.8	123.9	-11905.7	17.7
	40	3071.9	-106.7	-19033.9	47.9	-11864.1	15.9
	41	3078.5	-103.7	-19040.8	53.2	-11892.6	16.6
	42	3189.5	-156.1	-19669.5	-8.9	-12276.6	15.8
	43	3076.3	-176.2	-19003.7	-61.5	-11879.0	16.2
	44	3086.7	-159.2	-19039.2	-25.9	-11896.0	15.9
	45	2982.9	346.5	-15613.1	677.3	-10117.7	36.9
	46	2985.3	43.9	-15580.2	244.9	-10063.0	38.1
	47	2940.2	-51.3	-15593.1	112.1	-10115.9	-4.6
	48	2942.6	-353.9	-15560.2	-320.4	-10061.2	-3.4
	49	2703.0	662.9	-15544.9	1133.2	-9800.4	38.9
	50	2422.2	606.5	-15451.5	1055.8	-9476.9	34.1
	51	2559.3	207.0	-15520.5	484.9	-9806.2	-20.4
	52	2278.5	150.6	-15427.2	407.6	-9482.8	-25.2
	53	2047.0	158.6	-15302.0	419.6	-9039.5	21.0
	54	2049.4	-144.0	-15269.1	-12.9	-8984.8	22.2
	55	2004.2	-239.2	-15282.1	-145.6	-9037.8	-20.5
	56	2006.6	-541.8	-15249.1	-578.1	-8983.1	-19.3
	57	2711.0	-345.9	-15435.0	-308.4	-9618.0	42.8
	58	2430.2	-402.3	-15341.7	-385.7	-9294.5	38.0
	59	2567.3	-801.9	-15410.7	-956.6	-9623.8	-16.5
	60	2286.5	-858.2	-15317.4	-1034.0	-9300.4	-21.3
	61	3096.1	437.2	-15655.2	805.2	-10249.5	42.6
	62	3098.9	75.8	-15615.5	288.8	-10182.6	44.0
	63	3039.7	-49.6	-15628.8	114.0	-10241.9	-7.6
	64	3042.4	-410.9	-15589.1	-402.4	-10175.0	-6.2
	65	2751.1	821.1	-15570.4	1358.4	-9858.4	44.7
	66	2406.3	754.6	-15455.8	1267.3	-9461.3	39.1
	67	2573.9	254.5	-15538.9	553.2	-9862.2	-26.2
	68	2229.2	188.0	-15424.3	462.2	-9465.1	-31.8
	69	1947.1	215.6	-15273.1	501.6	-8925.7	23.8
	70	1949.9	-145.7	-15233.4	-14.8	-8858.9	25.2
	71	1890.6	-271.2	-15246.8	-189.6	-8918.1	-26.4
	72	1893.4	-632.5	-15207.1	-706.0	-8851.3	-25.0
	73	2760.3	-383.4	-15438.0	-362.9	-9635.7	49.4
	74	2415.6	-449.8	-15323.3	-454.0	-9238.5	43.8
	75	2583.2	-949.9	-15406.5	-1168.1	-9639.4	-21.5
	76	2238.5	-1016.4	-15291.8	-1259.2	-9242.3	-27.1
586	1	-1463.1	832.3	-39497.2	1881.7	4824.1	19.1
	2	-1512.5	904.2	-37040.4	1933.6	5204.6	13.8
	3	-1561.6	943.7	-36438.5	1979.5	5346.8	11.9
	4	-1592.0	1010.8	-37053.1	2094.0	5310.1	16.3
	5	-1521.2	1098.1	-38199.8	2263.2	5024.9	20.7
	6	-1595.0	1049.3	-36926.6	2168.1	5257.6	15.4
	7	-1596.7	1007.9	-37687.5	2099.9	5252.2	17.5
	8	-1934.8	927.7	-40025.1	2013.2	6568.5	13.8
	9	-1265.5	833.8	-39302.3	1877.8	4020.0	15.7
	10	300.3	-421.7	-21477.8	-336.1	1921.2	84.1
	11	439.1	-1333.3	-21645.8	-1658.6	1711.3	89.2
	12	267.4	749.6	-21343.2	1391.0	2034.4	-41.0
	13	406.3	-161.9	-21511.2	68.5	1824.6	-35.8

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	14	-892.1	727.6	-21688.7	1350.2	3480.6	88.2
	15	-1775.2	881.3	-22015.7	1588.4	4606.8	75.2
	16	-924.7	2086.1	-21503.2	3346.3	3592.3	-87.5
	17	-1807.8	2239.9	-21830.1	3584.6	4718.5	-100.5
	18	-2643.3	90.9	-22567.7	458.1	5675.0	40.7
	19	-2504.4	-820.7	-22735.7	-864.4	5465.2	45.8
	20	-2676.1	1262.3	-22433.1	2185.2	5788.3	-84.4
	21	-2537.2	350.7	-22601.1	862.7	5578.4	-79.2
	22	-429.2	-2310.9	-22248.8	-3058.0	2781.1	105.4
	23	-1312.2	-2157.1	-22575.7	-2819.7	3907.3	92.4
	24	-461.7	-952.4	-22063.2	-1061.9	2892.8	-70.3
	25	-1344.8	-798.6	-22390.2	-823.6	4019.0	-83.3
	26	-1124.5	550.1	-29270.1	1289.6	3716.0	13.1
	27	-1157.5	598.1	-27632.2	1324.1	3969.7	9.5
	28	-1190.2	624.4	-27230.9	1354.7	4064.5	8.3
	29	-1210.4	669.1	-27640.7	1431.1	4040.1	11.2
	30	-1163.3	727.4	-28405.1	1543.9	3849.9	14.1
	31	-1212.5	694.8	-27556.3	1480.5	4005.0	10.6
	32	-1213.6	667.2	-28063.6	1435.0	4001.4	12.0
	33	-1439.0	613.7	-29622.0	1377.2	4879.0	9.5
	34	-992.8	551.1	-29140.1	1286.9	3180.0	10.8
	35	-1197.3	-70.7	-28198.7	315.4	3894.7	2.9
	36	-1077.0	-125.3	-30107.6	276.4	3492.4	6.9
	37	-1093.3	-112.1	-29906.9	291.7	3539.7	6.3
	38	-1103.4	-89.8	-30111.8	329.8	3527.5	7.8
	39	-1079.9	-60.6	-30494.0	386.2	3432.4	9.2
	40	-1104.4	-76.9	-30069.6	354.6	3510.0	7.5
	41	-1105.0	-90.7	-30323.3	331.8	3508.2	8.2
	42	-1176.2	-121.8	-30827.3	292.8	3795.2	7.1
	43	-1027.4	-142.7	-30666.7	262.7	3228.8	7.5
	44	-1093.1	-130.6	-30277.0	272.5	3491.5	7.3
	45	-649.1	-163.5	-21852.5	65.0	3145.3	30.2
	46	-602.9	-471.9	-21909.3	-382.4	3075.2	31.9
	47	-656.3	223.4	-21806.9	633.6	3177.6	-11.9
	48	-610.1	-85.0	-21863.6	186.1	3107.6	-10.2
	49	-1044.4	228.6	-21921.6	639.9	3662.8	31.7
	50	-1337.7	281.9	-22030.4	722.5	4036.9	27.2
	51	-1053.4	675.2	-21859.2	1295.5	3696.3	-28.1
	52	-1346.7	728.4	-21968.0	1378.2	4070.3	-32.6
	53	-1626.9	14.0	-22215.3	340.4	4392.0	15.1
	54	-1580.6	-294.4	-22272.0	-107.0	4322.0	16.8
	55	-1634.1	400.9	-22169.6	909.0	4424.4	-27.0
	56	-1587.8	92.4	-22226.4	461.6	4354.3	-25.3
	57	-890.2	-799.5	-22110.9	-851.6	3429.3	37.5
	58	-1183.5	-746.2	-22219.7	-769.0	3803.3	32.9
	59	-899.2	-352.9	-22048.5	-196.0	3462.8	-22.3
	60	-1192.5	-299.7	-22157.3	-113.3	3836.8	-26.8
	61	-539.8	-192.9	-21810.4	19.1	3003.9	35.7
	62	-483.1	-564.3	-21878.9	-519.8	2918.3	37.8
	63	-553.4	283.7	-21755.5	721.4	3050.4	-15.2
	64	-496.7	-87.8	-21824.0	182.5	2964.8	-13.1
	65	-1026.1	275.1	-21896.4	705.7	3639.9	37.4
	66	-1386.3	338.0	-22029.8	803.2	4099.2	32.0
	67	-1039.5	829.2	-21820.8	1519.7	3685.7	-34.2

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	68	-1399.6	892.1	-21954.2	1617.2	4145.0	-39.5
	69	-1740.2	16.8	-22254.9	344.1	4534.8	18.0
	70	-1683.6	-354.7	-22323.4	-194.8	4449.2	20.1
	71	-1753.8	493.3	-22200.0	1046.4	4581.3	-32.9
	72	-1697.2	121.8	-22268.5	507.5	4495.7	-30.8
	73	-837.3	-963.1	-22124.7	-1090.6	3354.7	44.4
	74	-1197.4	-900.2	-22258.1	-993.1	3813.9	39.1
	75	-850.7	-409.0	-22049.1	-276.6	3400.4	-27.2
	76	-1210.8	-346.1	-22182.5	-179.1	3859.7	-32.5
587	1	105.6	1259.9	-46893.2	3331.5	-930.3	16.5
	2	192.5	1026.3	-44808.9	2311.6	-1049.8	10.7
	3	171.5	988.5	-44289.9	2091.5	-1010.8	8.7
	4	103.0	1150.7	-44822.1	2517.1	-907.3	13.0
	5	95.1	1354.4	-45550.8	3074.5	-904.0	17.6
	6	68.7	1104.7	-44287.9	2289.1	-845.3	12.0
	7	69.6	1242.5	-45456.4	2858.7	-860.5	14.3
	8	160.1	1098.9	-49910.5	2575.5	-1116.5	10.4
	9	23.2	993.5	-44925.3	2377.2	-707.3	12.6
	10	1841.1	145.7	-28152.5	1125.1	-3421.2	86.0
	11	1850.2	-779.3	-28018.1	-377.6	-3162.2	91.7
	12	1698.7	744.5	-28212.7	2180.3	-3501.0	-41.0
	13	1707.8	-180.5	-28078.3	677.5	-3242.0	-35.3
	14	822.4	1293.8	-28212.2	3020.3	-1802.9	88.3
	15	-202.4	1463.6	-28170.8	3300.7	-162.4	73.9
	16	304.9	2151.0	-28370.2	4445.7	-1895.8	-90.4
	17	-719.9	2320.8	-28328.8	4726.1	-255.3	-104.8
	18	-1574.9	711.7	-28014.6	2059.8	2047.1	37.9
	19	-1565.8	-213.3	-27880.2	557.0	2306.0	43.6
	20	-1717.4	1310.5	-28074.9	3114.9	1967.3	-89.1
	21	-1708.3	385.5	-27940.5	1612.2	2226.2	-83.4
	22	852.7	-1789.6	-27764.2	-1988.8	-939.7	107.5
	23	-172.1	-1619.8	-27722.8	-1708.4	700.8	93.0
	24	335.2	-932.4	-27922.1	-563.4	-1032.5	-71.3
	25	-689.6	-762.6	-27880.8	-283.0	607.9	-85.7
	26	79.2	875.3	-35001.7	2403.5	-699.9	11.2
	27	137.2	719.6	-33612.1	1723.6	-779.5	7.3
	28	123.2	694.4	-33266.1	1576.8	-753.6	5.9
	29	77.5	802.6	-33621.0	1860.5	-684.5	8.9
	30	72.3	938.4	-34106.7	2232.1	-682.3	11.9
	31	54.6	771.9	-33264.8	1708.6	-643.2	8.1
	32	55.3	863.7	-34043.8	2088.3	-653.3	9.7
	33	115.6	768.0	-37013.2	1899.5	-824.0	7.1
	34	24.3	697.8	-33689.7	1767.3	-551.2	8.6
	35	26.1	248.1	-34351.0	1487.2	-594.4	1.5
	36	53.7	433.9	-35997.5	2292.2	-656.1	6.0
	37	46.7	421.3	-35824.5	2218.8	-643.2	5.3
	38	23.9	475.4	-36001.9	2360.7	-608.6	6.8
	39	21.2	543.3	-36244.8	2546.5	-607.5	8.3
	40	12.4	460.0	-35823.8	2284.7	-588.0	6.4
	41	12.7	506.0	-36213.3	2474.5	-593.0	7.2
	42	36.9	455.0	-37177.0	2373.3	-655.9	6.1
	43	6.5	431.6	-36069.1	2329.2	-565.0	6.6
	44	25.1	449.0	-36134.8	2359.5	-611.1	6.4
	45	654.1	227.0	-28083.0	1290.0	-1532.5	30.0

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	46	657.2	-85.1	-28037.6	783.0	-1445.9	32.0
	47	610.4	486.9	-28101.8	1647.9	-1565.5	-12.6
	48	613.5	174.8	-28056.4	1140.9	-1478.9	-10.7
	49	317.2	616.3	-28103.4	1932.4	-997.3	31.0
	50	-23.2	655.2	-28089.4	2024.3	-452.3	26.0
	51	145.6	916.4	-28155.0	2403.1	-1031.4	-29.8
	52	-194.8	955.2	-28141.1	2495.0	-486.5	-34.8
	53	-480.7	356.4	-28036.6	1596.4	284.0	13.3
	54	-477.6	44.3	-27991.1	1089.4	370.6	15.3
	55	-524.4	616.3	-28055.4	1954.3	250.9	-29.3
	56	-521.3	304.2	-28009.9	1447.3	337.6	-27.4
	57	327.6	-424.0	-27951.9	242.3	-708.5	37.4
	58	-12.8	-385.2	-27937.9	334.2	-163.6	32.4
	59	156.0	-124.0	-28003.5	713.1	-742.6	-23.4
	60	-184.4	-85.1	-27989.6	805.0	-197.7	-28.4
	61	790.3	216.8	-28089.6	1269.4	-1749.2	35.8
	62	794.0	-160.2	-28034.8	656.9	-1643.6	38.1
	63	732.0	537.9	-28114.2	1701.0	-1781.3	-15.9
	64	735.7	160.9	-28059.4	1088.5	-1675.7	-13.5
	65	374.7	684.5	-28113.9	2041.5	-1089.1	36.8
	66	-43.2	730.5	-28097.1	2155.3	-420.1	30.9
	67	163.7	1057.3	-28178.4	2623.6	-1126.8	-36.0
	68	-254.3	1103.4	-28161.6	2737.4	-457.8	-41.9
	69	-602.8	370.3	-28033.5	1648.8	480.8	16.1
	70	-599.1	-6.7	-27978.8	1036.4	586.4	18.5
	71	-661.1	691.4	-28058.2	2080.4	448.6	-35.5
	72	-657.4	314.4	-28003.4	1467.9	554.2	-33.2
	73	387.1	-572.2	-27931.4	-0.1	-737.1	44.6
	74	-30.8	-526.1	-27914.6	113.8	-68.1	38.7
	75	176.0	-199.3	-27995.8	582.0	-774.8	-28.2
	76	-241.9	-153.3	-27979.0	695.8	-105.8	-34.1
588	1	752.6	923.9	-56252.6	1853.3	-3329.8	20.1
	2	872.4	890.0	-52701.6	1664.7	-3569.3	15.5
	3	861.9	895.3	-51818.4	1642.1	-3568.0	13.5
	4	786.5	1046.7	-52749.0	1945.7	-3439.3	17.7
	5	764.8	1215.8	-54019.6	2290.3	-3385.2	22.2
	6	763.6	1048.7	-51861.8	1916.2	-3418.4	16.5
	7	743.5	1074.5	-53823.5	2033.0	-3356.9	18.5
	8	890.3	909.5	-58753.8	1751.4	-3825.1	14.9
	9	740.3	801.7	-53174.9	1495.8	-3360.4	17.1
	10	2117.1	600.7	-33884.2	732.8	-4430.8	88.7
	11	2124.2	-400.6	-33481.3	-1153.3	-4441.2	91.4
	12	1970.3	259.0	-33847.7	646.2	-4222.3	-38.0
	13	1977.3	-742.2	-33444.9	-1239.9	-4232.7	-35.3
	14	1137.7	1780.4	-34429.7	3362.6	-2966.7	94.3
	15	155.2	1748.4	-34474.8	3494.3	-1493.2	79.3
	16	640.9	1340.7	-34347.1	2724.7	-2223.8	-84.9
	17	-341.6	1308.7	-34392.1	2856.4	-750.2	-99.9
	18	-1157.9	493.9	-34034.2	1171.9	481.1	38.7
	19	-1150.8	-507.3	-33631.4	-714.2	470.7	41.4
	20	-1304.7	152.2	-33997.7	1085.3	689.6	-88.0
	21	-1297.7	-849.0	-33594.9	-800.7	679.2	-85.3
	22	1161.1	-1557.0	-33087.0	-2924.4	-3001.4	103.3
	23	178.6	-1589.0	-33132.0	-2792.7	-1527.9	88.3

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	24	664.3	-1996.7	-33004.3	-3562.3	-2258.5	-75.9
	25	-318.2	-2028.8	-33049.3	-3430.5	-784.9	-90.9
	26	556.4	599.4	-42000.3	1231.0	-2470.0	13.6
	27	636.3	576.8	-39633.0	1105.3	-2629.6	10.6
	28	629.2	580.3	-39044.2	1090.2	-2628.8	9.2
	29	579.0	681.3	-39664.6	1292.6	-2543.0	12.0
	30	564.5	794.0	-40511.7	1522.3	-2506.9	15.0
	31	563.7	682.6	-39073.1	1272.9	-2529.1	11.3
	32	550.3	699.8	-40380.9	1350.8	-2488.1	12.6
	33	648.2	589.8	-43667.8	1163.1	-2800.2	10.1
	34	548.2	517.9	-39948.6	992.6	-2490.3	11.7
	35	485.5	-219.6	-41312.0	-195.1	-2301.1	2.4
	36	481.8	-189.6	-44109.2	-42.4	-2249.3	6.3
	37	478.3	-187.9	-43814.8	-50.0	-2248.8	5.7
	38	453.2	-137.4	-44125.1	51.2	-2205.9	7.1
	39	445.9	-81.0	-44548.6	166.1	-2187.9	8.6
	40	445.5	-136.7	-43829.3	41.4	-2199.0	6.7
	41	438.8	-128.1	-44483.2	80.3	-2178.5	7.3
	42	475.9	-184.8	-45532.8	-19.3	-2290.0	6.3
	43	442.6	-208.8	-44293.1	-76.1	-2186.7	6.8
	44	452.3	-188.2	-44345.1	-30.9	-2200.8	6.5
	45	975.2	121.8	-33788.8	221.5	-2722.0	31.2
	46	977.5	-216.2	-33652.8	-415.4	-2725.4	32.1
	47	929.9	5.7	-33776.5	196.4	-2658.0	-11.4
	48	932.3	-332.4	-33640.6	-440.5	-2661.5	-10.5
	49	651.3	518.9	-33972.9	1111.3	-2238.0	33.2
	50	324.9	507.6	-33987.8	1156.6	-1748.5	28.0
	51	486.8	370.9	-33944.6	898.2	-1991.7	-27.7
	52	160.4	359.6	-33959.5	943.5	-1502.2	-32.9
	53	-112.8	84.0	-33838.5	372.5	-1090.2	13.9
	54	-110.5	-254.0	-33702.5	-264.4	-1093.6	14.8
	55	-158.0	-32.1	-33826.3	347.4	-1026.2	-28.7
	56	-155.7	-370.1	-33690.3	-289.5	-1029.6	-27.8
	57	659.0	-607.9	-33519.6	-1011.5	-2249.4	36.3
	58	332.6	-619.2	-33534.5	-966.2	-1759.9	31.1
	59	494.5	-755.9	-33491.3	-1224.6	-2003.2	-24.6
	60	168.1	-767.2	-33506.2	-1179.3	-1513.6	-29.8
	61	1106.1	171.2	-33798.5	278.7	-2917.9	37.1
	62	1109.0	-236.9	-33634.4	-490.0	-2922.2	38.2
	63	1046.0	32.1	-33783.7	243.3	-2832.6	-14.4
	64	1048.9	-376.0	-33619.5	-525.5	-2836.9	-13.3
	65	706.6	652.1	-34020.9	1350.5	-2320.8	39.4
	66	305.9	639.1	-34039.2	1404.1	-1719.8	33.3
	67	503.9	472.9	-33987.2	1090.4	-2017.7	-33.6
	68	103.3	459.8	-34005.5	1144.0	-1416.7	-39.7
	69	-229.5	127.7	-33859.6	457.5	-914.8	16.7
	70	-226.6	-280.4	-33695.4	-311.3	-919.0	17.8
	71	-289.6	-11.4	-33844.7	422.0	-829.4	-34.8
	72	-286.7	-419.5	-33680.5	-346.7	-833.7	-33.7
	73	716.2	-708.2	-33473.6	-1212.0	-2334.9	43.1
	74	315.5	-721.2	-33491.9	-1158.4	-1734.0	37.0
	75	513.5	-887.4	-33439.9	-1472.1	-2031.8	-29.9
	76	112.8	-900.4	-33458.2	-1418.5	-1430.9	-36.0
589	1	-864.8	857.6	-52482.8	1467.9	2573.5	23.0

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	2	-800.0	829.3	-50064.6	1343.3	2536.3	18.2
	3	-824.4	831.2	-49464.1	1327.4	2588.4	16.1
	4	-885.6	993.1	-50117.3	1628.1	2665.4	20.4
	5	-887.3	1172.0	-51002.5	1964.7	2646.6	25.1
	6	-921.7	995.8	-49516.8	1612.8	2735.3	19.2
	7	-912.0	1015.9	-50849.6	1689.9	2687.1	21.3
	8	-951.0	830.6	-55686.9	1374.0	2896.0	17.8
	9	-923.3	740.5	-50306.6	1159.1	2713.9	19.9
	10	1206.0	943.5	-31351.2	1750.6	-1104.1	90.1
	11	1213.3	-61.5	-30928.7	-88.2	-1115.2	92.0
	12	1053.2	58.7	-31282.9	184.8	-875.2	-36.2
	13	1060.5	-946.4	-30860.4	-1653.9	-886.3	-34.3
	14	218.8	2077.1	-32042.7	3829.7	386.5	97.1
	15	-769.4	1955.3	-32110.9	3612.3	1878.9	82.3
	16	-282.1	985.9	-31736.2	1888.8	1142.4	-81.9
	17	-1270.3	864.0	-31804.4	1671.4	2634.7	-96.7
	18	-2087.7	537.4	-31578.4	1025.9	3870.4	40.9
	19	-2080.5	-467.6	-31155.9	-812.8	3859.3	42.8
	20	-2240.6	-347.4	-31510.1	-539.9	4099.3	-85.3
	21	-2233.3	-1352.5	-31087.6	-2378.6	4088.2	-83.5
	22	243.0	-1273.0	-30634.4	-2299.4	349.4	103.3
	23	-745.1	-1394.8	-30702.6	-2516.8	1841.8	88.5
	24	-257.9	-2364.3	-30327.9	-4240.4	1105.3	-75.7
	25	-1246.0	-2486.1	-30396.0	-4457.8	2597.6	-90.4
	26	-645.0	544.5	-39151.1	936.7	1914.6	15.8
	27	-601.8	525.6	-37539.0	853.7	1889.8	12.6
	28	-618.1	526.9	-37138.7	843.0	1924.5	11.2
	29	-658.9	634.8	-37574.1	1043.5	1975.9	14.1
	30	-660.0	754.1	-38164.3	1267.9	1963.4	17.2
	31	-682.9	636.6	-37173.8	1033.3	2022.4	13.2
	32	-676.5	650.0	-38062.3	1084.8	1990.3	14.7
	33	-702.5	526.5	-41287.2	874.2	2129.6	12.3
	34	-684.0	466.4	-37700.3	730.8	2008.2	13.7
	35	-668.4	-317.6	-38267.2	-536.8	1908.3	4.3
	36	-628.6	-289.3	-40170.7	-428.4	1800.0	8.5
	37	-636.7	-288.7	-39970.6	-433.8	1817.3	7.8
	38	-657.1	-234.7	-40188.3	-333.5	1843.0	9.2
	39	-657.7	-175.1	-40483.3	-221.3	1836.7	10.8
	40	-669.1	-233.8	-39988.1	-338.6	1866.3	8.8
	41	-665.9	-227.1	-40432.4	-312.9	1850.2	9.5
	42	-670.7	-288.8	-41473.7	-419.7	1891.6	8.5
	43	-664.6	-308.9	-40278.1	-467.4	1851.2	8.9
	44	-654.5	-288.8	-40331.6	-422.6	1835.2	8.7
	45	55.8	184.0	-31262.2	384.8	632.4	32.8
	46	58.2	-156.8	-31119.1	-238.6	628.7	33.4
	47	8.7	-111.6	-31241.7	-139.2	702.9	-9.8
	48	11.1	-452.5	-31098.6	-762.6	699.2	-9.1
	49	-270.6	565.3	-31496.7	1084.0	1125.2	35.2
	50	-598.9	523.1	-31520.1	1009.0	1621.0	30.1
	51	-436.4	204.0	-31395.6	441.1	1375.5	-25.7
	52	-764.7	161.9	-31419.0	366.0	1871.3	-30.8
	53	-1038.4	43.5	-31340.2	134.6	2284.9	15.8
	54	-1036.0	-297.3	-31197.1	-488.8	2281.2	16.4
	55	-1085.5	-252.1	-31319.7	-389.4	2355.5	-26.8

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	56	-1083.1	-593.0	-31176.6	-1012.8	2351.8	-26.1
	57	-262.6	-570.8	-31019.7	-994.1	1112.9	37.4
	58	-590.8	-613.0	-31043.1	-1069.1	1608.7	32.3
	59	-428.4	-932.1	-30918.7	-1637.0	1363.1	-23.5
	60	-756.7	-974.2	-30942.1	-1712.1	1858.9	-28.6
	61	187.8	263.3	-31273.2	527.3	433.1	38.7
	62	190.8	-146.3	-31101.0	-222.0	428.6	39.4
	63	125.3	-96.9	-31245.2	-110.2	526.8	-12.7
	64	128.2	-506.5	-31073.0	-859.6	522.3	-12.0
	65	-214.9	725.5	-31555.0	1375.0	1041.2	41.5
	66	-617.9	675.8	-31582.8	1286.3	1649.8	35.5
	67	-419.2	280.5	-31429.9	583.5	1349.5	-31.4
	68	-822.2	230.8	-31457.7	494.8	1958.1	-37.4
	69	-1155.5	97.5	-31365.7	231.6	2461.9	18.6
	70	-1152.5	-312.1	-31193.5	-517.8	2457.3	19.3
	71	-1218.0	-262.7	-31337.8	-406.0	2555.5	-32.8
	72	-1215.1	-672.3	-31165.6	-1155.3	2551.0	-32.0
	73	-205.0	-639.7	-30981.0	-1122.8	1026.0	44.0
	74	-608.0	-689.5	-31008.8	-1211.5	1634.6	38.0
	75	-409.4	-1084.7	-30856.0	-1914.3	1334.4	-28.9
	76	-812.3	-1134.5	-30883.7	-2003.0	1943.0	-34.9
891	1	-1871.4	-547.7	-50601.5	-3181.2	6183.3	19.0
	2	-1762.0	-464.9	-48104.5	-3089.4	6017.9	13.3
	3	-1766.9	-424.6	-47514.7	-3040.6	6010.0	11.5
	4	-1841.9	-363.9	-48213.6	-2947.9	6108.2	16.1
	5	-1859.3	-276.8	-49245.2	-2779.9	6117.9	20.5
	6	-1842.4	-318.5	-47829.9	-2848.6	6051.9	15.5
	7	-1883.9	-372.1	-48930.5	-2961.4	6177.9	17.7
	8	-2178.3	-546.4	-51882.8	-3394.9	7357.0	13.9
	9	-1597.4	-611.1	-50945.0	-3420.6	5121.9	15.0
	10	-163.5	-1126.6	-26677.9	-2922.1	3265.8	80.9
	11	-165.3	-2035.6	-26146.7	-4229.8	3096.7	86.0
	12	142.9	61.9	-26990.9	-1144.5	3101.0	-43.3
	13	141.1	-847.1	-26459.7	-2452.2	2932.0	-38.2
	14	-1200.9	-21.7	-28504.7	-1396.9	4332.5	86.7
	15	-1972.2	94.7	-29567.1	-1293.9	5099.1	75.7
	16	-615.2	1349.8	-28882.7	621.8	4217.4	-86.9
	17	-1386.5	1466.2	-29945.1	724.8	4983.9	-97.9
	18	-2734.5	-738.6	-30219.3	-2578.9	5820.9	44.1
	19	-2736.3	-1647.7	-29688.1	-3886.6	5651.9	49.2
	20	-2428.1	449.9	-30532.4	-801.3	5656.2	-80.1
	21	-2429.9	-459.2	-30001.1	-2109.0	5487.1	-74.9
	22	-1206.9	-3052.0	-26733.9	-5755.9	3769.0	103.8
	23	-1978.2	-2935.6	-27796.3	-5652.9	4535.5	92.8
	24	-621.2	-1680.5	-27111.9	-3737.2	3653.9	-69.8
	25	-1392.5	-1564.1	-28174.4	-3634.2	4420.4	-80.8
	26	-1420.5	-470.9	-37512.9	-2456.2	4705.7	13.1
	27	-1347.6	-415.6	-35848.3	-2395.0	4595.5	9.2
	28	-1350.8	-388.8	-35455.1	-2362.5	4590.2	8.1
	29	-1400.8	-348.3	-35921.0	-2300.7	4655.7	11.2
	30	-1412.4	-290.2	-36608.8	-2188.7	4662.1	14.1
	31	-1401.2	-318.1	-35665.2	-2234.5	4618.1	10.7
	32	-1428.8	-353.8	-36398.9	-2309.7	4702.1	12.2
	33	-1625.1	-470.0	-38367.1	-2598.7	5488.2	9.7

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	34	-1237.8	-513.1	-37742.0	-2615.8	3998.1	10.4
	35	-1437.4	-1057.4	-36239.9	-3303.8	4742.7	3.1
	36	-1447.2	-1116.5	-38144.3	-3361.0	4790.8	7.1
	37	-1448.8	-1103.1	-37947.7	-3344.7	4788.2	6.5
	38	-1473.8	-1082.8	-38180.6	-3313.8	4820.9	8.0
	39	-1479.6	-1053.8	-38524.5	-3257.8	4824.1	9.5
	40	-1473.9	-1067.7	-38052.7	-3280.7	4802.1	7.8
	41	-1487.8	-1085.5	-38419.6	-3318.3	4844.2	8.5
	42	-1548.1	-1136.9	-39044.1	-3432.1	5098.6	7.4
	43	-1419.1	-1151.3	-38835.7	-3437.8	4601.9	7.6
	44	-1472.6	-1123.4	-38325.0	-3370.7	4821.4	7.6
	45	-921.5	-904.2	-27791.9	-2652.6	4009.0	29.5
	46	-922.1	-1211.8	-27612.8	-3095.3	3951.5	31.2
	47	-816.1	-509.3	-27889.6	-2059.4	3951.8	-12.4
	48	-816.8	-816.9	-27710.6	-2502.0	3894.3	-10.7
	49	-1267.1	-526.3	-28401.9	-2129.4	4364.5	31.6
	50	-1523.7	-485.7	-28754.9	-2092.3	4619.3	27.7
	51	-1067.6	-74.6	-28520.9	-1463.4	4325.2	-27.5
	52	-1324.2	-34.0	-28873.9	-1426.4	4580.1	-31.4
	53	-1776.7	-768.9	-28968.5	-2529.1	4858.6	16.6
	54	-1777.3	-1076.5	-28789.4	-2971.7	4801.1	18.3
	55	-1671.3	-374.0	-29066.2	-1935.8	4801.4	-25.3
	56	-1671.9	-681.6	-28887.1	-2378.5	4743.9	-23.5
	57	-1269.2	-1551.8	-27805.1	-3604.7	4172.8	37.3
	58	-1525.8	-1511.2	-28158.1	-3567.7	4427.7	33.4
	59	-1069.8	-1100.1	-27924.1	-2938.8	4133.6	-21.8
	60	-1326.3	-1059.5	-28277.1	-2901.7	4388.5	-25.7
	61	-834.5	-928.8	-27661.5	-2680.9	3923.5	34.7
	62	-835.2	-1299.2	-27445.0	-3213.8	3854.6	36.8
	63	-709.7	-445.0	-27789.5	-1957.2	3856.4	-15.8
	64	-710.4	-815.4	-27573.0	-2490.1	3787.5	-13.7
	65	-1257.5	-478.9	-28406.5	-2060.1	4358.4	37.1
	66	-1572.1	-431.4	-28839.8	-2018.1	4671.0	32.6
	67	-1018.9	80.5	-28561.0	-1236.7	4311.5	-33.6
	68	-1333.4	128.0	-28994.4	-1194.7	4624.1	-38.1
	69	-1883.0	-770.4	-29106.0	-2541.0	4965.4	19.7
	70	-1883.7	-1140.8	-28889.5	-3073.9	4896.5	21.8
	71	-1758.2	-286.6	-29234.1	-1817.3	4898.4	-30.8
	72	-1758.9	-657.0	-29017.5	-2350.2	4829.5	-28.8
	73	-1260.0	-1713.8	-27684.6	-3836.4	4128.8	44.1
	74	-1574.5	-1666.3	-28118.0	-3794.4	4441.4	39.6
	75	-1021.3	-1154.4	-27839.2	-3013.0	4081.9	-26.7
	76	-1335.9	-1106.9	-28272.5	-2971.0	4394.5	-31.2
924	1	-2498.3	45.0	-58763.8	-1240.9	8412.4	19.6
	2	-2332.8	349.5	-56923.3	-237.0	8045.1	13.3
	3	-2331.0	442.2	-56478.3	39.3	8015.6	11.0
	4	-2427.6	482.6	-56920.2	-17.3	8190.2	15.4
	5	-2470.0	511.2	-57512.6	-139.7	8286.9	20.2
	6	-2441.6	567.6	-56486.7	245.2	8186.0	14.0
	7	-2483.0	410.9	-57474.6	-287.3	8309.2	16.8
	8	-2647.5	280.9	-63010.4	-486.7	9008.1	13.0
	9	-2476.9	209.1	-57425.9	-581.1	8280.7	15.2
	10	75.1	-409.9	-33698.6	-1048.1	2754.0	88.3
	11	-146.1	-1341.3	-34177.7	-2661.9	3114.2	93.3

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	12	321.1	-53.4	-33493.7	-902.5	2306.3	-38.6
	13	99.9	-984.8	-33972.8	-2516.4	2666.6	-33.6
	14	-734.5	691.9	-33984.5	478.1	3960.2	91.4
	15	-1681.5	714.8	-34677.2	331.4	5368.4	76.8
	16	-563.0	1071.5	-33706.3	994.6	3545.3	-87.6
	17	-1510.1	1094.3	-34399.0	847.9	4953.4	-102.3
	18	-3081.8	-333.8	-36007.7	-1537.2	7447.8	39.5
	19	-3303.1	-1265.2	-36486.8	-3151.1	7808.1	44.5
	20	-2835.8	22.7	-35802.7	-1391.6	7000.2	-87.5
	21	-3057.0	-908.7	-36281.8	-3005.5	7360.5	-82.5
	22	-1471.9	-2412.9	-35581.4	-4901.4	5161.0	108.1
	23	-2419.0	-2390.1	-36274.1	-5048.2	6569.2	93.4
	24	-1300.4	-2033.3	-35303.3	-4385.0	4746.1	-70.9
	25	-2247.5	-2010.5	-35996.0	-4531.7	6154.2	-85.6
	26	-1864.3	-57.9	-43841.2	-1097.5	6282.6	13.4
	27	-1754.0	145.1	-42614.2	-428.2	6037.7	9.2
	28	-1752.8	206.9	-42317.6	-244.1	6018.0	7.7
	29	-1817.2	233.8	-42612.2	-281.7	6134.4	10.7
	30	-1845.5	252.9	-43007.1	-363.4	6198.9	13.9
	31	-1826.5	290.5	-42323.1	-106.8	6131.6	9.7
	32	-1854.1	186.0	-42981.8	-461.7	6213.8	11.6
	33	-1963.8	99.4	-46672.3	-594.7	6679.7	9.1
	34	-1850.0	51.5	-42949.3	-657.6	6194.8	10.5
	35	-1851.8	-832.2	-43113.1	-2477.8	6222.1	3.6
	36	-1887.6	-1067.8	-44525.4	-3258.2	6360.4	8.7
	37	-1887.0	-1036.9	-44377.1	-3166.2	6350.6	8.0
	38	-1919.2	-1023.5	-44524.4	-3185.0	6408.8	9.5
	39	-1933.3	-1013.9	-44721.8	-3225.8	6441.0	11.1
	40	-1923.8	-995.1	-44379.9	-3097.5	6407.4	9.0
	41	-1937.6	-1047.4	-44709.2	-3275.0	6448.5	9.9
	42	-1968.7	-1090.1	-45921.8	-3336.8	6594.6	8.8
	43	-1930.8	-1106.1	-44680.8	-3357.8	6432.9	9.3
	44	-1921.1	-1089.1	-44656.6	-3327.4	6420.8	9.1
	45	-970.4	-574.7	-34560.4	-1694.5	4291.3	31.9
	46	-1045.7	-888.7	-34722.0	-2238.6	4413.9	33.6
	47	-885.9	-456.5	-34489.9	-1650.2	4138.7	-10.8
	48	-961.2	-770.5	-34651.6	-2194.3	4261.3	-9.1
	49	-1237.1	-201.9	-34652.6	-1178.6	4688.6	33.1
	50	-1552.2	-193.9	-34883.2	-1228.0	5157.1	28.0
	51	-1178.8	-78.1	-34558.4	-1011.9	4548.5	-27.8
	52	-1493.9	-70.1	-34789.0	-1061.4	5017.1	-32.9
	53	-2020.8	-548.1	-35328.9	-1859.3	5853.1	14.9
	54	-2096.1	-862.1	-35490.5	-2403.4	5975.8	16.6
	55	-1936.3	-429.9	-35258.4	-1815.0	5700.5	-27.7
	56	-2011.6	-743.9	-35420.1	-2359.1	5823.1	-26.1
	57	-1488.1	-1248.5	-35191.5	-2992.2	5097.4	38.7
	58	-1803.2	-1240.5	-35422.0	-3041.7	5565.9	33.6
	59	-1429.8	-1124.7	-35097.3	-2825.6	4957.3	-22.2
	60	-1744.9	-1116.7	-35327.8	-2875.0	5425.9	-27.3
	61	-852.3	-557.6	-34463.4	-1628.1	4117.9	37.7
	62	-942.4	-937.3	-34658.7	-2285.9	4264.7	39.7
	63	-752.1	-412.4	-34379.9	-1568.5	3935.5	-14.0
	64	-842.2	-792.0	-34575.2	-2226.3	4082.3	-11.9
	65	-1182.6	-108.6	-34580.2	-1006.0	4610.0	39.0

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	66	-1568.8	-99.3	-34862.7	-1065.8	5184.3	33.0
	67	-1112.7	46.3	-34466.8	-795.1	4440.9	-34.0
	68	-1498.9	55.6	-34749.3	-854.8	5015.1	-39.9
	69	-2139.7	-526.6	-35405.2	-1827.3	6032.1	17.7
	70	-2229.9	-906.2	-35600.5	-2485.1	6178.9	19.8
	71	-2039.5	-381.3	-35321.7	-1767.7	5849.7	-33.9
	72	-2129.7	-761.0	-35517.0	-2425.5	5996.5	-31.9
	73	-1483.0	-1374.2	-35231.1	-3198.8	5099.3	45.8
	74	-1869.3	-1364.8	-35513.7	-3258.5	5673.6	39.8
	75	-1413.2	-1219.3	-35117.8	-2987.8	4930.2	-27.2
	76	-1799.4	-1209.9	-35400.3	-3047.6	5504.4	-33.1
928	1	3827.9	-11.1	-33039.9	-1904.8	-14842.1	25.2
	2	3773.7	571.7	-30150.5	281.6	-14401.6	16.5
	3	3725.8	722.5	-29403.0	836.6	-14247.2	13.5
	4	3687.9	721.9	-30125.1	493.8	-14287.8	18.6
	5	3714.6	677.4	-31168.3	-43.3	-14446.1	24.6
	6	3626.8	877.2	-29367.1	1055.2	-14116.1	16.4
	7	3699.5	556.9	-30993.6	-149.7	-14413.9	20.7
	8	4131.5	441.2	-33520.2	-164.7	-15908.9	16.5
	9	3681.3	411.0	-30606.9	-182.5	-14352.6	18.7
	10	3568.9	468.9	-22028.4	-840.0	-10519.8	93.3
	11	3569.7	-417.2	-21677.4	-2087.8	-10797.9	94.6
	12	3958.0	-736.6	-21870.2	-2553.9	-10804.1	-32.8
	13	3958.8	-1622.7	-21519.3	-3801.7	-11082.3	-31.5
	14	2372.4	1412.9	-21319.3	507.7	-8905.2	100.6
	15	1491.4	1253.7	-20345.8	301.0	-7740.2	85.5
	16	3097.2	15.6	-21126.8	-1472.2	-9051.4	-78.2
	17	2216.2	-143.5	-20153.3	-1678.8	-7886.4	-93.2
	18	632.4	-61.6	-18783.4	-1528.8	-6636.4	43.2
	19	633.2	-947.6	-18432.4	-2776.6	-6914.6	44.5
	20	1021.5	-1267.0	-18625.2	-3242.7	-6920.8	-82.9
	21	1022.3	-2153.1	-18274.2	-4490.5	-7198.9	-81.6
	22	2375.0	-1540.7	-20149.4	-3651.6	-9832.3	104.9
	23	1494.0	-1699.8	-19175.9	-3858.3	-8667.3	89.8
	24	3099.8	-2938.0	-19956.8	-5631.5	-9978.5	-73.9
	25	2218.9	-3097.1	-18983.3	-5838.1	-8813.5	-88.9
	26	2858.0	-119.7	-24713.4	-1625.2	-11076.0	17.6
	27	2821.8	268.8	-22787.2	-167.6	-10782.3	11.8
	28	2789.9	369.4	-22288.9	202.4	-10679.4	9.7
	29	2764.7	369.0	-22770.2	-26.2	-10706.4	13.2
	30	2782.5	339.3	-23465.7	-384.2	-10812.0	17.2
	31	2724.0	472.5	-22264.9	348.1	-10592.0	11.7
	32	2772.4	259.0	-23349.3	-455.1	-10790.5	14.6
	33	3060.4	181.9	-25033.6	-465.2	-11787.2	11.7
	34	2760.3	161.7	-23091.4	-477.0	-10749.6	13.2
	35	2802.0	-1033.3	-24465.5	-3173.9	-10881.2	6.9
	36	2925.6	-1486.7	-26804.0	-4891.2	-11332.0	14.2
	37	2909.7	-1436.4	-26554.9	-4706.2	-11280.5	13.2
	38	2897.1	-1436.6	-26795.5	-4820.5	-11294.1	15.0
	39	2905.9	-1451.5	-27143.3	-4999.5	-11346.8	17.0
	40	2876.7	-1384.9	-26542.9	-4633.4	-11236.8	14.2
	41	2900.9	-1491.6	-27085.1	-5035.0	-11336.1	15.7
	42	2999.9	-1529.0	-27611.8	-5039.2	-11668.5	14.4
	43	2899.9	-1535.8	-26964.4	-5043.1	-11322.6	14.9

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	44	2910.0	-1526.8	-26981.0	-5037.6	-11336.5	14.7
	45	2717.3	-398.3	-20773.6	-2046.7	-9409.3	35.5
	46	2717.6	-700.7	-20655.2	-2472.7	-9504.1	35.9
	47	2850.8	-799.7	-20725.9	-2618.6	-9507.0	-7.0
	48	2851.0	-1102.2	-20607.5	-3044.6	-9601.8	-6.5
	49	2318.3	-81.1	-20540.4	-1594.3	-8870.5	38.1
	50	2025.2	-136.3	-20216.8	-1666.0	-8482.8	32.9
	51	2565.4	-539.8	-20480.7	-2244.6	-8920.0	-22.8
	52	2272.2	-595.0	-20157.1	-2316.3	-8532.3	-28.0
	53	1740.2	-582.1	-19695.2	-2285.9	-8116.9	18.1
	54	1740.5	-884.5	-19576.7	-2711.8	-8211.7	18.6
	55	1873.7	-983.5	-19647.5	-2857.8	-8214.6	-24.3
	56	1873.9	-1285.9	-19529.0	-3283.8	-8309.4	-23.8
	57	2319.0	-1089.3	-20145.5	-3014.1	-9186.4	39.6
	58	2025.9	-1144.4	-19822.0	-3085.9	-8798.7	34.4
	59	2566.1	-1548.0	-20085.8	-3664.4	-9235.9	-21.2
	60	2272.9	-1603.1	-19762.3	-3736.2	-8848.2	-26.4
	61	2815.0	-308.0	-20917.0	-1921.6	-9536.7	41.4
	62	2815.3	-669.0	-20774.0	-2429.9	-9650.0	42.0
	63	2973.5	-798.7	-20852.3	-2619.5	-9652.5	-9.8
	64	2973.8	-1159.7	-20709.2	-3127.8	-9765.8	-9.3
	65	2327.0	77.0	-20627.7	-1372.0	-8878.3	44.4
	66	1967.8	12.0	-20230.6	-1456.3	-8403.1	38.3
	67	2622.4	-492.9	-20548.9	-2179.6	-8937.8	-28.4
	68	2263.1	-557.9	-20151.8	-2263.9	-8462.7	-34.5
	69	1617.4	-524.5	-19593.4	-2202.6	-7952.9	21.0
	70	1617.7	-885.5	-19450.4	-2711.0	-8066.2	21.5
	71	1775.9	-1015.3	-19528.7	-2900.5	-8068.7	-30.3
	72	1776.2	-1376.3	-19385.6	-3408.9	-8182.0	-29.8
	73	2328.1	-1126.3	-20150.8	-3066.5	-9256.0	46.2
	74	1968.8	-1191.3	-19753.7	-3150.8	-8780.9	40.0
	75	2623.5	-1696.3	-20072.0	-3874.2	-9315.6	-26.6
	76	2264.2	-1761.2	-19675.0	-3958.5	-8840.4	-32.8
932	1	294.0	1648.7	-59714.0	4741.2	-1753.5	9.7
	2	400.7	932.0	-53556.1	1952.0	-1905.3	7.3
	3	390.3	773.4	-52009.4	1288.6	-1890.8	6.0
	4	310.6	1053.3	-53565.7	2144.3	-1778.3	9.2
	5	284.4	1420.4	-55726.3	3299.7	-1740.0	12.2
	6	284.7	883.6	-52004.4	1462.4	-1740.5	8.7
	7	273.0	1291.7	-55425.0	3022.3	-1725.4	9.5
	8	385.4	1061.0	-59907.6	2421.6	-2033.0	6.2
	9	259.1	1003.0	-54545.5	2397.4	-1680.3	8.3
	10	1436.5	537.6	-37341.1	2564.0	-2633.7	79.3
	11	1419.1	-342.5	-36959.8	1236.5	-2599.9	85.0
	12	1829.0	1298.5	-37633.7	3750.2	-3189.3	-38.5
	13	1811.5	418.4	-37252.4	2422.7	-3155.6	-32.8
	14	291.4	1605.3	-37333.7	4146.9	-1181.8	78.8
	15	-566.1	1690.4	-36997.1	4248.9	-94.7	63.7
	16	1013.9	2483.1	-37745.5	5502.9	-2183.3	-86.6
	17	156.4	2568.2	-37408.9	5604.9	-1096.2	-101.8
	18	-1421.9	821.5	-36219.2	2904.0	990.0	28.7
	19	-1439.3	-58.6	-35837.8	1576.5	1023.7	34.4
	20	-1029.4	1582.3	-36511.8	4090.2	434.3	-89.0
	21	-1046.9	702.2	-36130.5	2762.7	468.0	-83.4

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	22	233.3	-1328.4	-36062.6	-278.1	-1069.4	97.7
	23	-624.2	-1243.3	-35726.1	-176.1	17.7	82.6
	24	955.8	-450.6	-36474.4	1077.8	-2070.9	-67.7
	25	98.3	-365.5	-36137.9	1179.8	-983.8	-82.9
	26	222.0	1181.8	-44707.4	3515.9	-1313.4	6.2
	27	293.1	704.0	-40602.2	1656.5	-1414.6	4.6
	28	286.2	598.3	-39571.0	1214.2	-1404.9	3.7
	29	233.0	784.8	-40608.5	1784.7	-1329.9	5.8
	30	215.6	1029.6	-42049.0	2554.9	-1304.4	7.9
	31	215.8	671.7	-39567.7	1330.1	-1304.7	5.6
	32	208.0	943.8	-41848.1	2370.0	-1294.6	6.0
	33	282.9	790.0	-44836.5	1969.5	-1499.7	3.9
	34	198.7	751.3	-41261.7	1953.4	-1264.5	5.3
	35	202.6	665.6	-44624.6	3013.1	-1259.6	-2.6
	36	206.0	1233.4	-49503.0	5217.9	-1263.4	-0.5
	37	202.5	1180.6	-48987.5	4996.8	-1258.5	-1.0
	38	175.9	1273.8	-49506.2	5282.0	-1221.0	0.1
	39	167.2	1396.2	-50226.4	5667.2	-1208.3	1.1
	40	167.3	1217.3	-48985.8	5054.7	-1208.4	-0.0
	41	163.4	1353.3	-50126.0	5574.7	-1203.4	0.2
	42	193.2	1277.7	-51048.6	5383.4	-1278.6	-0.7
	43	165.2	1264.8	-49857.0	5378.0	-1200.2	-0.3
	44	178.1	1280.2	-49905.4	5401.3	-1223.9	-0.4
	45	606.1	593.4	-36939.2	2631.1	-1596.5	25.5
	46	600.2	296.5	-36810.3	2183.4	-1585.1	27.4
	47	740.5	844.9	-37036.1	3023.9	-1786.2	-13.9
	48	734.6	548.0	-36907.1	2576.2	-1774.8	-12.0
	49	224.2	955.8	-36938.6	3168.6	-1111.9	25.6
	50	-61.1	985.3	-36826.2	3204.4	-750.2	20.3
	51	470.4	1244.3	-37075.1	3614.7	-1453.4	-30.7
	52	185.1	1273.8	-36962.7	3650.5	-1091.7	-35.9
	53	-344.9	691.8	-36564.4	2750.6	-390.8	7.9
	54	-350.8	394.9	-36435.5	2302.9	-379.4	9.8
	55	-210.5	943.4	-36661.3	3143.3	-580.5	-31.4
	56	-216.4	646.5	-36532.4	2695.6	-569.1	-29.5
	57	204.5	-34.0	-36508.9	1676.2	-1074.0	31.9
	58	-80.8	-4.4	-36396.5	1712.1	-712.3	26.6
	59	450.8	254.5	-36645.4	2122.3	-1415.5	-24.3
	60	165.5	284.1	-36532.9	2158.2	-1053.8	-29.6
	61	701.3	586.5	-36982.6	2623.1	-1715.3	31.1
	62	694.2	227.8	-36827.2	2082.1	-1701.6	33.4
	63	861.2	896.1	-37102.0	3105.7	-1941.7	-16.8
	64	854.1	537.4	-36946.5	2564.7	-1928.0	-14.5
	65	234.3	1021.3	-36979.5	3267.8	-1123.3	30.9
	66	-115.4	1056.1	-36842.2	3309.4	-680.0	24.7
	67	528.7	1379.4	-37147.4	3820.8	-1531.4	-36.5
	68	179.0	1414.2	-37010.2	3862.4	-1088.1	-42.7
	69	-464.4	702.5	-36525.0	2762.1	-237.6	10.4
	70	-471.5	343.8	-36369.6	2221.0	-223.9	12.7
	71	-304.5	1012.1	-36644.4	3244.6	-464.0	-37.5
	72	-311.6	653.4	-36489.0	2703.6	-450.3	-35.2
	73	210.7	-174.3	-36461.4	1464.3	-1077.5	38.6
	74	-139.1	-139.5	-36324.1	1506.0	-634.2	32.4
	75	505.0	183.7	-36629.4	2017.3	-1485.6	-28.8

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	76	155.3	218.5	-36492.1	2059.0	-1042.3	-35.0
935	1	246.1	778.4	-67314.2	1249.6	-1667.2	21.1
	2	389.7	730.7	-62092.7	1029.3	-1955.7	15.2
	3	386.9	732.1	-60794.7	996.7	-1967.9	12.8
	4	292.5	876.3	-62085.6	1270.1	-1801.5	17.4
	5	252.9	1041.9	-63866.7	1595.1	-1715.4	22.2
	6	275.3	874.9	-60793.2	1232.6	-1792.6	15.9
	7	244.2	908.3	-63659.6	1366.5	-1707.2	18.5
	8	347.3	709.3	-69259.1	958.2	-1991.8	14.9
	9	259.8	671.1	-63195.6	962.4	-1770.2	17.1
	10	1414.8	504.4	-40059.7	884.2	-2584.4	88.2
	11	1410.4	-347.5	-40372.0	-451.7	-2587.9	90.9
	12	1829.9	245.5	-40037.0	472.9	-3217.5	-37.9
	13	1825.5	-606.4	-40349.4	-863.0	-3221.0	-35.2
	14	220.7	1480.1	-40051.6	2376.4	-985.1	94.8
	15	-659.0	1414.8	-40357.1	2244.0	168.2	80.8
	16	981.6	1105.3	-40029.3	1788.8	-2117.8	-83.3
	17	101.9	1040.1	-40334.8	1656.3	-964.5	-97.3
	18	-1517.4	286.9	-41078.2	442.7	1259.9	41.6
	19	-1521.8	-565.0	-41390.5	-893.2	1256.4	44.3
	20	-1102.3	28.0	-41055.5	31.4	626.8	-84.4
	21	-1106.6	-823.9	-41367.9	-1304.5	623.3	-81.7
	22	206.2	-1359.5	-41092.8	-2076.6	-996.6	103.8
	23	-673.5	-1424.8	-41398.3	-2209.1	156.7	89.8
	24	967.1	-1734.3	-41070.5	-2664.3	-2129.3	-74.3
	25	87.4	-1799.5	-41376.0	-2796.7	-976.0	-88.3
	26	184.6	497.7	-50304.6	805.1	-1242.2	14.5
	27	280.3	465.8	-46823.6	658.2	-1434.5	10.5
	28	278.4	466.7	-45958.3	636.4	-1442.7	9.0
	29	215.6	562.9	-46818.9	818.7	-1331.7	12.0
	30	189.1	673.3	-48006.3	1035.4	-1274.3	15.2
	31	204.1	561.9	-45957.3	793.7	-1325.8	11.0
	32	183.4	584.2	-47868.2	883.0	-1268.9	12.8
	33	252.1	451.5	-51601.3	610.7	-1458.6	10.4
	34	193.7	426.1	-47558.9	613.6	-1310.9	11.8
	35	163.1	-272.0	-50050.8	-441.7	-1174.2	4.2
	36	142.3	-229.1	-54149.9	-257.4	-1090.6	9.2
	37	141.3	-228.6	-53717.2	-268.3	-1094.7	8.4
	38	109.9	-180.6	-54147.5	-177.2	-1039.2	9.9
	39	96.7	-125.4	-54741.2	-68.8	-1010.5	11.5
	40	104.1	-181.0	-53716.7	-189.6	-1036.3	9.4
	41	93.8	-169.9	-54672.2	-145.0	-1007.8	10.3
	42	122.4	-233.2	-55859.1	-269.2	-1080.9	9.2
	43	102.9	-241.7	-54511.7	-268.2	-1031.6	9.7
	44	110.8	-227.2	-54500.0	-245.3	-1037.3	9.5
	45	571.5	64.7	-40496.1	158.7	-1511.4	32.1
	46	570.0	-222.9	-40601.5	-292.1	-1512.4	33.0
	47	713.6	-23.9	-40487.4	19.1	-1727.3	-10.4
	48	712.1	-311.5	-40592.8	-431.8	-1728.3	-9.5
	49	173.2	393.5	-40491.4	662.0	-977.4	34.4
	50	-119.5	371.7	-40593.0	617.8	-593.8	29.6
	51	432.7	267.4	-40483.2	464.6	-1364.0	-26.2
	52	140.0	245.6	-40584.8	420.5	-980.4	-31.0
	53	-404.0	-8.0	-40834.8	11.5	-232.7	15.9

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	54	-405.5	-295.5	-40940.2	-439.4	-233.7	16.9
	55	-261.9	-96.6	-40826.1	-128.2	-448.6	-26.5
	56	-263.4	-384.1	-40931.5	-579.0	-449.6	-25.6
	57	168.1	-565.0	-40842.7	-840.8	-980.7	37.5
	58	-124.5	-586.8	-40944.4	-885.0	-597.1	32.7
	59	427.6	-691.1	-40834.6	-1038.1	-1367.3	-23.1
	60	134.9	-712.9	-40936.2	-1082.3	-983.7	-27.9
	61	668.3	110.9	-40447.0	235.9	-1634.6	37.8
	62	666.5	-236.3	-40574.3	-308.6	-1636.0	38.9
	63	837.4	5.2	-40437.8	68.0	-1892.6	-13.5
	64	835.6	-342.0	-40565.1	-476.5	-1894.0	-12.4
	65	181.4	508.6	-40443.8	844.1	-982.6	40.5
	66	-177.4	482.1	-40568.4	790.2	-512.3	34.8
	67	491.4	355.8	-40434.7	604.5	-1444.0	-32.0
	68	132.7	329.3	-40559.4	550.5	-973.8	-37.7
	69	-527.5	22.5	-40862.4	56.2	-67.1	18.8
	70	-529.3	-324.7	-40989.7	-488.3	-68.5	19.9
	71	-358.4	-83.2	-40853.3	-111.7	-325.0	-32.5
	72	-360.1	-430.4	-40980.6	-656.2	-326.5	-31.4
	73	175.5	-648.7	-40868.2	-970.8	-987.3	44.2
	74	-183.3	-675.2	-40992.8	-1024.8	-517.0	38.5
	75	485.5	-801.6	-40859.1	-1210.5	-1448.8	-28.4
	76	126.8	-828.1	-40983.8	-1264.4	-978.5	-34.1
938	1	-1066.9	535.4	-66050.3	238.6	3103.4	16.4
	2	-951.1	523.2	-61845.3	187.9	2916.9	10.8
	3	-961.9	531.9	-60784.6	200.0	2934.3	8.6
	4	-1051.3	685.7	-61810.5	468.1	3082.8	13.1
	5	-1081.5	852.6	-63253.9	756.0	3133.8	18.0
	6	-1077.0	696.6	-60745.7	486.4	3123.4	11.7
	7	-1091.3	704.5	-63075.1	510.2	3146.9	14.2
	8	-1114.4	457.2	-68841.8	-34.0	3320.1	9.9
	9	-1079.7	475.3	-62647.1	151.3	3098.5	12.6
	10	705.4	581.1	-40223.7	-596.0	-8.6	86.0
	11	705.2	-297.7	-40401.8	-1971.9	-25.6	87.9
	12	1147.0	-299.9	-40397.2	-1176.7	-739.1	-41.0
	13	1146.8	-1178.6	-40575.3	-2552.6	-756.0	-39.1
	14	-565.8	1634.9	-39514.5	1880.1	1870.5	93.8
	15	-1497.8	1592.1	-39112.2	2252.4	3214.5	79.6
	16	244.1	596.6	-39752.3	426.5	557.5	-86.2
	17	-687.9	553.8	-39350.0	798.8	1901.5	-100.3
	18	-2401.2	438.3	-38882.8	645.0	4471.6	38.9
	19	-2401.4	-440.4	-39060.9	-731.0	4454.7	40.8
	20	-1959.6	-442.7	-39056.3	64.3	3741.1	-88.1
	21	-1959.7	-1321.4	-39234.4	-1311.7	3724.2	-86.2
	22	-566.5	-1294.1	-40108.0	-2706.4	1814.0	100.1
	23	-1498.4	-1337.0	-39705.8	-2334.1	3158.1	85.9
	24	243.4	-2332.4	-40345.9	-4160.0	501.1	-79.8
	25	-688.5	-2375.3	-39943.6	-3787.7	1845.1	-94.0
	26	-794.9	307.6	-49330.7	31.9	2316.7	10.9
	27	-717.7	299.5	-46527.4	-1.9	2192.3	7.2
	28	-724.9	305.3	-45820.3	6.1	2203.9	5.7
	29	-784.5	407.8	-46504.2	184.9	2302.9	8.7
	30	-804.6	519.1	-47466.5	376.8	2336.9	12.0
	31	-801.6	415.1	-45794.3	197.1	2330.0	7.8

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	32	-811.2	420.3	-47347.2	213.0	2345.7	9.5
	33	-826.5	255.4	-51191.7	-149.9	2461.1	6.6
	34	-803.4	267.5	-47062.0	-26.3	2313.4	8.4
	35	-780.9	-523.5	-48838.7	-1330.2	2255.7	-0.1
	36	-777.3	-512.7	-52174.0	-1297.6	2248.8	4.6
	37	-780.9	-509.8	-51820.5	-1293.6	2254.6	3.9
	38	-810.7	-458.5	-52162.5	-1204.2	2304.1	5.4
	39	-820.8	-402.9	-52643.6	-1108.3	2321.1	7.0
	40	-819.3	-454.9	-51807.5	-1198.2	2317.6	4.9
	41	-824.1	-452.3	-52584.0	-1190.2	2325.4	5.7
	42	-823.7	-527.2	-53820.1	-1345.2	2354.7	4.5
	43	-816.0	-523.2	-52443.5	-1304.1	2305.5	5.1
	44	-807.6	-512.2	-52447.9	-1292.5	2297.8	4.9
	45	-185.9	-311.8	-39892.7	-841.5	1239.8	29.1
	46	-186.0	-609.9	-39953.3	-1308.6	1234.3	29.8
	47	-34.7	-342.9	-39951.4	-1022.6	990.6	-13.7
	48	-34.9	-641.1	-40012.0	-1489.7	985.2	-13.0
	49	-610.0	227.3	-39655.2	-0.5	1867.4	31.8
	50	-920.1	291.0	-39521.2	126.5	2314.6	27.0
	51	-333.8	-37.5	-39735.0	-477.2	1419.2	-29.4
	52	-643.9	26.3	-39601.0	-350.1	1866.4	-34.3
	53	-1219.5	-99.2	-39446.1	-418.0	2730.4	12.8
	54	-1219.6	-397.4	-39506.6	-885.1	2725.0	13.5
	55	-1068.3	-130.4	-39504.8	-599.0	2481.2	-30.0
	56	-1068.5	-428.6	-39565.4	-1066.1	2475.8	-29.3
	57	-610.5	-766.6	-39857.1	-1557.6	1849.2	34.1
	58	-920.6	-702.8	-39723.1	-1430.5	2296.4	29.2
	59	-334.3	-1031.3	-39936.9	-2034.2	1401.0	-27.2
	60	-644.4	-967.6	-39802.9	-1907.1	1848.2	-32.1
	61	-83.7	17.3	-39930.8	-807.2	1096.6	35.0
	62	-83.7	-340.8	-40003.4	-1367.9	1089.7	35.7
	63	96.2	-341.4	-40001.5	-1044.7	799.0	-16.7
	64	96.2	-699.5	-40074.1	-1605.4	792.1	-16.0
	65	-602.0	447.1	-39641.6	201.6	1862.7	38.1
	66	-982.1	429.7	-39477.6	353.0	2410.8	32.4
	67	-272.0	23.6	-39738.6	-391.7	1327.8	-35.2
	68	-652.1	6.2	-39574.5	-240.2	1875.9	-40.9
	69	-1350.5	-40.8	-39384.0	-302.2	2923.5	15.7
	70	-1350.6	-398.9	-39456.5	-862.9	2916.6	16.5
	71	-1170.6	-399.5	-39454.6	-539.8	2625.9	-36.0
	72	-1170.7	-757.6	-39527.2	-1100.5	2619.0	-35.2
	73	-602.3	-746.6	-39883.5	-1667.4	1839.7	40.7
	74	-982.3	-764.0	-39719.5	-1515.9	2387.8	34.9
	75	-272.3	-1170.0	-39980.5	-2260.7	1304.8	-32.6
	76	-652.4	-1187.4	-39816.4	-2109.2	1852.8	-38.4
1262	1	1734.7	1775.1	-42002.2	4882.3	-7211.3	11.2
	2	1797.8	1741.0	-40542.9	4705.9	-7172.1	6.7
	3	1784.0	1746.8	-40156.1	4686.7	-7130.0	4.8
	4	1714.2	1857.6	-40554.0	4839.6	-7085.1	9.2
	5	1695.6	1979.7	-41141.4	5006.6	-7108.7	13.7
	6	1686.2	1863.3	-40151.2	4826.0	-7028.5	8.1
	7	1693.4	1882.4	-40998.0	4910.7	-7096.8	9.9
	8	1894.9	1866.4	-45288.1	5172.4	-7710.2	5.5
	9	1688.8	1718.6	-40650.3	4776.3	-7075.4	8.5

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	10	2104.3	709.5	-25720.4	1907.0	-5755.0	80.6
	11	2076.0	108.5	-24936.4	1476.7	-5451.1	82.9
	12	2713.6	521.8	-26133.6	1565.8	-6170.2	-48.5
	13	2685.3	-79.2	-25349.6	1135.5	-5866.3	-46.2
	14	1031.8	1635.0	-25456.6	3030.9	-5253.8	89.7
	15	272.9	1760.3	-24511.3	3493.8	-4489.0	77.2
	16	2081.3	1291.1	-26021.1	2526.2	-5596.0	-92.2
	17	1322.5	1416.4	-25075.8	2989.2	-4831.2	-104.8
	18	-425.3	1127.2	-22569.5	3450.2	-3205.7	38.8
	19	-453.6	526.2	-21785.5	3019.9	-2901.8	41.1
	20	184.0	939.4	-22982.8	3109.0	-3620.9	-90.3
	21	155.7	338.4	-22198.8	2678.7	-3317.0	-88.0
	22	937.5	-368.4	-22843.3	1596.5	-4240.8	97.4
	23	178.6	-243.1	-21898.1	2059.5	-3476.0	84.9
	24	1987.0	-712.3	-23407.9	1091.9	-4583.0	-84.6
	25	1228.2	-587.0	-22462.6	1554.8	-3818.2	-97.1
	26	1307.1	1253.2	-31196.1	3560.6	-5412.4	7.0
	27	1349.2	1230.5	-30223.2	3443.0	-5386.2	4.0
	28	1340.0	1234.4	-29965.4	3430.2	-5358.1	2.7
	29	1293.5	1308.3	-30230.6	3532.1	-5328.2	5.6
	30	1281.0	1389.7	-30622.2	3643.5	-5344.0	8.6
	31	1274.8	1312.1	-29962.0	3523.1	-5290.4	4.9
	32	1279.6	1324.8	-30526.6	3579.5	-5336.0	6.1
	33	1413.9	1314.2	-33386.7	3754.0	-5744.9	3.2
	34	1276.5	1215.6	-30294.8	3489.9	-5321.7	5.2
	35	1292.5	642.0	-30104.4	2903.3	-5289.1	-4.1
	36	1318.5	664.7	-31320.1	3018.7	-5404.6	-0.4
	37	1313.9	666.7	-31191.1	3012.4	-5390.5	-1.0
	38	1290.6	703.6	-31323.8	3063.3	-5375.6	0.4
	39	1284.4	744.3	-31519.6	3119.0	-5383.5	1.9
	40	1281.3	705.5	-31189.5	3058.8	-5356.7	0.1
	41	1283.7	711.9	-31471.8	3087.0	-5379.5	0.7
	42	1332.6	693.7	-32401.6	3128.2	-5518.3	-0.6
	43	1286.8	660.8	-31371.0	3040.2	-5377.2	0.1
	44	1296.3	668.0	-31401.3	3036.1	-5387.1	-0.1
	45	1453.6	585.4	-24546.7	2165.0	-4943.9	25.0
	46	1444.1	382.4	-24282.1	2019.4	-4840.0	25.8
	47	1659.5	524.4	-24686.4	2051.2	-5082.3	-18.6
	48	1650.0	321.4	-24421.8	1905.6	-4978.5	-17.8
	49	1093.4	898.4	-24463.4	2542.6	-4779.7	28.1
	50	840.3	940.8	-24148.6	2697.1	-4524.6	23.8
	51	1451.5	783.8	-24652.7	2374.0	-4893.7	-33.8
	52	1198.4	826.1	-24337.9	2528.6	-4638.6	-38.2
	53	610.0	726.6	-23497.4	2680.1	-4093.6	10.4
	54	600.5	523.6	-23232.8	2534.5	-3989.7	11.2
	55	815.9	665.5	-23637.1	2566.3	-4232.0	-33.2
	56	806.3	462.6	-23372.5	2420.7	-4128.1	-32.4
	57	1061.6	221.9	-23581.3	2057.1	-4433.5	30.8
	58	808.5	264.2	-23266.5	2211.7	-4178.4	26.4
	59	1419.7	107.2	-23770.6	1888.6	-4547.5	-31.2
	60	1166.6	149.5	-23455.8	2043.1	-4292.4	-35.5
	61	1527.4	599.7	-24677.7	2135.4	-5033.1	30.7
	62	1515.8	354.7	-24358.1	1960.1	-4909.3	31.6
	63	1775.7	523.0	-24846.1	1996.3	-5202.4	-21.9

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	64	1764.2	278.1	-24526.6	1820.9	-5078.6	-21.0
	65	1090.2	976.9	-24569.9	2593.6	-4828.5	34.4
	66	780.7	1027.9	-24184.3	2782.4	-4516.6	29.2
	67	1517.8	836.6	-24800.0	2387.7	-4968.1	-39.8
	68	1208.3	887.6	-24414.5	2576.6	-4656.2	-44.9
	69	495.8	769.9	-23392.6	2764.8	-3993.5	13.6
	70	484.2	524.9	-23073.0	2589.4	-3869.6	14.5
	71	744.1	693.2	-23561.0	2625.6	-4162.8	-39.0
	72	732.6	448.3	-23241.5	2450.3	-4039.0	-38.0
	73	1051.7	160.3	-23504.7	2009.1	-4415.8	37.5
	74	742.2	211.4	-23119.1	2197.9	-4103.9	32.4
	75	1479.3	20.1	-23734.8	1803.3	-4555.4	-36.6
	76	1169.8	71.1	-23349.3	1992.1	-4243.5	-41.8
1279	1	-1840.2	3308.7	-38272.5	10374.0	5834.5	24.2
	2	-1692.8	3166.4	-36772.9	9847.3	5570.5	19.1
	3	-1686.7	3135.1	-36415.5	9711.6	5541.6	17.0
	4	-1785.5	3281.8	-36893.4	9954.9	5690.7	21.6
	5	-1839.8	3460.3	-37493.6	10284.1	5793.5	26.5
	6	-1794.6	3249.3	-36544.6	9813.3	5679.9	20.4
	7	-1832.6	3336.0	-37352.1	10125.2	5773.6	22.6
	8	-1873.1	3454.2	-41107.9	10919.9	6047.1	18.7
	9	-1816.8	3125.1	-37061.9	9835.6	5723.0	20.7
	10	-146.6	2380.7	-21657.5	7058.8	2656.1	91.5
	11	-139.5	1673.7	-20978.5	6306.2	2604.2	92.5
	12	534.5	1855.0	-20975.2	6672.2	1796.3	-37.9
	13	541.6	1148.1	-20296.2	5919.6	1744.4	-36.9
	14	-1322.9	3026.1	-23177.7	7296.0	4067.0	100.6
	15	-2111.9	2798.1	-23644.6	6681.8	4951.7	86.5
	16	-146.9	2327.2	-22128.9	6757.8	2571.0	-82.6
	17	-936.0	2099.3	-22595.8	6143.6	3455.7	-96.8
	18	-2776.7	1620.9	-23214.0	5011.5	5605.1	44.2
	19	-2769.6	914.0	-22535.0	4259.0	5553.1	45.2
	20	-2095.6	1095.2	-22531.7	4624.9	4745.3	-85.2
	21	-2088.5	388.3	-21852.7	3872.4	4693.3	-84.1
	22	-1299.2	669.7	-20914.4	4787.5	3893.7	104.1
	23	-2088.2	441.7	-21381.3	4173.4	4778.4	90.0
	24	-123.2	-29.2	-19865.6	4249.3	2397.7	-79.2
	25	-912.3	-257.1	-20332.5	3635.1	3282.4	-93.3
	26	-1375.8	2390.4	-28415.7	7644.7	4379.6	16.6
	27	-1277.5	2295.6	-27416.0	7293.6	4203.6	13.2
	28	-1273.5	2274.7	-27177.7	7203.1	4184.4	11.9
	29	-1339.3	2372.5	-27496.3	7365.3	4283.8	14.9
	30	-1375.6	2491.4	-27896.4	7584.8	4352.3	18.2
	31	-1345.4	2350.8	-27263.8	7271.0	4276.6	14.1
	32	-1370.8	2408.6	-27802.1	7478.9	4339.0	15.5
	33	-1397.7	2487.4	-30305.9	8008.7	4521.3	12.9
	34	-1360.2	2268.0	-27608.6	7285.8	4305.3	14.3
	35	-1313.5	1695.6	-27374.8	6788.5	4232.1	4.2
	36	-1351.9	1820.9	-28523.1	7239.6	4345.8	8.6
	37	-1349.8	1810.4	-28404.0	7194.4	4336.2	7.9
	38	-1382.8	1859.3	-28563.3	7275.5	4385.9	9.4
	39	-1400.9	1918.8	-28763.4	7385.2	4420.2	11.0
	40	-1385.8	1848.5	-28447.1	7228.3	4382.3	9.0
	41	-1398.5	1877.4	-28716.2	7332.2	4413.5	9.7

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	42	-1401.4	1886.9	-29522.3	7486.7	4465.1	8.5
	43	-1388.9	1813.8	-28623.2	7245.8	4393.1	9.0
	44	-1380.2	1827.2	-28630.6	7266.0	4385.8	8.8
	45	-794.8	1718.3	-21718.0	5995.6	3335.6	33.5
	46	-792.7	1478.7	-21485.8	5741.1	3318.8	33.8
	47	-565.0	1542.9	-21498.5	5869.9	3046.0	-10.2
	48	-562.9	1303.3	-21266.3	5615.4	3029.2	-9.8
	49	-1190.2	1937.1	-22234.4	6079.7	3810.5	36.7
	50	-1453.4	1861.3	-22392.2	5875.8	4105.9	31.8
	51	-788.7	1706.2	-21892.1	5903.7	3299.5	-25.7
	52	-1052.0	1630.4	-22049.9	5699.7	3594.9	-30.6
	53	-1672.3	1465.6	-22243.9	5315.7	4320.2	17.1
	54	-1670.2	1226.1	-22011.7	5061.2	4303.4	17.5
	55	-1442.5	1290.2	-22024.4	5190.0	4030.6	-26.5
	56	-1440.4	1050.7	-21792.2	4935.5	4013.8	-26.1
	57	-1183.2	1138.6	-21460.3	5231.4	3754.6	38.0
	58	-1446.4	1062.8	-21618.1	5027.4	4049.9	33.1
	59	-781.7	907.7	-21118.0	5055.4	3243.5	-24.4
	60	-1045.0	831.9	-21275.8	4851.4	3538.9	-29.3
	61	-721.6	1790.6	-21715.5	6115.3	3259.3	39.4
	62	-718.6	1502.5	-21438.9	5808.6	3238.1	39.8
	63	-443.9	1576.1	-21436.9	5957.5	2908.8	-13.2
	64	-441.0	1288.0	-21160.2	5650.8	2887.6	-12.8
	65	-1201.1	2053.7	-22335.0	6211.8	3834.5	43.2
	66	-1522.9	1960.8	-22525.4	5961.3	4195.2	37.4
	67	-722.0	1768.5	-21906.9	5992.1	3225.0	-31.5
	68	-1043.8	1675.6	-22097.2	5741.6	3585.7	-37.3
	69	-1794.1	1481.0	-22350.0	5280.4	4461.8	20.1
	70	-1791.2	1192.9	-22073.3	4973.7	4440.6	20.6
	71	-1516.5	1266.5	-22071.3	5122.5	4111.3	-32.5
	72	-1513.6	978.4	-21794.7	4815.8	4090.1	-32.1
	73	-1191.4	1093.3	-21413.0	5189.5	3763.7	44.6
	74	-1513.2	1000.5	-21603.3	4939.0	4124.5	38.8
	75	-712.3	808.2	-20984.8	4969.8	3154.2	-30.1
	76	-1034.1	715.3	-21175.2	4719.3	3515.0	-35.9
1313	1	-1832.2	3994.4	-30725.5	13393.7	5957.6	4.7
	2	-1672.1	3944.1	-29638.9	13002.2	5662.4	-0.7
	3	-1664.9	3952.8	-29412.9	12935.7	5626.1	-2.5
	4	-1769.3	4040.5	-29796.2	13127.2	5787.1	2.2
	5	-1824.2	4153.3	-30223.6	13386.5	5891.8	6.5
	6	-1780.5	4035.9	-29580.3	13043.4	5774.3	1.5
	7	-1822.9	4077.5	-30136.1	13276.7	5883.4	3.5
	8	-2033.5	4194.2	-31863.1	13908.3	6809.6	-2.3
	9	-1586.6	4070.2	-31441.5	13666.9	5028.6	2.1
	10	-210.0	1473.0	-14843.4	6556.6	2996.1	71.7
	11	-223.8	688.9	-14169.7	5695.9	2970.7	76.4
	12	463.7	2490.9	-14743.4	7731.0	2216.7	-52.9
	13	449.9	1706.8	-14069.7	6870.3	2191.3	-48.3
	14	-1360.6	2448.4	-17463.1	7620.4	4337.8	78.6
	15	-2152.6	2566.6	-18995.4	7735.5	5218.1	67.9
	16	-201.1	3620.8	-17271.0	8943.9	2988.3	-95.5
	17	-993.1	3739.0	-18803.3	9059.0	3868.6	-106.3
	18	-2849.9	1866.9	-19951.1	6940.2	5930.5	36.0
	19	-2863.8	1082.8	-19277.4	6079.5	5905.1	40.6

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	20	-2176.2	2884.9	-19851.1	8114.6	5151.1	-88.6
	21	-2190.1	2100.8	-19177.4	7253.9	5125.7	-84.0
	22	-1406.9	-165.2	-15217.5	4751.5	4253.2	94.0
	23	-2198.9	-47.0	-16749.8	4866.6	5133.5	83.3
	24	-247.4	1007.2	-15025.4	6075.0	2903.7	-80.1
	25	-1039.4	1125.3	-16557.7	6190.0	3784.0	-90.9
	26	-1381.5	2901.2	-22751.7	9849.9	4513.2	2.3
	27	-1274.7	2867.6	-22027.3	9588.8	4316.4	-1.3
	28	-1269.9	2873.4	-21876.7	9544.5	4292.2	-2.5
	29	-1339.5	2931.9	-22132.2	9672.1	4399.5	0.6
	30	-1376.1	3007.1	-22417.1	9845.0	4469.3	3.5
	31	-1347.0	2928.8	-21988.3	9616.3	4391.0	0.2
	32	-1375.3	2956.6	-22358.8	9771.8	4463.8	1.5
	33	-1515.6	3034.4	-23510.1	10192.9	5081.2	-2.3
	34	-1217.7	2951.7	-23229.0	10032.0	3893.8	0.6
	35	-1340.2	2280.2	-21847.5	8885.2	4433.5	-7.4
	36	-1382.0	2323.4	-22614.3	9198.4	4562.0	-3.7
	37	-1379.6	2326.3	-22538.9	9176.2	4550.0	-4.3
	38	-1414.4	2355.5	-22666.7	9240.0	4603.6	-2.7
	39	-1432.7	2393.2	-22809.2	9326.5	4638.5	-1.3
	40	-1418.1	2354.0	-22594.7	9212.1	4599.3	-2.9
	41	-1432.3	2367.9	-22780.0	9289.9	4635.7	-2.3
	42	-1472.6	2379.8	-23139.7	9408.0	4831.8	-3.9
	43	-1373.3	2352.3	-23046.0	9354.4	4436.0	-2.9
	44	-1412.7	2325.9	-22707.7	9223.3	4606.4	-3.2
	45	-870.9	1682.8	-16295.3	6790.1	3706.8	20.4
	46	-875.7	1417.6	-16068.3	6499.4	3698.7	21.9
	47	-643.5	2018.9	-16254.1	7175.1	3443.9	-21.7
	48	-648.4	1753.6	-16027.1	6884.3	3435.8	-20.1
	49	-1257.8	2015.6	-17170.1	7152.0	4158.0	22.8
	50	-1522.0	2056.7	-17679.6	7192.8	4451.7	19.0
	51	-862.0	2401.0	-17097.9	7586.9	3697.1	-36.5
	52	-1126.2	2442.2	-17607.4	7627.7	3990.8	-40.3
	53	-1751.7	1820.1	-17993.6	6926.2	4686.0	7.8
	54	-1756.5	1554.9	-17766.7	6635.4	4677.9	9.4
	55	-1524.3	2156.1	-17952.5	7311.1	4423.1	-34.2
	56	-1529.1	1890.9	-17725.5	7020.3	4415.0	-32.6
	57	-1273.8	1131.5	-16413.4	6182.8	4131.0	28.0
	58	-1538.0	1172.7	-16922.9	6223.6	4424.8	24.2
	59	-878.0	1517.0	-16341.2	6617.7	3670.1	-31.3
	60	-1142.3	1558.2	-16850.7	6658.5	3963.9	-35.1
	61	-796.2	1659.1	-16126.2	6763.5	3626.6	25.6
	62	-801.9	1339.5	-15851.6	6412.8	3616.2	27.5
	63	-521.6	2073.0	-16085.9	7240.5	3308.9	-25.1
	64	-527.2	1753.5	-15811.2	6889.8	3298.5	-23.2
	65	-1265.3	2056.2	-17194.6	7196.4	4173.6	28.4
	66	-1588.3	2104.5	-17819.6	7243.6	4532.6	24.0
	67	-792.9	2534.3	-17116.6	7735.9	3623.8	-42.6
	68	-1115.9	2582.6	-17741.6	7783.1	3982.8	-46.9
	69	-1872.8	1820.2	-18209.6	6920.7	4823.3	11.0
	70	-1878.4	1500.7	-17934.9	6570.0	4812.9	12.9
	71	-1598.2	2234.2	-18169.2	7397.6	4505.6	-39.7
	72	-1603.8	1914.7	-17894.6	7046.9	4495.2	-37.8
	73	-1284.2	991.1	-16279.2	6027.4	4139.0	34.7

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	74	-1607.1	1039.5	-16904.2	6074.6	4498.0	30.3
	75	-811.7	1469.2	-16201.2	6566.9	3589.2	-36.3
	76	-1134.7	1517.6	-16826.2	6614.1	3948.2	-40.7
1314	1	2070.4	3106.9	-21624.8	10014.3	-8368.8	20.9
	2	2159.4	2992.9	-20527.7	9444.0	-8402.4	14.3
	3	2145.8	2981.8	-20231.8	9319.8	-8362.0	13.1
	4	2063.9	3092.7	-20530.7	9555.8	-8283.0	17.0
	5	2036.0	3231.4	-20995.6	9868.9	-8278.5	21.9
	6	2033.5	3072.0	-20207.7	9418.3	-8225.8	16.9
	7	2032.6	3146.1	-20869.4	9748.6	-8270.4	19.6
	8	2321.8	3264.0	-22742.0	10431.4	-9174.7	13.4
	9	2033.3	2946.2	-20452.8	9453.5	-8260.5	17.2
	10	2312.5	1331.5	-14690.3	5463.0	-6606.5	76.9
	11	2261.5	566.4	-13646.0	4549.7	-6146.8	84.8
	12	3042.2	1982.8	-15895.2	6256.1	-7239.0	-50.2
	13	2991.1	1217.7	-14850.9	5342.8	-6779.3	-42.3
	14	1144.5	2266.8	-14307.8	6558.1	-6018.1	80.8
	15	316.5	2348.4	-13148.3	6637.4	-5006.7	70.6
	16	2397.2	3023.1	-16008.8	7477.2	-6540.0	-96.3
	17	1569.1	3104.7	-14849.3	7556.5	-5528.6	-106.5
	18	-447.6	1603.4	-10825.3	5727.4	-3235.0	42.9
	19	-498.7	838.3	-9781.0	4814.1	-2775.3	50.8
	20	282.0	2254.8	-12030.1	6520.6	-3867.5	-84.1
	21	230.9	1489.7	-10985.8	5607.3	-3407.8	-76.3
	22	974.4	-283.5	-10826.9	3513.7	-4485.8	107.1
	23	146.3	-201.9	-9667.3	3593.1	-3474.3	96.9
	24	2227.0	472.8	-12527.9	4432.8	-5007.7	-70.0
	25	1398.9	554.3	-11368.3	4512.2	-3996.2	-80.2
	26	1549.8	2259.3	-16128.3	7414.2	-6246.8	14.0
	27	1609.2	2183.4	-15396.9	7034.0	-6269.2	9.6
	28	1600.1	2175.9	-15199.6	6951.2	-6242.3	8.8
	29	1545.5	2249.9	-15398.9	7108.5	-6189.6	11.4
	30	1526.9	2342.3	-15708.8	7317.3	-6186.6	14.7
	31	1525.2	2236.1	-15183.5	7016.9	-6151.5	11.3
	32	1524.7	2285.5	-15624.7	7237.1	-6181.2	13.1
	33	1717.4	2364.1	-16873.1	7692.3	-6784.1	9.0
	34	1525.1	2152.2	-15346.9	7040.3	-6174.6	11.5
	35	1528.2	1680.7	-15506.6	6700.8	-6090.4	0.5
	36	1543.9	1773.9	-16449.3	7158.6	-6174.7	5.4
	37	1539.4	1770.2	-16350.7	7117.2	-6161.2	5.0
	38	1512.0	1807.2	-16450.3	7195.8	-6134.9	6.3
	39	1502.8	1853.4	-16605.3	7300.2	-6133.4	8.0
	40	1501.9	1800.3	-16342.6	7150.0	-6115.8	6.3
	41	1501.6	1825.0	-16563.2	7260.1	-6130.7	7.2
	42	1571.2	1836.4	-16959.4	7389.9	-6336.8	5.4
	43	1507.1	1765.8	-16450.7	7172.6	-6133.6	6.3
	44	1517.5	1780.7	-16503.5	7194.4	-6146.1	5.9
	45	1617.8	1385.0	-13464.2	5511.6	-5543.8	26.4
	46	1600.8	1126.8	-13109.5	5203.3	-5386.6	29.0
	47	1863.8	1600.6	-13860.4	5775.4	-5753.5	-16.5
	48	1846.7	1342.4	-13505.7	5467.1	-5596.3	-13.8
	49	1224.7	1702.6	-13342.5	5883.9	-5351.4	27.9
	50	948.4	1730.7	-12954.3	5911.4	-5013.7	24.3
	51	1652.1	1951.1	-13904.0	6186.4	-5524.8	-32.4

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	52	1375.7	1979.2	-13515.9	6213.9	-5187.0	-36.0
	53	696.8	1478.8	-12170.5	5603.2	-4418.0	14.5
	54	679.7	1220.6	-11815.8	5294.9	-4260.8	17.1
	55	942.7	1694.3	-12566.7	5866.9	-4627.8	-28.4
	56	925.6	1436.1	-12212.0	5558.7	-4470.5	-25.8
	57	1167.7	841.9	-12160.3	4856.3	-4827.3	36.6
	58	891.4	870.1	-11772.2	4883.8	-4489.6	33.0
	59	1595.1	1090.4	-12721.8	5158.8	-5000.6	-23.7
	60	1318.8	1118.6	-12333.7	5186.3	-4662.9	-27.3
	61	1696.2	1378.4	-13593.1	5505.8	-5659.2	31.5
	62	1675.4	1066.5	-13167.5	5133.5	-5472.0	34.7
	63	1993.7	1643.5	-14084.7	5828.8	-5917.3	-20.2
	64	1972.8	1331.7	-13659.2	5456.6	-5730.0	-17.0
	65	1220.1	1759.4	-13436.7	5951.9	-5419.1	33.1
	66	882.4	1792.7	-12963.9	5984.2	-5006.6	29.0
	67	1730.5	2067.9	-14130.8	6326.8	-5632.0	-39.0
	68	1392.8	2101.2	-13658.0	6359.2	-5219.5	-43.2
	69	570.6	1489.5	-12017.0	5613.7	-4284.4	17.6
	70	549.8	1177.7	-11591.4	5241.4	-4097.1	20.8
	71	868.1	1754.6	-12508.7	5936.7	-4542.4	-34.1
	72	847.2	1442.8	-12083.1	5564.5	-4355.1	-30.9
	73	1150.7	720.0	-12018.2	4711.1	-4794.8	43.8
	74	813.0	753.3	-11545.4	4743.4	-4382.4	39.7
	75	1661.1	1028.4	-12712.3	5086.0	-5007.7	-28.3
	76	1323.4	1061.8	-12239.4	5118.4	-4595.2	-32.5
1315	1	-3236.2	3626.9	-24581.0	11718.5	11062.0	-8.5
	2	-3075.7	3431.1	-22921.8	10925.3	10740.2	-7.5
	3	-3068.0	3397.0	-22547.7	10744.0	10703.9	-9.0
	4	-3178.3	3534.9	-23097.9	11034.3	10893.1	-5.4
	5	-3241.9	3705.7	-23757.3	11414.8	11033.4	-3.2
	6	-3189.9	3495.6	-22735.4	10846.5	10889.8	-6.2
	7	-3232.1	3610.6	-23609.6	11290.0	11006.7	-7.3
	8	-3451.0	3748.7	-25405.7	12079.4	11940.8	-10.3
	9	-3211.2	3414.8	-23337.1	11029.3	10931.8	-7.1
	10	-720.7	1924.3	-13058.2	7004.3	4811.2	70.0
	11	-700.1	1264.7	-12243.4	6366.0	4259.3	68.6
	12	56.8	2127.6	-12508.3	7049.0	4106.8	-52.1
	13	77.5	1468.0	-11693.5	6410.6	3554.9	-53.5
	14	-2068.6	2709.5	-15618.1	7629.2	6828.4	82.8
	15	-2959.8	2724.8	-16883.0	7578.7	8078.2	70.8
	16	-723.3	2917.5	-14801.1	7795.9	6293.5	-89.8
	17	-1614.5	2932.8	-16066.0	7745.4	7543.2	-101.8
	18	-3691.6	1975.4	-17274.6	6836.0	8977.0	29.8
	19	-3670.9	1315.7	-16459.8	6197.6	8425.0	28.4
	20	-2914.1	2178.7	-16724.6	6880.7	8272.6	-92.3
	21	-2893.4	1519.0	-15909.9	6242.3	7720.6	-93.7
	22	-1999.6	510.6	-12902.1	5501.2	4988.7	78.1
	23	-2890.8	525.9	-14167.0	5450.7	6238.4	66.1
	24	-654.3	718.6	-12085.1	5668.0	4453.7	-94.5
	25	-1545.6	733.9	-13350.0	5617.5	5703.4	-106.5
	26	-2398.4	2647.5	-18318.5	8695.5	8210.1	-7.2
	27	-2291.4	2517.0	-17212.4	8166.6	7995.6	-6.6
	28	-2286.3	2494.3	-16963.0	8045.8	7971.4	-7.6
	29	-2359.8	2586.2	-17329.8	8239.3	8097.5	-5.2

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	30	-2402.2	2700.0	-17769.4	8493.0	8191.0	-3.7
	31	-2367.5	2559.9	-17088.1	8114.1	8095.3	-5.7
	32	-2395.7	2636.6	-17670.9	8409.8	8173.2	-6.5
	33	-2541.6	2728.7	-18868.3	8936.1	8796.0	-8.4
	34	-2381.7	2506.1	-17489.3	8236.0	8123.3	-6.3
	35	-2264.4	2065.4	-17661.3	8050.2	7793.4	-14.4
	36	-2308.4	2221.7	-18891.4	8675.7	7938.7	-15.0
	37	-2305.8	2210.4	-18766.7	8615.3	7926.6	-15.5
	38	-2342.6	2256.3	-18950.1	8712.1	7989.6	-14.3
	39	-2363.8	2313.2	-19169.9	8838.9	8036.4	-13.5
	40	-2346.5	2243.2	-18829.3	8649.5	7988.6	-14.5
	41	-2360.5	2281.5	-19120.7	8797.3	8027.5	-14.9
	42	-2401.9	2296.4	-19486.2	8949.7	8221.2	-15.6
	43	-2348.6	2222.2	-19026.5	8716.4	7997.0	-14.9
	44	-2338.7	2234.2	-19019.9	8728.3	7985.8	-15.1
	45	-1445.9	1790.5	-14013.4	6752.3	5782.1	16.0
	46	-1439.3	1568.2	-13737.4	6537.2	5592.9	15.6
	47	-1183.5	1857.5	-13826.4	6765.7	5548.6	-25.2
	48	-1177.0	1635.2	-13550.5	6550.7	5359.4	-25.6
	49	-1899.0	2055.8	-14871.3	6963.4	6460.4	20.4
	50	-2196.4	2061.1	-15292.6	6946.5	6877.5	16.2
	51	-1439.6	2123.2	-14595.4	7017.0	6285.0	-38.4
	52	-1737.0	2128.5	-15016.6	7000.1	6702.1	-42.6
	53	-2437.2	1808.1	-15417.6	6696.0	7172.4	2.0
	54	-2430.6	1585.8	-15141.7	6480.9	6983.2	1.6
	55	-2174.8	1875.2	-15230.7	6709.4	6939.0	-39.2
	56	-2168.3	1652.9	-14954.7	6494.4	6749.8	-39.6
	57	-1877.2	1314.8	-13951.4	6246.6	5829.7	19.0
	58	-2174.5	1320.1	-14372.7	6229.7	6246.8	14.8
	59	-1417.8	1382.2	-13675.5	6300.2	5654.4	-39.8
	60	-1715.1	1387.5	-14096.8	6283.3	6071.5	-44.0
	61	-1364.0	1804.3	-13902.3	6778.5	5672.6	21.5
	62	-1355.5	1535.4	-13570.2	6518.3	5447.8	20.9
	63	-1047.1	1887.1	-13678.2	6796.8	5385.3	-28.2
	64	-1038.6	1618.2	-13346.1	6536.6	5160.4	-28.8
	65	-1913.5	2124.2	-14946.1	7033.2	6495.0	26.7
	66	-2276.9	2130.5	-15462.0	7012.7	7004.6	21.8
	67	-1365.4	2209.1	-14613.0	7101.3	6276.7	-43.6
	68	-1728.9	2215.4	-15128.9	7080.8	6786.3	-48.5
	69	-2575.5	1825.1	-15622.0	6710.0	7371.4	5.1
	70	-2567.1	1556.2	-15289.9	6449.8	7146.6	4.5
	71	-2258.6	1907.9	-15397.9	6728.3	7084.1	-44.6
	72	-2250.1	1639.1	-15065.8	6468.1	6859.2	-45.2
	73	-1885.3	1228.0	-13839.2	6165.9	5745.6	24.8
	74	-2248.7	1234.2	-14355.1	6145.3	6255.2	19.9
	75	-1337.2	1312.9	-13506.1	6234.0	5527.2	-45.5
	76	-1700.7	1319.1	-14022.0	6213.5	6036.9	-50.4
1320	1	1943.0	3446.3	-20802.0	10766.4	-8026.2	8.7
	2	2040.3	3224.3	-19807.3	9992.9	-8102.3	4.6
	3	2032.4	3173.4	-19528.6	9804.8	-8077.4	2.6
	4	1947.7	3360.1	-19839.7	10154.2	-7982.4	5.7
	5	1916.6	3580.1	-20308.8	10591.6	-7968.4	9.4
	6	1923.2	3313.2	-19545.3	9971.3	-7934.9	4.4
	7	1916.1	3436.7	-20141.9	10398.2	-7957.5	6.3

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	8	2196.1	3486.2	-21884.6	10984.6	-8854.7	3.3
	9	1910.2	3224.7	-19738.6	10122.5	-7926.7	5.3
	10	2290.6	2582.3	-15070.0	6919.6	-6659.3	84.3
	11	2258.8	1829.9	-14155.2	6151.1	-6229.5	86.9
	12	3004.3	1548.6	-14710.1	5818.8	-7231.5	-34.7
	13	2972.6	796.3	-13795.3	5050.2	-6801.7	-32.0
	14	1058.7	3378.4	-14612.8	7738.0	-5847.0	87.0
	15	191.6	3240.6	-13248.4	7608.9	-4665.5	70.8
	16	2287.0	2186.6	-14118.3	6492.6	-6290.0	-81.8
	17	1419.9	2048.9	-12754.0	6363.5	-5108.5	-98.1
	18	-599.7	2123.2	-10522.2	6489.3	-2721.1	29.9
	19	-631.4	1370.9	-9607.5	5720.7	-2291.3	32.6
	20	114.0	1089.6	-10162.3	5388.4	-3293.3	-89.0
	21	82.3	337.2	-9247.5	4619.9	-2863.5	-86.3
	22	953.0	870.6	-11563.5	5176.1	-4414.3	96.0
	23	85.9	732.9	-10199.2	5047.0	-3232.8	79.7
	24	2181.2	-321.2	-11069.1	3930.7	-4857.3	-72.8
	25	1314.2	-458.9	-9704.8	3801.5	-3675.8	-89.1
	26	1453.5	2492.2	-15489.2	7946.9	-5985.6	5.7
	27	1518.4	2344.2	-14826.1	7431.2	-6036.4	2.9
	28	1513.1	2310.2	-14640.2	7305.9	-6019.8	1.6
	29	1456.7	2434.7	-14847.6	7538.8	-5956.5	3.7
	30	1435.9	2581.3	-15160.4	7830.4	-5947.1	6.1
	31	1440.3	2403.4	-14651.4	7416.8	-5924.8	2.8
	32	1435.6	2485.8	-15049.1	7701.4	-5939.9	4.1
	33	1622.3	2518.8	-16210.9	8092.4	-6538.0	2.1
	34	1431.6	2344.4	-14780.3	7517.6	-5919.4	3.4
	35	1425.7	1752.6	-14695.5	7034.6	-5796.5	-1.6
	36	1432.1	1934.0	-15562.4	7651.4	-5851.9	2.3
	37	1429.5	1917.0	-15469.5	7588.7	-5843.7	1.6
	38	1401.2	1979.2	-15573.2	7705.2	-5812.0	2.7
	39	1390.9	2052.6	-15729.5	7851.0	-5807.3	3.9
	40	1393.1	1963.6	-15475.0	7644.2	-5796.1	2.2
	41	1390.7	2004.8	-15673.9	7786.5	-5803.7	2.9
	42	1458.0	1996.6	-16039.4	7888.3	-6008.3	2.0
	43	1394.4	1938.5	-15562.5	7696.7	-5802.1	2.5
	44	1405.8	1947.2	-15608.6	7701.0	-5819.4	2.4
	45	1553.3	1839.4	-13125.4	6158.5	-5395.6	27.8
	46	1542.6	1582.7	-12816.3	5896.1	-5248.8	28.7
	47	1794.3	1496.4	-13012.5	5794.8	-5587.1	-12.1
	48	1783.6	1239.6	-12703.4	5532.4	-5440.3	-11.2
	49	1139.3	2107.1	-12979.8	6433.8	-5129.1	28.9
	50	850.1	2059.2	-12526.5	6388.4	-4735.2	23.3
	51	1558.4	1716.2	-12821.5	6025.9	-5277.1	-28.4
	52	1269.2	1668.4	-12368.2	5980.5	-4883.2	-34.1
	53	589.3	1679.9	-11614.2	6007.1	-4082.5	9.1
	54	578.5	1423.1	-11305.0	5744.7	-3935.7	10.0
	55	830.2	1336.8	-11501.3	5643.5	-4274.0	-30.8
	56	819.5	1080.0	-11192.1	5381.0	-4127.2	-29.9
	57	1103.6	1251.1	-11949.3	5559.0	-4639.6	32.0
	58	814.4	1203.3	-11496.0	5513.6	-4245.7	26.4
	59	1522.7	860.3	-11791.0	5151.1	-4787.6	-25.4
	60	1233.5	812.4	-11337.7	5105.7	-4393.7	-31.0
	61	1636.8	1917.1	-13346.3	6238.1	-5535.3	33.7

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	62	1623.8	1610.6	-12973.4	5925.0	-5360.2	34.8
	63	1927.7	1496.5	-13199.1	5790.6	-5768.6	-14.7
	64	1914.8	1190.0	-12826.2	5477.5	-5593.5	-13.6
	65	1134.6	2241.8	-13159.4	6571.9	-5203.8	34.8
	66	781.0	2185.5	-12602.9	6519.1	-4722.0	28.2
	67	1635.0	1755.7	-12957.4	6064.1	-5384.5	-33.9
	68	1281.4	1699.4	-12401.0	6011.3	-4902.7	-40.6
	69	458.1	1729.5	-11491.3	6062.0	-3929.2	11.5
	70	445.2	1423.0	-11118.4	5748.9	-3754.1	12.6
	71	749.0	1308.9	-11344.1	5614.6	-4162.6	-36.9
	72	736.1	1002.4	-10971.3	5301.4	-3987.5	-35.8
	73	1091.5	1220.1	-11916.6	5528.2	-4620.1	38.5
	74	737.9	1163.8	-11360.1	5475.4	-4138.3	31.8
	75	1591.9	734.0	-11714.6	5020.4	-4800.8	-30.3
	76	1238.3	677.7	-11158.1	4967.6	-4319.0	-36.9
1607	1	378.5	3163.2	-32802.2	7605.4	-475.1	537.7
	2	433.0	3065.7	-31358.6	7293.2	-580.0	499.5
	3	425.4	3049.9	-30996.9	7218.7	-597.2	495.2
	4	400.7	3139.7	-31310.8	7342.9	-575.3	509.5
	5	396.1	3291.4	-32181.4	7611.4	-531.9	528.5
	6	378.8	3181.3	-31593.9	7419.9	-548.0	519.1
	7	382.7	3165.8	-31593.7	7408.4	-553.0	519.2
	8	448.9	3057.3	-31704.7	7300.0	-701.1	513.1
	9	340.5	3497.7	-36405.4	8489.5	-371.7	594.7
	10	1274.7	1513.3	-15466.2	3745.0	985.0	797.1
	11	1269.9	982.4	-16022.0	3319.9	1097.8	792.7
	12	985.9	1536.5	-15390.0	3744.9	834.8	697.5
	13	981.2	1005.6	-15945.7	3319.8	947.7	693.1
	14	740.5	1988.0	-14930.5	4022.7	-180.0	359.8
	15	183.9	1919.9	-15026.4	3871.1	-969.4	68.7
	16	232.2	2141.5	-14852.5	4105.5	-105.4	465.6
	17	-324.5	2073.3	-14948.3	3954.0	-894.9	174.4
	18	-581.0	1286.0	-15785.6	3239.9	-1646.5	-173.5
	19	-585.7	755.1	-16341.3	2814.8	-1533.6	-177.8
	20	-869.7	1309.2	-15709.4	3239.8	-1796.6	-273.1
	21	-874.5	778.3	-16265.1	2814.7	-1683.8	-277.4
	22	724.7	218.3	-16783.0	2605.7	196.1	345.3
	23	168.0	150.1	-16878.8	2454.1	-593.4	54.1
	24	216.3	371.7	-16705.0	2688.6	270.6	451.0
	25	-340.4	303.6	-16800.8	2537.0	-518.8	159.8
	26	279.0	2261.6	-23983.6	5507.6	-363.3	393.1
	27	315.4	2196.6	-23021.2	5299.4	-433.2	367.6
	28	310.3	2186.0	-22780.0	5249.8	-444.7	364.8
	29	293.8	2245.9	-22989.3	5332.6	-430.1	374.3
	30	290.7	2347.0	-23569.7	5511.6	-401.2	387.0
	31	279.2	2273.6	-23178.0	5383.9	-412.0	380.7
	32	281.8	2263.3	-23177.9	5376.2	-415.3	380.8
	33	326.0	2191.0	-23251.9	5304.0	-514.0	376.7
	34	253.7	2484.5	-26385.7	6097.0	-294.4	431.1
	35	210.4	1688.1	-22576.3	4800.1	-313.0	369.9
	36	212.9	1769.0	-23703.4	5053.3	-252.5	389.1
	37	210.4	1763.7	-23582.8	5028.5	-258.3	387.7
	38	202.1	1793.6	-23687.4	5069.9	-251.0	392.5
	39	200.6	1844.2	-23977.7	5159.4	-236.5	398.8

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	40	194.8	1807.5	-23781.8	5095.6	-241.9	395.7
	41	196.1	1802.3	-23781.7	5091.7	-243.5	395.7
	42	211.6	1769.0	-23813.1	5061.2	-275.4	393.9
	43	187.5	1866.8	-24857.7	5325.5	-202.2	412.0
	44	198.5	1774.5	-23801.7	5072.4	-240.3	394.3
	45	548.6	1262.4	-15741.0	3408.9	-12.4	398.6
	46	547.2	1086.5	-15909.2	3274.3	24.6	397.2
	47	453.1	1270.6	-15716.5	3414.7	-50.3	377.0
	48	451.8	1094.6	-15884.7	3280.1	-13.3	375.5
	49	377.7	1423.7	-15582.7	3509.4	-322.0	284.1
	50	197.7	1404.1	-15614.4	3470.6	-523.9	207.7
	51	207.1	1474.1	-15556.4	3537.9	-298.1	316.9
	52	27.1	1454.5	-15588.1	3499.1	-500.1	240.5
	53	-51.6	1197.0	-15846.7	3279.6	-685.5	144.2
	54	-52.9	1021.0	-16014.8	3145.0	-648.5	142.7
	55	-147.0	1205.1	-15822.1	3285.4	-723.4	122.5
	56	-148.4	1029.2	-15990.3	3150.7	-686.4	121.0
	57	373.1	837.1	-16143.3	3060.6	-198.7	279.2
	58	193.1	817.5	-16175.0	3021.8	-400.7	202.8
	59	202.5	887.5	-16116.9	3089.1	-174.9	311.9
	60	22.5	867.9	-16148.6	3050.3	-376.8	235.6
	61	636.7	1294.1	-15703.5	3464.5	172.3	470.4
	62	634.7	1077.9	-15928.8	3291.8	218.2	468.6
	63	518.6	1304.0	-15672.5	3465.7	113.8	432.4
	64	516.6	1087.8	-15897.8	3293.0	159.6	430.6
	65	420.0	1488.3	-15486.7	3580.2	-286.8	298.3
	66	194.1	1461.2	-15525.7	3520.9	-596.0	183.9
	67	212.6	1551.1	-15454.4	3614.6	-255.8	341.8
	68	-13.3	1524.0	-15493.5	3555.2	-565.0	227.4
	69	-116.4	1203.8	-15833.5	3266.7	-858.4	89.1
	70	-118.4	987.6	-16058.9	3093.9	-812.6	87.3
	71	-234.5	1213.7	-15802.5	3267.9	-917.0	51.0
	72	-236.5	997.5	-16027.8	3095.2	-871.1	49.2
	73	413.5	767.6	-16237.9	3004.4	-133.8	292.3
	74	187.6	740.5	-16276.9	2945.1	-443.0	177.9
	75	206.1	830.4	-16205.6	3038.8	-102.8	335.8
	76	-19.8	803.3	-16244.6	2979.5	-412.0	221.4
1647	1	118.2	-1784.2	-21263.6	-10106.9	5756.7	518.5
	2	119.3	-1653.9	-20420.9	-9611.7	5469.7	481.7
	3	115.7	-1613.2	-20207.7	-9481.9	5396.7	477.8
	4	118.3	-1581.3	-20402.1	-9559.1	5460.6	491.9
	5	127.5	-1577.3	-20926.5	-9816.1	5639.6	510.2
	6	114.6	-1585.4	-20564.6	-9642.1	5517.4	501.4
	7	117.5	-1600.5	-20567.5	-9652.5	5516.4	501.3
	8	130.1	-1695.0	-20581.4	-9716.7	5498.9	494.4
	9	91.3	-2014.7	-23737.2	-11247.0	6389.1	574.8
	10	694.3	-1043.8	-9900.3	-4909.7	5860.6	791.5
	11	613.1	-1557.1	-10411.7	-5293.1	5966.2	786.5
	12	470.7	-776.9	-9912.2	-4703.3	5328.7	691.3
	13	389.5	-1290.1	-10423.5	-5086.7	5434.3	686.3
	14	346.6	-424.0	-9325.2	-4446.2	3272.1	350.7
	15	51.2	-423.5	-9342.9	-4446.4	1534.3	56.9
	16	318.5	-197.9	-9335.5	-4272.6	3615.9	458.3
	17	23.0	-197.3	-9353.2	-4272.8	1878.1	164.5

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	18	-290.6	-1042.0	-9959.3	-4910.4	68.0	-187.7
	19	-371.8	-1555.2	-10470.6	-5293.8	173.6	-192.7
	20	-514.1	-775.0	-9971.1	-4703.9	-464.0	-287.9
	21	-595.4	-1288.3	-10482.4	-5087.4	-358.4	-292.9
	22	75.9	-2134.8	-11029.6	-5724.2	3624.1	334.1
	23	-219.6	-2134.2	-11047.3	-5724.4	1886.3	40.3
	24	47.7	-1908.7	-11039.9	-5550.7	3967.9	441.7
	25	-247.7	-1908.1	-11057.6	-5550.9	2230.1	147.9
	26	85.4	-1345.0	-15534.6	-7404.4	4204.6	378.9
	27	86.1	-1258.1	-14972.8	-7074.2	4013.3	354.4
	28	83.7	-1230.9	-14830.7	-6987.7	3964.6	351.7
	29	85.5	-1209.7	-14960.3	-7039.2	4007.2	361.2
	30	91.6	-1207.0	-15309.9	-7210.5	4126.6	373.4
	31	83.0	-1212.4	-15068.6	-7094.6	4045.1	367.5
	32	84.9	-1222.5	-15070.5	-7101.4	4044.4	367.4
	33	93.3	-1285.5	-15079.8	-7144.2	4032.7	362.9
	34	67.5	-1498.6	-17183.7	-8164.4	4626.2	416.5
	35	45.1	-1650.1	-14559.6	-7154.7	3927.6	355.9
	36	53.0	-1747.8	-15223.6	-7541.6	4155.1	373.9
	37	51.8	-1734.2	-15152.5	-7498.3	4130.7	372.6
	38	52.6	-1723.6	-15217.3	-7524.1	4152.0	377.3
	39	55.7	-1722.3	-15392.1	-7609.7	4211.7	383.4
	40	51.4	-1725.0	-15271.5	-7551.8	4171.0	380.5
	41	52.3	-1730.0	-15272.5	-7555.2	4170.6	380.5
	42	54.7	-1760.2	-15277.9	-7576.2	4167.8	378.4
	43	46.0	-1831.3	-15979.2	-7916.2	4365.6	396.3
	44	50.8	-1757.7	-15279.5	-7575.3	4173.8	379.0
	45	215.2	-1119.9	-10116.6	-4965.1	3503.8	389.3
	46	191.5	-1292.4	-10246.8	-5093.3	3530.2	387.6
	47	158.2	-1038.7	-10120.0	-4902.9	3377.1	367.5
	48	134.5	-1211.1	-10250.3	-5031.1	3403.5	365.8
	49	132.9	-914.5	-9971.3	-4812.4	2872.1	273.8
	50	57.7	-914.8	-9976.1	-4812.6	2450.6	196.9
	51	120.1	-842.3	-9972.5	-4757.2	2963.5	307.3
	52	44.8	-842.6	-9977.3	-4757.4	2542.0	230.4
	53	-35.6	-1121.0	-10132.5	-4965.9	2098.7	132.8
	54	-59.3	-1293.5	-10262.8	-5094.1	2125.2	131.1
	55	-92.6	-1039.7	-10136.0	-4903.8	1972.1	111.0
	56	-116.3	-1212.2	-10266.2	-5032.0	1998.5	109.3
	57	54.1	-1489.5	-10405.5	-5239.6	2960.2	268.2
	58	-21.1	-1489.8	-10410.3	-5239.9	2538.7	191.3
	59	41.2	-1417.3	-10406.7	-5184.5	3051.6	301.7
	60	-34.0	-1417.6	-10411.5	-5184.7	2630.1	224.8
	61	302.3	-1115.1	-10074.5	-4961.5	3959.8	461.8
	62	269.4	-1324.3	-10280.5	-5117.7	4002.3	459.8
	63	215.1	-1008.0	-10079.0	-4878.8	3755.0	423.5
	64	182.2	-1217.2	-10285.1	-5035.0	3797.4	421.5
	65	167.5	-863.4	-9842.9	-4773.3	2948.0	288.3
	66	51.8	-863.3	-9849.8	-4773.5	2271.5	172.9
	67	156.8	-771.6	-9846.1	-4702.9	3089.2	332.5
	68	41.1	-771.5	-9853.1	-4703.0	2412.7	217.1
	69	-83.3	-1114.9	-10097.7	-4962.0	1704.8	77.1
	70	-116.2	-1324.1	-10303.8	-5118.3	1747.3	75.1
	71	-170.5	-1007.8	-10102.3	-4879.4	1500.0	38.8

## RELAZIONE SULLE FONDAZIONI

Nodo	Comb.	Tx [kg]	Ty [kg]	N [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
	72	-203.4	-1217.0	-10308.3	-5035.6	1542.4	36.8
	73	57.8	-1560.6	-10529.7	-5294.0	3089.5	281.5
	74	-57.8	-1560.5	-10536.6	-5294.2	2413.0	166.0
	75	47.1	-1468.8	-10532.9	-5223.6	3230.8	325.7
	76	-68.6	-1468.7	-10539.9	-5223.8	2554.3	210.3

## RELAZIONE SULLE FONDAZIONI

## 3.2. Inviluppo reazioni pali

## 3.2.1. Stato Limite Ultimo (SLU)

Palo Nodo	Comb	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
1647	1	118.2	-1784.2	-21263.6	-10106.9	5756.7	518.5
	2	119.3	-1653.9	-20420.9	-9611.7	5469.7	481.7
	3	115.7	-1613.2	-20207.7	-9481.9	5396.7	477.8
	4	118.3	-1581.3	-20402.1	-9559.1	5460.6	491.9
	5	127.5	-1577.3	-20926.5	-9816.1	5639.6	510.2
	6	114.6	-1585.4	-20564.6	-9642.1	5517.4	501.4
	7	117.5	-1600.5	-20567.5	-9652.5	5516.4	501.3
	8	130.1	-1695.0	-20581.4	-9716.7	5498.9	494.4
	9	91.3	-2014.7	-23737.2	-11247.0	6389.1	574.8
	Min	91.3	-2014.7	-23737.2	-11247.0	5396.7	477.8
	Max	130.1	-1577.3	-20207.7	-9481.9	6389.1	574.8
1607	1	378.5	3163.2	-32802.2	7605.4	-475.1	537.7
	2	433.0	3065.7	-31358.6	7293.2	-580.0	499.5
	3	425.4	3049.9	-30996.9	7218.7	-597.2	495.2
	4	400.7	3139.7	-31310.8	7342.9	-575.3	509.5
	5	396.1	3291.4	-32181.4	7611.4	-531.9	528.5
	6	378.8	3181.3	-31593.9	7419.9	-548.0	519.1
	7	382.7	3165.8	-31593.7	7408.4	-553.0	519.2
	8	448.9	3057.3	-31704.7	7300.0	-701.1	513.1
	9	340.5	3497.7	-36405.4	8489.5	-371.7	594.7
	Min	340.5	3049.9	-36405.4	7218.7	-701.1	495.2
	Max	448.9	3497.7	-30996.9	8489.5	-371.7	594.7
1320	1	1943.0	3446.3	-20802.0	10766.4	-8026.2	8.7
	2	2040.3	3224.3	-19807.3	9992.9	-8102.3	4.6
	3	2032.4	3173.4	-19528.6	9804.8	-8077.4	2.6
	4	1947.7	3360.1	-19839.7	10154.2	-7982.4	5.7
	5	1916.6	3580.1	-20308.8	10591.6	-7968.4	9.4
	6	1923.2	3313.2	-19545.3	9971.3	-7934.9	4.4
	7	1916.1	3436.7	-20141.9	10398.2	-7957.5	6.3
	8	2196.1	3486.2	-21884.6	10984.6	-8854.7	3.3
	9	1910.2	3224.7	-19738.6	10122.5	-7926.7	5.3
	Min	1910.2	3173.4	-21884.6	9804.8	-8854.7	2.6
	Max	2196.1	3580.1	-19528.6	10984.6	-7926.7	9.4
1315	1	-3236.2	3626.9	-24581.0	11718.5	11062.0	-8.5
	2	-3075.7	3431.1	-22921.8	10925.3	10740.2	-7.5
	3	-3068.0	3397.0	-22547.7	10744.0	10703.9	-9.0
	4	-3178.3	3534.9	-23097.9	11034.3	10893.1	-5.4
	5	-3241.9	3705.7	-23757.3	11414.8	11033.4	-3.2
	6	-3189.9	3495.6	-22735.4	10846.5	10889.8	-6.2
	7	-3232.1	3610.6	-23609.6	11290.0	11006.7	-7.3
	8	-3451.0	3748.7	-25405.7	12079.4	11940.8	-10.3
	9	-3211.2	3414.8	-23337.1	11029.3	10931.8	-7.1
	Min	-3451.0	3397.0	-25405.7	10744.0	10703.9	-10.3
	Max	-3068.0	3748.7	-22547.7	12079.4	11940.8	-3.2
1314	1	2070.4	3106.9	-21624.8	10014.3	-8368.8	20.9
	2	2159.4	2992.9	-20527.7	9444.0	-8402.4	14.3
	3	2145.8	2981.8	-20231.8	9319.8	-8362.0	13.1
	4	2063.9	3092.7	-20530.7	9555.8	-8283.0	17.0
	5	2036.0	3231.4	-20995.6	9868.9	-8278.5	21.9

## RELAZIONE SULLE FONDAZIONI

	6	2033.5	3072.0	-20207.7	9418.3	-8225.8	16.9
	7	2032.6	3146.1	-20869.4	9748.6	-8270.4	19.6
	8	2321.8	3264.0	-22742.0	10431.4	-9174.7	13.4
	9	2033.3	2946.2	-20452.8	9453.5	-8260.5	17.2
	Min	2032.6	2946.2	-22742.0	9319.8	-9174.7	13.1
	Max	2321.8	3264.0	-20207.7	10431.4	-8225.8	21.9
1313	1	-1832.2	3994.4	-30725.5	13393.7	5957.6	4.7
	2	-1672.1	3944.1	-29638.9	13002.2	5662.4	-0.7
	3	-1664.9	3952.8	-29412.9	12935.7	5626.1	-2.5
	4	-1769.3	4040.5	-29796.2	13127.2	5787.1	2.2
	5	-1824.2	4153.3	-30223.6	13386.5	5891.8	6.5
	6	-1780.5	4035.9	-29580.3	13043.4	5774.3	1.5
	7	-1822.9	4077.5	-30136.1	13276.7	5883.4	3.5
	8	-2033.5	4194.2	-31863.1	13908.3	6809.6	-2.3
	9	-1586.6	4070.2	-31441.5	13666.9	5028.6	2.1
	Min	-2033.5	3944.1	-31863.1	12935.7	5028.6	-2.5
	Max	-1586.6	4194.2	-29412.9	13908.3	6809.6	6.5
1279	1	-1840.2	3308.7	-38272.5	10374.0	5834.5	24.2
	2	-1692.8	3166.4	-36772.9	9847.3	5570.5	19.1
	3	-1686.7	3135.1	-36415.5	9711.6	5541.6	17.0
	4	-1785.5	3281.8	-36893.4	9954.9	5690.7	21.6
	5	-1839.8	3460.3	-37493.6	10284.1	5793.5	26.5
	6	-1794.6	3249.3	-36544.6	9813.3	5679.9	20.4
	7	-1832.6	3336.0	-37352.1	10125.2	5773.6	22.6
	8	-1873.1	3454.2	-41107.9	10919.9	6047.1	18.7
	9	-1816.8	3125.1	-37061.9	9835.6	5723.0	20.7
	Min	-1873.1	3125.1	-41107.9	9711.6	5541.6	17.0
	Max	-1686.7	3460.3	-36415.5	10919.9	6047.1	26.5
1262	1	1734.7	1775.1	-42002.2	4882.3	-7211.3	11.2
	2	1797.8	1741.0	-40542.9	4705.9	-7172.1	6.7
	3	1784.0	1746.8	-40156.1	4686.7	-7130.0	4.8
	4	1714.2	1857.6	-40554.0	4839.6	-7085.1	9.2
	5	1695.6	1979.7	-41141.4	5006.6	-7108.7	13.7
	6	1686.2	1863.3	-40151.2	4826.0	-7028.5	8.1
	7	1693.4	1882.4	-40998.0	4910.7	-7096.8	9.9
	8	1894.9	1866.4	-45288.1	5172.4	-7710.2	5.5
	9	1688.8	1718.6	-40650.3	4776.3	-7075.4	8.5
	Min	1686.2	1718.6	-45288.1	4686.7	-7710.2	4.8
	Max	1894.9	1979.7	-40151.2	5172.4	-7028.5	13.7
938	1	-1066.9	535.4	-66050.3	238.6	3103.4	16.4
	2	-951.1	523.2	-61845.3	187.9	2916.9	10.8
	3	-961.9	531.9	-60784.6	200.0	2934.3	8.6
	4	-1051.3	685.7	-61810.5	468.1	3082.8	13.1
	5	-1081.5	852.6	-63253.9	756.0	3133.8	18.0
	6	-1077.0	696.6	-60745.7	486.4	3123.4	11.7
	7	-1091.3	704.5	-63075.1	510.2	3146.9	14.2
	8	-1114.4	457.2	-68841.8	-34.0	3320.1	9.9
	9	-1079.7	475.3	-62647.1	151.3	3098.5	12.6
	Min	-1114.4	457.2	-68841.8	-34.0	2916.9	8.6
	Max	-951.1	852.6	-60745.7	756.0	3320.1	18.0
935	1	246.1	778.4	-67314.2	1249.6	-1667.2	21.1
	2	389.7	730.7	-62092.7	1029.3	-1955.7	15.2
	3	386.9	732.1	-60794.7	996.7	-1967.9	12.8
	4	292.5	876.3	-62085.6	1270.1	-1801.5	17.4
	5	252.9	1041.9	-63866.7	1595.1	-1715.4	22.2
	6	275.3	874.9	-60793.2	1232.6	-1792.6	15.9

## RELAZIONE SULLE FONDAZIONI

	7	244.2	908.3	-63659.6	1366.5	-1707.2	18.5
	8	347.3	709.3	-69259.1	958.2	-1991.8	14.9
	9	259.8	671.1	-63195.6	962.4	-1770.2	17.1
	Min	244.2	671.1	-69259.1	958.2	-1991.8	12.8
	Max	389.7	1041.9	-60793.2	1595.1	-1667.2	22.2
932	1	294.0	1648.7	-59714.0	4741.2	-1753.5	9.7
	2	400.7	932.0	-53556.1	1952.0	-1905.3	7.3
	3	390.3	773.4	-52009.4	1288.6	-1890.8	6.0
	4	310.6	1053.3	-53565.7	2144.3	-1778.3	9.2
	5	284.4	1420.4	-55726.3	3299.7	-1740.0	12.2
	6	284.7	883.6	-52004.4	1462.4	-1740.5	8.7
	7	273.0	1291.7	-55425.0	3022.3	-1725.4	9.5
	8	385.4	1061.0	-59907.6	2421.6	-2033.0	6.2
	9	259.1	1003.0	-54545.5	2397.4	-1680.3	8.3
	Min	259.1	773.4	-59907.6	1288.6	-2033.0	6.0
	Max	400.7	1648.7	-52004.4	4741.2	-1680.3	12.2
928	1	3827.9	-11.1	-33039.9	-1904.8	-14842.1	25.2
	2	3773.7	571.7	-30150.5	281.6	-14401.6	16.5
	3	3725.8	722.5	-29403.0	836.6	-14247.2	13.5
	4	3687.9	721.9	-30125.1	493.8	-14287.8	18.6
	5	3714.6	677.4	-31168.3	-43.3	-14446.1	24.6
	6	3626.8	877.2	-29367.1	1055.2	-14116.1	16.4
	7	3699.5	556.9	-30993.6	-149.7	-14413.9	20.7
	8	4131.5	441.2	-33520.2	-164.7	-15908.9	16.5
	9	3681.3	411.0	-30606.9	-182.5	-14352.6	18.7
	Min	3626.8	-11.1	-33520.2	-1904.8	-15908.9	13.5
	Max	4131.5	877.2	-29367.1	1055.2	-14116.1	25.2
924	1	-2498.3	45.0	-58763.8	-1240.9	8412.4	19.6
	2	-2332.8	349.5	-56923.3	-237.0	8045.1	13.3
	3	-2331.0	442.2	-56478.3	39.3	8015.6	11.0
	4	-2427.6	482.6	-56920.2	-17.3	8190.2	15.4
	5	-2470.0	511.2	-57512.6	-139.7	8286.9	20.2
	6	-2441.6	567.6	-56486.7	245.2	8186.0	14.0
	7	-2483.0	410.9	-57474.6	-287.3	8309.2	16.8
	8	-2647.5	280.9	-63010.4	-486.7	9008.1	13.0
	9	-2476.9	209.1	-57425.9	-581.1	8280.7	15.2
	Min	-2647.5	45.0	-63010.4	-1240.9	8015.6	11.0
	Max	-2331.0	567.6	-56478.3	245.2	9008.1	20.2
891	1	-1871.4	-547.7	-50601.5	-3181.2	6183.3	19.0
	2	-1762.0	-464.9	-48104.5	-3089.4	6017.9	13.3
	3	-1766.9	-424.6	-47514.7	-3040.6	6010.0	11.5
	4	-1841.9	-363.9	-48213.6	-2947.9	6108.2	16.1
	5	-1859.3	-276.8	-49245.2	-2779.9	6117.9	20.5
	6	-1842.4	-318.5	-47829.9	-2848.6	6051.9	15.5
	7	-1883.9	-372.1	-48930.5	-2961.4	6177.9	17.7
	8	-2178.3	-546.4	-51882.8	-3394.9	7357.0	13.9
	9	-1597.4	-611.1	-50945.0	-3420.6	5121.9	15.0
	Min	-2178.3	-611.1	-51882.8	-3420.6	5121.9	11.5
	Max	-1597.4	-276.8	-47514.7	-2779.9	7357.0	20.5
589	1	-864.8	857.6	-52482.8	1467.9	2573.5	23.0
	2	-800.0	829.3	-50064.6	1343.3	2536.3	18.2
	3	-824.4	831.2	-49464.1	1327.4	2588.4	16.1
	4	-885.6	993.1	-50117.3	1628.1	2665.4	20.4
	5	-887.3	1172.0	-51002.5	1964.7	2646.6	25.1
	6	-921.7	995.8	-49516.8	1612.8	2735.3	19.2
	7	-912.0	1015.9	-50849.6	1689.9	2687.1	21.3

## RELAZIONE SULLE FONDAZIONI

	8	-951.0	830.6	-55686.9	1374.0	2896.0	17.8
	9	-923.3	740.5	-50306.6	1159.1	2713.9	19.9
	Min	-951.0	740.5	-55686.9	1159.1	2536.3	16.1
	Max	-800.0	1172.0	-49464.1	1964.7	2896.0	25.1
588	1	752.6	923.9	-56252.6	1853.3	-3329.8	20.1
	2	872.4	890.0	-52701.6	1664.7	-3569.3	15.5
	3	861.9	895.3	-51818.4	1642.1	-3568.0	13.5
	4	786.5	1046.7	-52749.0	1945.7	-3439.3	17.7
	5	764.8	1215.8	-54019.6	2290.3	-3385.2	22.2
	6	763.6	1048.7	-51861.8	1916.2	-3418.4	16.5
	7	743.5	1074.5	-53823.5	2033.0	-3356.9	18.5
	8	890.3	909.5	-58753.8	1751.4	-3825.1	14.9
	9	740.3	801.7	-53174.9	1495.8	-3360.4	17.1
	Min	740.3	801.7	-58753.8	1495.8	-3825.1	13.5
	Max	890.3	1215.8	-51818.4	2290.3	-3329.8	22.2
587	1	105.6	1259.9	-46893.2	3331.5	-930.3	16.5
	2	192.5	1026.3	-44808.9	2311.6	-1049.8	10.7
	3	171.5	988.5	-44289.9	2091.5	-1010.8	8.7
	4	103.0	1150.7	-44822.1	2517.1	-907.3	13.0
	5	95.1	1354.4	-45550.8	3074.5	-904.0	17.6
	6	68.7	1104.7	-44287.9	2289.1	-845.3	12.0
	7	69.6	1242.5	-45456.4	2858.7	-860.5	14.3
	8	160.1	1098.9	-49910.5	2575.5	-1116.5	10.4
	9	23.2	993.5	-44925.3	2377.2	-707.3	12.6
	Min	23.2	988.5	-49910.5	2091.5	-1116.5	8.7
	Max	192.5	1354.4	-44287.9	3331.5	-707.3	17.6
586	1	-1463.1	832.3	-39497.2	1881.7	4824.1	19.1
	2	-1512.5	904.2	-37040.4	1933.6	5204.6	13.8
	3	-1561.6	943.7	-36438.5	1979.5	5346.8	11.9
	4	-1592.0	1010.8	-37053.1	2094.0	5310.1	16.3
	5	-1521.2	1098.1	-38199.8	2263.2	5024.9	20.7
	6	-1595.0	1049.3	-36926.6	2168.1	5257.6	15.4
	7	-1596.7	1007.9	-37687.5	2099.9	5252.2	17.5
	8	-1934.8	927.7	-40025.1	2013.2	6568.5	13.8
	9	-1265.5	833.8	-39302.3	1877.8	4020.0	15.7
	Min	-1934.8	832.3	-40025.1	1877.8	4020.0	11.9
	Max	-1265.5	1098.1	-36438.5	2263.2	6568.5	20.7
585	1	4301.7	955.1	-26408.2	1614.5	-16389.8	30.1
	2	4336.1	941.2	-26393.5	1589.5	-16317.2	25.2
	3	4310.1	942.0	-26379.1	1589.3	-16259.0	23.2
	4	4265.3	1091.5	-26380.9	1803.4	-16241.5	27.1
	5	4273.5	1254.5	-26401.9	2036.9	-16296.3	31.4
	6	4229.2	1096.6	-26363.3	1809.1	-16171.6	25.9
	7	4249.1	1105.7	-26383.9	1824.9	-16257.0	28.0
	8	4736.2	953.4	-29215.3	1664.1	-17979.8	25.6
	9	4227.1	862.6	-26219.3	1427.6	-16190.7	27.4
	Min	4227.1	862.6	-29215.3	1427.6	-17979.8	23.2
	Max	4736.2	1254.5	-26219.3	2036.9	-16171.6	31.4
584	1	-1687.6	754.5	-51255.9	1382.5	5633.3	17.6
	2	-1607.0	764.8	-51178.6	1304.4	5536.5	12.2
	3	-1628.1	784.8	-51157.3	1314.0	5575.9	10.1
	4	-1695.1	896.8	-51186.0	1520.2	5673.9	14.5
	5	-1703.4	1022.1	-51220.0	1754.0	5679.2	19.0
	6	-1727.8	908.9	-51153.2	1515.4	5730.1	13.3
	7	-1726.8	913.5	-51211.7	1576.2	5714.8	15.6
	8	-1849.7	778.8	-56612.9	1359.0	6238.5	11.8

## RELAZIONE SULLE FONDAZIONI

	9	-1722.9	681.3	-51048.2	1169.8	5684.6	14.1
	Min	-1849.7	681.3	-56612.9	1169.8	5536.5	10.1
	Max	-1607.0	1022.1	-51048.2	1754.0	6238.5	19.0
247	1	-939.4	84.8	-36126.7	-843.5	3046.1	18.8
	2	-873.2	231.8	-33772.4	-519.6	2962.4	13.4
	3	-896.2	288.1	-33191.5	-412.8	2993.6	11.4
	4	-943.4	332.3	-33721.3	-381.6	3050.6	16.0
	5	-919.3	408.0	-34943.7	-253.4	2969.7	20.7
	6	-947.2	417.5	-33910.2	-136.6	2994.2	15.2
	7	-977.3	298.6	-34248.5	-487.8	3108.4	17.1
	8	-1171.0	61.0	-35574.3	-1151.4	3868.4	13.0
	9	-776.0	327.1	-37425.4	31.9	2341.7	15.6
	Min	-1171.0	61.0	-37425.4	-1151.4	2341.7	11.4
	Max	-776.0	417.5	-33191.5	31.9	3868.4	20.7
246	1	3125.8	480.3	-33408.0	-66.1	-11780.7	26.6
	2	3129.9	344.2	-31645.2	-565.8	-11626.5	25.5
	3	3092.8	315.1	-31186.4	-680.9	-11541.9	24.3
	4	3060.1	502.6	-31466.9	-324.9	-11538.3	27.9
	5	3083.9	714.2	-31931.2	93.5	-11618.6	31.4
	6	3015.9	478.7	-31002.4	-430.7	-11446.9	27.5
	7	3050.6	553.6	-31986.5	-159.0	-11573.9	27.6
	8	3273.7	202.8	-34109.7	-1046.9	-12340.6	25.8
	9	3225.4	497.1	-33661.9	128.7	-12236.6	25.8
	Min	3015.9	202.8	-34109.7	-1046.9	-12340.6	24.3
	Max	3273.7	714.2	-31002.4	128.7	-11446.9	31.4
244	1	104.0	62.8	-52439.8	-1390.4	-752.8	22.3
	2	144.1	213.8	-50098.3	-870.5	-733.3	17.3
	3	109.5	260.6	-49510.3	-724.3	-658.5	15.2
	4	63.2	356.2	-49982.3	-664.7	-605.3	19.6
	5	80.1	450.7	-50667.6	-633.7	-658.9	24.3
	6	19.7	404.6	-49396.0	-514.8	-517.2	18.3
	7	42.0	324.1	-50679.2	-799.4	-596.6	20.5
	8	78.2	-49.5	-53993.9	-1802.5	-683.5	17.0
	9	28.9	411.4	-53247.9	-5.2	-572.6	18.8
	Min	19.7	-49.5	-53993.9	-1802.5	-752.8	15.2
	Max	144.1	450.7	-49396.0	-5.2	-517.2	24.3
242	1	479.7	-321.8	-53847.1	-2649.5	-2138.3	16.0
	2	537.2	-58.9	-50728.4	-1767.2	-2183.9	12.0
	3	507.4	19.5	-49941.9	-1525.7	-2126.9	10.1
	4	457.2	72.8	-50615.5	-1578.8	-2059.2	14.3
	5	468.2	116.0	-51581.4	-1690.2	-2091.7	18.6
	6	419.4	149.8	-49836.3	-1336.8	-1991.9	13.3
	7	430.7	9.7	-51544.1	-1818.5	-2030.9	14.9
	8	507.5	-351.1	-54799.6	-2814.7	-2266.6	11.1
	9	424.5	107.8	-54006.5	-1001.3	-2032.2	13.5
	Min	419.4	-351.1	-54799.6	-2814.7	-2266.6	10.1
	Max	537.2	149.8	-49836.3	-1001.3	-1991.9	18.6
240	1	-1055.1	-1275.4	-38399.3	-6046.1	3455.7	12.3
	2	-996.9	-1225.8	-37818.0	-5975.5	3404.0	7.4
	3	-1023.6	-1198.9	-37673.3	-5938.1	3449.6	5.5
	4	-1068.4	-1109.6	-37835.2	-5819.5	3497.3	9.9
	5	-1054.0	-995.0	-38120.0	-5629.6	3452.1	14.6
	6	-1102.1	-1073.9	-37783.8	-5736.8	3549.3	9.0
	7	-1094.2	-1108.9	-37991.0	-5822.8	3524.2	10.9
	8	-1111.1	-1521.7	-40910.1	-7053.8	3631.3	5.9
	9	-1222.6	-1166.4	-39285.4	-5587.3	3969.3	9.8

## RELAZIONE SULLE FONDAZIONI

	Min	-1222.6	-1521.7	-40910.1	-7053.8	3404.0	5.5
	Max	-996.9	-995.0	-37673.3	-5587.3	3969.3	14.6
236	1	303.2	-842.8	-49191.0	-4373.0	-1505.7	13.9
	2	283.8	-462.2	-45693.3	-3147.5	-1277.7	7.8
	3	234.0	-347.3	-44785.7	-2808.4	-1148.5	5.7
	4	197.5	-349.0	-45531.5	-2984.2	-1130.9	9.9
	5	243.0	-365.0	-46760.7	-3230.8	-1289.7	14.4
	6	160.0	-238.7	-44826.5	-2639.6	-1065.0	8.8
	7	189.3	-443.4	-46520.8	-3322.0	-1166.6	11.4
	8	243.8	-762.8	-49550.3	-4249.4	-1316.9	7.6
	9	175.8	-374.2	-48447.8	-2639.7	-1146.3	9.4
	Min	160.0	-842.8	-49550.3	-4373.0	-1505.7	5.7
	Max	303.2	-238.7	-44785.7	-2639.6	-1065.0	14.4

3.2.1.1. Rz Min/Max

Pali di fondazione	Comb	Rz [kg]
935	8	-69259.1
1320	3	-19528.6

Com.	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
1	1430.4	26857.0	-1103759.3	54713.5	-13329.1	1464.7
2	3333.8	26952.3	-1046606.6	53024.6	-15210.5	1273.0
3	2880.1	27323.7	-1032318.3	53113.4	-14403.7	1218.1
4	1230.3	30177.0	-1046606.6	57615.6	-12305.1	1348.3
5	1030.3	33496.9	-1068200.6	63075.1	-12364.1	1491.2
6	580.1	30548.4	-1035014.7	57845.3	-11353.4	1342.2
7	481.1	30548.4	-1063209.4	58679.0	-11465.6	1390.4
8	1430.4	26857.0	-1146141.9	52997.5	-12719.0	1284.9
9	1430.4	26857.0	-1083242.5	55887.5	-14380.2	1502.9

Baricentro geometrico di 26 pali 17.07 5.09 [m]

3.2.1.2. Punto di passaggio reazione Rz:

Comb.	Rz [kg]	x [m]	y [m]
1	-1103759.3	16.93	4.94
2	-1046606.6	16.95	4.92
3	-1032318.3	16.96	4.92
4	-1046606.6	16.95	4.93
5	-1068200.6	16.92	4.93
6	-1035014.7	16.92	4.90
7	-1063209.4	16.95	4.94
8	-1146141.9	17.04	5.03
9	-1083242.5	16.81	4.75

## RELAZIONE SULLE FONDAZIONI

## 3.2.2. Stato Limite di Salvaguardia della Vita (SLV)

Palo Nodo	Comb	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
1647	10	694.3	-1043.8	-9900.3	-4909.7	5860.6	791.5
	11	613.1	-1557.1	-10411.7	-5293.1	5966.2	786.5
	12	470.7	-776.9	-9912.2	-4703.3	5328.7	691.3
	13	389.5	-1290.1	-10423.5	-5086.7	5434.3	686.3
	14	346.6	-424.0	-9325.2	-4446.2	3272.1	350.7
	15	51.2	-423.5	-9342.9	-4446.4	1534.3	56.9
	16	318.5	-197.9	-9335.5	-4272.6	3615.9	458.3
	17	23.0	-197.3	-9353.2	-4272.8	1878.1	164.5
	18	-290.6	-1042.0	-9959.3	-4910.4	68.0	-187.7
	19	-371.8	-1555.2	-10470.6	-5293.8	173.6	-192.7
	20	-514.1	-775.0	-9971.1	-4703.9	-464.0	-287.9
	21	-595.4	-1288.3	-10482.4	-5087.4	-358.4	-292.9
	22	75.9	-2134.8	-11029.6	-5724.2	3624.1	334.1
	23	-219.6	-2134.2	-11047.3	-5724.4	1886.3	40.3
	24	47.7	-1908.7	-11039.9	-5550.7	3967.9	441.7
	25	-247.7	-1908.1	-11057.6	-5550.9	2230.1	147.9
	Min	-595.4	-2134.8	-11057.6	-5724.4	-464.0	-292.9
	Max	694.3	-197.3	-9325.2	-4272.6	5966.2	791.5
1607	10	1274.7	1513.3	-15466.2	3745.0	985.0	797.1
	11	1269.9	982.4	-16022.0	3319.9	1097.8	792.7
	12	985.9	1536.5	-15390.0	3744.9	834.8	697.5
	13	981.2	1005.6	-15945.7	3319.8	947.7	693.1
	14	740.5	1988.0	-14930.5	4022.7	-180.0	359.8
	15	183.9	1919.9	-15026.4	3871.1	-969.4	68.7
	16	232.2	2141.5	-14852.5	4105.5	-105.4	465.6
	17	-324.5	2073.3	-14948.3	3954.0	-894.9	174.4
	18	-581.0	1286.0	-15785.6	3239.9	-1646.5	-173.5
	19	-585.7	755.1	-16341.3	2814.8	-1533.6	-177.8
	20	-869.7	1309.2	-15709.4	3239.8	-1796.6	-273.1
	21	-874.5	778.3	-16265.1	2814.7	-1683.8	-277.4
	22	724.7	218.3	-16783.0	2605.7	196.1	345.3
	23	168.0	150.1	-16878.8	2454.1	-593.4	54.1
	24	216.3	371.7	-16705.0	2688.6	270.6	451.0
	25	-340.4	303.6	-16800.8	2537.0	-518.8	159.8
	Min	-874.5	150.1	-16878.8	2454.1	-1796.6	-277.4
	Max	1274.7	2141.5	-14852.5	4105.5	1097.8	797.1
1320	10	2290.6	2582.3	-15070.0	6919.6	-6659.3	84.3
	11	2258.8	1829.9	-14155.2	6151.1	-6229.5	86.9
	12	3004.3	1548.6	-14710.1	5818.8	-7231.5	-34.7
	13	2972.6	796.3	-13795.3	5050.2	-6801.7	-32.0
	14	1058.7	3378.4	-14612.8	7738.0	-5847.0	87.0
	15	191.6	3240.6	-13248.4	7608.9	-4665.5	70.8
	16	2287.0	2186.6	-14118.3	6492.6	-6290.0	-81.8
	17	1419.9	2048.9	-12754.0	6363.5	-5108.5	-98.1
	18	-599.7	2123.2	-10522.2	6489.3	-2721.1	29.9
	19	-631.4	1370.9	-9607.5	5720.7	-2291.3	32.6
	20	114.0	1089.6	-10162.3	5388.4	-3293.3	-89.0
	21	82.3	337.2	-9247.5	4619.9	-2863.5	-86.3
	22	953.0	870.6	-11563.5	5176.1	-4414.3	96.0
	23	85.9	732.9	-10199.2	5047.0	-3232.8	79.7
	24	2181.2	-321.2	-11069.1	3930.7	-4857.3	-72.8

## RELAZIONE SULLE FONDAZIONI

	25	1314.2	-458.9	-9704.8	3801.5	-3675.8	-89.1
	Min	-631.4	-458.9	-15070.0	3801.5	-7231.5	-98.1
	Max	3004.3	3378.4	-9247.5	7738.0	-2291.3	96.0
1315	10	-720.7	1924.3	-13058.2	7004.3	4811.2	70.0
	11	-700.1	1264.7	-12243.4	6366.0	4259.3	68.6
	12	56.8	2127.6	-12508.3	7049.0	4106.8	-52.1
	13	77.5	1468.0	-11693.5	6410.6	3554.9	-53.5
	14	-2068.6	2709.5	-15618.1	7629.2	6828.4	82.8
	15	-2959.8	2724.8	-16883.0	7578.7	8078.2	70.8
	16	-723.3	2917.5	-14801.1	7795.9	6293.5	-89.8
	17	-1614.5	2932.8	-16066.0	7745.4	7543.2	-101.8
	18	-3691.6	1975.4	-17274.6	6836.0	8977.0	29.8
	19	-3670.9	1315.7	-16459.8	6197.6	8425.0	28.4
	20	-2914.1	2178.7	-16724.6	6880.7	8272.6	-92.3
	21	-2893.4	1519.0	-15909.9	6242.3	7720.6	-93.7
	22	-1999.6	510.6	-12902.1	5501.2	4988.7	78.1
	23	-2890.8	525.9	-14167.0	5450.7	6238.4	66.1
	24	-654.3	718.6	-12085.1	5668.0	4453.7	-94.5
	25	-1545.6	733.9	-13350.0	5617.5	5703.4	-106.5
	Min	-3691.6	510.6	-17274.6	5450.7	3554.9	-106.5
	Max	77.5	2932.8	-11693.5	7795.9	8977.0	82.8
1314	10	2312.5	1331.5	-14690.3	5463.0	-6606.5	76.9
	11	2261.5	566.4	-13646.0	4549.7	-6146.8	84.8
	12	3042.2	1982.8	-15895.2	6256.1	-7239.0	-50.2
	13	2991.1	1217.7	-14850.9	5342.8	-6779.3	-42.3
	14	1144.5	2266.8	-14307.8	6558.1	-6018.1	80.8
	15	316.5	2348.4	-13148.3	6637.4	-5006.7	70.6
	16	2397.2	3023.1	-16008.8	7477.2	-6540.0	-96.3
	17	1569.1	3104.7	-14849.3	7556.5	-5528.6	-106.5
	18	-447.6	1603.4	-10825.3	5727.4	-3235.0	42.9
	19	-498.7	838.3	-9781.0	4814.1	-2775.3	50.8
	20	282.0	2254.8	-12030.1	6520.6	-3867.5	-84.1
	21	230.9	1489.7	-10985.8	5607.3	-3407.8	-76.3
	22	974.4	-283.5	-10826.9	3513.7	-4485.8	107.1
	23	146.3	-201.9	-9667.3	3593.1	-3474.3	96.9
	24	2227.0	472.8	-12527.9	4432.8	-5007.7	-70.0
	25	1398.9	554.3	-11368.3	4512.2	-3996.2	-80.2
	Min	-498.7	-283.5	-16008.8	3513.7	-7239.0	-106.5
	Max	3042.2	3104.7	-9667.3	7556.5	-2775.3	107.1
1313	10	-210.0	1473.0	-14843.4	6556.6	2996.1	71.7
	11	-223.8	688.9	-14169.7	5695.9	2970.7	76.4
	12	463.7	2490.9	-14743.4	7731.0	2216.7	-52.9
	13	449.9	1706.8	-14069.7	6870.3	2191.3	-48.3
	14	-1360.6	2448.4	-17463.1	7620.4	4337.8	78.6
	15	-2152.6	2566.6	-18995.4	7735.5	5218.1	67.9
	16	-201.1	3620.8	-17271.0	8943.9	2988.3	-95.5
	17	-993.1	3739.0	-18803.3	9059.0	3868.6	-106.3
	18	-2849.9	1866.9	-19951.1	6940.2	5930.5	36.0
	19	-2863.8	1082.8	-19277.4	6079.5	5905.1	40.6
	20	-2176.2	2884.9	-19851.1	8114.6	5151.1	-88.6
	21	-2190.1	2100.8	-19177.4	7253.9	5125.7	-84.0
	22	-1406.9	-165.2	-15217.5	4751.5	4253.2	94.0
	23	-2198.9	-47.0	-16749.8	4866.6	5133.5	83.3
	24	-247.4	1007.2	-15025.4	6075.0	2903.7	-80.1
	25	-1039.4	1125.3	-16557.7	6190.0	3784.0	-90.9
	Min	-2863.8	-165.2	-19951.1	4751.5	2191.3	-106.3

## RELAZIONE SULLE FONDAZIONI

	Max	463.7	3739.0	-14069.7	9059.0	5930.5	94.0
1279	10	-146.6	2380.7	-21657.5	7058.8	2656.1	91.5
	11	-139.5	1673.7	-20978.5	6306.2	2604.2	92.5
	12	534.5	1855.0	-20975.2	6672.2	1796.3	-37.9
	13	541.6	1148.1	-20296.2	5919.6	1744.4	-36.9
	14	-1322.9	3026.1	-23177.7	7296.0	4067.0	100.6
	15	-2111.9	2798.1	-23644.6	6681.8	4951.7	86.5
	16	-146.9	2327.2	-22128.9	6757.8	2571.0	-82.6
	17	-936.0	2099.3	-22595.8	6143.6	3455.7	-96.8
	18	-2776.7	1620.9	-23214.0	5011.5	5605.1	44.2
	19	-2769.6	914.0	-22535.0	4259.0	5553.1	45.2
	20	-2095.6	1095.2	-22531.7	4624.9	4745.3	-85.2
	21	-2088.5	388.3	-21852.7	3872.4	4693.3	-84.1
	22	-1299.2	669.7	-20914.4	4787.5	3893.7	104.1
	23	-2088.2	441.7	-21381.3	4173.4	4778.4	90.0
	24	-123.2	-29.2	-19865.6	4249.3	2397.7	-79.2
	25	-912.3	-257.1	-20332.5	3635.1	3282.4	-93.3
	Min	-2776.7	-257.1	-23644.6	3635.1	1744.4	-96.8
	Max	541.6	3026.1	-19865.6	7296.0	5605.1	104.1
1262	10	2104.3	709.5	-25720.4	1907.0	-5755.0	80.6
	11	2076.0	108.5	-24936.4	1476.7	-5451.1	82.9
	12	2713.6	521.8	-26133.6	1565.8	-6170.2	-48.5
	13	2685.3	-79.2	-25349.6	1135.5	-5866.3	-46.2
	14	1031.8	1635.0	-25456.6	3030.9	-5253.8	89.7
	15	272.9	1760.3	-24511.3	3493.8	-4489.0	77.2
	16	2081.3	1291.1	-26021.1	2526.2	-5596.0	-92.2
	17	1322.5	1416.4	-25075.8	2989.2	-4831.2	-104.8
	18	-425.3	1127.2	-22569.5	3450.2	-3205.7	38.8
	19	-453.6	526.2	-21785.5	3019.9	-2901.8	41.1
	20	184.0	939.4	-22982.8	3109.0	-3620.9	-90.3
	21	155.7	338.4	-22198.8	2678.7	-3317.0	-88.0
	22	937.5	-368.4	-22843.3	1596.5	-4240.8	97.4
	23	178.6	-243.1	-21898.1	2059.5	-3476.0	84.9
	24	1987.0	-712.3	-23407.9	1091.9	-4583.0	-84.6
	25	1228.2	-587.0	-22462.6	1554.8	-3818.2	-97.1
	Min	-453.6	-712.3	-26133.6	1091.9	-6170.2	-104.8
	Max	2713.6	1760.3	-21785.5	3493.8	-2901.8	97.4
938	10	705.4	581.1	-40223.7	-596.0	-8.6	86.0
	11	705.2	-297.7	-40401.8	-1971.9	-25.6	87.9
	12	1147.0	-299.9	-40397.2	-1176.7	-739.1	-41.0
	13	1146.8	-1178.6	-40575.3	-2552.6	-756.0	-39.1
	14	-565.8	1634.9	-39514.5	1880.1	1870.5	93.8
	15	-1497.8	1592.1	-39112.2	2252.4	3214.5	79.6
	16	244.1	596.6	-39752.3	426.5	557.5	-86.2
	17	-687.9	553.8	-39350.0	798.8	1901.5	-100.3
	18	-2401.2	438.3	-38882.8	645.0	4471.6	38.9
	19	-2401.4	-440.4	-39060.9	-731.0	4454.7	40.8
	20	-1959.6	-442.7	-39056.3	64.3	3741.1	-88.1
	21	-1959.7	-1321.4	-39234.4	-1311.7	3724.2	-86.2
	22	-566.5	-1294.1	-40108.0	-2706.4	1814.0	100.1
	23	-1498.4	-1337.0	-39705.8	-2334.1	3158.1	85.9
	24	243.4	-2332.4	-40345.9	-4160.0	501.1	-79.8
	25	-688.5	-2375.3	-39943.6	-3787.7	1845.1	-94.0
	Min	-2401.4	-2375.3	-40575.3	-4160.0	-756.0	-100.3
	Max	1147.0	1634.9	-38882.8	2252.4	4471.6	100.1
935	10	1414.8	504.4	-40059.7	884.2	-2584.4	88.2

## RELAZIONE SULLE FONDAZIONI

	11	1410.4	-347.5	-40372.0	-451.7	-2587.9	90.9
	12	1829.9	245.5	-40037.0	472.9	-3217.5	-37.9
	13	1825.5	-606.4	-40349.4	-863.0	-3221.0	-35.2
	14	220.7	1480.1	-40051.6	2376.4	-985.1	94.8
	15	-659.0	1414.8	-40357.1	2244.0	168.2	80.8
	16	981.6	1105.3	-40029.3	1788.8	-2117.8	-83.3
	17	101.9	1040.1	-40334.8	1656.3	-964.5	-97.3
	18	-1517.4	286.9	-41078.2	442.7	1259.9	41.6
	19	-1521.8	-565.0	-41390.5	-893.2	1256.4	44.3
	20	-1102.3	28.0	-41055.5	31.4	626.8	-84.4
	21	-1106.6	-823.9	-41367.9	-1304.5	623.3	-81.7
	22	206.2	-1359.5	-41092.8	-2076.6	-996.6	103.8
	23	-673.5	-1424.8	-41398.3	-2209.1	156.7	89.8
	24	967.1	-1734.3	-41070.5	-2664.3	-2129.3	-74.3
	25	87.4	-1799.5	-41376.0	-2796.7	-976.0	-88.3
	Min	-1521.8	-1799.5	-41398.3	-2796.7	-3221.0	-97.3
	Max	1829.9	1480.1	-40029.3	2376.4	1259.9	103.8
932	10	1436.5	537.6	-37341.1	2564.0	-2633.7	79.3
	11	1419.1	-342.5	-36959.8	1236.5	-2599.9	85.0
	12	1829.0	1298.5	-37633.7	3750.2	-3189.3	-38.5
	13	1811.5	418.4	-37252.4	2422.7	-3155.6	-32.8
	14	291.4	1605.3	-37333.7	4146.9	-1181.8	78.8
	15	-566.1	1690.4	-36997.1	4248.9	-94.7	63.7
	16	1013.9	2483.1	-37745.5	5502.9	-2183.3	-86.6
	17	156.4	2568.2	-37408.9	5604.9	-1096.2	-101.8
	18	-1421.9	821.5	-36219.2	2904.0	990.0	28.7
	19	-1439.3	-58.6	-35837.8	1576.5	1023.7	34.4
	20	-1029.4	1582.3	-36511.8	4090.2	434.3	-89.0
	21	-1046.9	702.2	-36130.5	2762.7	468.0	-83.4
	22	233.3	-1328.4	-36062.6	-278.1	-1069.4	97.7
	23	-624.2	-1243.3	-35726.1	-176.1	17.7	82.6
	24	955.8	-450.6	-36474.4	1077.8	-2070.9	-67.7
	25	98.3	-365.5	-36137.9	1179.8	-983.8	-82.9
	Min	-1439.3	-1328.4	-37745.5	-278.1	-3189.3	-101.8
	Max	1829.0	2568.2	-35726.1	5604.9	1023.7	97.7
928	10	3568.9	468.9	-22028.4	-840.0	-10519.8	93.3
	11	3569.7	-417.2	-21677.4	-2087.8	-10797.9	94.6
	12	3958.0	-736.6	-21870.2	-2553.9	-10804.1	-32.8
	13	3958.8	-1622.7	-21519.3	-3801.7	-11082.3	-31.5
	14	2372.4	1412.9	-21319.3	507.7	-8905.2	100.6
	15	1491.4	1253.7	-20345.8	301.0	-7740.2	85.5
	16	3097.2	15.6	-21126.8	-1472.2	-9051.4	-78.2
	17	2216.2	-143.5	-20153.3	-1678.8	-7886.4	-93.2
	18	632.4	-61.6	-18783.4	-1528.8	-6636.4	43.2
	19	633.2	-947.6	-18432.4	-2776.6	-6914.6	44.5
	20	1021.5	-1267.0	-18625.2	-3242.7	-6920.8	-82.9
	21	1022.3	-2153.1	-18274.2	-4490.5	-7198.9	-81.6
	22	2375.0	-1540.7	-20149.4	-3651.6	-9832.3	104.9
	23	1494.0	-1699.8	-19175.9	-3858.3	-8667.3	89.8
	24	3099.8	-2938.0	-19956.8	-5631.5	-9978.5	-73.9
	25	2218.9	-3097.1	-18983.3	-5838.1	-8813.5	-88.9
	Min	632.4	-3097.1	-22028.4	-5838.1	-11082.3	-93.2
	Max	3958.8	1412.9	-18274.2	507.7	-6636.4	104.9
924	10	75.1	-409.9	-33698.6	-1048.1	2754.0	88.3
	11	-146.1	-1341.3	-34177.7	-2661.9	3114.2	93.3
	12	321.1	-53.4	-33493.7	-902.5	2306.3	-38.6

## RELAZIONE SULLE FONDAZIONI

	13	99.9	-984.8	-33972.8	-2516.4	2666.6	-33.6
	14	-734.5	691.9	-33984.5	478.1	3960.2	91.4
	15	-1681.5	714.8	-34677.2	331.4	5368.4	76.8
	16	-563.0	1071.5	-33706.3	994.6	3545.3	-87.6
	17	-1510.1	1094.3	-34399.0	847.9	4953.4	-102.3
	18	-3081.8	-333.8	-36007.7	-1537.2	7447.8	39.5
	19	-3303.1	-1265.2	-36486.8	-3151.1	7808.1	44.5
	20	-2835.8	22.7	-35802.7	-1391.6	7000.2	-87.5
	21	-3057.0	-908.7	-36281.8	-3005.5	7360.5	-82.5
	22	-1471.9	-2412.9	-35581.4	-4901.4	5161.0	108.1
	23	-2419.0	-2390.1	-36274.1	-5048.2	6569.2	93.4
	24	-1300.4	-2033.3	-35303.3	-4385.0	4746.1	-70.9
	25	-2247.5	-2010.5	-35996.0	-4531.7	6154.2	-85.6
	Min	-3303.1	-2412.9	-36486.8	-5048.2	2306.3	-102.3
	Max	321.1	1094.3	-33493.7	994.6	7808.1	108.1
891	10	-163.5	-1126.6	-26677.9	-2922.1	3265.8	80.9
	11	-165.3	-2035.6	-26146.7	-4229.8	3096.7	86.0
	12	142.9	61.9	-26990.9	-1144.5	3101.0	-43.3
	13	141.1	-847.1	-26459.7	-2452.2	2932.0	-38.2
	14	-1200.9	-21.7	-28504.7	-1396.9	4332.5	86.7
	15	-1972.2	94.7	-29567.1	-1293.9	5099.1	75.7
	16	-615.2	1349.8	-28882.7	621.8	4217.4	-86.9
	17	-1386.5	1466.2	-29945.1	724.8	4983.9	-97.9
	18	-2734.5	-738.6	-30219.3	-2578.9	5820.9	44.1
	19	-2736.3	-1647.7	-29688.1	-3886.6	5651.9	49.2
	20	-2428.1	449.9	-30532.4	-801.3	5656.2	-80.1
	21	-2429.9	-459.2	-30001.1	-2109.0	5487.1	-74.9
	22	-1206.9	-3052.0	-26733.9	-5755.9	3769.0	103.8
	23	-1978.2	-2935.6	-27796.3	-5652.9	4535.5	92.8
	24	-621.2	-1680.5	-27111.9	-3737.2	3653.9	-69.8
	25	-1392.5	-1564.1	-28174.4	-3634.2	4420.4	-80.8
	Min	-2736.3	-3052.0	-30532.4	-5755.9	2932.0	-97.9
	Max	142.9	1466.2	-26146.7	724.8	5820.9	103.8
589	10	1206.0	943.5	-31351.2	1750.6	-1104.1	90.1
	11	1213.3	-61.5	-30928.7	-88.2	-1115.2	92.0
	12	1053.2	58.7	-31282.9	184.8	-875.2	-36.2
	13	1060.5	-946.4	-30860.4	-1653.9	-886.3	-34.3
	14	218.8	2077.1	-32042.7	3829.7	386.5	97.1
	15	-769.4	1955.3	-32110.9	3612.3	1878.9	82.3
	16	-282.1	985.9	-31736.2	1888.8	1142.4	-81.9
	17	-1270.3	864.0	-31804.4	1671.4	2634.7	-96.7
	18	-2087.7	537.4	-31578.4	1025.9	3870.4	40.9
	19	-2080.5	-467.6	-31155.9	-812.8	3859.3	42.8
	20	-2240.6	-347.4	-31510.1	-539.9	4099.3	-85.3
	21	-2233.3	-1352.5	-31087.6	-2378.6	4088.2	-83.5
	22	243.0	-1273.0	-30634.4	-2299.4	349.4	103.3
	23	-745.1	-1394.8	-30702.6	-2516.8	1841.8	88.5
	24	-257.9	-2364.3	-30327.9	-4240.4	1105.3	-75.7
	25	-1246.0	-2486.1	-30396.0	-4457.8	2597.6	-90.4
	Min	-2240.6	-2486.1	-32110.9	-4457.8	-1115.2	-96.7
	Max	1213.3	2077.1	-30327.9	3829.7	4099.3	103.3
588	10	2117.1	600.7	-33884.2	732.8	-4430.8	88.7
	11	2124.2	-400.6	-33481.3	-1153.3	-4441.2	91.4
	12	1970.3	259.0	-33847.7	646.2	-4222.3	-38.0
	13	1977.3	-742.2	-33444.9	-1239.9	-4232.7	-35.3
	14	1137.7	1780.4	-34429.7	3362.6	-2966.7	94.3

## RELAZIONE SULLE FONDAZIONI

	15	155.2	1748.4	-34474.8	3494.3	-1493.2	79.3
	16	640.9	1340.7	-34347.1	2724.7	-2223.8	-84.9
	17	-341.6	1308.7	-34392.1	2856.4	-750.2	-99.9
	18	-1157.9	493.9	-34034.2	1171.9	481.1	38.7
	19	-1150.8	-507.3	-33631.4	-714.2	470.7	41.4
	20	-1304.7	152.2	-33997.7	1085.3	689.6	-88.0
	21	-1297.7	-849.0	-33594.9	-800.7	679.2	-85.3
	22	1161.1	-1557.0	-33087.0	-2924.4	-3001.4	103.3
	23	178.6	-1589.0	-33132.0	-2792.7	-1527.9	88.3
	24	664.3	-1996.7	-33004.3	-3562.3	-2258.5	-75.9
	25	-318.2	-2028.8	-33049.3	-3430.5	-784.9	-90.9
	Min	-1304.7	-2028.8	-34474.8	-3562.3	-4441.2	-99.9
	Max	2124.2	1780.4	-33004.3	3494.3	689.6	103.3
587	10	1841.1	145.7	-28152.5	1125.1	-3421.2	86.0
	11	1850.2	-779.3	-28018.1	-377.6	-3162.2	91.7
	12	1698.7	744.5	-28212.7	2180.3	-3501.0	-41.0
	13	1707.8	-180.5	-28078.3	677.5	-3242.0	-35.3
	14	822.4	1293.8	-28212.2	3020.3	-1802.9	88.3
	15	-202.4	1463.6	-28170.8	3300.7	-162.4	73.9
	16	304.9	2151.0	-28370.2	4445.7	-1895.8	-90.4
	17	-719.9	2320.8	-28328.8	4726.1	-255.3	-104.8
	18	-1574.9	711.7	-28014.6	2059.8	2047.1	37.9
	19	-1565.8	-213.3	-27880.2	557.0	2306.0	43.6
	20	-1717.4	1310.5	-28074.9	3114.9	1967.3	-89.1
	21	-1708.3	385.5	-27940.5	1612.2	2226.2	-83.4
	22	852.7	-1789.6	-27764.2	-1988.8	-939.7	107.5
	23	-172.1	-1619.8	-27722.8	-1708.4	700.8	93.0
	24	335.2	-932.4	-27922.1	-563.4	-1032.5	-71.3
	25	-689.6	-762.6	-27880.8	-283.0	607.9	-85.7
	Min	-1717.4	-1789.6	-28370.2	-1988.8	-3501.0	-104.8
	Max	1850.2	2320.8	-27722.8	4726.1	2306.0	107.5
586	10	300.3	-421.7	-21477.8	-336.1	1921.2	84.1
	11	439.1	-1333.3	-21645.8	-1658.6	1711.3	89.2
	12	267.4	749.6	-21343.2	1391.0	2034.4	-41.0
	13	406.3	-161.9	-21511.2	68.5	1824.6	-35.8
	14	-892.1	727.6	-21688.7	1350.2	3480.6	88.2
	15	-1775.2	881.3	-22015.7	1588.4	4606.8	75.2
	16	-924.7	2086.1	-21503.2	3346.3	3592.3	-87.5
	17	-1807.8	2239.9	-21830.1	3584.6	4718.5	-100.5
	18	-2643.3	90.9	-22567.7	458.1	5675.0	40.7
	19	-2504.4	-820.7	-22735.7	-864.4	5465.2	45.8
	20	-2676.1	1262.3	-22433.1	2185.2	5788.3	-84.4
	21	-2537.2	350.7	-22601.1	862.7	5578.4	-79.2
	22	-429.2	-2310.9	-22248.8	-3058.0	2781.1	105.4
	23	-1312.2	-2157.1	-22575.7	-2819.7	3907.3	92.4
	24	-461.7	-952.4	-22063.2	-1061.9	2892.8	-70.3
	25	-1344.8	-798.6	-22390.2	-823.6	4019.0	-83.3
	Min	-2676.1	-2310.9	-22735.7	-3058.0	1711.3	-100.5
	Max	439.1	2239.9	-21343.2	3584.6	5788.3	105.4
585	10	3969.1	1215.0	-15980.5	1904.1	-11264.3	91.7
	11	3975.9	328.1	-15883.0	636.6	-11100.4	95.1
	12	3831.1	19.1	-15916.0	206.1	-11246.2	-31.5
	13	3837.9	-867.8	-15818.6	-1061.4	-11082.3	-28.1
	14	3123.1	2156.3	-15772.7	3260.6	-10305.6	97.0
	15	2277.9	1993.6	-15491.6	3037.6	-9331.8	83.2
	16	2688.9	767.3	-15695.6	1286.6	-10315.2	-77.2

## RELAZIONE SULLE FONDAZIONI

	17	1843.7	604.6	-15414.6	1063.6	-9341.4	-91.0
	18	1151.6	672.5	-15043.7	1160.6	-8018.4	45.7
	19	1158.4	-214.4	-14946.2	-106.9	-7854.5	49.1
	20	1013.6	-523.4	-14979.3	-537.4	-8000.3	-77.5
	21	1020.5	-1410.3	-14881.8	-1804.9	-7836.5	-74.1
	22	3145.8	-799.9	-15447.7	-964.4	-9759.3	108.6
	23	2300.6	-962.6	-15166.7	-1187.4	-8785.6	94.8
	24	2711.7	-2188.9	-15370.6	-2938.3	-9768.9	-65.6
	25	1866.4	-2351.6	-15089.6	-3161.4	-8795.2	-79.4
	Min	1013.6	-2351.6	-15980.5	-3161.4	-11264.3	-91.0
	Max	3975.9	2156.3	-14881.8	3260.6	-7836.5	108.6
584	10	741.1	62.0	-30041.5	204.5	615.2	85.9
	11	747.8	-821.7	-29905.3	-1234.2	604.8	90.6
	12	580.4	312.7	-30078.7	643.7	877.6	-40.9
	13	587.1	-570.9	-29942.5	-795.0	867.2	-36.2
	14	-257.0	1142.6	-30118.8	1993.9	2152.7	89.8
	15	-1255.9	1219.6	-30053.3	2134.0	3692.1	75.7
	16	-767.9	1473.6	-30166.3	2538.0	2956.1	-88.5
	17	-1766.7	1550.5	-30100.8	2678.1	4495.4	-102.5
	18	-2588.4	318.5	-29823.1	671.4	5746.3	39.1
	19	-2581.6	-565.2	-29686.9	-767.2	5735.9	43.8
	20	-2749.1	569.2	-29860.3	1110.6	6008.6	-87.7
	21	-2742.3	-314.4	-29724.1	-328.1	5998.2	-83.0
	22	-234.6	-1803.0	-29664.8	-2801.6	2118.1	105.4
	23	-1233.4	-1726.0	-29599.3	-2661.6	3657.4	91.4
	24	-745.4	-1472.0	-29712.3	-2257.5	2921.4	-72.8
	25	-1744.2	-1395.1	-29646.8	-2117.5	4460.7	-86.9
	Min	-2749.1	-1803.0	-30166.3	-2801.6	604.8	-102.5
	Max	747.8	1550.5	-29599.3	2678.1	6008.6	105.4
247	10	1059.5	-987.5	-18004.8	-2401.6	-124.6	82.4
	11	1069.5	-1899.6	-18978.7	-3729.3	-116.0	87.2
	12	649.0	158.2	-17337.0	-766.1	448.3	-41.4
	13	659.0	-753.9	-18311.0	-2093.8	457.0	-36.5
	14	74.6	154.6	-17657.2	-740.1	1260.5	86.8
	15	-906.9	302.8	-18206.5	-523.3	2670.4	73.9
	16	-679.6	1490.3	-16694.0	1176.4	2332.8	-87.2
	17	-1661.1	1638.6	-17243.3	1393.3	3742.7	-100.1
	18	-2212.1	-493.4	-19835.9	-1678.7	4575.0	39.4
	19	-2202.1	-1405.5	-20809.8	-3006.4	4583.6	44.3
	20	-2622.5	652.3	-19168.1	-43.2	5147.9	-84.3
	21	-2612.5	-259.8	-20142.0	-1370.9	5156.5	-79.4
	22	108.0	-2885.9	-20903.6	-5165.8	1289.2	103.0
	23	-873.4	-2737.6	-21452.9	-4948.9	2699.1	90.1
	24	-646.2	-1550.1	-19940.3	-3249.2	2361.5	-71.0
	25	-1627.6	-1401.9	-20489.7	-3032.4	3771.4	-83.8
	Min	-2622.5	-2885.9	-21452.9	-5165.8	-124.6	-100.1
	Max	1069.5	1638.6	-16694.0	1393.3	5156.5	103.0
246	10	3083.3	683.3	-19380.5	-9.5	-7374.1	96.3
	11	3098.2	-171.0	-20654.7	-1139.9	-7490.2	96.6
	12	2766.9	-523.1	-20109.5	-1761.9	-7253.4	-31.5
	13	2781.8	-1377.4	-21383.7	-2892.3	-7369.5	-31.2
	14	2321.6	1621.3	-17053.8	1307.9	-6599.9	103.5
	15	1570.2	1498.7	-16638.0	1240.4	-6056.7	86.7
	16	1740.7	245.9	-18493.1	-599.0	-6489.3	-78.8
	17	989.3	123.2	-18077.3	-666.5	-5946.1	-95.6
	18	578.7	274.5	-17994.5	-234.5	-5563.5	40.2

## RELAZIONE SULLE FONDAZIONI

	19	593.6	-579.7	-19268.7	-1364.9	-5679.6	40.5
	20	262.3	-931.9	-18723.5	-1986.9	-5442.8	-87.6
	21	277.2	-1786.1	-19997.7	-3117.3	-5558.9	-87.3
	22	2371.3	-1226.1	-21300.9	-2460.3	-6986.9	104.6
	23	1619.9	-1348.7	-20885.1	-2527.8	-6443.7	87.8
	24	1790.3	-2601.6	-22740.2	-4367.2	-6876.2	-77.7
	25	1038.9	-2724.2	-22324.4	-4434.7	-6333.1	-94.5
	Min	262.3	-2724.2	-22740.2	-4434.7	-7490.2	-95.6
	Max	3098.2	1621.3	-16638.0	1307.9	-5442.8	104.6
244	10	1913.2	35.6	-28901.3	-1528.4	-3191.7	91.0
	11	1932.3	-725.3	-29858.3	-2475.5	-3233.4	92.6
	12	1477.9	-699.5	-29599.8	-2560.9	-2548.2	-35.8
	13	1497.0	-1460.4	-30556.7	-3508.0	-2589.8	-34.3
	14	893.9	909.7	-27918.8	-404.1	-1683.5	98.1
	15	-114.0	832.4	-28127.9	-459.7	-205.8	82.9
	16	101.3	21.8	-28837.1	-1605.1	-511.4	-82.0
	17	-906.6	-55.5	-29046.1	-1660.7	966.2	-97.2
	18	-1446.2	-221.9	-29598.1	-1713.7	1733.8	40.4
	19	-1427.1	-982.8	-30555.0	-2660.8	1692.2	42.0
	20	-1881.5	-957.0	-30296.5	-2746.2	2377.4	-86.4
	21	-1862.5	-1717.9	-31253.5	-3693.3	2335.7	-84.8
	22	957.3	-1626.8	-31108.7	-3561.0	-1822.3	103.3
	23	-50.5	-1704.1	-31317.7	-3616.6	-344.6	88.2
	24	164.7	-2514.7	-32026.9	-4762.0	-650.2	-76.7
	25	-843.1	-2591.9	-32235.9	-4817.6	827.4	-91.9
	Min	-1881.5	-2591.9	-32235.9	-4817.6	-3233.4	-97.2
	Max	1932.3	909.7	-27918.8	-404.1	2377.4	103.3
242	10	2091.1	-485.9	-30341.6	-2656.4	-3859.6	85.9
	11	2112.1	-1215.5	-31298.7	-3549.1	-3904.3	88.4
	12	1659.1	-767.0	-30754.8	-3065.5	-3223.6	-40.3
	13	1680.1	-1496.5	-31711.9	-3958.3	-3268.2	-37.7
	14	1087.5	366.1	-29277.7	-1609.6	-2409.1	91.9
	15	97.0	334.5	-29312.6	-1642.5	-989.4	77.1
	16	302.6	9.8	-29666.7	-2105.9	-1257.3	-86.9
	17	-687.9	-21.8	-29701.6	-2138.8	162.4	-101.7
	18	-1210.6	-591.1	-30457.7	-2766.0	872.6	36.4
	19	-1189.6	-1320.7	-31414.8	-3658.8	828.0	39.0
	20	-1642.6	-872.1	-30870.9	-3175.2	1508.7	-89.7
	21	-1621.6	-1601.7	-31828.0	-4067.9	1464.0	-87.2
	22	1157.5	-2065.8	-32468.0	-4585.5	-2558.0	100.5
	23	167.0	-2097.4	-32502.9	-4618.4	-1138.3	85.6
	24	372.6	-2422.1	-32857.1	-5081.8	-1406.2	-78.3
	25	-617.9	-2453.7	-32891.9	-5114.7	13.5	-93.2
	Min	-1642.6	-2453.7	-32891.9	-5114.7	-3904.3	-101.7
	Max	2112.1	366.1	-29277.7	-1609.6	1508.7	100.5
240	10	1277.6	-943.1	-21807.5	-3906.8	-928.1	79.9
	11	1282.6	-1731.7	-21670.0	-5010.1	-909.1	82.9
	12	858.8	-858.9	-21839.7	-3735.3	-331.7	-44.7
	13	863.9	-1647.5	-21702.2	-4838.6	-312.6	-41.6
	14	274.9	-146.5	-21777.0	-2899.3	524.4	85.3
	15	-730.6	-213.0	-21602.5	-3119.3	2018.6	71.8
	16	-496.3	29.2	-21784.1	-2681.7	1657.9	-88.7
	17	-1501.8	-37.3	-21609.6	-2901.6	3152.1	-102.1
	18	-2074.0	-1164.8	-21226.0	-4640.0	4052.6	35.0
	19	-2069.0	-1953.3	-21088.4	-5743.3	4071.7	38.1
	20	-2492.7	-1080.6	-21258.2	-4468.5	4649.1	-89.5

## RELAZIONE SULLE FONDAZIONI

	21	-2487.7	-1869.1	-21120.7	-5571.8	4668.1	-86.5
	22	291.6	-2775.0	-21318.6	-6576.9	587.9	95.5
	23	-713.8	-2841.5	-21144.1	-6796.9	2082.2	82.1
	24	-479.6	-2599.3	-21325.7	-6359.3	1721.4	-78.4
	25	-1485.0	-2665.8	-21151.2	-6579.3	3215.6	-91.9
	Min	-2492.7	-2841.5	-21839.7	-6796.9	-928.1	-102.1
	Max	1282.6	29.2	-21088.4	-2681.7	4668.1	95.5
236	10	2031.6	-1361.3	-29968.3	-4400.5	-3408.6	84.7
	11	2084.4	-2206.2	-31372.2	-5608.2	-3833.6	91.0
	12	1553.2	-615.9	-28869.2	-3777.7	-2854.9	-41.2
	13	1606.1	-1460.8	-30273.1	-4985.4	-3279.9	-34.9
	14	1001.5	-328.3	-27477.6	-2923.8	-1234.0	86.3
	15	6.4	-246.1	-26623.0	-2669.5	222.4	71.9
	16	138.2	514.1	-26090.0	-1843.2	-639.4	-91.1
	17	-856.9	596.2	-25235.4	-1588.9	817.1	-105.6
	18	-1285.4	-1087.6	-27119.5	-3552.8	1446.3	36.6
	19	-1232.6	-1932.5	-28523.4	-4760.5	1021.3	42.9
	20	-1763.7	-342.2	-26020.5	-2930.1	2000.0	-89.2
	21	-1710.9	-1187.1	-27424.4	-4137.7	1575.0	-82.9
	22	1177.6	-3144.7	-32157.3	-6949.3	-2650.7	107.3
	23	182.5	-3062.5	-31302.7	-6695.0	-1194.2	92.9
	24	314.2	-2302.3	-30769.7	-5868.8	-2056.0	-70.1
	25	-680.8	-2220.2	-29915.1	-5614.5	-599.5	-84.6
	Min	-1763.7	-3144.7	-32157.3	-6949.3	-3833.6	-105.6
	Max	2084.4	596.2	-25235.4	-1588.9	2000.0	107.3

3.2.2.1. Rz Min/Max

Pali di fondazione	Comb	Rz [kg]
935	23	-41398.3
1320	21	-9247.5

Com.	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
10	36267.1	10912.4	-639727.3	22264.5	-48009.2	3626.1
11	36138.4	-10241.8	-639993.0	-6981.7	-47718.9	3697.9
12	38865.7	10639.9	-639882.2	22164.9	-51596.1	417.0
13	38737.0	-10514.3	-640147.8	-7081.3	-51305.9	488.8
14	9760.1	35586.4	-639027.1	56989.7	-18899.3	2882.8
15	-12741.2	35466.9	-638684.4	57238.2	7516.7	1965.2
16	13170.1	35047.3	-639163.4	56260.6	-19745.7	-1148.2
17	-9331.1	34927.8	-638820.8	56509.1	6670.4	-2065.7
18	-38737.0	10514.3	-638585.4	23092.8	40044.4	567.6
19	-38865.7	-10639.9	-638851.0	-6153.4	40334.7	639.4
20	-36138.4	10241.8	-638740.3	22993.2	36457.5	-2641.5
21	-36267.1	-10912.4	-639005.8	-6253.0	36747.7	-2569.7
22	9331.1	-34927.8	-639912.4	-40497.6	-17931.8	3122.1
23	-13170.1	-35047.3	-639569.8	-40249.1	8484.3	2204.6
24	12741.2	-35466.9	-640048.8	-41226.8	-18778.2	-908.8
25	-9760.1	-35586.4	-639706.2	-40978.3	7637.9	-1826.4

Baricentro geometrico di 26 pali 17.07 5.09 [m]

3.2.2.2. Punto di passaggio reazione Rz:

Comb.	Rz [kg]	x [m]	y [m]
10	-639727.3	17.29	5.19
11	-639993.0	17.29	5.08
12	-639882.2	17.31	5.19
13	-640147.8	17.31	5.08
14	-639027.1	17.16	5.33
15	-638684.4	17.05	5.33
16	-639163.4	17.20	5.33
17	-638820.8	17.09	5.33
18	-638585.4	16.94	5.20
19	-638851.0	16.93	5.09
20	-638740.3	16.96	5.20
21	-639005.8	16.95	5.09
22	-639912.4	17.15	4.95
23	-639569.8	17.05	4.95
24	-640048.8	17.19	4.95
25	-639706.2	17.09	4.95

## RELAZIONE SULLE FONDAZIONI

## 3.2.3. Stato Limite di Esercizio – Combinazioni RARE

Palo Nodo	Comb	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
1647	26	85.4	-1345.0	-15534.6	-7404.4	4204.6	378.9
	27	86.1	-1258.1	-14972.8	-7074.2	4013.3	354.4
	28	83.7	-1230.9	-14830.7	-6987.7	3964.6	351.7
	29	85.5	-1209.7	-14960.3	-7039.2	4007.2	361.2
	30	91.6	-1207.0	-15309.9	-7210.5	4126.6	373.4
	31	83.0	-1212.4	-15068.6	-7094.6	4045.1	367.5
	32	84.9	-1222.5	-15070.5	-7101.4	4044.4	367.4
	33	93.3	-1285.5	-15079.8	-7144.2	4032.7	362.9
	34	67.5	-1498.6	-17183.7	-8164.4	4626.2	416.5
	Min	67.5	-1498.6	-17183.7	-8164.4	3964.6	351.7
	Max	93.3	-1207.0	-14830.7	-6987.7	4626.2	416.5
1607	26	279.0	2261.6	-23983.6	5507.6	-363.3	393.1
	27	315.4	2196.6	-23021.2	5299.4	-433.2	367.6
	28	310.3	2186.0	-22780.0	5249.8	-444.7	364.8
	29	293.8	2245.9	-22989.3	5332.6	-430.1	374.3
	30	290.7	2347.0	-23569.7	5511.6	-401.2	387.0
	31	279.2	2273.6	-23178.0	5383.9	-412.0	380.7
	32	281.8	2263.3	-23177.9	5376.2	-415.3	380.8
	33	326.0	2191.0	-23251.9	5304.0	-514.0	376.7
	34	253.7	2484.5	-26385.7	6097.0	-294.4	431.1
	Min	253.7	2186.0	-26385.7	5249.8	-514.0	364.8
	Max	326.0	2484.5	-22780.0	6097.0	-294.4	431.1
1320	26	1453.5	2492.2	-15489.2	7946.9	-5985.6	5.7
	27	1518.4	2344.2	-14826.1	7431.2	-6036.4	2.9
	28	1513.1	2310.2	-14640.2	7305.9	-6019.8	1.6
	29	1456.7	2434.7	-14847.6	7538.8	-5956.5	3.7
	30	1435.9	2581.3	-15160.4	7830.4	-5947.1	6.1
	31	1440.3	2403.4	-14651.4	7416.8	-5924.8	2.8
	32	1435.6	2485.8	-15049.1	7701.4	-5939.9	4.1
	33	1622.3	2518.8	-16210.9	8092.4	-6538.0	2.1
	34	1431.6	2344.4	-14780.3	7517.6	-5919.4	3.4
	Min	1431.6	2310.2	-16210.9	7305.9	-6538.0	1.6
	Max	1622.3	2581.3	-14640.2	8092.4	-5919.4	6.1
1315	26	-2398.4	2647.5	-18318.5	8695.5	8210.1	-7.2
	27	-2291.4	2517.0	-17212.4	8166.6	7995.6	-6.6
	28	-2286.3	2494.3	-16963.0	8045.8	7971.4	-7.6
	29	-2359.8	2586.2	-17329.8	8239.3	8097.5	-5.2
	30	-2402.2	2700.0	-17769.4	8493.0	8191.0	-3.7
	31	-2367.5	2559.9	-17088.1	8114.1	8095.3	-5.7
	32	-2395.7	2636.6	-17670.9	8409.8	8173.2	-6.5
	33	-2541.6	2728.7	-18868.3	8936.1	8796.0	-8.4
	34	-2381.7	2506.1	-17489.3	8236.0	8123.3	-6.3
	Min	-2541.6	2494.3	-18868.3	8045.8	7971.4	-8.4
	Max	-2286.3	2728.7	-16963.0	8936.1	8796.0	-3.7
1314	26	1549.8	2259.3	-16128.3	7414.2	-6246.8	14.0
	27	1609.2	2183.4	-15396.9	7034.0	-6269.2	9.6
	28	1600.1	2175.9	-15199.6	6951.2	-6242.3	8.8
	29	1545.5	2249.9	-15398.9	7108.5	-6189.6	11.4
	30	1526.9	2342.3	-15708.8	7317.3	-6186.6	14.7
	31	1525.2	2236.1	-15183.5	7016.9	-6151.5	11.3
	32	1524.7	2285.5	-15624.7	7237.1	-6181.2	13.1

## RELAZIONE SULLE FONDAZIONI

	33	1717.4	2364.1	-16873.1	7692.3	-6784.1	9.0
	34	1525.1	2152.2	-15346.9	7040.3	-6174.6	11.5
	Min	1524.7	2152.2	-16873.1	6951.2	-6784.1	8.8
	Max	1717.4	2364.1	-15183.5	7692.3	-6151.5	14.7
1313	26	-1381.5	2901.2	-22751.7	9849.9	4513.2	2.3
	27	-1274.7	2867.6	-22027.3	9588.8	4316.4	-1.3
	28	-1269.9	2873.4	-21876.7	9544.5	4292.2	-2.5
	29	-1339.5	2931.9	-22132.2	9672.1	4399.5	0.6
	30	-1376.1	3007.1	-22417.1	9845.0	4469.3	3.5
	31	-1347.0	2928.8	-21988.3	9616.3	4391.0	0.2
	32	-1375.3	2956.6	-22358.8	9771.8	4463.8	1.5
	33	-1515.6	3034.4	-23510.1	10192.9	5081.2	-2.3
	34	-1217.7	2951.7	-23229.0	10032.0	3893.8	0.6
	Min	-1515.6	2867.6	-23510.1	9544.5	3893.8	-2.5
	Max	-1217.7	3034.4	-21876.7	10192.9	5081.2	3.5
1279	26	-1375.8	2390.4	-28415.7	7644.7	4379.6	16.6
	27	-1277.5	2295.6	-27416.0	7293.6	4203.6	13.2
	28	-1273.5	2274.7	-27177.7	7203.1	4184.4	11.9
	29	-1339.3	2372.5	-27496.3	7365.3	4283.8	14.9
	30	-1375.6	2491.4	-27896.4	7584.8	4352.3	18.2
	31	-1345.4	2350.8	-27263.8	7271.0	4276.6	14.1
	32	-1370.8	2408.6	-27802.1	7478.9	4339.0	15.5
	33	-1397.7	2487.4	-30305.9	8008.7	4521.3	12.9
	34	-1360.2	2268.0	-27608.6	7285.8	4305.3	14.3
	Min	-1397.7	2268.0	-30305.9	7203.1	4184.4	11.9
	Max	-1273.5	2491.4	-27177.7	8008.7	4521.3	18.2
1262	26	1307.1	1253.2	-31196.1	3560.6	-5412.4	7.0
	27	1349.2	1230.5	-30223.2	3443.0	-5386.2	4.0
	28	1340.0	1234.4	-29965.4	3430.2	-5358.1	2.7
	29	1293.5	1308.3	-30230.6	3532.1	-5328.2	5.6
	30	1281.0	1389.7	-30622.2	3643.5	-5344.0	8.6
	31	1274.8	1312.1	-29962.0	3523.1	-5290.4	4.9
	32	1279.6	1324.8	-30526.6	3579.5	-5336.0	6.1
	33	1413.9	1314.2	-33386.7	3754.0	-5744.9	3.2
	34	1276.5	1215.6	-30294.8	3489.9	-5321.7	5.2
	Min	1274.8	1215.6	-33386.7	3430.2	-5744.9	2.7
	Max	1413.9	1389.7	-29962.0	3754.0	-5290.4	8.6
938	26	-794.9	307.6	-49330.7	31.9	2316.7	10.9
	27	-717.7	299.5	-46527.4	-1.9	2192.3	7.2
	28	-724.9	305.3	-45820.3	6.1	2203.9	5.7
	29	-784.5	407.8	-46504.2	184.9	2302.9	8.7
	30	-804.6	519.1	-47466.5	376.8	2336.9	12.0
	31	-801.6	415.1	-45794.3	197.1	2330.0	7.8
	32	-811.2	420.3	-47347.2	213.0	2345.7	9.5
	33	-826.5	255.4	-51191.7	-149.9	2461.1	6.6
	34	-803.4	267.5	-47062.0	-26.3	2313.4	8.4
	Min	-826.5	255.4	-51191.7	-149.9	2192.3	5.7
	Max	-717.7	519.1	-45794.3	376.8	2461.1	12.0
935	26	184.6	497.7	-50304.6	805.1	-1242.2	14.5
	27	280.3	465.8	-46823.6	658.2	-1434.5	10.5
	28	278.4	466.7	-45958.3	636.4	-1442.7	9.0
	29	215.6	562.9	-46818.9	818.7	-1331.7	12.0
	30	189.1	673.3	-48006.3	1035.4	-1274.3	15.2
	31	204.1	561.9	-45957.3	793.7	-1325.8	11.0
	32	183.4	584.2	-47868.2	883.0	-1268.9	12.8
	33	252.1	451.5	-51601.3	610.7	-1458.6	10.4

## RELAZIONE SULLE FONDAZIONI

	34	193.7	426.1	-47558.9	613.6	-1310.9	11.8
	Min	183.4	426.1	-51601.3	610.7	-1458.6	9.0
	Max	280.3	673.3	-45957.3	1035.4	-1242.2	15.2
932	26	222.0	1181.8	-44707.4	3515.9	-1313.4	6.2
	27	293.1	704.0	-40602.2	1656.5	-1414.6	4.6
	28	286.2	598.3	-39571.0	1214.2	-1404.9	3.7
	29	233.0	784.8	-40608.5	1784.7	-1329.9	5.8
	30	215.6	1029.6	-42049.0	2554.9	-1304.4	7.9
	31	215.8	671.7	-39567.7	1330.1	-1304.7	5.6
	32	208.0	943.8	-41848.1	2370.0	-1294.6	6.0
	33	282.9	790.0	-44836.5	1969.5	-1499.7	3.9
	34	198.7	751.3	-41261.7	1953.4	-1264.5	5.3
	Min	198.7	598.3	-44836.5	1214.2	-1499.7	3.7
	Max	293.1	1181.8	-39567.7	3515.9	-1264.5	7.9
928	26	2858.0	-119.7	-24713.4	-1625.2	-11076.0	17.6
	27	2821.8	268.8	-22787.2	-167.6	-10782.3	11.8
	28	2789.9	369.4	-22288.9	202.4	-10679.4	9.7
	29	2764.7	369.0	-22770.2	-26.2	-10706.4	13.2
	30	2782.5	339.3	-23465.7	-384.2	-10812.0	17.2
	31	2724.0	472.5	-22264.9	348.1	-10592.0	11.7
	32	2772.4	259.0	-23349.3	-455.1	-10790.5	14.6
	33	3060.4	181.9	-25033.6	-465.2	-11787.2	11.7
	34	2760.3	161.7	-23091.4	-477.0	-10749.6	13.2
	Min	2724.0	-119.7	-25033.6	-1625.2	-11787.2	9.7
	Max	3060.4	472.5	-22264.9	348.1	-10592.0	17.6
924	26	-1864.3	-57.9	-43841.2	-1097.5	6282.6	13.4
	27	-1754.0	145.1	-42614.2	-428.2	6037.7	9.2
	28	-1752.8	206.9	-42317.6	-244.1	6018.0	7.7
	29	-1817.2	233.8	-42612.2	-281.7	6134.4	10.7
	30	-1845.5	252.9	-43007.1	-363.4	6198.9	13.9
	31	-1826.5	290.5	-42323.1	-106.8	6131.6	9.7
	32	-1854.1	186.0	-42981.8	-461.7	6213.8	11.6
	33	-1963.8	99.4	-46672.3	-594.7	6679.7	9.1
	34	-1850.0	51.5	-42949.3	-657.6	6194.8	10.5
	Min	-1963.8	-57.9	-46672.3	-1097.5	6018.0	7.7
	Max	-1752.8	290.5	-42317.6	-106.8	6679.7	13.9
891	26	-1420.5	-470.9	-37512.9	-2456.2	4705.7	13.1
	27	-1347.6	-415.6	-35848.3	-2395.0	4595.5	9.2
	28	-1350.8	-388.8	-35455.1	-2362.5	4590.2	8.1
	29	-1400.8	-348.3	-35921.0	-2300.7	4655.7	11.2
	30	-1412.4	-290.2	-36608.8	-2188.7	4662.1	14.1
	31	-1401.2	-318.1	-35665.2	-2234.5	4618.1	10.7
	32	-1428.8	-353.8	-36398.9	-2309.7	4702.1	12.2
	33	-1625.1	-470.0	-38367.1	-2598.7	5488.2	9.7
	34	-1237.8	-513.1	-37742.0	-2615.8	3998.1	10.4
	Min	-1625.1	-513.1	-38367.1	-2615.8	3998.1	8.1
	Max	-1237.8	-290.2	-35455.1	-2188.7	5488.2	14.1
589	26	-645.0	544.5	-39151.1	936.7	1914.6	15.8
	27	-601.8	525.6	-37539.0	853.7	1889.8	12.6
	28	-618.1	526.9	-37138.7	843.0	1924.5	11.2
	29	-658.9	634.8	-37574.1	1043.5	1975.9	14.1
	30	-660.0	754.1	-38164.3	1267.9	1963.4	17.2
	31	-682.9	636.6	-37173.8	1033.3	2022.4	13.2
	32	-676.5	650.0	-38062.3	1084.8	1990.3	14.7
	33	-702.5	526.5	-41287.2	874.2	2129.6	12.3
	34	-684.0	466.4	-37700.3	730.8	2008.2	13.7

## RELAZIONE SULLE FONDAZIONI

	Min	-702.5	466.4	-41287.2	730.8	1889.8	11.2
	Max	-601.8	754.1	-37138.7	1267.9	2129.6	17.2
588	26	556.4	599.4	-42000.3	1231.0	-2470.0	13.6
	27	636.3	576.8	-39633.0	1105.3	-2629.6	10.6
	28	629.2	580.3	-39044.2	1090.2	-2628.8	9.2
	29	579.0	681.3	-39664.6	1292.6	-2543.0	12.0
	30	564.5	794.0	-40511.7	1522.3	-2506.9	15.0
	31	563.7	682.6	-39073.1	1272.9	-2529.1	11.3
	32	550.3	699.8	-40380.9	1350.8	-2488.1	12.6
	33	648.2	589.8	-43667.8	1163.1	-2800.2	10.1
	34	548.2	517.9	-39948.6	992.6	-2490.3	11.7
	Min	548.2	517.9	-43667.8	992.6	-2800.2	9.2
	Max	648.2	794.0	-39044.2	1522.3	-2470.0	15.0
587	26	79.2	875.3	-35001.7	2403.5	-699.9	11.2
	27	137.2	719.6	-33612.1	1723.6	-779.5	7.3
	28	123.2	694.4	-33266.1	1576.8	-753.6	5.9
	29	77.5	802.6	-33621.0	1860.5	-684.5	8.9
	30	72.3	938.4	-34106.7	2232.1	-682.3	11.9
	31	54.6	771.9	-33264.8	1708.6	-643.2	8.1
	32	55.3	863.7	-34043.8	2088.3	-653.3	9.7
	33	115.6	768.0	-37013.2	1899.5	-824.0	7.1
	34	24.3	697.8	-33689.7	1767.3	-551.2	8.6
	Min	24.3	694.4	-37013.2	1576.8	-824.0	5.9
	Max	137.2	938.4	-33264.8	2403.5	-551.2	11.9
586	26	-1124.5	550.1	-29270.1	1289.6	3716.0	13.1
	27	-1157.5	598.1	-27632.2	1324.1	3969.7	9.5
	28	-1190.2	624.4	-27230.9	1354.7	4064.5	8.3
	29	-1210.4	669.1	-27640.7	1431.1	4040.1	11.2
	30	-1163.3	727.4	-28405.1	1543.9	3849.9	14.1
	31	-1212.5	694.8	-27556.3	1480.5	4005.0	10.6
	32	-1213.6	667.2	-28063.6	1435.0	4001.4	12.0
	33	-1439.0	613.7	-29622.0	1377.2	4879.0	9.5
	34	-992.8	551.1	-29140.1	1286.9	3180.0	10.8
	Min	-1439.0	550.1	-29622.0	1286.9	3180.0	8.3
	Max	-992.8	727.4	-27230.9	1543.9	4879.0	14.1
585	26	3200.4	623.7	-19663.0	1083.0	-12199.9	21.3
	27	3223.4	614.5	-19653.1	1066.3	-12151.5	18.0
	28	3206.0	615.0	-19643.5	1066.2	-12112.7	16.6
	29	3176.2	714.7	-19644.8	1208.9	-12101.0	19.3
	30	3181.6	823.3	-19658.7	1364.5	-12137.6	22.1
	31	3152.1	718.0	-19633.0	1212.7	-12054.5	18.4
	32	3165.4	724.1	-19646.7	1223.2	-12111.4	19.9
	33	3490.1	622.6	-21534.3	1116.0	-13259.9	18.2
	34	3150.7	562.1	-19537.0	958.3	-12067.2	19.5
	Min	3150.7	562.1	-21534.3	958.3	-13259.9	16.6
	Max	3490.1	823.3	-19537.0	1364.5	-12054.5	22.1
584	26	-1258.5	486.2	-38155.0	913.5	4196.5	12.0
	27	-1204.7	493.0	-38103.5	861.4	4131.9	8.3
	28	-1218.8	506.4	-38089.3	867.8	4158.1	7.0
	29	-1263.5	581.0	-38108.4	1005.2	4223.5	9.8
	30	-1269.0	664.6	-38131.0	1161.1	4227.0	12.9
	31	-1285.3	589.1	-38086.5	1002.0	4261.0	9.1
	32	-1284.6	592.2	-38125.5	1042.6	4250.8	10.6
	33	-1366.5	502.4	-41726.3	897.8	4599.9	8.0
	34	-1282.0	437.4	-38016.5	771.6	4230.6	9.6
	Min	-1366.5	437.4	-41726.3	771.6	4131.9	7.0

## RELAZIONE SULLE FONDAZIONI

	Max	-1204.7	664.6	-38016.5	1161.1	4599.9	12.9
247	26	-729.8	-26.6	-26627.6	-813.8	2366.2	12.7
	27	-685.7	71.4	-25058.1	-597.9	2310.4	9.1
	28	-701.0	108.9	-24670.8	-526.7	2331.2	7.8
	29	-732.4	138.4	-25024.0	-505.9	2369.2	10.9
	30	-716.4	188.8	-25838.9	-420.4	2315.2	14.0
	31	-735.0	195.2	-25149.9	-342.5	2331.6	10.3
	32	-755.1	115.9	-25375.5	-576.7	2407.7	11.6
	33	-884.2	-42.5	-26259.3	-1019.1	2914.4	8.9
	34	-620.9	134.9	-27493.4	-230.3	1896.6	10.6
	Min	-884.2	-42.5	-27493.4	-1019.1	1896.6	7.8
	Max	-620.9	195.2	-24670.8	-230.3	2914.4	14.0
246	26	2307.9	246.7	-24897.2	-252.5	-8716.0	18.3
	27	2310.6	155.9	-23722.0	-585.6	-8613.2	17.6
	28	2285.9	136.6	-23416.1	-662.4	-8556.8	16.8
	29	2264.1	261.5	-23603.1	-425.0	-8554.4	19.2
	30	2279.9	402.6	-23912.7	-146.1	-8607.9	21.5
	31	2234.6	245.6	-23293.5	-495.6	-8493.5	18.9
	32	2257.8	295.5	-23949.5	-314.4	-8578.2	19.0
	33	2406.5	61.7	-25365.0	-906.4	-9089.2	17.8
	34	2374.3	257.9	-25066.5	-122.7	-9019.9	17.8
	Min	2234.6	61.7	-25365.0	-906.4	-9089.2	16.8
	Max	2406.5	402.6	-23293.5	-122.7	-8493.5	21.5
244	26	72.7	-70.3	-38970.2	-1275.0	-559.0	15.3
	27	99.4	30.4	-37409.2	-928.5	-545.9	12.0
	28	76.4	61.6	-37017.2	-831.0	-496.1	10.6
	29	45.5	125.3	-37331.9	-791.3	-460.6	13.5
	30	56.8	188.3	-37788.7	-770.6	-496.3	16.6
	31	16.5	157.6	-36941.0	-691.3	-401.8	12.6
	32	31.4	103.9	-37796.4	-881.1	-454.8	14.1
	33	55.5	-145.2	-40006.3	-1549.8	-512.8	11.8
	34	22.6	162.1	-39508.9	-351.6	-438.8	13.0
	Min	16.5	-145.2	-40006.3	-1549.8	-559.0	10.6
	Max	99.4	188.3	-36941.0	-351.6	-401.8	16.6
242	26	351.1	-353.7	-40042.7	-2214.6	-1585.3	10.6
	27	389.4	-178.4	-37963.6	-1626.4	-1615.6	7.9
	28	369.6	-126.2	-37439.2	-1465.4	-1577.6	6.7
	29	336.1	-90.6	-37888.3	-1500.9	-1532.5	9.5
	30	343.5	-61.8	-38532.2	-1575.1	-1554.2	12.3
	31	310.9	-39.3	-37368.8	-1339.5	-1487.6	8.8
	32	318.5	-132.7	-38507.4	-1660.7	-1513.7	9.8
	33	369.7	-373.2	-40677.7	-2324.7	-1670.8	7.3
	34	314.3	-67.3	-40149.0	-1115.8	-1514.5	8.9
	Min	310.9	-373.2	-40677.7	-2324.7	-1670.8	6.7
	Max	389.4	-39.3	-37368.8	-1115.8	-1487.6	12.3
240	26	-784.1	-1037.8	-28461.4	-4662.6	2553.1	7.8
	27	-745.3	-1004.7	-28073.9	-4615.5	2518.7	4.5
	28	-763.1	-986.8	-27977.4	-4590.7	2549.1	3.2
	29	-793.0	-927.2	-28085.4	-4511.6	2580.9	6.2
	30	-783.4	-850.8	-28275.2	-4385.0	2550.7	9.3
	31	-815.4	-903.4	-28051.1	-4456.4	2615.5	5.5
	32	-810.1	-926.8	-28189.2	-4513.8	2598.8	6.8
	33	-821.4	-1201.9	-30135.3	-5334.4	2670.2	3.5
	34	-895.8	-965.1	-29052.1	-4356.8	2895.5	6.1
	Min	-895.8	-1201.9	-30135.3	-5334.4	2518.7	3.2
	Max	-745.3	-850.8	-27977.4	-4356.8	2895.5	9.3

## RELAZIONE SULLE FONDAZIONI

236	26	223.5	-731.8	-36620.2	-3484.5	-1126.0	9.4
	27	210.6	-478.1	-34288.4	-2667.5	-974.0	5.3
	28	177.4	-401.4	-33683.3	-2441.5	-887.9	3.9
	29	153.0	-402.6	-34180.5	-2558.7	-876.2	6.7
	30	183.4	-413.2	-35000.0	-2723.1	-982.0	9.7
	31	128.1	-329.0	-33710.5	-2329.0	-832.2	6.0
	32	147.6	-465.5	-34840.1	-2783.9	-900.0	7.7
	33	183.9	-678.4	-36859.7	-3402.2	-1000.1	5.2
	34	138.6	-419.3	-36124.7	-2329.0	-886.4	6.4
	Min	128.1	-731.8	-36859.7	-3484.5	-1126.0	3.9
	Max	223.5	-329.0	-33683.3	-2329.0	-832.2	9.7

3.2.3.1. Rz Min/Max

Pali di fondazione	Comb	Rz [kg]
935	33	-51601.3
1320	28	-14640.2

Com.	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
26	953.6	17904.7	-821088.4	37543.1	-9636.8	1046.9
27	2222.5	17968.2	-782986.5	36417.2	-10891.1	919.1
28	1920.1	18215.8	-773461.1	36476.4	-10353.2	882.5
29	820.2	20118.0	-782986.6	39477.8	-8954.2	969.3
30	686.8	22331.3	-797382.7	43117.5	-8993.5	1064.6
31	386.8	20365.6	-775258.8	39631.0	-8319.7	965.2
32	320.8	20365.6	-794055.1	40186.8	-8394.5	997.3
33	953.6	17904.7	-849343.4	36399.1	-9230.1	927.0
34	953.6	17904.7	-807410.5	38325.8	-10337.6	1072.4

Baricentro geometrico di 26 pali 17.07 5.09 [m]

3.2.3.2. Punto di passaggio reazione Rz:

Comb.	Rz [kg]	x [m]	y [m]
26	-821088.4	16.95	4.96
27	-782986.5	16.97	4.95
28	-773461.1	16.97	4.94
29	-782986.6	16.97	4.95
30	-797382.7	16.95	4.95
31	-775258.8	16.94	4.93
32	-794055.1	16.97	4.96
33	-849343.4	17.05	5.04
34	-807410.5	16.85	4.79

## RELAZIONE SULLE FONDAZIONI

## 3.2.4. Stato Limite di Esercizio – Combinazioni FREQUENTI

Palo Nodo	Comb	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
1647	35	45.1	-1650.1	-14559.6	-7154.7	3927.6	355.9
	36	53.0	-1747.8	-15223.6	-7541.6	4155.1	373.9
	37	51.8	-1734.2	-15152.5	-7498.3	4130.7	372.6
	38	52.6	-1723.6	-15217.3	-7524.1	4152.0	377.3
	39	55.7	-1722.3	-15392.1	-7609.7	4211.7	383.4
	40	51.4	-1725.0	-15271.5	-7551.8	4171.0	380.5
	41	52.3	-1730.0	-15272.5	-7555.2	4170.6	380.5
	42	54.7	-1760.2	-15277.9	-7576.2	4167.8	378.4
	43	46.0	-1831.3	-15979.2	-7916.2	4365.6	396.3
	Min	45.1	-1831.3	-15979.2	-7916.2	3927.6	355.9
	Max	55.7	-1650.1	-14559.6	-7154.7	4365.6	396.3
1607	35	210.4	1688.1	-22576.3	4800.1	-313.0	369.9
	36	212.9	1769.0	-23703.4	5053.3	-252.5	389.1
	37	210.4	1763.7	-23582.8	5028.5	-258.3	387.7
	38	202.1	1793.6	-23687.4	5069.9	-251.0	392.5
	39	200.6	1844.2	-23977.7	5159.4	-236.5	398.8
	40	194.8	1807.5	-23781.8	5095.6	-241.9	395.7
	41	196.1	1802.3	-23781.7	5091.7	-243.5	395.7
	42	211.6	1769.0	-23813.1	5061.2	-275.4	393.9
	43	187.5	1866.8	-24857.7	5325.5	-202.2	412.0
	Min	187.5	1688.1	-24857.7	4800.1	-313.0	369.9
	Max	212.9	1866.8	-22576.3	5325.5	-202.2	412.0
1320	35	1425.7	1752.6	-14695.5	7034.6	-5796.5	-1.6
	36	1432.1	1934.0	-15562.4	7651.4	-5851.9	2.3
	37	1429.5	1917.0	-15469.5	7588.7	-5843.7	1.6
	38	1401.2	1979.2	-15573.2	7705.2	-5812.0	2.7
	39	1390.9	2052.6	-15729.5	7851.0	-5807.3	3.9
	40	1393.1	1963.6	-15475.0	7644.2	-5796.1	2.2
	41	1390.7	2004.8	-15673.9	7786.5	-5803.7	2.9
	42	1458.0	1996.6	-16039.4	7888.3	-6008.3	2.0
	43	1394.4	1938.5	-15562.5	7696.7	-5802.1	2.5
	Min	1390.7	1752.6	-16039.4	7034.6	-6008.3	-1.6
	Max	1458.0	2052.6	-14695.5	7888.3	-5796.1	3.9
1315	35	-2264.4	2065.4	-17661.3	8050.2	7793.4	-14.4
	36	-2308.4	2221.7	-18891.4	8675.7	7938.7	-15.0
	37	-2305.8	2210.4	-18766.7	8615.3	7926.6	-15.5
	38	-2342.6	2256.3	-18950.1	8712.1	7989.6	-14.3
	39	-2363.8	2313.2	-19169.9	8838.9	8036.4	-13.5
	40	-2346.5	2243.2	-18829.3	8649.5	7988.6	-14.5
	41	-2360.5	2281.5	-19120.7	8797.3	8027.5	-14.9
	42	-2401.9	2296.4	-19486.2	8949.7	8221.2	-15.6
	43	-2348.6	2222.2	-19026.5	8716.4	7997.0	-14.9
	Min	-2401.9	2065.4	-19486.2	8050.2	7793.4	-15.6
	Max	-2264.4	2313.2	-17661.3	8949.7	8221.2	-13.5
1314	35	1528.2	1680.7	-15506.6	6700.8	-6090.4	0.5
	36	1543.9	1773.9	-16449.3	7158.6	-6174.7	5.4
	37	1539.4	1770.2	-16350.7	7117.2	-6161.2	5.0
	38	1512.0	1807.2	-16450.3	7195.8	-6134.9	6.3
	39	1502.8	1853.4	-16605.3	7300.2	-6133.4	8.0
	40	1501.9	1800.3	-16342.6	7150.0	-6115.8	6.3
	41	1501.6	1825.0	-16563.2	7260.1	-6130.7	7.2

## RELAZIONE SULLE FONDAZIONI

	42	1571.2	1836.4	-16959.4	7389.9	-6336.8	5.4
	43	1507.1	1765.8	-16450.7	7172.6	-6133.6	6.3
	Min	1501.6	1680.7	-16959.4	6700.8	-6336.8	0.5
	Max	1571.2	1853.4	-15506.6	7389.9	-6090.4	8.0
1313	35	-1340.2	2280.2	-21847.5	8885.2	4433.5	-7.4
	36	-1382.0	2323.4	-22614.3	9198.4	4562.0	-3.7
	37	-1379.6	2326.3	-22538.9	9176.2	4550.0	-4.3
	38	-1414.4	2355.5	-22666.7	9240.0	4603.6	-2.7
	39	-1432.7	2393.2	-22809.2	9326.5	4638.5	-1.3
	40	-1418.1	2354.0	-22594.7	9212.1	4599.3	-2.9
	41	-1432.3	2367.9	-22780.0	9289.9	4635.7	-2.3
	42	-1472.6	2379.8	-23139.7	9408.0	4831.8	-3.9
	43	-1373.3	2352.3	-23046.0	9354.4	4436.0	-2.9
	Min	-1472.6	2280.2	-23139.7	8885.2	4433.5	-7.4
	Max	-1340.2	2393.2	-21847.5	9408.0	4831.8	-1.3
1279	35	-1313.5	1695.6	-27374.8	6788.5	4232.1	4.2
	36	-1351.9	1820.9	-28523.1	7239.6	4345.8	8.6
	37	-1349.8	1810.4	-28404.0	7194.4	4336.2	7.9
	38	-1382.8	1859.3	-28563.3	7275.5	4385.9	9.4
	39	-1400.9	1918.8	-28763.4	7385.2	4420.2	11.0
	40	-1385.8	1848.5	-28447.1	7228.3	4382.3	9.0
	41	-1398.5	1877.4	-28716.2	7332.2	4413.5	9.7
	42	-1401.4	1886.9	-29522.3	7486.7	4465.1	8.5
	43	-1388.9	1813.8	-28623.2	7245.8	4393.1	9.0
	Min	-1401.4	1695.6	-29522.3	6788.5	4232.1	4.2
	Max	-1313.5	1918.8	-27374.8	7486.7	4465.1	11.0
1262	35	1292.5	642.0	-30104.4	2903.3	-5289.1	-4.1
	36	1318.5	664.7	-31320.1	3018.7	-5404.6	-0.4
	37	1313.9	666.7	-31191.1	3012.4	-5390.5	-1.0
	38	1290.6	703.6	-31323.8	3063.3	-5375.6	0.4
	39	1284.4	744.3	-31519.6	3119.0	-5383.5	1.9
	40	1281.3	705.5	-31189.5	3058.8	-5356.7	0.1
	41	1283.7	711.9	-31471.8	3087.0	-5379.5	0.7
	42	1332.6	693.7	-32401.6	3128.2	-5518.3	-0.6
	43	1286.8	660.8	-31371.0	3040.2	-5377.2	0.1
	Min	1281.3	642.0	-32401.6	2903.3	-5518.3	-4.1
	Max	1332.6	744.3	-30104.4	3128.2	-5289.1	1.9
938	35	-780.9	-523.5	-48838.7	-1330.2	2255.7	-0.1
	36	-777.3	-512.7	-52174.0	-1297.6	2248.8	4.6
	37	-780.9	-509.8	-51820.5	-1293.6	2254.6	3.9
	38	-810.7	-458.5	-52162.5	-1204.2	2304.1	5.4
	39	-820.8	-402.9	-52643.6	-1108.3	2321.1	7.0
	40	-819.3	-454.9	-51807.5	-1198.2	2317.6	4.9
	41	-824.1	-452.3	-52584.0	-1190.2	2325.4	5.7
	42	-823.7	-527.2	-53820.1	-1345.2	2354.7	4.5
	43	-816.0	-523.2	-52443.5	-1304.1	2305.5	5.1
	Min	-824.1	-527.2	-53820.1	-1345.2	2248.8	-0.1
	Max	-777.3	-402.9	-48838.7	-1108.3	2354.7	7.0
935	35	163.1	-272.0	-50050.8	-441.7	-1174.2	4.2
	36	142.3	-229.1	-54149.9	-257.4	-1090.6	9.2
	37	141.3	-228.6	-53717.2	-268.3	-1094.7	8.4
	38	109.9	-180.6	-54147.5	-177.2	-1039.2	9.9
	39	96.7	-125.4	-54741.2	-68.8	-1010.5	11.5
	40	104.1	-181.0	-53716.7	-189.6	-1036.3	9.4
	41	93.8	-169.9	-54672.2	-145.0	-1007.8	10.3
	42	122.4	-233.2	-55859.1	-269.2	-1080.9	9.2

## RELAZIONE SULLE FONDAZIONI

	43	102.9	-241.7	-54511.7	-268.2	-1031.6	9.7
	Min	93.8	-272.0	-55859.1	-441.7	-1174.2	4.2
	Max	163.1	-125.4	-50050.8	-68.8	-1007.8	11.5
932	35	202.6	665.6	-44624.6	3013.1	-1259.6	-2.6
	36	206.0	1233.4	-49503.0	5217.9	-1263.4	-0.5
	37	202.5	1180.6	-48987.5	4996.8	-1258.5	-1.0
	38	175.9	1273.8	-49506.2	5282.0	-1221.0	0.1
	39	167.2	1396.2	-50226.4	5667.2	-1208.3	1.1
	40	167.3	1217.3	-48985.8	5054.7	-1208.4	-0.0
	41	163.4	1353.3	-50126.0	5574.7	-1203.4	0.2
	42	193.2	1277.7	-51048.6	5383.4	-1278.6	-0.7
	43	165.2	1264.8	-49857.0	5378.0	-1200.2	-0.3
	Min	163.4	665.6	-51048.6	3013.1	-1278.6	-2.6
	Max	206.0	1396.2	-44624.6	5667.2	-1200.2	1.1
928	35	2802.0	-1033.3	-24465.5	-3173.9	-10881.2	6.9
	36	2925.6	-1486.7	-26804.0	-4891.2	-11332.0	14.2
	37	2909.7	-1436.4	-26554.9	-4706.2	-11280.5	13.2
	38	2897.1	-1436.6	-26795.5	-4820.5	-11294.1	15.0
	39	2905.9	-1451.5	-27143.3	-4999.5	-11346.8	17.0
	40	2876.7	-1384.9	-26542.9	-4633.4	-11236.8	14.2
	41	2900.9	-1491.6	-27085.1	-5035.0	-11336.1	15.7
	42	2999.9	-1529.0	-27611.8	-5039.2	-11668.5	14.4
	43	2899.9	-1535.8	-26964.4	-5043.1	-11322.6	14.9
	Min	2802.0	-1535.8	-27611.8	-5043.1	-11668.5	6.9
	Max	2999.9	-1033.3	-24465.5	-3173.9	-10881.2	17.0
924	35	-1851.8	-832.2	-43113.1	-2477.8	6222.1	3.6
	36	-1887.6	-1067.8	-44525.4	-3258.2	6360.4	8.7
	37	-1887.0	-1036.9	-44377.1	-3166.2	6350.6	8.0
	38	-1919.2	-1023.5	-44524.4	-3185.0	6408.8	9.5
	39	-1933.3	-1013.9	-44721.8	-3225.8	6441.0	11.1
	40	-1923.8	-995.1	-44379.9	-3097.5	6407.4	9.0
	41	-1937.6	-1047.4	-44709.2	-3275.0	6448.5	9.9
	42	-1968.7	-1090.1	-45921.8	-3336.8	6594.6	8.8
	43	-1930.8	-1106.1	-44680.8	-3357.8	6432.9	9.3
	Min	-1968.7	-1106.1	-45921.8	-3357.8	6222.1	3.6
	Max	-1851.8	-832.2	-43113.1	-2477.8	6594.6	11.1
891	35	-1437.4	-1057.4	-36239.9	-3303.8	4742.7	3.1
	36	-1447.2	-1116.5	-38144.3	-3361.0	4790.8	7.1
	37	-1448.8	-1103.1	-37947.7	-3344.7	4788.2	6.5
	38	-1473.8	-1082.8	-38180.6	-3313.8	4820.9	8.0
	39	-1479.6	-1053.8	-38524.5	-3257.8	4824.1	9.5
	40	-1473.9	-1067.7	-38052.7	-3280.7	4802.1	7.8
	41	-1487.8	-1085.5	-38419.6	-3318.3	4844.2	8.5
	42	-1548.1	-1136.9	-39044.1	-3432.1	5098.6	7.4
	43	-1419.1	-1151.3	-38835.7	-3437.8	4601.9	7.6
	Min	-1548.1	-1151.3	-39044.1	-3437.8	4601.9	3.1
	Max	-1419.1	-1053.8	-36239.9	-3257.8	5098.6	9.5
589	35	-668.4	-317.6	-38267.2	-536.8	1908.3	4.3
	36	-628.6	-289.3	-40170.7	-428.4	1800.0	8.5
	37	-636.7	-288.7	-39970.6	-433.8	1817.3	7.8
	38	-657.1	-234.7	-40188.3	-333.5	1843.0	9.2
	39	-657.7	-175.1	-40483.3	-221.3	1836.7	10.8
	40	-669.1	-233.8	-39988.1	-338.6	1866.3	8.8
	41	-665.9	-227.1	-40432.4	-312.9	1850.2	9.5
	42	-670.7	-288.8	-41473.7	-419.7	1891.6	8.5
	43	-664.6	-308.9	-40278.1	-467.4	1851.2	8.9

## RELAZIONE SULLE FONDAZIONI

	Min	-670.7	-317.6	-41473.7	-536.8	1800.0	4.3
	Max	-628.6	-175.1	-38267.2	-221.3	1908.3	10.8
588	35	485.5	-219.6	-41312.0	-195.1	-2301.1	2.4
	36	481.8	-189.6	-44109.2	-42.4	-2249.3	6.3
	37	478.3	-187.9	-43814.8	-50.0	-2248.8	5.7
	38	453.2	-137.4	-44125.1	51.2	-2205.9	7.1
	39	445.9	-81.0	-44548.6	166.1	-2187.9	8.6
	40	445.5	-136.7	-43829.3	41.4	-2199.0	6.7
	41	438.8	-128.1	-44483.2	80.3	-2178.5	7.3
	42	475.9	-184.8	-45532.8	-19.3	-2290.0	6.3
	43	442.6	-208.8	-44293.1	-76.1	-2186.7	6.8
	Min	438.8	-219.6	-45532.8	-195.1	-2301.1	2.4
	Max	485.5	-81.0	-41312.0	166.1	-2178.5	8.6
587	35	26.1	248.1	-34351.0	1487.2	-594.4	1.5
	36	53.7	433.9	-35997.5	2292.2	-656.1	6.0
	37	46.7	421.3	-35824.5	2218.8	-643.2	5.3
	38	23.9	475.4	-36001.9	2360.7	-608.6	6.8
	39	21.2	543.3	-36244.8	2546.5	-607.5	8.3
	40	12.4	460.0	-35823.8	2284.7	-588.0	6.4
	41	12.7	506.0	-36213.3	2474.5	-593.0	7.2
	42	36.9	455.0	-37177.0	2373.3	-655.9	6.1
	43	6.5	431.6	-36069.1	2329.2	-565.0	6.6
	Min	6.5	248.1	-37177.0	1487.2	-656.1	1.5
	Max	53.7	543.3	-34351.0	2546.5	-565.0	8.3
586	35	-1197.3	-70.7	-28198.7	315.4	3894.7	2.9
	36	-1077.0	-125.3	-30107.6	276.4	3492.4	6.9
	37	-1093.3	-112.1	-29906.9	291.7	3539.7	6.3
	38	-1103.4	-89.8	-30111.8	329.8	3527.5	7.8
	39	-1079.9	-60.6	-30494.0	386.2	3432.4	9.2
	40	-1104.4	-76.9	-30069.6	354.6	3510.0	7.5
	41	-1105.0	-90.7	-30323.3	331.8	3508.2	8.2
	42	-1176.2	-121.8	-30827.3	292.8	3795.2	7.1
	43	-1027.4	-142.7	-30666.7	262.7	3228.8	7.5
	Min	-1197.3	-142.7	-30827.3	262.7	3228.8	2.9
	Max	-1027.4	-60.6	-28198.7	386.2	3894.7	9.2
585	35	3056.8	-176.3	-19007.9	-54.6	-11765.0	11.4
	36	3107.5	-158.5	-19044.0	-25.3	-11912.7	15.6
	37	3098.8	-158.3	-19039.2	-25.3	-11893.3	14.9
	38	3083.9	-108.4	-19039.8	46.0	-11887.4	16.3
	39	3086.6	-54.1	-19046.8	123.9	-11905.7	17.7
	40	3071.9	-106.7	-19033.9	47.9	-11864.1	15.9
	41	3078.5	-103.7	-19040.8	53.2	-11892.6	16.6
	42	3189.5	-156.1	-19669.5	-8.9	-12276.6	15.8
	43	3076.3	-176.2	-19003.7	-61.5	-11879.0	16.2
	Min	3056.8	-176.3	-19669.5	-61.5	-12276.6	11.4
	Max	3189.5	-54.1	-19003.7	123.9	-11765.0	17.7
584	35	-1260.5	-212.6	-36942.5	-193.2	4114.0	1.9
	36	-1232.1	-219.3	-37009.3	-131.6	4049.4	6.3
	37	-1239.1	-212.6	-37002.2	-128.4	4062.5	5.6
	38	-1261.4	-175.3	-37011.8	-59.7	4095.2	7.0
	39	-1264.2	-133.5	-37023.1	18.3	4096.9	8.5
	40	-1272.3	-171.3	-37000.8	-61.3	4113.9	6.6
	41	-1272.0	-169.7	-37020.3	-41.0	4108.8	7.4
	42	-1295.1	-216.5	-38218.2	-117.7	4218.7	6.3
	43	-1266.9	-238.2	-36981.6	-159.8	4095.6	6.8
	Min	-1295.1	-238.2	-38218.2	-193.2	4049.4	1.9

## RELAZIONE SULLE FONDAZIONI

	Max	-1232.1	-133.5	-36942.5	18.3	4218.7	8.5
247	35	-847.0	-672.3	-25507.5	-1882.2	2635.1	2.0
	36	-815.1	-785.5	-27318.6	-2133.4	2589.1	6.1
	37	-822.8	-766.7	-27124.9	-2097.8	2599.5	5.4
	38	-838.5	-752.0	-27301.5	-2087.4	2618.5	7.0
	39	-830.5	-726.8	-27709.0	-2044.7	2591.5	8.5
	40	-839.8	-723.6	-27364.5	-2005.7	2599.7	6.7
	41	-849.8	-763.2	-27477.2	-2122.8	2637.8	7.4
	42	-889.5	-826.9	-27774.5	-2281.3	2801.2	6.2
	43	-801.7	-767.8	-28185.9	-2018.3	2461.9	6.7
	Min	-889.5	-826.9	-28185.9	-2281.3	2461.9	2.0
	Max	-801.7	-672.3	-25507.5	-1882.2	2801.2	8.5
246	35	2168.8	-568.4	-25162.3	-1430.5	-8384.6	5.6
	36	2245.8	-456.0	-26578.7	-1033.5	-8602.4	6.8
	37	2233.4	-465.7	-26425.8	-1071.8	-8574.2	6.4
	38	2222.5	-403.2	-26519.3	-953.1	-8573.0	7.6
	39	2230.4	-332.7	-26674.1	-813.7	-8599.7	8.8
	40	2207.8	-411.2	-26364.5	-988.4	-8542.5	7.5
	41	2219.3	-386.2	-26692.5	-897.8	-8584.8	7.5
	42	2271.3	-484.9	-27163.2	-1129.6	-8756.8	6.9
	43	2260.5	-419.5	-27063.7	-868.3	-8733.7	6.9
	Min	2168.8	-568.4	-27163.2	-1430.5	-8756.8	5.6
	Max	2271.3	-332.7	-25162.3	-813.7	-8384.6	8.8
244	35	-5.3	-871.5	-38710.2	-2524.6	-451.0	3.9
	36	57.6	-986.1	-40546.7	-2929.4	-614.2	8.1
	37	46.1	-970.5	-40350.6	-2880.7	-589.3	7.4
	38	30.7	-938.6	-40508.0	-2860.8	-571.6	8.9
	39	36.3	-907.2	-40736.4	-2850.5	-589.4	10.4
	40	16.2	-922.5	-40312.5	-2810.8	-542.2	8.4
	41	23.6	-949.3	-40740.3	-2905.7	-568.6	9.2
	42	34.6	-1048.3	-41464.8	-3148.4	-591.9	8.1
	43	23.7	-945.9	-41299.0	-2749.0	-567.2	8.5
	Min	-5.3	-1048.3	-41464.8	-3148.4	-614.2	3.9
	Max	57.6	-871.5	-38710.2	-2524.6	-451.0	10.4
242	35	259.2	-1120.1	-39887.3	-3446.0	-1423.5	-0.6
	36	307.4	-1323.7	-42341.3	-4135.7	-1532.3	2.8
	37	297.5	-1297.6	-42079.1	-4055.2	-1513.3	2.2
	38	280.8	-1279.8	-42303.6	-4072.9	-1490.7	3.6
	39	284.4	-1265.4	-42625.6	-4110.0	-1501.6	5.0
	40	268.2	-1254.1	-42043.9	-3992.2	-1468.3	3.2
	41	271.9	-1300.8	-42613.2	-4152.8	-1481.3	3.8
	42	292.1	-1394.7	-43315.2	-4388.4	-1538.2	2.7
	43	273.7	-1292.8	-43139.0	-3985.5	-1486.1	3.2
	Min	259.2	-1394.7	-43315.2	-4388.4	-1538.2	-0.6
	Max	307.4	-1120.1	-39887.3	-3446.0	-1423.5	5.0
240	35	-853.3	-1689.7	-27366.0	-5590.2	2639.8	-3.6
	36	-810.2	-1721.3	-27827.4	-5623.4	2551.3	0.4
	37	-819.1	-1712.3	-27779.1	-5611.0	2566.5	-0.3
	38	-834.0	-1682.5	-27833.1	-5571.4	2582.4	1.2
	39	-829.2	-1644.3	-27928.0	-5508.1	2567.3	2.8
	40	-845.2	-1670.6	-27816.0	-5543.8	2599.7	0.9
	41	-842.6	-1682.3	-27885.0	-5572.5	2591.4	1.5
	42	-843.9	-1788.7	-28527.1	-5866.4	2613.2	0.1
	43	-868.7	-1709.7	-28166.0	-5540.5	2688.3	1.0
	Min	-868.7	-1788.7	-28527.1	-5866.4	2551.3	-3.6
	Max	-810.2	-1644.3	-27366.0	-5508.1	2688.3	2.8

## RELAZIONE SULLE FONDAZIONI

236	35	154.3	-1430.7	-36483.2	-4660.6	-1033.4	0.7
	36	263.8	-1727.8	-39278.0	-5620.5	-1361.9	5.4
	37	247.2	-1689.5	-38975.4	-5507.5	-1318.8	4.7
	38	235.0	-1690.1	-39224.0	-5566.1	-1313.0	6.1
	39	250.2	-1695.4	-39633.8	-5648.3	-1365.9	7.6
	40	222.5	-1653.3	-38989.0	-5451.2	-1291.0	5.8
	41	232.2	-1721.5	-39553.8	-5678.7	-1324.9	6.6
	42	247.8	-1803.2	-40209.3	-5893.0	-1363.8	5.5
	43	232.7	-1716.9	-39964.4	-5535.3	-1325.9	5.9
	Min	154.3	-1803.2	-40209.3	-5893.0	-1365.9	0.7
	Max	263.8	-1430.7	-36483.2	-4660.6	-1033.4	7.6

3.2.4.1. Rz Min/Max

Pali di fondazione	Comb	Rz [kg]
935	42	-55859.1
1647	35	-14559.6

Com.	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
35	-0.0	0.0	-802854.2	11582.5	-7957.8	750.6
36	634.5	31.7	-847916.9	13071.5	-9414.9	882.9
37	483.3	155.6	-843154.2	13101.1	-9146.0	864.6
38	-66.7	1106.7	-847917.0	14601.8	-8446.4	908.0
39	-133.4	2213.3	-855114.9	16421.7	-8466.1	955.7
40	-283.4	1230.5	-844053.0	14678.4	-8129.2	906.0
41	-316.4	1230.5	-853451.4	14956.3	-8166.6	922.1
42	-0.0	-0.0	-871297.9	13090.3	-8586.3	891.3
43	-0.0	-0.0	-857320.2	13732.5	-8955.5	939.8

Baricentro geometrico di 26 pali 17.07 5.09 [m]3.2.4.2. Punto di passaggio reazione Rz:

Comb.	Rz [kg]	x [m]	y [m]
35	-802854.2	17.02	4.99
36	-847916.9	17.00	5.01
37	-843154.2	17.00	5.01
38	-847917.0	17.00	5.01
39	-855114.9	16.99	5.01
40	-844053.0	16.99	5.00
41	-853451.4	17.00	5.01
42	-871297.9	17.02	5.04
43	-857320.2	16.96	4.96

## RELAZIONE SULLE FONDAZIONI

## 3.2.5. Stato Limite di Esercizio – Combinazione QUASI PERMANENTE

Palo Nodo	Comb	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
1647	44	50.8	-1757.7	-15279.5	-7575.3	4173.8	379.0
1607	44	198.5	1774.5	-23801.7	5072.4	-240.3	394.3
1320	44	1405.8	1947.2	-15608.6	7701.0	-5819.4	2.4
1315	44	-2338.7	2234.2	-19019.9	8728.3	7985.8	-15.1
1314	44	1517.5	1780.7	-16503.5	7194.4	-6146.1	5.9
1313	44	-1412.7	2325.9	-22707.7	9223.3	4606.4	-3.2
1279	44	-1380.2	1827.2	-28630.6	7266.0	4385.8	8.8
1262	44	1296.3	668.0	-31401.3	3036.1	-5387.1	-0.1
938	44	-807.6	-512.2	-52447.9	-1292.5	2297.8	4.9
935	44	110.8	-227.2	-54500.0	-245.3	-1037.3	9.5
932	44	178.1	1280.2	-49905.4	5401.3	-1223.9	-0.4
928	44	2910.0	-1526.8	-26981.0	-5037.6	-11336.5	14.7
924	44	-1921.1	-1089.1	-44656.6	-3327.4	6420.8	9.1
891	44	-1472.6	-1123.4	-38325.0	-3370.7	4821.4	7.6
589	44	-654.5	-288.8	-40331.6	-422.6	1835.2	8.7
588	44	452.3	-188.2	-44345.1	-30.9	-2200.8	6.5
587	44	25.1	449.0	-36134.8	2359.5	-611.1	6.4
586	44	-1093.1	-130.6	-30277.0	272.5	3491.5	7.3
585	44	3086.7	-159.2	-19039.2	-25.9	-11896.0	15.9
584	44	-1259.3	-220.3	-37013.0	-126.4	4089.3	6.6
247	44	-839.5	-795.9	-27485.2	-2155.9	2621.3	6.5
246	44	2226.4	-448.2	-26689.2	-1001.1	-8589.7	6.8
244	44	32.5	-997.2	-40704.1	-2965.0	-580.3	8.4
242	44	281.3	-1342.0	-42549.0	-4195.6	-1494.8	3.0
240	44	-835.2	-1726.3	-27865.1	-5633.4	2585.5	0.7
236	44	242.6	-1753.7	-39500.8	-5703.2	-1341.6	5.8

3.2.5.1. Rz Min/Max

Pali di fondazione	Comb	Rz [kg]
935	44	-54500.0
1647	44	-15279.5

Com.	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
44	-0.0	-0.0	-851702.8	13145.9	-8590.1	900.1

Baricentro geometrico di 26 pali 17.07 5.09 [m]

3.2.5.2. Punto di passaggio reazione Rz:

Comb.	Rz [kg]	x [m]	y [m]
44	-851702.8	17.00	5.01

## RELAZIONE SULLE FONDAZIONI

## 3.2.6. Stato Limite di Danno

Palo Nodo	Comb	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
1647	45	215.2	-1119.9	-10116.6	-4965.1	3503.8	389.3
	46	191.5	-1292.4	-10246.8	-5093.3	3530.2	387.6
	47	158.2	-1038.7	-10120.0	-4902.9	3377.1	367.5
	48	134.5	-1211.1	-10250.3	-5031.1	3403.5	365.8
	49	132.9	-914.5	-9971.3	-4812.4	2872.1	273.8
	50	57.7	-914.8	-9976.1	-4812.6	2450.6	196.9
	51	120.1	-842.3	-9972.5	-4757.2	2963.5	307.3
	52	44.8	-842.6	-9977.3	-4757.4	2542.0	230.4
	53	-35.6	-1121.0	-10132.5	-4965.9	2098.7	132.8
	54	-59.3	-1293.5	-10262.8	-5094.1	2125.2	131.1
	55	-92.6	-1039.7	-10136.0	-4903.8	1972.1	111.0
	56	-116.3	-1212.2	-10266.2	-5032.0	1998.5	109.3
	57	54.1	-1489.5	-10405.5	-5239.6	2960.2	268.2
	58	-21.1	-1489.8	-10410.3	-5239.9	2538.7	191.3
	59	41.2	-1417.3	-10406.7	-5184.5	3051.6	301.7
	60	-34.0	-1417.6	-10411.5	-5184.7	2630.1	224.8
	Min	-116.3	-1489.8	-10411.5	-5239.9	1972.1	109.3
	Max	215.2	-842.3	-9971.3	-4757.2	3530.2	389.3
1607	45	548.6	1262.4	-15741.0	3408.9	-12.4	398.6
	46	547.2	1086.5	-15909.2	3274.3	24.6	397.2
	47	453.1	1270.6	-15716.5	3414.7	-50.3	377.0
	48	451.8	1094.6	-15884.7	3280.1	-13.3	375.5
	49	377.7	1423.7	-15582.7	3509.4	-322.0	284.1
	50	197.7	1404.1	-15614.4	3470.6	-523.9	207.7
	51	207.1	1474.1	-15556.4	3537.9	-298.1	316.9
	52	27.1	1454.5	-15588.1	3499.1	-500.1	240.5
	53	-51.6	1197.0	-15846.7	3279.6	-685.5	144.2
	54	-52.9	1021.0	-16014.8	3145.0	-648.5	142.7
	55	-147.0	1205.1	-15822.1	3285.4	-723.4	122.5
	56	-148.4	1029.2	-15990.3	3150.7	-686.4	121.0
	57	373.1	837.1	-16143.3	3060.6	-198.7	279.2
	58	193.1	817.5	-16175.0	3021.8	-400.7	202.8
	59	202.5	887.5	-16116.9	3089.1	-174.9	311.9
	60	22.5	867.9	-16148.6	3050.3	-376.8	235.6
	Min	-148.4	817.5	-16175.0	3021.8	-723.4	121.0
	Max	548.6	1474.1	-15556.4	3537.9	24.6	398.6
1320	45	1553.3	1839.4	-13125.4	6158.5	-5395.6	27.8
	46	1542.6	1582.7	-12816.3	5896.1	-5248.8	28.7
	47	1794.3	1496.4	-13012.5	5794.8	-5587.1	-12.1
	48	1783.6	1239.6	-12703.4	5532.4	-5440.3	-11.2
	49	1139.3	2107.1	-12979.8	6433.8	-5129.1	28.9
	50	850.1	2059.2	-12526.5	6388.4	-4735.2	23.3
	51	1558.4	1716.2	-12821.5	6025.9	-5277.1	-28.4
	52	1269.2	1668.4	-12368.2	5980.5	-4883.2	-34.1
	53	589.3	1679.9	-11614.2	6007.1	-4082.5	9.1
	54	578.5	1423.1	-11305.0	5744.7	-3935.7	10.0
	55	830.2	1336.8	-11501.3	5643.5	-4274.0	-30.8
	56	819.5	1080.0	-11192.1	5381.0	-4127.2	-29.9
	57	1103.6	1251.1	-11949.3	5559.0	-4639.6	32.0
	58	814.4	1203.3	-11496.0	5513.6	-4245.7	26.4
	59	1522.7	860.3	-11791.0	5151.1	-4787.6	-25.4

## RELAZIONE SULLE FONDAZIONI

	60	1233.5	812.4	-11337.7	5105.7	-4393.7	-31.0
	Min	578.5	812.4	-13125.4	5105.7	-5587.1	-34.1
	Max	1794.3	2107.1	-11192.1	6433.8	-3935.7	32.0
1315	45	-1445.9	1790.5	-14013.4	6752.3	5782.1	16.0
	46	-1439.3	1568.2	-13737.4	6537.2	5592.9	15.6
	47	-1183.5	1857.5	-13826.4	6765.7	5548.6	-25.2
	48	-1177.0	1635.2	-13550.5	6550.7	5359.4	-25.6
	49	-1899.0	2055.8	-14871.3	6963.4	6460.4	20.4
	50	-2196.4	2061.1	-15292.6	6946.5	6877.5	16.2
	51	-1439.6	2123.2	-14595.4	7017.0	6285.0	-38.4
	52	-1737.0	2128.5	-15016.6	7000.1	6702.1	-42.6
	53	-2437.2	1808.1	-15417.6	6696.0	7172.4	2.0
	54	-2430.6	1585.8	-15141.7	6480.9	6983.2	1.6
	55	-2174.8	1875.2	-15230.7	6709.4	6939.0	-39.2
	56	-2168.3	1652.9	-14954.7	6494.4	6749.8	-39.6
	57	-1877.2	1314.8	-13951.4	6246.6	5829.7	19.0
	58	-2174.5	1320.1	-14372.7	6229.7	6246.8	14.8
	59	-1417.8	1382.2	-13675.5	6300.2	5654.4	-39.8
	60	-1715.1	1387.5	-14096.8	6283.3	6071.5	-44.0
	Min	-2437.2	1314.8	-15417.6	6229.7	5359.4	-44.0
	Max	-1177.0	2128.5	-13550.5	7017.0	7172.4	20.4
1314	45	1617.8	1385.0	-13464.2	5511.6	-5543.8	26.4
	46	1600.8	1126.8	-13109.5	5203.3	-5386.6	29.0
	47	1863.8	1600.6	-13860.4	5775.4	-5753.5	-16.5
	48	1846.7	1342.4	-13505.7	5467.1	-5596.3	-13.8
	49	1224.7	1702.6	-13342.5	5883.9	-5351.4	27.9
	50	948.4	1730.7	-12954.3	5911.4	-5013.7	24.3
	51	1652.1	1951.1	-13904.0	6186.4	-5524.8	-32.4
	52	1375.7	1979.2	-13515.9	6213.9	-5187.0	-36.0
	53	696.8	1478.8	-12170.5	5603.2	-4418.0	14.5
	54	679.7	1220.6	-11815.8	5294.9	-4260.8	17.1
	55	942.7	1694.3	-12566.7	5866.9	-4627.8	-28.4
	56	925.6	1436.1	-12212.0	5558.7	-4470.5	-25.8
	57	1167.7	841.9	-12160.3	4856.3	-4827.3	36.6
	58	891.4	870.1	-11772.2	4883.8	-4489.6	33.0
	59	1595.1	1090.4	-12721.8	5158.8	-5000.6	-23.7
	60	1318.8	1118.6	-12333.7	5186.3	-4662.9	-27.3
	Min	679.7	841.9	-13904.0	4856.3	-5753.5	-36.0
	Max	1863.8	1979.2	-11772.2	6213.9	-4260.8	36.6
1313	45	-870.9	1682.8	-16295.3	6790.1	3706.8	20.4
	46	-875.7	1417.6	-16068.3	6499.4	3698.7	21.9
	47	-643.5	2018.9	-16254.1	7175.1	3443.9	-21.7
	48	-648.4	1753.6	-16027.1	6884.3	3435.8	-20.1
	49	-1257.8	2015.6	-17170.1	7152.0	4158.0	22.8
	50	-1522.0	2056.7	-17679.6	7192.8	4451.7	19.0
	51	-862.0	2401.0	-17097.9	7586.9	3697.1	-36.5
	52	-1126.2	2442.2	-17607.4	7627.7	3990.8	-40.3
	53	-1751.7	1820.1	-17993.6	6926.2	4686.0	7.8
	54	-1756.5	1554.9	-17766.7	6635.4	4677.9	9.4
	55	-1524.3	2156.1	-17952.5	7311.1	4423.1	-34.2
	56	-1529.1	1890.9	-17725.5	7020.3	4415.0	-32.6
	57	-1273.8	1131.5	-16413.4	6182.8	4131.0	28.0
	58	-1538.0	1172.7	-16922.9	6223.6	4424.8	24.2
	59	-878.0	1517.0	-16341.2	6617.7	3670.1	-31.3
	60	-1142.3	1558.2	-16850.7	6658.5	3963.9	-35.1
	Min	-1756.5	1131.5	-17993.6	6182.8	3435.8	-40.3

## RELAZIONE SULLE FONDAZIONI

	Max	-643.5	2442.2	-16027.1	7627.7	4686.0	28.0
1279	45	-794.8	1718.3	-21718.0	5995.6	3335.6	33.5
	46	-792.7	1478.7	-21485.8	5741.1	3318.8	33.8
	47	-565.0	1542.9	-21498.5	5869.9	3046.0	-10.2
	48	-562.9	1303.3	-21266.3	5615.4	3029.2	-9.8
	49	-1190.2	1937.1	-22234.4	6079.7	3810.5	36.7
	50	-1453.4	1861.3	-22392.2	5875.8	4105.9	31.8
	51	-788.7	1706.2	-21892.1	5903.7	3299.5	-25.7
	52	-1052.0	1630.4	-22049.9	5699.7	3594.9	-30.6
	53	-1672.3	1465.6	-22243.9	5315.7	4320.2	17.1
	54	-1670.2	1226.1	-22011.7	5061.2	4303.4	17.5
	55	-1442.5	1290.2	-22024.4	5190.0	4030.6	-26.5
	56	-1440.4	1050.7	-21792.2	4935.5	4013.8	-26.1
	57	-1183.2	1138.6	-21460.3	5231.4	3754.6	38.0
	58	-1446.4	1062.8	-21618.1	5027.4	4049.9	33.1
	59	-781.7	907.7	-21118.0	5055.4	3243.5	-24.4
	60	-1045.0	831.9	-21275.8	4851.4	3538.9	-29.3
	Min	-1672.3	831.9	-22392.2	4851.4	3029.2	-30.6
	Max	-562.9	1937.1	-21118.0	6079.7	4320.2	38.0
1262	45	1453.6	585.4	-24546.7	2165.0	-4943.9	25.0
	46	1444.1	382.4	-24282.1	2019.4	-4840.0	25.8
	47	1659.5	524.4	-24686.4	2051.2	-5082.3	-18.6
	48	1650.0	321.4	-24421.8	1905.6	-4978.5	-17.8
	49	1093.4	898.4	-24463.4	2542.6	-4779.7	28.1
	50	840.3	940.8	-24148.6	2697.1	-4524.6	23.8
	51	1451.5	783.8	-24652.7	2374.0	-4893.7	-33.8
	52	1198.4	826.1	-24337.9	2528.6	-4638.6	-38.2
	53	610.0	726.6	-23497.4	2680.1	-4093.6	10.4
	54	600.5	523.6	-23232.8	2534.5	-3989.7	11.2
	55	815.9	665.5	-23637.1	2566.3	-4232.0	-33.2
	56	806.3	462.6	-23372.5	2420.7	-4128.1	-32.4
	57	1061.6	221.9	-23581.3	2057.1	-4433.5	30.8
	58	808.5	264.2	-23266.5	2211.7	-4178.4	26.4
	59	1419.7	107.2	-23770.6	1888.6	-4547.5	-31.2
	60	1166.6	149.5	-23455.8	2043.1	-4292.4	-35.5
	Min	600.5	107.2	-24686.4	1888.6	-5082.3	-38.2
	Max	1659.5	940.8	-23232.8	2697.1	-3989.7	30.8
938	45	-185.9	-311.8	-39892.7	-841.5	1239.8	29.1
	46	-186.0	-609.9	-39953.3	-1308.6	1234.3	29.8
	47	-34.7	-342.9	-39951.4	-1022.6	990.6	-13.7
	48	-34.9	-641.1	-40012.0	-1489.7	985.2	-13.0
	49	-610.0	227.3	-39655.2	-0.5	1867.4	31.8
	50	-920.1	291.0	-39521.2	126.5	2314.6	27.0
	51	-333.8	-37.5	-39735.0	-477.2	1419.2	-29.4
	52	-643.9	26.3	-39601.0	-350.1	1866.4	-34.3
	53	-1219.5	-99.2	-39446.1	-418.0	2730.4	12.8
	54	-1219.6	-397.4	-39506.6	-885.1	2725.0	13.5
	55	-1068.3	-130.4	-39504.8	-599.0	2481.2	-30.0
	56	-1068.5	-428.6	-39565.4	-1066.1	2475.8	-29.3
	57	-610.5	-766.6	-39857.1	-1557.6	1849.2	34.1
	58	-920.6	-702.8	-39723.1	-1430.5	2296.4	29.2
	59	-334.3	-1031.3	-39936.9	-2034.2	1401.0	-27.2
	60	-644.4	-967.6	-39802.9	-1907.1	1848.2	-32.1
	Min	-1219.6	-1031.3	-40012.0	-2034.2	985.2	-34.3
	Max	-34.7	291.0	-39446.1	126.5	2730.4	34.1
935	45	571.5	64.7	-40496.1	158.7	-1511.4	32.1

## RELAZIONE SULLE FONDAZIONI

	46	570.0	-222.9	-40601.5	-292.1	-1512.4	33.0
	47	713.6	-23.9	-40487.4	19.1	-1727.3	-10.4
	48	712.1	-311.5	-40592.8	-431.8	-1728.3	-9.5
	49	173.2	393.5	-40491.4	662.0	-977.4	34.4
	50	-119.5	371.7	-40593.0	617.8	-593.8	29.6
	51	432.7	267.4	-40483.2	464.6	-1364.0	-26.2
	52	140.0	245.6	-40584.8	420.5	-980.4	-31.0
	53	-404.0	-8.0	-40834.8	11.5	-232.7	15.9
	54	-405.5	-295.5	-40940.2	-439.4	-233.7	16.9
	55	-261.9	-96.6	-40826.1	-128.2	-448.6	-26.5
	56	-263.4	-384.1	-40931.5	-579.0	-449.6	-25.6
	57	168.1	-565.0	-40842.7	-840.8	-980.7	37.5
	58	-124.5	-586.8	-40944.4	-885.0	-597.1	32.7
	59	427.6	-691.1	-40834.6	-1038.1	-1367.3	-23.1
	60	134.9	-712.9	-40936.2	-1082.3	-983.7	-27.9
	Min	-405.5	-712.9	-40944.4	-1082.3	-1728.3	-31.0
	Max	713.6	393.5	-40483.2	662.0	-232.7	37.5
932	45	606.1	593.4	-36939.2	2631.1	-1596.5	25.5
	46	600.2	296.5	-36810.3	2183.4	-1585.1	27.4
	47	740.5	844.9	-37036.1	3023.9	-1786.2	-13.9
	48	734.6	548.0	-36907.1	2576.2	-1774.8	-12.0
	49	224.2	955.8	-36938.6	3168.6	-1111.9	25.6
	50	-61.1	985.3	-36826.2	3204.4	-750.2	20.3
	51	470.4	1244.3	-37075.1	3614.7	-1453.4	-30.7
	52	185.1	1273.8	-36962.7	3650.5	-1091.7	-35.9
	53	-344.9	691.8	-36564.4	2750.6	-390.8	7.9
	54	-350.8	394.9	-36435.5	2302.9	-379.4	9.8
	55	-210.5	943.4	-36661.3	3143.3	-580.5	-31.4
	56	-216.4	646.5	-36532.4	2695.6	-569.1	-29.5
	57	204.5	-34.0	-36508.9	1676.2	-1074.0	31.9
	58	-80.8	-4.4	-36396.5	1712.1	-712.3	26.6
	59	450.8	254.5	-36645.4	2122.3	-1415.5	-24.3
	60	165.5	284.1	-36532.9	2158.2	-1053.8	-29.6
	Min	-350.8	-34.0	-37075.1	1676.2	-1786.2	-35.9
	Max	740.5	1273.8	-36396.5	3650.5	-379.4	31.9
928	45	2717.3	-398.3	-20773.6	-2046.7	-9409.3	35.5
	46	2717.6	-700.7	-20655.2	-2472.7	-9504.1	35.9
	47	2850.8	-799.7	-20725.9	-2618.6	-9507.0	-7.0
	48	2851.0	-1102.2	-20607.5	-3044.6	-9601.8	-6.5
	49	2318.3	-81.1	-20540.4	-1594.3	-8870.5	38.1
	50	2025.2	-136.3	-20216.8	-1666.0	-8482.8	32.9
	51	2565.4	-539.8	-20480.7	-2244.6	-8920.0	-22.8
	52	2272.2	-595.0	-20157.1	-2316.3	-8532.3	-28.0
	53	1740.2	-582.1	-19695.2	-2285.9	-8116.9	18.1
	54	1740.5	-884.5	-19576.7	-2711.8	-8211.7	18.6
	55	1873.7	-983.5	-19647.5	-2857.8	-8214.6	-24.3
	56	1873.9	-1285.9	-19529.0	-3283.8	-8309.4	-23.8
	57	2319.0	-1089.3	-20145.5	-3014.1	-9186.4	39.6
	58	2025.9	-1144.4	-19822.0	-3085.9	-8798.7	34.4
	59	2566.1	-1548.0	-20085.8	-3664.4	-9235.9	-21.2
	60	2272.9	-1603.1	-19762.3	-3736.2	-8848.2	-26.4
	Min	1740.2	-1603.1	-20773.6	-3736.2	-9601.8	-28.0
	Max	2851.0	-81.1	-19529.0	-1594.3	-8116.9	39.6
924	45	-970.4	-574.7	-34560.4	-1694.5	4291.3	31.9
	46	-1045.7	-888.7	-34722.0	-2238.6	4413.9	33.6
	47	-885.9	-456.5	-34489.9	-1650.2	4138.7	-10.8

## RELAZIONE SULLE FONDAZIONI

	48	-961.2	-770.5	-34651.6	-2194.3	4261.3	-9.1
	49	-1237.1	-201.9	-34652.6	-1178.6	4688.6	33.1
	50	-1552.2	-193.9	-34883.2	-1228.0	5157.1	28.0
	51	-1178.8	-78.1	-34558.4	-1011.9	4548.5	-27.8
	52	-1493.9	-70.1	-34789.0	-1061.4	5017.1	-32.9
	53	-2020.8	-548.1	-35328.9	-1859.3	5853.1	14.9
	54	-2096.1	-862.1	-35490.5	-2403.4	5975.8	16.6
	55	-1936.3	-429.9	-35258.4	-1815.0	5700.5	-27.7
	56	-2011.6	-743.9	-35420.1	-2359.1	5823.1	-26.1
	57	-1488.1	-1248.5	-35191.5	-2992.2	5097.4	38.7
	58	-1803.2	-1240.5	-35422.0	-3041.7	5565.9	33.6
	59	-1429.8	-1124.7	-35097.3	-2825.6	4957.3	-22.2
	60	-1744.9	-1116.7	-35327.8	-2875.0	5425.9	-27.3
	Min	-2096.1	-1248.5	-35490.5	-3041.7	4138.7	-32.9
	Max	-885.9	-70.1	-34489.9	-1011.9	5975.8	38.7
891	45	-921.5	-904.2	-27791.9	-2652.6	4009.0	29.5
	46	-922.1	-1211.8	-27612.8	-3095.3	3951.5	31.2
	47	-816.1	-509.3	-27889.6	-2059.4	3951.8	-12.4
	48	-816.8	-816.9	-27710.6	-2502.0	3894.3	-10.7
	49	-1267.1	-526.3	-28401.9	-2129.4	4364.5	31.6
	50	-1523.7	-485.7	-28754.9	-2092.3	4619.3	27.7
	51	-1067.6	-74.6	-28520.9	-1463.4	4325.2	-27.5
	52	-1324.2	-34.0	-28873.9	-1426.4	4580.1	-31.4
	53	-1776.7	-768.9	-28968.5	-2529.1	4858.6	16.6
	54	-1777.3	-1076.5	-28789.4	-2971.7	4801.1	18.3
	55	-1671.3	-374.0	-29066.2	-1935.8	4801.4	-25.3
	56	-1671.9	-681.6	-28887.1	-2378.5	4743.9	-23.5
	57	-1269.2	-1551.8	-27805.1	-3604.7	4172.8	37.3
	58	-1525.8	-1511.2	-28158.1	-3567.7	4427.7	33.4
	59	-1069.8	-1100.1	-27924.1	-2938.8	4133.6	-21.8
	60	-1326.3	-1059.5	-28277.1	-2901.7	4388.5	-25.7
	Min	-1777.3	-1551.8	-29066.2	-3604.7	3894.3	-31.4
	Max	-816.1	-34.0	-27612.8	-1426.4	4858.6	37.3
589	45	55.8	184.0	-31262.2	384.8	632.4	32.8
	46	58.2	-156.8	-31119.1	-238.6	628.7	33.4
	47	8.7	-111.6	-31241.7	-139.2	702.9	-9.8
	48	11.1	-452.5	-31098.6	-762.6	699.2	-9.1
	49	-270.6	565.3	-31496.7	1084.0	1125.2	35.2
	50	-598.9	523.1	-31520.1	1009.0	1621.0	30.1
	51	-436.4	204.0	-31395.6	441.1	1375.5	-25.7
	52	-764.7	161.9	-31419.0	366.0	1871.3	-30.8
	53	-1038.4	43.5	-31340.2	134.6	2284.9	15.8
	54	-1036.0	-297.3	-31197.1	-488.8	2281.2	16.4
	55	-1085.5	-252.1	-31319.7	-389.4	2355.5	-26.8
	56	-1083.1	-593.0	-31176.6	-1012.8	2351.8	-26.1
	57	-262.6	-570.8	-31019.7	-994.1	1112.9	37.4
	58	-590.8	-613.0	-31043.1	-1069.1	1608.7	32.3
	59	-428.4	-932.1	-30918.7	-1637.0	1363.1	-23.5
	60	-756.7	-974.2	-30942.1	-1712.1	1858.9	-28.6
	Min	-1085.5	-974.2	-31520.1	-1712.1	628.7	-30.8
	Max	58.2	565.3	-30918.7	1084.0	2355.5	37.4
588	45	975.2	121.8	-33788.8	221.5	-2722.0	31.2
	46	977.5	-216.2	-33652.8	-415.4	-2725.4	32.1
	47	929.9	5.7	-33776.5	196.4	-2658.0	-11.4
	48	932.3	-332.4	-33640.6	-440.5	-2661.5	-10.5
	49	651.3	518.9	-33972.9	1111.3	-2238.0	33.2

## RELAZIONE SULLE FONDAZIONI

	50	324.9	507.6	-33987.8	1156.6	-1748.5	28.0
	51	486.8	370.9	-33944.6	898.2	-1991.7	-27.7
	52	160.4	359.6	-33959.5	943.5	-1502.2	-32.9
	53	-112.8	84.0	-33838.5	372.5	-1090.2	13.9
	54	-110.5	-254.0	-33702.5	-264.4	-1093.6	14.8
	55	-158.0	-32.1	-33826.3	347.4	-1026.2	-28.7
	56	-155.7	-370.1	-33690.3	-289.5	-1029.6	-27.8
	57	659.0	-607.9	-33519.6	-1011.5	-2249.4	36.3
	58	332.6	-619.2	-33534.5	-966.2	-1759.9	31.1
	59	494.5	-755.9	-33491.3	-1224.6	-2003.2	-24.6
	60	168.1	-767.2	-33506.2	-1179.3	-1513.6	-29.8
	Min	-158.0	-767.2	-33987.8	-1224.6	-2725.4	-32.9
	Max	977.5	518.9	-33491.3	1156.6	-1026.2	36.3
587	45	654.1	227.0	-28083.0	1290.0	-1532.5	30.0
	46	657.2	-85.1	-28037.6	783.0	-1445.9	32.0
	47	610.4	486.9	-28101.8	1647.9	-1565.5	-12.6
	48	613.5	174.8	-28056.4	1140.9	-1478.9	-10.7
	49	317.2	616.3	-28103.4	1932.4	-997.3	31.0
	50	-23.2	655.2	-28089.4	2024.3	-452.3	26.0
	51	145.6	916.4	-28155.0	2403.1	-1031.4	-29.8
	52	-194.8	955.2	-28141.1	2495.0	-486.5	-34.8
	53	-480.7	356.4	-28036.6	1596.4	284.0	13.3
	54	-477.6	44.3	-27991.1	1089.4	370.6	15.3
	55	-524.4	616.3	-28055.4	1954.3	250.9	-29.3
	56	-521.3	304.2	-28009.9	1447.3	337.6	-27.4
	57	327.6	-424.0	-27951.9	242.3	-708.5	37.4
	58	-12.8	-385.2	-27937.9	334.2	-163.6	32.4
	59	156.0	-124.0	-28003.5	713.1	-742.6	-23.4
	60	-184.4	-85.1	-27989.6	805.0	-197.7	-28.4
	Min	-524.4	-424.0	-28155.0	242.3	-1565.5	-34.8
	Max	657.2	955.2	-27937.9	2495.0	370.6	37.4
586	45	-649.1	-163.5	-21852.5	65.0	3145.3	30.2
	46	-602.9	-471.9	-21909.3	-382.4	3075.2	31.9
	47	-656.3	223.4	-21806.9	633.6	3177.6	-11.9
	48	-610.1	-85.0	-21863.6	186.1	3107.6	-10.2
	49	-1044.4	228.6	-21921.6	639.9	3662.8	31.7
	50	-1337.7	281.9	-22030.4	722.5	4036.9	27.2
	51	-1053.4	675.2	-21859.2	1295.5	3696.3	-28.1
	52	-1346.7	728.4	-21968.0	1378.2	4070.3	-32.6
	53	-1626.9	14.0	-22215.3	340.4	4392.0	15.1
	54	-1580.6	-294.4	-22272.0	-107.0	4322.0	16.8
	55	-1634.1	400.9	-22169.6	909.0	4424.4	-27.0
	56	-1587.8	92.4	-22226.4	461.6	4354.3	-25.3
	57	-890.2	-799.5	-22110.9	-851.6	3429.3	37.5
	58	-1183.5	-746.2	-22219.7	-769.0	3803.3	32.9
	59	-899.2	-352.9	-22048.5	-196.0	3462.8	-22.3
	60	-1192.5	-299.7	-22157.3	-113.3	3836.8	-26.8
	Min	-1634.1	-799.5	-22272.0	-851.6	3075.2	-32.6
	Max	-602.9	728.4	-21806.9	1378.2	4424.4	37.5
585	45	2982.9	346.5	-15613.1	677.3	-10117.7	36.9
	46	2985.3	43.9	-15580.2	244.9	-10063.0	38.1
	47	2940.2	-51.3	-15593.1	112.1	-10115.9	-4.6
	48	2942.6	-353.9	-15560.2	-320.4	-10061.2	-3.4
	49	2703.0	662.9	-15544.9	1133.2	-9800.4	38.9
	50	2422.2	606.5	-15451.5	1055.8	-9476.9	34.1
	51	2559.3	207.0	-15520.5	484.9	-9806.2	-20.4

## RELAZIONE SULLE FONDAZIONI

	52	2278.5	150.6	-15427.2	407.6	-9482.8	-25.2
	53	2047.0	158.6	-15302.0	419.6	-9039.5	21.0
	54	2049.4	-144.0	-15269.1	-12.9	-8984.8	22.2
	55	2004.2	-239.2	-15282.1	-145.6	-9037.8	-20.5
	56	2006.6	-541.8	-15249.1	-578.1	-8983.1	-19.3
	57	2711.0	-345.9	-15435.0	-308.4	-9618.0	42.8
	58	2430.2	-402.3	-15341.7	-385.7	-9294.5	38.0
	59	2567.3	-801.9	-15410.7	-956.6	-9623.8	-16.5
	60	2286.5	-858.2	-15317.4	-1034.0	-9300.4	-21.3
	Min	2004.2	-858.2	-15613.1	-1034.0	-10117.7	-25.2
	Max	2985.3	662.9	-15249.1	1133.2	-8983.1	42.8
584	45	-423.8	-61.3	-29935.3	31.2	2491.9	30.1
	46	-421.7	-359.1	-29889.3	-453.6	2412.2	31.7
	47	-473.5	23.5	-29947.7	180.9	2496.7	-12.5
	48	-471.4	-274.3	-29901.7	-303.9	2417.1	-10.9
	49	-753.7	303.6	-29962.3	634.8	3178.3	31.6
	50	-1085.5	328.5	-29940.8	679.6	3689.7	26.7
	51	-922.8	411.7	-29977.9	813.0	3189.2	-29.1
	52	-1254.6	436.7	-29956.5	857.8	3700.5	-33.9
	53	-1529.9	21.9	-29863.9	180.4	4196.3	13.8
	54	-1527.7	-275.9	-29818.0	-304.4	4116.7	15.4
	55	-1579.5	106.7	-29876.3	330.1	4201.2	-28.8
	56	-1577.4	-191.1	-29830.3	-154.7	4121.6	-27.2
	57	-746.7	-689.1	-29809.1	-981.3	2913.0	36.8
	58	-1078.5	-664.2	-29787.7	-936.5	3424.3	32.0
	59	-915.7	-581.0	-29824.8	-803.1	2923.8	-23.8
	60	-1247.5	-556.0	-29803.4	-758.4	3435.1	-28.7
	Min	-1579.5	-689.1	-29977.9	-981.3	2412.2	-33.9
	Max	-421.7	436.7	-29787.7	857.8	4201.2	36.8
247	45	-168.8	-744.3	-18711.2	-2057.3	1641.7	28.9
	46	-165.4	-1053.0	-19040.4	-2506.7	1644.2	30.6
	47	-301.7	-364.7	-18492.6	-1514.2	1827.1	-12.7
	48	-298.3	-673.4	-18821.7	-1963.6	1829.6	-11.1
	49	-493.8	-354.4	-18591.6	-1489.9	2099.0	30.6
	50	-819.5	-303.3	-18775.8	-1415.3	2567.2	26.1
	51	-744.9	84.9	-18274.0	-859.2	2456.4	-28.6
	52	-1070.7	136.1	-18458.2	-784.7	2924.6	-33.1
	53	-1254.8	-573.9	-19325.2	-1808.9	3202.4	14.0
	54	-1251.4	-882.6	-19654.3	-2258.3	3204.8	15.6
	55	-1387.6	-194.3	-19106.5	-1265.8	3387.7	-27.6
	56	-1384.2	-502.9	-19435.6	-1715.2	3390.2	-26.0
	57	-482.3	-1383.4	-19688.6	-2987.8	2107.3	36.0
	58	-808.1	-1332.2	-19872.8	-2913.3	2575.5	31.5
	59	-733.5	-944.0	-19371.1	-2357.2	2464.7	-23.2
	60	-1059.3	-892.9	-19555.2	-2282.6	2932.9	-27.6
	Min	-1387.6	-1383.4	-19872.8	-2987.8	1641.7	-33.1
	Max	-165.4	136.1	-18274.0	-784.7	3390.2	36.0
246	45	2144.2	-132.7	-19594.4	-1558.0	-6764.1	35.6
	46	2149.2	-424.4	-20027.4	-1944.3	-6802.7	35.7
	47	2041.7	-535.0	-19824.9	-1620.3	-6725.8	-7.4
	48	2046.7	-826.7	-20257.9	-2006.7	-6764.4	-7.3
	49	1893.2	182.1	-18802.6	-750.4	-6509.3	38.2
	50	1644.1	139.0	-18660.3	-619.0	-6330.7	32.4
	51	1699.9	-269.6	-19274.5	-1219.9	-6473.7	-23.9
	52	1450.8	-312.6	-19132.3	-1088.6	-6295.0	-29.7
	53	1313.9	-276.2	-19120.3	-1120.1	-6168.6	16.3

## RELAZIONE SULLE FONDAZIONI

	54	1318.8	-567.9	-19553.3	-1506.5	-6207.2	16.4
	55	1211.4	-678.5	-19350.8	-1182.5	-6130.3	-26.7
	56	1216.3	-970.2	-19783.8	-1568.8	-6168.9	-26.6
	57	1909.7	-790.2	-20245.9	-2038.2	-6638.0	38.7
	58	1660.6	-833.3	-20103.7	-1906.9	-6459.3	32.9
	59	1716.4	-1241.9	-20717.9	-2507.8	-6602.3	-23.4
	60	1467.3	-1284.9	-20575.6	-2376.4	-6423.7	-29.2
	Min	1211.4	-1284.9	-20717.9	-2507.8	-6802.7	-29.7
	Max	2149.2	182.1	-18660.3	-619.0	-6130.3	38.7
244	45	650.1	-544.1	-29681.6	-2243.2	-1342.3	32.9
	46	656.4	-802.2	-30005.9	-2564.7	-1356.0	33.5
	47	509.0	-789.7	-29915.6	-2588.5	-1133.7	-9.8
	48	515.3	-1047.8	-30239.9	-2910.0	-1147.4	-9.3
	49	314.0	-250.4	-29349.8	-1866.1	-845.4	35.4
	50	-20.4	-277.6	-29419.8	-1886.6	-355.3	30.2
	51	50.0	-544.2	-29653.9	-2263.4	-455.1	-25.9
	52	-284.4	-571.3	-29723.9	-2284.0	35.0	-31.1
	53	-464.6	-634.5	-29914.8	-2311.7	291.3	15.5
	54	-458.2	-892.6	-30239.1	-2633.1	277.6	16.0
	55	-605.7	-880.0	-30148.9	-2657.0	500.0	-27.3
	56	-599.3	-1138.2	-30473.2	-2978.5	486.3	-26.7
	57	335.1	-1111.0	-30430.9	-2937.7	-891.1	37.3
	58	0.7	-1138.1	-30500.8	-2958.3	-401.0	32.1
	59	71.2	-1404.7	-30735.0	-3335.0	-500.8	-24.0
	60	-263.2	-1431.8	-30805.0	-3355.6	-10.7	-29.2
	Min	-605.7	-1431.8	-30805.0	-3355.6	-1356.0	-31.1
	Max	656.4	-250.4	-29349.8	-1866.1	500.0	37.3
242	45	848.8	-855.0	-30835.8	-3124.0	-2077.6	28.7
	46	855.8	-1101.3	-31159.0	-3425.1	-2092.2	29.6
	47	708.7	-949.0	-30907.9	-3258.7	-1870.8	-13.8
	48	715.7	-1195.2	-31231.1	-3559.8	-1885.5	-12.9
	49	518.1	-568.2	-30475.4	-2771.5	-1600.4	30.9
	50	189.6	-579.4	-30506.2	-2783.7	-1130.2	25.7
	51	256.7	-687.4	-30586.1	-2936.9	-1216.5	-30.0
	52	-71.8	-698.7	-30616.9	-2949.0	-746.3	-35.1
	53	-246.1	-892.4	-30938.5	-3164.5	-510.1	11.6
	54	-239.2	-1138.6	-31261.8	-3465.6	-524.8	12.5
	55	-386.3	-986.3	-31010.6	-3299.2	-303.4	-30.9
	56	-379.3	-1232.6	-31333.8	-3600.3	-318.0	-30.0
	57	541.4	-1389.0	-31552.7	-3775.3	-1649.3	33.8
	58	212.9	-1400.2	-31583.6	-3787.4	-1179.1	28.7
	59	279.9	-1508.2	-31663.4	-3940.6	-1265.4	-27.0
	60	-48.6	-1519.4	-31694.3	-3952.8	-795.2	-32.1
	Min	-386.3	-1519.4	-31694.3	-3952.8	-2092.2	-35.1
	Max	855.8	-568.2	-30475.4	-2771.5	-303.4	33.8
240	45	18.5	-1251.2	-21407.4	-4471.8	943.9	24.9
	46	20.4	-1516.8	-21365.6	-4843.2	1049.3	25.9
	47	-116.9	-1224.7	-21567.8	-4414.7	1037.3	-16.8
	48	-115.1	-1490.3	-21526.1	-4786.1	1142.8	-15.8
	49	-312.6	-981.0	-21509.5	-4122.6	1423.4	26.8
	50	-646.7	-1002.2	-21508.0	-4188.8	1919.4	22.1
	51	-569.5	-924.6	-21559.4	-4051.8	1469.0	-32.2
	52	-903.6	-945.8	-21557.8	-4118.0	1965.0	-36.9
	53	-1095.1	-1321.9	-21402.1	-4692.5	2597.2	9.2
	54	-1093.2	-1587.6	-21360.4	-5063.9	2702.7	10.2
	55	-1230.5	-1295.4	-21562.6	-4635.4	2690.7	-32.5

## RELAZIONE SULLE FONDAZIONI

	56	-1228.7	-1561.1	-21520.8	-5006.8	2796.1	-31.4
	57	-306.5	-1866.4	-21370.4	-5360.6	1775.0	30.3
	58	-640.6	-1887.6	-21368.8	-5426.8	2271.0	25.6
	59	-563.4	-1810.1	-21420.2	-5289.8	1820.6	-28.7
	60	-897.5	-1831.3	-21418.7	-5356.0	2316.6	-33.4
	Min	-1230.5	-1887.6	-21567.8	-5426.8	943.9	-36.9
	Max	20.4	-924.6	-21360.4	-4051.8	2796.1	30.3
236	45	716.5	-1301.6	-29110.6	-4308.1	-1734.8	29.3
	46	796.1	-1586.6	-29585.0	-4715.3	-1877.9	31.4
	47	623.0	-1058.4	-28749.2	-3943.2	-1556.3	-13.0
	48	702.6	-1343.4	-29223.5	-4350.4	-1699.4	-10.9
	49	232.6	-951.6	-28273.2	-3809.7	-1014.7	30.0
	50	-97.0	-922.6	-27990.8	-3773.6	-534.5	25.0
	51	152.3	-675.7	-27820.7	-3407.0	-822.2	-30.3
	52	-177.3	-646.8	-27538.2	-3370.9	-342.0	-35.3
	53	-382.0	-1205.0	-28169.1	-4187.8	-134.2	12.6
	54	-302.3	-1490.0	-28643.5	-4595.1	-277.2	14.7
	55	-475.5	-961.8	-27807.7	-3822.9	44.3	-29.7
	56	-395.9	-1246.9	-28282.0	-4230.2	-98.8	-27.6
	57	497.9	-1901.7	-29854.5	-5167.3	-1491.6	37.0
	58	168.4	-1872.7	-29572.0	-5131.2	-1011.4	32.1
	59	417.6	-1625.9	-29401.9	-4764.6	-1299.1	-23.3
	60	88.1	-1596.9	-29119.5	-4728.5	-818.9	-28.3
	Min	-475.5	-1901.7	-29854.5	-5167.3	-1877.9	-35.3
	Max	796.1	-646.8	-27538.2	-3370.9	44.3	37.0

3.2.6.1. Rz Min/Max

Pali di fondazione	Comb	Rz [kg]
935	58	-40944.4
1647	49	-9971.3

Com.	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
45	11898.6	3438.7	-639350.4	12279.0	-19980.5	1491.8
46	11918.5	-3716.8	-639381.9	2392.2	-19865.6	1516.3
47	12928.3	3640.2	-639480.8	12928.0	-21381.4	435.8
48	12948.2	-3515.3	-639512.4	3041.2	-21266.4	460.2
49	2977.0	11965.1	-639299.4	24405.7	-9837.1	1310.8
50	-4477.0	11988.1	-639260.6	24613.1	-841.4	1042.1
51	4410.6	11863.5	-639367.2	24354.5	-10803.3	-67.1
52	-3043.4	11886.5	-639328.4	24561.8	-1807.6	-335.8
53	-12948.2	3515.3	-639220.9	12970.2	10005.0	596.1
54	-12928.3	-3640.1	-639252.4	3083.4	10120.0	620.6
55	-11918.5	3716.8	-639351.3	13619.3	8604.1	-459.9
56	-11898.6	-3438.7	-639382.9	3732.4	8719.1	-435.4
57	3043.4	-11886.5	-639404.9	-8550.4	-9453.8	1392.2
58	-4410.6	-11863.5	-639366.0	-8343.0	-458.2	1123.5
59	4477.0	-11988.1	-639472.6	-8601.6	-10420.0	14.3
60	-2977.0	-11965.1	-639433.8	-8394.3	-1424.4	-254.4

Baricentro geometrico di 26 pali 17.07 5.09 [m]

3.2.6.2. Punto di passaggio reazione Rz:

Comb.	Rz [kg]	x [m]	y [m]
45	-639350.4	17.18	5.16
46	-639381.9	17.18	5.12
47	-639480.8	17.19	5.16
48	-639512.4	17.19	5.12
49	-639299.4	17.14	5.20
50	-639260.6	17.10	5.20
51	-639367.2	17.15	5.20
52	-639328.4	17.11	5.20
53	-639220.9	17.06	5.16
54	-639252.4	17.06	5.12
55	-639351.3	17.07	5.16
56	-639382.9	17.07	5.12
57	-639404.9	17.14	5.08
58	-639366.0	17.10	5.08
59	-639472.6	17.15	5.08
60	-639433.8	17.11	5.08

## 3.2.7. Stato Limite di Operatività

Palo Nodo	Comb	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
1647	61	302.3	-1115.1	-10074.5	-4961.5	3959.8	461.8
	62	269.4	-1324.3	-10280.5	-5117.7	4002.3	459.8
	63	215.1	-1008.0	-10079.0	-4878.8	3755.0	423.5
	64	182.2	-1217.2	-10285.1	-5035.0	3797.4	421.5
	65	167.5	-863.4	-9842.9	-4773.3	2948.0	288.3
	66	51.8	-863.3	-9849.8	-4773.5	2271.5	172.9
	67	156.8	-771.6	-9846.1	-4702.9	3089.2	332.5
	68	41.1	-771.5	-9853.1	-4703.0	2412.7	217.1
	69	-83.3	-1114.9	-10097.7	-4962.0	1704.8	77.1
	70	-116.2	-1324.1	-10303.8	-5118.3	1747.3	75.1
	71	-170.5	-1007.8	-10102.3	-4879.4	1500.0	38.8
	72	-203.4	-1217.0	-10308.3	-5035.6	1542.4	36.8
	73	57.8	-1560.6	-10529.7	-5294.0	3089.5	281.5
	74	-57.8	-1560.5	-10536.6	-5294.2	2413.0	166.0
	75	47.1	-1468.8	-10532.9	-5223.6	3230.8	325.7
	76	-68.6	-1468.7	-10539.9	-5223.8	2554.3	210.3
	Min	-203.4	-1560.6	-10539.9	-5294.2	1500.0	36.8
	Max	302.3	-771.5	-9842.9	-4702.9	4002.3	461.8
1607	61	636.7	1294.1	-15703.5	3464.5	172.3	470.4
	62	634.7	1077.9	-15928.8	3291.8	218.2	468.6
	63	518.6	1304.0	-15672.5	3465.7	113.8	432.4
	64	516.6	1087.8	-15897.8	3293.0	159.6	430.6
	65	420.0	1488.3	-15486.7	3580.2	-286.8	298.3
	66	194.1	1461.2	-15525.7	3520.9	-596.0	183.9
	67	212.6	1551.1	-15454.4	3614.6	-255.8	341.8
	68	-13.3	1524.0	-15493.5	3555.2	-565.0	227.4
	69	-116.4	1203.8	-15833.5	3266.7	-858.4	89.1
	70	-118.4	987.6	-16058.9	3093.9	-812.6	87.3
	71	-234.5	1213.7	-15802.5	3267.9	-917.0	51.0
	72	-236.5	997.5	-16027.8	3095.2	-871.1	49.2
	73	413.5	767.6	-16237.9	3004.4	-133.8	292.3
	74	187.6	740.5	-16276.9	2945.1	-443.0	177.9
	75	206.1	830.4	-16205.6	3038.8	-102.8	335.8
	76	-19.8	803.3	-16244.6	2979.5	-412.0	221.4
	Min	-236.5	740.5	-16276.9	2945.1	-917.0	49.2
	Max	636.7	1551.1	-15454.4	3614.6	218.2	470.4
1320	61	1636.8	1917.1	-13346.3	6238.1	-5535.3	33.7
	62	1623.8	1610.6	-12973.4	5925.0	-5360.2	34.8
	63	1927.7	1496.5	-13199.1	5790.6	-5768.6	-14.7
	64	1914.8	1190.0	-12826.2	5477.5	-5593.5	-13.6
	65	1134.6	2241.8	-13159.4	6571.9	-5203.8	34.8
	66	781.0	2185.5	-12602.9	6519.1	-4722.0	28.2
	67	1635.0	1755.7	-12957.4	6064.1	-5384.5	-33.9
	68	1281.4	1699.4	-12401.0	6011.3	-4902.7	-40.6
	69	458.1	1729.5	-11491.3	6062.0	-3929.2	11.5
	70	445.2	1423.0	-11118.4	5748.9	-3754.1	12.6
	71	749.0	1308.9	-11344.1	5614.6	-4162.6	-36.9
	72	736.1	1002.4	-10971.3	5301.4	-3987.5	-35.8
	73	1091.5	1220.1	-11916.6	5528.2	-4620.1	38.5
	74	737.9	1163.8	-11360.1	5475.4	-4138.3	31.8
	75	1591.9	734.0	-11714.6	5020.4	-4800.8	-30.3

## RELAZIONE SULLE FONDAZIONI

	76	1238.3	677.7	-11158.1	4967.6	-4319.0	-36.9
	Min	445.2	677.7	-13346.3	4967.6	-5768.6	-40.6
	Max	1927.7	2241.8	-10971.3	6571.9	-3754.1	38.5
1315	61	-1364.0	1804.3	-13902.3	6778.5	5672.6	21.5
	62	-1355.5	1535.4	-13570.2	6518.3	5447.8	20.9
	63	-1047.1	1887.1	-13678.2	6796.8	5385.3	-28.2
	64	-1038.6	1618.2	-13346.1	6536.6	5160.4	-28.8
	65	-1913.5	2124.2	-14946.1	7033.2	6495.0	26.7
	66	-2276.9	2130.5	-15462.0	7012.7	7004.6	21.8
	67	-1365.4	2209.1	-14613.0	7101.3	6276.7	-43.6
	68	-1728.9	2215.4	-15128.9	7080.8	6786.3	-48.5
	69	-2575.5	1825.1	-15622.0	6710.0	7371.4	5.1
	70	-2567.1	1556.2	-15289.9	6449.8	7146.6	4.5
	71	-2258.6	1907.9	-15397.9	6728.3	7084.1	-44.6
	72	-2250.1	1639.1	-15065.8	6468.1	6859.2	-45.2
	73	-1885.3	1228.0	-13839.2	6165.9	5745.6	24.8
	74	-2248.7	1234.2	-14355.1	6145.3	6255.2	19.9
	75	-1337.2	1312.9	-13506.1	6234.0	5527.2	-45.5
	76	-1700.7	1319.1	-14022.0	6213.5	6036.9	-50.4
	Min	-2575.5	1228.0	-15622.0	6145.3	5160.4	-50.4
	Max	-1038.6	2215.4	-13346.1	7101.3	7371.4	26.7
1314	61	1696.2	1378.4	-13593.1	5505.8	-5659.2	31.5
	62	1675.4	1066.5	-13167.5	5133.5	-5472.0	34.7
	63	1993.7	1643.5	-14084.7	5828.8	-5917.3	-20.2
	64	1972.8	1331.7	-13659.2	5456.6	-5730.0	-17.0
	65	1220.1	1759.4	-13436.7	5951.9	-5419.1	33.1
	66	882.4	1792.7	-12963.9	5984.2	-5006.6	29.0
	67	1730.5	2067.9	-14130.8	6326.8	-5632.0	-39.0
	68	1392.8	2101.2	-13658.0	6359.2	-5219.5	-43.2
	69	570.6	1489.5	-12017.0	5613.7	-4284.4	17.6
	70	549.8	1177.7	-11591.4	5241.4	-4097.1	20.8
	71	868.1	1754.6	-12508.7	5936.7	-4542.4	-34.1
	72	847.2	1442.8	-12083.1	5564.5	-4355.1	-30.9
	73	1150.7	720.0	-12018.2	4711.1	-4794.8	43.8
	74	813.0	753.3	-11545.4	4743.4	-4382.4	39.7
	75	1661.1	1028.4	-12712.3	5086.0	-5007.7	-28.3
	76	1323.4	1061.8	-12239.4	5118.4	-4595.2	-32.5
	Min	549.8	720.0	-14130.8	4711.1	-5917.3	-43.2
	Max	1993.7	2101.2	-11545.4	6359.2	-4097.1	43.8
1313	61	-796.2	1659.1	-16126.2	6763.5	3626.6	25.6
	62	-801.9	1339.5	-15851.6	6412.8	3616.2	27.5
	63	-521.6	2073.0	-16085.9	7240.5	3308.9	-25.1
	64	-527.2	1753.5	-15811.2	6889.8	3298.5	-23.2
	65	-1265.3	2056.2	-17194.6	7196.4	4173.6	28.4
	66	-1588.3	2104.5	-17819.6	7243.6	4532.6	24.0
	67	-792.9	2534.3	-17116.6	7735.9	3623.8	-42.6
	68	-1115.9	2582.6	-17741.6	7783.1	3982.8	-46.9
	69	-1872.8	1820.2	-18209.6	6920.7	4823.3	11.0
	70	-1878.4	1500.7	-17934.9	6570.0	4812.9	12.9
	71	-1598.2	2234.2	-18169.2	7397.6	4505.6	-39.7
	72	-1603.8	1914.7	-17894.6	7046.9	4495.2	-37.8
	73	-1284.2	991.1	-16279.2	6027.4	4139.0	34.7
	74	-1607.1	1039.5	-16904.2	6074.6	4498.0	30.3
	75	-811.7	1469.2	-16201.2	6566.9	3589.2	-36.3
	76	-1134.7	1517.6	-16826.2	6614.1	3948.2	-40.7
	Min	-1878.4	991.1	-18209.6	6027.4	3298.5	-46.9

## RELAZIONE SULLE FONDAZIONI

	Max	-521.6	2582.6	-15811.2	7783.1	4823.3	34.7
1279	61	-721.6	1790.6	-21715.5	6115.3	3259.3	39.4
	62	-718.6	1502.5	-21438.9	5808.6	3238.1	39.8
	63	-443.9	1576.1	-21436.9	5957.5	2908.8	-13.2
	64	-441.0	1288.0	-21160.2	5650.8	2887.6	-12.8
	65	-1201.1	2053.7	-22335.0	6211.8	3834.5	43.2
	66	-1522.9	1960.8	-22525.4	5961.3	4195.2	37.4
	67	-722.0	1768.5	-21906.9	5992.1	3225.0	-31.5
	68	-1043.8	1675.6	-22097.2	5741.6	3585.7	-37.3
	69	-1794.1	1481.0	-22350.0	5280.4	4461.8	20.1
	70	-1791.2	1192.9	-22073.3	4973.7	4440.6	20.6
	71	-1516.5	1266.5	-22071.3	5122.5	4111.3	-32.5
	72	-1513.6	978.4	-21794.7	4815.8	4090.1	-32.1
	73	-1191.4	1093.3	-21413.0	5189.5	3763.7	44.6
	74	-1513.2	1000.5	-21603.3	4939.0	4124.5	38.8
	75	-712.3	808.2	-20984.8	4969.8	3154.2	-30.1
	76	-1034.1	715.3	-21175.2	4719.3	3515.0	-35.9
	Min	-1794.1	715.3	-22525.4	4719.3	2887.6	-37.3
	Max	-441.0	2053.7	-20984.8	6211.8	4461.8	44.6
1262	61	1527.4	599.7	-24677.7	2135.4	-5033.1	30.7
	62	1515.8	354.7	-24358.1	1960.1	-4909.3	31.6
	63	1775.7	523.0	-24846.1	1996.3	-5202.4	-21.9
	64	1764.2	278.1	-24526.6	1820.9	-5078.6	-21.0
	65	1090.2	976.9	-24569.9	2593.6	-4828.5	34.4
	66	780.7	1027.9	-24184.3	2782.4	-4516.6	29.2
	67	1517.8	836.6	-24800.0	2387.7	-4968.1	-39.8
	68	1208.3	887.6	-24414.5	2576.6	-4656.2	-44.9
	69	495.8	769.9	-23392.6	2764.8	-3993.5	13.6
	70	484.2	524.9	-23073.0	2589.4	-3869.6	14.5
	71	744.1	693.2	-23561.0	2625.6	-4162.8	-39.0
	72	732.6	448.3	-23241.5	2450.3	-4039.0	-38.0
	73	1051.7	160.3	-23504.7	2009.1	-4415.8	37.5
	74	742.2	211.4	-23119.1	2197.9	-4103.9	32.4
	75	1479.3	20.1	-23734.8	1803.3	-4555.4	-36.6
	76	1169.8	71.1	-23349.3	1992.1	-4243.5	-41.8
	Min	484.2	20.1	-24846.1	1803.3	-5202.4	-44.9
	Max	1775.7	1027.9	-23073.0	2782.4	-3869.6	37.5
938	61	-83.7	17.3	-39930.8	-807.2	1096.6	35.0
	62	-83.7	-340.8	-40003.4	-1367.9	1089.7	35.7
	63	96.2	-341.4	-40001.5	-1044.7	799.0	-16.7
	64	96.2	-699.5	-40074.1	-1605.4	792.1	-16.0
	65	-602.0	447.1	-39641.6	201.6	1862.7	38.1
	66	-982.1	429.7	-39477.6	353.0	2410.8	32.4
	67	-272.0	23.6	-39738.6	-391.7	1327.8	-35.2
	68	-652.1	6.2	-39574.5	-240.2	1875.9	-40.9
	69	-1350.5	-40.8	-39384.0	-302.2	2923.5	15.7
	70	-1350.6	-398.9	-39456.5	-862.9	2916.6	16.5
	71	-1170.6	-399.5	-39454.6	-539.8	2625.9	-36.0
	72	-1170.7	-757.6	-39527.2	-1100.5	2619.0	-35.2
	73	-602.3	-746.6	-39883.5	-1667.4	1839.7	40.7
	74	-982.3	-764.0	-39719.5	-1515.9	2387.8	34.9
	75	-272.3	-1170.0	-39980.5	-2260.7	1304.8	-32.6
	76	-652.4	-1187.4	-39816.4	-2109.2	1852.8	-38.4
	Min	-1350.6	-1187.4	-40074.1	-2260.7	792.1	-40.9
	Max	96.2	447.1	-39384.0	353.0	2923.5	40.7
935	61	668.3	110.9	-40447.0	235.9	-1634.6	37.8

## RELAZIONE SULLE FONDAZIONI

	62	666.5	-236.3	-40574.3	-308.6	-1636.0	38.9
	63	837.4	5.2	-40437.8	68.0	-1892.6	-13.5
	64	835.6	-342.0	-40565.1	-476.5	-1894.0	-12.4
	65	181.4	508.6	-40443.8	844.1	-982.6	40.5
	66	-177.4	482.1	-40568.4	790.2	-512.3	34.8
	67	491.4	355.8	-40434.7	604.5	-1444.0	-32.0
	68	132.7	329.3	-40559.4	550.5	-973.8	-37.7
	69	-527.5	22.5	-40862.4	56.2	-67.1	18.8
	70	-529.3	-324.7	-40989.7	-488.3	-68.5	19.9
	71	-358.4	-83.2	-40853.3	-111.7	-325.0	-32.5
	72	-360.1	-430.4	-40980.6	-656.2	-326.5	-31.4
	73	175.5	-648.7	-40868.2	-970.8	-987.3	44.2
	74	-183.3	-675.2	-40992.8	-1024.8	-517.0	38.5
	75	485.5	-801.6	-40859.1	-1210.5	-1448.8	-28.4
	76	126.8	-828.1	-40983.8	-1264.4	-978.5	-34.1
	Min	-529.3	-828.1	-40992.8	-1264.4	-1894.0	-37.7
	Max	837.4	508.6	-40434.7	844.1	-67.1	44.2
932	61	701.3	586.5	-36982.6	2623.1	-1715.3	31.1
	62	694.2	227.8	-36827.2	2082.1	-1701.6	33.4
	63	861.2	896.1	-37102.0	3105.7	-1941.7	-16.8
	64	854.1	537.4	-36946.5	2564.7	-1928.0	-14.5
	65	234.3	1021.3	-36979.5	3267.8	-1123.3	30.9
	66	-115.4	1056.1	-36842.2	3309.4	-680.0	24.7
	67	528.7	1379.4	-37147.4	3820.8	-1531.4	-36.5
	68	179.0	1414.2	-37010.2	3862.4	-1088.1	-42.7
	69	-464.4	702.5	-36525.0	2762.1	-237.6	10.4
	70	-471.5	343.8	-36369.6	2221.0	-223.9	12.7
	71	-304.5	1012.1	-36644.4	3244.6	-464.0	-37.5
	72	-311.6	653.4	-36489.0	2703.6	-450.3	-35.2
	73	210.7	-174.3	-36461.4	1464.3	-1077.5	38.6
	74	-139.1	-139.5	-36324.1	1506.0	-634.2	32.4
	75	505.0	183.7	-36629.4	2017.3	-1485.6	-28.8
	76	155.3	218.5	-36492.1	2059.0	-1042.3	-35.0
	Min	-471.5	-174.3	-37147.4	1464.3	-1941.7	-42.7
	Max	861.2	1414.2	-36324.1	3862.4	-223.9	38.6
928	61	2815.0	-308.0	-20917.0	-1921.6	-9536.7	41.4
	62	2815.3	-669.0	-20774.0	-2429.9	-9650.0	42.0
	63	2973.5	-798.7	-20852.3	-2619.5	-9652.5	-9.8
	64	2973.8	-1159.7	-20709.2	-3127.8	-9765.8	-9.3
	65	2327.0	77.0	-20627.7	-1372.0	-8878.3	44.4
	66	1967.8	12.0	-20230.6	-1456.3	-8403.1	38.3
	67	2622.4	-492.9	-20548.9	-2179.6	-8937.8	-28.4
	68	2263.1	-557.9	-20151.8	-2263.9	-8462.7	-34.5
	69	1617.4	-524.5	-19593.4	-2202.6	-7952.9	21.0
	70	1617.7	-885.5	-19450.4	-2711.0	-8066.2	21.5
	71	1775.9	-1015.3	-19528.7	-2900.5	-8068.7	-30.3
	72	1776.2	-1376.3	-19385.6	-3408.9	-8182.0	-29.8
	73	2328.1	-1126.3	-20150.8	-3066.5	-9256.0	46.2
	74	1968.8	-1191.3	-19753.7	-3150.8	-8780.9	40.0
	75	2623.5	-1696.3	-20072.0	-3874.2	-9315.6	-26.6
	76	2264.2	-1761.2	-19675.0	-3958.5	-8840.4	-32.8
	Min	1617.4	-1761.2	-20917.0	-3958.5	-9765.8	-34.5
	Max	2973.8	77.0	-19385.6	-1372.0	-7952.9	46.2
924	61	-852.3	-557.6	-34463.4	-1628.1	4117.9	37.7
	62	-942.4	-937.3	-34658.7	-2285.9	4264.7	39.7
	63	-752.1	-412.4	-34379.9	-1568.5	3935.5	-14.0

## RELAZIONE SULLE FONDAZIONI

	64	-842.2	-792.0	-34575.2	-2226.3	4082.3	-11.9
	65	-1182.6	-108.6	-34580.2	-1006.0	4610.0	39.0
	66	-1568.8	-99.3	-34862.7	-1065.8	5184.3	33.0
	67	-1112.7	46.3	-34466.8	-795.1	4440.9	-34.0
	68	-1498.9	55.6	-34749.3	-854.8	5015.1	-39.9
	69	-2139.7	-526.6	-35405.2	-1827.3	6032.1	17.7
	70	-2229.9	-906.2	-35600.5	-2485.1	6178.9	19.8
	71	-2039.5	-381.3	-35321.7	-1767.7	5849.7	-33.9
	72	-2129.7	-761.0	-35517.0	-2425.5	5996.5	-31.9
	73	-1483.0	-1374.2	-35231.1	-3198.8	5099.3	45.8
	74	-1869.3	-1364.8	-35513.7	-3258.5	5673.6	39.8
	75	-1413.2	-1219.3	-35117.8	-2987.8	4930.2	-27.2
	76	-1799.4	-1209.9	-35400.3	-3047.6	5504.4	-33.1
	Min	-2229.9	-1374.2	-35600.5	-3258.5	3935.5	-39.9
	Max	-752.1	55.6	-34379.9	-795.1	6178.9	45.8
891	61	-834.5	-928.8	-27661.5	-2680.9	3923.5	34.7
	62	-835.2	-1299.2	-27445.0	-3213.8	3854.6	36.8
	63	-709.7	-445.0	-27789.5	-1957.2	3856.4	-15.8
	64	-710.4	-815.4	-27573.0	-2490.1	3787.5	-13.7
	65	-1257.5	-478.9	-28406.5	-2060.1	4358.4	37.1
	66	-1572.1	-431.4	-28839.8	-2018.1	4671.0	32.6
	67	-1018.9	80.5	-28561.0	-1236.7	4311.5	-33.6
	68	-1333.4	128.0	-28994.4	-1194.7	4624.1	-38.1
	69	-1883.0	-770.4	-29106.0	-2541.0	4965.4	19.7
	70	-1883.7	-1140.8	-28889.5	-3073.9	4896.5	21.8
	71	-1758.2	-286.6	-29234.1	-1817.3	4898.4	-30.8
	72	-1758.9	-657.0	-29017.5	-2350.2	4829.5	-28.8
	73	-1260.0	-1713.8	-27684.6	-3836.4	4128.8	44.1
	74	-1574.5	-1666.3	-28118.0	-3794.4	4441.4	39.6
	75	-1021.3	-1154.4	-27839.2	-3013.0	4081.9	-26.7
	76	-1335.9	-1106.9	-28272.5	-2971.0	4394.5	-31.2
	Min	-1883.7	-1713.8	-29234.1	-3836.4	3787.5	-38.1
	Max	-709.7	128.0	-27445.0	-1194.7	4965.4	44.1
589	61	187.8	263.3	-31273.2	527.3	433.1	38.7
	62	190.8	-146.3	-31101.0	-222.0	428.6	39.4
	63	125.3	-96.9	-31245.2	-110.2	526.8	-12.7
	64	128.2	-506.5	-31073.0	-859.6	522.3	-12.0
	65	-214.9	725.5	-31555.0	1375.0	1041.2	41.5
	66	-617.9	675.8	-31582.8	1286.3	1649.8	35.5
	67	-419.2	280.5	-31429.9	583.5	1349.5	-31.4
	68	-822.2	230.8	-31457.7	494.8	1958.1	-37.4
	69	-1155.5	97.5	-31365.7	231.6	2461.9	18.6
	70	-1152.5	-312.1	-31193.5	-517.8	2457.3	19.3
	71	-1218.0	-262.7	-31337.8	-406.0	2555.5	-32.8
	72	-1215.1	-672.3	-31165.6	-1155.3	2551.0	-32.0
	73	-205.0	-639.7	-30981.0	-1122.8	1026.0	44.0
	74	-608.0	-689.5	-31008.8	-1211.5	1634.6	38.0
	75	-409.4	-1084.7	-30856.0	-1914.3	1334.4	-28.9
	76	-812.3	-1134.5	-30883.7	-2003.0	1943.0	-34.9
	Min	-1218.0	-1134.5	-31582.8	-2003.0	428.6	-37.4
	Max	190.8	725.5	-30856.0	1375.0	2555.5	44.0
588	61	1106.1	171.2	-33798.5	278.7	-2917.9	37.1
	62	1109.0	-236.9	-33634.4	-490.0	-2922.2	38.2
	63	1046.0	32.1	-33783.7	243.3	-2832.6	-14.4
	64	1048.9	-376.0	-33619.5	-525.5	-2836.9	-13.3
	65	706.6	652.1	-34020.9	1350.5	-2320.8	39.4

## RELAZIONE SULLE FONDAZIONI

	66	305.9	639.1	-34039.2	1404.1	-1719.8	33.3
	67	503.9	472.9	-33987.2	1090.4	-2017.7	-33.6
	68	103.3	459.8	-34005.5	1144.0	-1416.7	-39.7
	69	-229.5	127.7	-33859.6	457.5	-914.8	16.7
	70	-226.6	-280.4	-33695.4	-311.3	-919.0	17.8
	71	-289.6	-11.4	-33844.7	422.0	-829.4	-34.8
	72	-286.7	-419.5	-33680.5	-346.7	-833.7	-33.7
	73	716.2	-708.2	-33473.6	-1212.0	-2334.9	43.1
	74	315.5	-721.2	-33491.9	-1158.4	-1734.0	37.0
	75	513.5	-887.4	-33439.9	-1472.1	-2031.8	-29.9
	76	112.8	-900.4	-33458.2	-1418.5	-1430.9	-36.0
	Min	-289.6	-900.4	-34039.2	-1472.1	-2922.2	-39.7
	Max	1109.0	652.1	-33439.9	1404.1	-829.4	43.1
587	61	790.3	216.8	-28089.6	1269.4	-1749.2	35.8
	62	794.0	-160.2	-28034.8	656.9	-1643.6	38.1
	63	732.0	537.9	-28114.2	1701.0	-1781.3	-15.9
	64	735.7	160.9	-28059.4	1088.5	-1675.7	-13.5
	65	374.7	684.5	-28113.9	2041.5	-1089.1	36.8
	66	-43.2	730.5	-28097.1	2155.3	-420.1	30.9
	67	163.7	1057.3	-28178.4	2623.6	-1126.8	-36.0
	68	-254.3	1103.4	-28161.6	2737.4	-457.8	-41.9
	69	-602.8	370.3	-28033.5	1648.8	480.8	16.1
	70	-599.1	-6.7	-27978.8	1036.4	586.4	18.5
	71	-661.1	691.4	-28058.2	2080.4	448.6	-35.5
	72	-657.4	314.4	-28003.4	1467.9	554.2	-33.2
	73	387.1	-572.2	-27931.4	-0.1	-737.1	44.6
	74	-30.8	-526.1	-27914.6	113.8	-68.1	38.7
	75	176.0	-199.3	-27995.8	582.0	-774.8	-28.2
	76	-241.9	-153.3	-27979.0	695.8	-105.8	-34.1
	Min	-661.1	-572.2	-28178.4	-0.1	-1781.3	-41.9
	Max	794.0	1103.4	-27914.6	2737.4	586.4	44.6
586	61	-539.8	-192.9	-21810.4	19.1	3003.9	35.7
	62	-483.1	-564.3	-21878.9	-519.8	2918.3	37.8
	63	-553.4	283.7	-21755.5	721.4	3050.4	-15.2
	64	-496.7	-87.8	-21824.0	182.5	2964.8	-13.1
	65	-1026.1	275.1	-21896.4	705.7	3639.9	37.4
	66	-1386.3	338.0	-22029.8	803.2	4099.2	32.0
	67	-1039.5	829.2	-21820.8	1519.7	3685.7	-34.2
	68	-1399.6	892.1	-21954.2	1617.2	4145.0	-39.5
	69	-1740.2	16.8	-22254.9	344.1	4534.8	18.0
	70	-1683.6	-354.7	-22323.4	-194.8	4449.2	20.1
	71	-1753.8	493.3	-22200.0	1046.4	4581.3	-32.9
	72	-1697.2	121.8	-22268.5	507.5	4495.7	-30.8
	73	-837.3	-963.1	-22124.7	-1090.6	3354.7	44.4
	74	-1197.4	-900.2	-22258.1	-993.1	3813.9	39.1
	75	-850.7	-409.0	-22049.1	-276.6	3400.4	-27.2
	76	-1210.8	-346.1	-22182.5	-179.1	3859.7	-32.5
	Min	-1753.8	-963.1	-22323.4	-1090.6	2918.3	-39.5
	Max	-483.1	892.1	-21755.5	1617.2	4581.3	44.4
585	61	3096.1	437.2	-15655.2	805.2	-10249.5	42.6
	62	3098.9	75.8	-15615.5	288.8	-10182.6	44.0
	63	3039.7	-49.6	-15628.8	114.0	-10241.9	-7.6
	64	3042.4	-410.9	-15589.1	-402.4	-10175.0	-6.2
	65	2751.1	821.1	-15570.4	1358.4	-9858.4	44.7
	66	2406.3	754.6	-15455.8	1267.3	-9461.3	39.1
	67	2573.9	254.5	-15538.9	553.2	-9862.2	-26.2

## RELAZIONE SULLE FONDAZIONI

	68	2229.2	188.0	-15424.3	462.2	-9465.1	-31.8
	69	1947.1	215.6	-15273.1	501.6	-8925.7	23.8
	70	1949.9	-145.7	-15233.4	-14.8	-8858.9	25.2
	71	1890.6	-271.2	-15246.8	-189.6	-8918.1	-26.4
	72	1893.4	-632.5	-15207.1	-706.0	-8851.3	-25.0
	73	2760.3	-383.4	-15438.0	-362.9	-9635.7	49.4
	74	2415.6	-449.8	-15323.3	-454.0	-9238.5	43.8
	75	2583.2	-949.9	-15406.5	-1168.1	-9639.4	-21.5
	76	2238.5	-1016.4	-15291.8	-1259.2	-9242.3	-27.1
	Min	1890.6	-1016.4	-15655.2	-1259.2	-10249.5	-31.8
	Max	3098.9	821.1	-15207.1	1358.4	-8851.3	49.4
584	61	-290.2	-49.5	-29947.4	46.9	2208.9	35.8
	62	-287.5	-409.7	-29891.8	-539.5	2204.7	37.7
	63	-356.0	53.2	-29962.5	227.0	2316.2	-15.7
	64	-353.2	-307.0	-29907.0	-359.4	2312.0	-13.8
	65	-697.4	390.9	-29979.0	776.0	2836.1	37.4
	66	-1104.7	422.1	-29952.3	832.7	3463.8	31.7
	67	-905.8	526.1	-29998.3	998.5	3163.8	-35.2
	68	-1313.1	557.3	-29971.7	1055.2	3791.6	-40.9
	69	-1648.0	54.6	-29858.6	235.8	4301.5	16.7
	70	-1645.3	-305.6	-29803.1	-350.6	4297.2	18.6
	71	-1713.8	157.2	-29873.8	416.0	4408.8	-34.8
	72	-1711.0	-203.0	-29818.3	-170.4	4404.6	-32.9
	73	-688.2	-809.8	-29793.9	-1178.7	2821.9	43.8
	74	-1095.5	-778.5	-29767.3	-1122.0	3449.7	38.1
	75	-896.6	-674.5	-29813.3	-956.2	3149.6	-28.8
	76	-1303.9	-643.3	-29786.7	-899.5	3777.4	-34.5
	Min	-1713.8	-809.8	-29998.3	-1178.7	2204.7	-40.9
	Max	-287.5	557.3	-29767.3	1055.2	4408.8	43.8
247	61	-27.7	-771.9	-18637.9	-2096.3	1438.8	34.4
	62	-23.6	-1143.6	-19034.9	-2637.4	1442.4	36.4
	63	-195.3	-305.6	-18365.4	-1430.3	1672.8	-15.9
	64	-191.2	-677.3	-18762.3	-1971.4	1676.4	-13.9
	65	-429.4	-306.8	-18496.4	-1419.6	2003.9	36.2
	66	-829.7	-246.2	-18720.3	-1331.1	2578.9	31.0
	67	-737.0	238.0	-18103.3	-637.8	2441.2	-34.6
	68	-1137.3	298.6	-18327.3	-549.3	3016.3	-39.9
	69	-1361.8	-570.0	-19384.5	-1801.1	3355.5	16.9
	70	-1357.8	-941.7	-19781.5	-2342.2	3359.1	18.9
	71	-1529.5	-103.7	-19112.0	-1135.1	3589.5	-33.5
	72	-1525.4	-475.4	-19508.9	-1676.2	3593.1	-31.5
	73	-415.8	-1545.9	-19819.6	-3223.2	2015.7	42.8
	74	-816.0	-1485.3	-20043.5	-3134.7	2590.7	37.6
	75	-723.4	-1001.1	-19426.5	-2441.4	2453.0	-28.0
	76	-1123.7	-940.5	-19650.5	-2352.9	3028.0	-33.3
	Min	-1529.5	-1545.9	-20043.5	-3223.2	1438.8	-39.9
	Max	-23.6	298.6	-18103.3	-549.3	3593.1	42.8
246	61	2252.4	-48.5	-19562.8	-930.9	-6836.1	41.9
	62	2258.5	-396.5	-20082.0	-1391.4	-6883.4	42.0
	63	2123.2	-539.5	-19860.8	-1643.9	-6786.6	-10.1
	64	2129.3	-887.6	-20380.0	-2104.5	-6833.9	-10.0
	65	1941.8	334.1	-18614.7	-393.3	-6520.8	44.8
	66	1635.4	284.1	-18445.4	-420.7	-6299.7	38.0
	67	1704.8	-226.9	-19202.1	-1171.0	-6475.6	-29.4
	68	1398.5	-276.9	-19032.7	-1198.5	-6254.4	-36.3
	69	1231.2	-215.3	-18998.2	-1022.3	-6099.0	19.0

## RELAZIONE SULLE FONDAZIONI

	70	1237.3	-563.3	-19517.4	-1482.9	-6146.4	19.1
	71	1102.0	-706.4	-19296.2	-1735.4	-6049.5	-33.0
	72	1108.1	-1054.4	-19815.4	-2196.0	-6096.8	-32.9
	73	1962.0	-825.9	-20345.5	-1928.4	-6678.5	45.3
	74	1655.7	-876.0	-20176.1	-1955.8	-6457.4	38.4
	75	1725.1	-1387.0	-20932.8	-2706.1	-6633.3	-29.0
	76	1418.7	-1437.0	-20763.5	-2733.6	-6412.2	-35.8
	Min	1102.0	-1437.0	-20932.8	-2733.6	-6883.4	-36.3
	Max	2258.5	334.1	-18445.4	-393.3	-6049.5	45.3
244	61	795.4	-484.0	-29598.0	-2170.1	-1555.2	38.9
	62	803.1	-794.1	-29988.0	-2556.1	-1572.1	39.5
	63	617.6	-783.1	-29882.8	-2590.1	-1292.3	-12.7
	64	625.3	-1093.2	-30272.9	-2976.0	-1309.3	-12.1
	65	379.6	-127.5	-29197.5	-1711.5	-940.0	41.8
	66	-31.4	-159.1	-29282.7	-1734.1	-337.4	35.6
	67	56.3	-489.6	-29572.1	-2201.2	-461.9	-31.5
	68	-354.7	-521.1	-29657.3	-2223.8	140.6	-37.7
	69	-574.6	-589.1	-29881.9	-2245.7	453.3	18.3
	70	-566.8	-899.2	-30271.9	-2631.6	436.3	18.9
	71	-752.4	-888.2	-30166.8	-2665.6	716.1	-33.4
	72	-744.6	-1198.3	-30556.8	-3051.5	699.1	-32.7
	73	405.4	-1161.2	-30497.5	-2997.9	-996.6	43.9
	74	-5.5	-1192.7	-30582.7	-3020.5	-394.1	37.7
	75	82.2	-1523.2	-30872.1	-3487.6	-518.6	-29.4
	76	-328.8	-1554.7	-30957.3	-3510.2	83.9	-35.6
	Min	-752.4	-1554.7	-30957.3	-3510.2	-1572.1	-37.7
	Max	803.1	-127.5	-29197.5	-1711.5	716.1	43.9
242	61	991.8	-816.5	-30782.2	-3074.8	-2283.2	34.6
	62	1000.4	-1113.9	-31172.4	-3438.7	-2301.4	35.6
	63	815.4	-930.7	-30949.3	-3240.6	-2023.3	-16.7
	64	824.0	-1228.1	-31339.4	-3604.5	-2041.5	-15.7
	65	582.5	-469.2	-30348.3	-2647.9	-1691.7	37.1
	66	178.6	-482.1	-30362.7	-2661.4	-1112.9	31.0
	67	262.4	-614.3	-30506.5	-2850.0	-1221.9	-35.8
	68	-141.5	-627.3	-30520.9	-2863.5	-643.2	-41.8
	69	-354.4	-859.6	-30830.2	-3119.8	-354.1	14.4
	70	-345.8	-1156.9	-31220.4	-3483.7	-372.3	15.5
	71	-530.9	-973.7	-30997.3	-3285.6	-94.2	-36.9
	72	-522.3	-1271.1	-31387.4	-3649.5	-112.4	-35.9
	73	611.1	-1460.4	-31648.7	-3860.8	-1752.4	40.5
	74	207.2	-1473.3	-31663.1	-3874.3	-1173.7	34.5
	75	290.9	-1605.5	-31806.9	-4062.9	-1282.7	-32.3
	76	-113.0	-1618.4	-31821.3	-4076.4	-703.9	-38.3
	Min	-530.9	-1618.4	-31821.3	-4076.4	-2301.4	-41.8
	Max	1000.4	-469.2	-30348.3	-2647.9	-94.2	40.5
240	61	162.9	-1217.9	-21601.0	-4402.8	728.7	30.6
	62	165.0	-1539.3	-21545.2	-4852.4	736.5	31.8
	63	-8.0	-1183.5	-21613.0	-4332.5	972.3	-20.1
	64	-6.0	-1504.9	-21557.2	-4782.2	980.1	-18.8
	65	-246.1	-892.9	-21590.1	-3990.3	1321.2	32.8
	66	-656.3	-919.8	-21521.1	-4078.4	1930.5	27.3
	67	-560.7	-821.1	-21593.0	-3901.3	1783.5	-38.0
	68	-970.8	-848.0	-21524.0	-3989.4	2392.8	-43.5
	69	-1204.1	-1307.4	-21371.0	-4696.4	2759.9	12.2
	70	-1202.1	-1628.8	-21315.2	-5146.1	2767.7	13.5
	71	-1375.1	-1272.9	-21383.0	-4626.1	3003.5	-38.4

## RELAZIONE SULLE FONDAZIONI

	72	-1373.1	-1594.3	-21327.2	-5075.8	3011.3	-37.2
	73	-239.3	-1964.3	-21404.2	-5489.2	1347.2	37.0
	74	-649.5	-1991.1	-21335.2	-5577.3	1956.5	31.4
	75	-553.9	-1892.5	-21407.1	-5400.2	1809.5	-33.9
	76	-964.0	-1919.3	-21338.1	-5488.3	2418.8	-39.4
	Min	-1375.1	-1991.1	-21613.0	-5577.3	728.7	-43.5
	Max	165.0	-821.1	-21315.2	-3901.3	3011.3	37.0
236	61	923.3	-1309.5	-29215.1	-4321.7	-1932.2	35.0
	62	944.9	-1653.8	-29787.4	-4813.9	-2105.4	37.6
	63	727.9	-1006.9	-28766.1	-4066.1	-1705.6	-16.2
	64	749.5	-1351.2	-29338.3	-4558.3	-1878.8	-13.6
	65	503.3	-888.8	-28200.0	-3720.8	-1046.2	35.7
	66	97.6	-855.1	-27851.8	-3618.3	-452.9	29.8
	67	151.2	-545.5	-27633.4	-3279.3	-803.2	-36.6
	68	-254.5	-511.8	-27285.2	-3176.8	-210.0	-42.5
	69	-428.8	-1197.2	-28054.3	-3979.9	45.2	15.4
	70	-407.3	-1541.6	-28626.6	-4472.1	-128.0	17.9
	71	-624.2	-894.6	-27605.3	-3724.3	271.9	-35.8
	72	-602.6	-1239.0	-28177.5	-4216.5	98.6	-33.3
	73	575.1	-2036.7	-30107.5	-5361.4	-1623.6	44.2
	74	169.5	-2003.0	-29759.2	-5258.9	-1030.4	38.3
	75	223.0	-1693.3	-29540.9	-4920.0	-1380.6	-28.0
	76	-182.6	-1659.6	-29192.6	-4817.4	-787.4	-33.9
	Min	-624.2	-2036.7	-30107.5	-5361.4	-2105.4	-42.5
	Max	944.9	-511.8	-27285.2	-3176.8	271.9	44.2

3.2.7.1. Rz Min/Max

Pali di fondazione	Comb	Rz [kg]
935	74	-40992.8
1647	65	-9842.9

Com.	Rx [kg]	Ry [kg]	Rz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
61	14780.3	4446.2	-639512.7	13811.0	-22995.4	1773.4
62	14728.2	-4174.6	-639617.8	1892.9	-22877.9	1802.6
63	15839.1	4410.0	-639572.9	13774.0	-24437.5	472.8
64	15787.0	-4210.8	-639677.9	1856.0	-24320.0	502.0
65	3978.7	14501.5	-639233.2	27964.8	-11064.9	1482.8
66	-5191.5	14430.9	-639096.0	28068.1	-248.7	1117.1
67	5365.2	14305.3	-639286.9	27670.1	-11404.3	-158.1
68	-3805.0	14234.7	-639149.8	27773.5	-588.1	-523.8
69	-15787.0	4210.8	-639055.4	14155.5	13058.6	554.4
70	-15839.1	-4410.0	-639160.4	2237.4	13176.1	583.6
71	-14728.2	4174.6	-639115.4	14118.5	11616.4	-746.3
72	-14780.3	-4446.2	-639220.6	2200.5	11733.9	-717.0
73	3805.0	-14234.7	-639583.5	-11762.0	-10673.3	1580.2
74	-5365.2	-14305.3	-639446.3	-11658.7	142.9	1214.5
75	5191.5	-14430.9	-639637.3	-12056.7	-11012.7	-60.7
76	-3978.7	-14501.5	-639500.0	-11953.4	-196.5	-426.4

Baricentro geometrico di 26 pali 17.07 5.09 [m]

3.2.7.2. Punto di passaggio reazione Rz:

Comb.	Rz [kg]	x [m]	y [m]
61	-639512.7	17.19	5.16
62	-639617.8	17.19	5.11
63	-639572.9	17.20	5.16
64	-639677.9	17.20	5.11
65	-639233.2	17.14	5.22
66	-639096.0	17.10	5.22
67	-639286.9	17.15	5.22
68	-639149.8	17.11	5.22
69	-639055.4	17.05	5.16
70	-639160.4	17.05	5.12
71	-639115.4	17.06	5.17
72	-639220.6	17.05	5.12
73	-639583.5	17.14	5.06
74	-639446.3	17.09	5.06
75	-639637.3	17.15	5.06
76	-639500.0	17.11	5.06

## 4. VERIFICHE DELLE PLATEE

### 4.1. Modalità di verifica

Gli elementi lastra/piastra possono essere distinti in due categorie in funzione dello stato di sollecitazione:

- elementi soggetti ad uno stato di sollecitazione semplice (flessione o tensionale a membrana);
- elementi soggetti ad uno stato di sollecitazione misto (flessionale e tensionale a membrana).

Le verifiche per stato di sollecitazione semplice sono svolte proiettando le armature lungo le direzioni principali e effettuando la verifica a flessione retta/membrana lungo tali direzioni.

Per gli elementi soggetti ad uno stato di sollecitazione misto, le direzioni principali variano, lungo lo sviluppo  $z$  dell'elemento, in modo continuo. Il codice di verifica procede a:

- suddivisione dell'elemento in strati di 1 cm di spessore;
- valutazione, per ogni strato, del corrispondente stato di deformazione e tensione membranale;
- ricostruzione, per sovrapposizione dei vari strati membranali, del comportamento globale dell'elemento soggetto allo stato misto di presso-flessione.

L'Utente può definire delle sezioni trasversali, per le quali le sollecitazioni sono valutate mediando integrazione sulla lunghezza della sezione

Nella determinazione della matrice di rigidezza degli strati di cls, si assume:

- Metodo T.A.: il calcestruzzo in compressione è assunto indefinitamente elastico lineare mentre, in trazione, si può assumere (opzionalmente) che sia in grado di assumere una trazione compresa fra 0 e  $f_{ct}$ , essendo  $f_{ct}$  la resistenza a trazione del calcestruzzo definita dall'EC2;
- Metodo S.L.U.: il metodo impiegato è quello noto come MCFT acronimo di "Modified Compression Field Method", sviluppato presso l'Università di Toronto da Collins e Del Vecchio a partire dagli anni '80. Il metodo, nella forma implementata, assume per la curva monoassiale tensione-deformazioni del cls quanto previsto dall'EC2;

La verifica a punzonamento può essere condotta considerando o non considerando autoequilibrate le tensioni nel terreno sotto il cono di punzonamento. L'angolo di diffusione è fissato dall'utente.

I copriferri indicati sono da intendersi riferiti al centro delle barre resistenti.

Simbologia utilizzata T.A.:

---

 $\sigma_{amm}$ 

Tensione ammissibile

---

 $\sigma_{amm,Trazione}$ 

Tensione ammissibile di trazione cls

---

 $\sigma_{cls,1}$ 

Tensione cls direzione 1

---

 $\sigma_{cls,2}$ 

Tensione cls direzione 2

---

 $\sigma_{acciaio,1}$ 

Tensione acciaio direzione 1

---

 $\sigma_{acciaio,2}$ 

Tensione acciaio direzione 2

---

 $cf_{x,Eq}$ 

Copriferro in direzione x

---

 $Af_x$ 

Armatura in direzione x

---

 $cf_{y,Eq}$ 

Copriferro in direzione y

---

 $Af_y$ 

Armatura in direzione y

---

## RELAZIONE SULLE FONDAZIONI

 **$N_x, N_y, N_{xy}, M_{xx}, M_{yy}, M_{xy}$** 

Componenti di sollecitazione esterna

 **$N_{11}, N_{22}, M_{11}, M_{22}, M_{12}$** 

Componenti di sollecitazione principali

 **$\alpha$** 

Angolo direzioni principali

 **$d$** 

Distanza a cui è calcolato il perimetro critico

 **$\tau_{b,0}$** 

Tensione ammissibile a taglio elementi privi di armatura a taglio

 **$\tau_{b,1}$** 

Tensione ammissibile a taglio elementi con armatura a taglio

 **$N, M_x, M_y$** 

Sollecitazione esterna verifica a punzonamento

 **$\tau$** 

Tensione tangenziale massima

Simbologia utilizzata S.L.:

 **$f_{yd}$** 

Tensione di snervamento di progetto barre armatura

 **$\epsilon_{ud}$** 

Deformazione uniforme ultima

 **$\epsilon_{yd}$** 

Deformazione al limite di snervamento

 **$f_{ck}$** 

Resistenza cilindrica caratteristica

 **$f_{cd}$** 

Tensione di calcolo a compressione di base

 **$\epsilon_{c2}$** 

Deformazione limite elastico

 **$\epsilon_y$** 

Deformazione limite ultimo

 **$f_{ctd}$** 

Tensione di calcolo a trazione di progetto

 **$\epsilon_{ctd}$** 

Deformazione al limite di trazione

 **$E_{cm}$** 

Modulo elastico

 **$cf_{x,Eq}$** 

Copriferro in direzione x

 **$Af_x$** 

Armatura in direzione x

 **$cf_{y,Eq}$** 

Copriferro in direzione y

 **$Af_y$** 

Armatura in direzione y

 **$N_x, N_y, N_{xy}, M_{xx}, M_{yy}, M_{xy}$** 

Componenti di sollecitazione esterna

 **$N_{11}, N_{22}, M_{11}, M_{22}, M_{12}$** 

Componenti di sollecitazione principali

 **$\alpha$** 

Angolo direzioni principali

 **$Cr$** Coefficiente rottura  $S_D/S_R$  **$\epsilon_x$** 

Deformazione acciaio direzione x

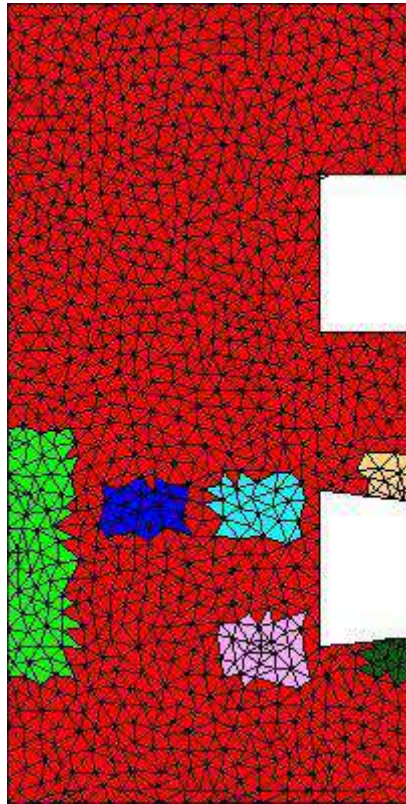
 **$\epsilon_y$**

## RELAZIONE SULLE FONDAZIONI

	Deformazione acciaio direzione y
$\epsilon_{\min}$	Deformazione minima cls
$\epsilon_{\max}$	Deformazione massima cls
$\theta_{\max}$	Angolo direzioni principali di deformazione
$\sigma_{amm}$	Tensione ammissibile S.L.E. di riferimento
$\sigma_x$	Tensione nelle barre nello S.L.E. di riferimento in direzione x
$\sigma_y$	Tensione nelle barre nello S.L.E. di riferimento in direzione y
$\sigma_{c,Max}$	Tensione massima nel cls nello S.L.E. di riferimento
$d$	Distanza a cui è calcolato il perimetro critico
$C_{Rd,c}$	Coefficiente taglio resistente elementi privi di armatura a taglio
$V_{Ed,y}$ $M_{x,Ed,y}$ $M_{y,Ed}$	Sollecitazione esterna verifica a punzonamento
$B_x, B_y$	Dimensioni perimetro critico
$\beta$	Angolo diffusione tensioni
$v_{Ed}$	Tensione tangenziale sull'area critica
$\rho$	Rapporto meccanico di armatura
$V_{Rd,c}$	Taglio resistente elementi privi di armatura

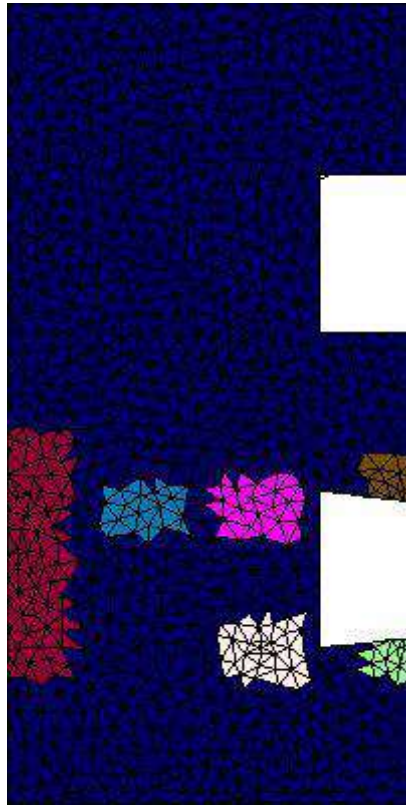
## RELAZIONE SULLE FONDAZIONI

## 4.2. Platea edificio s = 30 cm

4.2.1.1. Mappa armature di Estradosso

Colore	Armature
Red	top Ø 16/20' X + Ø 16/20' Y c=3.00 [cm]
Green	top Ø 16/20' X + Ø 16/20' Y c=3.00 [cm]
Blue	top Ø 16/20' X + Ø 16/20' Y c=3.00 [cm]
Cyan	top Ø 16/20' X + Ø 16/20' Y c=3.00 [cm]
Pink	top Ø 16/20' X + Ø 16/20' Y c=3.00 [cm]
Yellow	top Ø 16/20' X + Ø 16/20' Y c=3.00 [cm]
Dark Green	top Ø 16/20' X + Ø 16/20' Y c=3.00 [cm]

## RELAZIONE SULLE FONDAZIONI

4.2.1.2. Mappa armature di Intradosso

Colore	Armature
	bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm]
	bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm] bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm]
	bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm] bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm]
	bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm] bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm]
	bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm] bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm]
	bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm] bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm]
	bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm] bottom $\emptyset$ 16/20' X + $\emptyset$ 16/20' Y c=3.00 [cm]

## 4.2.2. Impostazioni di verifica

4.2.2.1. Curva  $\sigma/\epsilon$  Calcestruzzo

- secondo Hognestad

4.2.2.2. Modellazione softening (trazione/compressione)

- $f_{c,d,soft} = f_{c,d} \cdot 0.9 / \sqrt{1+400 \epsilon_t}$  / Hognestad

4.2.2.3. Modellazione compressione biassiale

- $f_{c,d,biassial} = f_{c,d} (1 + 3.8 \alpha) / (1.0 + \alpha)^2$  /  $\alpha = \epsilon_{c1} / \epsilon_{c2}$  (EC2 Ponti 6.110)

### 4.2.3. Elementi più sollecitati per tipologia di sezione

#### 4.2.3.1. Verifiche SLU Flessione elemento nodi 589 532 568

- Proprietà dei materiali

##### Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\varepsilon_{ud}$  67.00 ‰
- $\varepsilon_{yd}$  1.86 ‰

##### Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\varepsilon_{cz}$  -2.00 ‰
- $\varepsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  12.9 [kg/cm<sup>2</sup>]
- $\varepsilon_{ctd}$  0.08 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]

- Sezione

- sezione 1 H=30.00 [cm]

Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

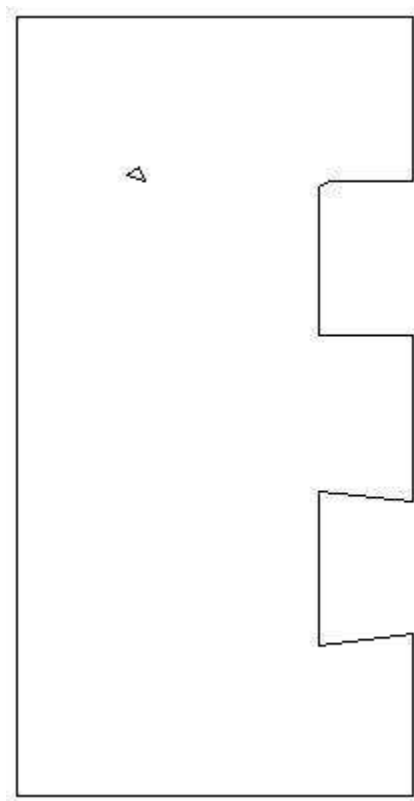
- Azioni di verifica combinazione 8 (5.66 29.18 [m])

$M_{xx}$	-5710.37	[kgm/m]	$M_{11}$	5708.87	[kgm/m]
$M_y$	-9720.05	[kgm/m]	$M_{22}$	9721.55	[kgm/m]
$M_{xy}$	-77.75	[kgm/m]	$\alpha$	-19.80	[°]

- Verifiche

Cr=S/R	Posizione	Acciaio			Calcestruzzo	
		$\varepsilon_x$ ‰	$\varepsilon_y$ ‰	$\varepsilon_{min}$ ‰	$\varepsilon_{max}$ ‰	$\theta$ [°]
1.00	Estradosso	-0.194	0.224	-0.365	-3.500	-2.28
	Intradosso	0.999	25.468	29.248	1.114	87.33

## RELAZIONE SULLE FONDAZIONI

4.2.3.2. Verifiche SLU Flessione elemento nodi 1308 1315 1296

- Proprietà dei materiali

Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰

Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  12.9 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.08 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]

- Sezione

- sezione 1 H=30.00 [cm]

Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
20.11	3.00	20.11	3.00	20.11	3.00	20.11	3.00

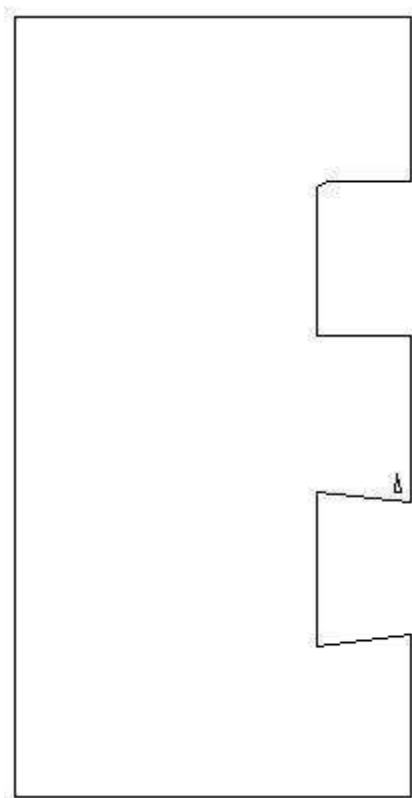
## RELAZIONE SULLE FONDAZIONI

- Azioni di verifica combinazione 8 (18.00 14.57 [m])

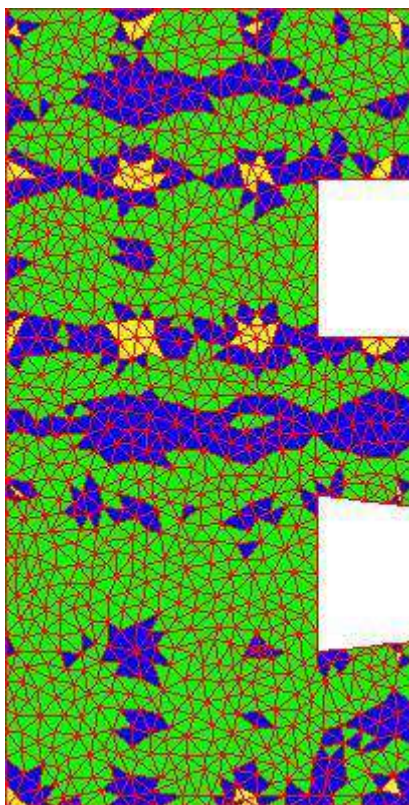
$M_{xx}$	-13359.73	[kgm/m]	$M_{11}$	5030.15	[kgm/m]
$M_y$	-8079.03	[kgm/m]	$M_{22}$	16408.61	[kgm/m]
$M_{xy}$	5039.43	[kgm/m]	$\alpha$	41.69	[°]

- Verifiche

Cr=S/R	Posizione	Acciaio			Calcestruzzo	
		$\epsilon_x \text{‰}$	$\epsilon_y \text{‰}$	$\epsilon_{min} \text{‰}$	$\epsilon_{max} \text{‰}$	$\theta \text{ [°]}$
0.90	Estradosso	-0.711	-0.361	0.274	-3.500	55.27
	Intradosso	9.904	3.646	16.232	-0.528	-32.22



## RELAZIONE SULLE FONDAZIONI



33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

4.2.3.3. Verifiche SLE Rare Flessione elemento nodi 568 631 589

- Proprietà dei materiali

Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  3600.0 [kg/cm<sup>2</sup>]

Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  168.0 [kg/cm<sup>2</sup>]

- Sezione

- sezione 1 H=30.00 [cm]

## RELAZIONE SULLE FONDAZIONI

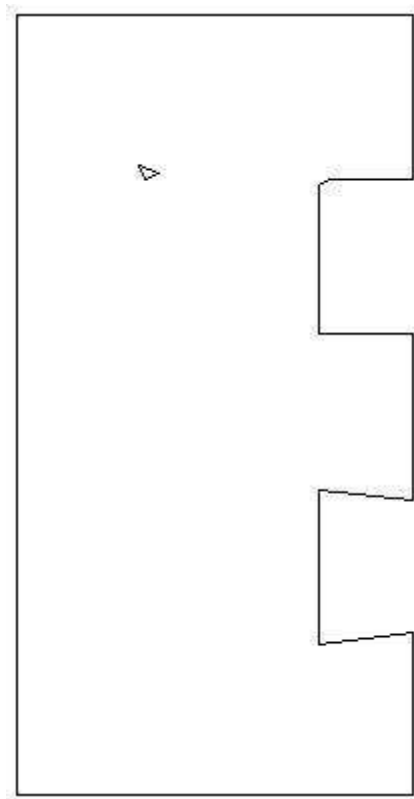
Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

- Azioni di verifica combinazione 33 (6.19 29.15 [m])

$M_{xx}$	-4844.78	[kgm/m]	$M_{11}$	4840.15	[kgm/m]
$M_y$	-7209.24	[kgm/m]	$M_{22}$	7213.88	[kgm/m]
$M_{xy}$	-104.82	[kgm/m]	$\alpha$	-18.78	[°]

- Verifiche

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.74	Estradosso	-313.7	-509.6	-91.9	-30.03		
	Intradosso	1147.5	2227.2	0.0	55.58		



#### 4.2.3.4. Verifiche SLE Rare Flessione elemento nodi 1308 1315 1296

- Proprietà dei materiali

##### Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  3600.0 [kg/cm<sup>2</sup>]

## RELAZIONE SULLE FONDAZIONI

Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  168.0 [kg/cm<sup>2</sup>]

## • Sezione

- sezione 1 H=30.00 [cm]

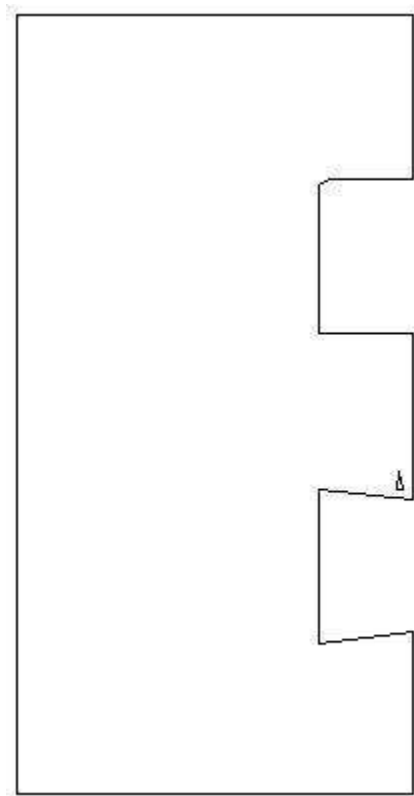
Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
20.11	3.00	20.11	3.00	20.11	3.00	20.11	3.00

## • Azioni di verifica combinazione 33 (18.00 14.57 [m])

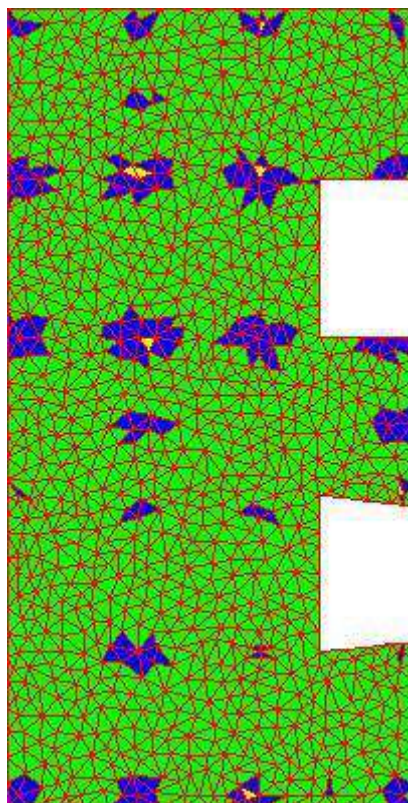
$M_{xx}$	-9932.93	[kgm/m]	$M_{11}$	3749.18	[kgm/m]
$M_y$	-5987.55	[kgm/m]	$M_{22}$	12171.30	[kgm/m]
$M_{xy}$	3720.42	[kgm/m]	$\alpha$	41.55	[°]

## • Verifiche

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.66	Estradosso	-621.7	-370.3	-103.7	51.15		
	Intradosso	2527.0	1847.1	-23.0	-40.96		



## RELAZIONE SULLE FONDAZIONI



33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

4.2.3.5. Verifiche SLE Frequenti Flessione elemento nodi 568 631 589

- Proprietà dei materiali

Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  4500.0 [kg/cm<sup>2</sup>]

Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  280.0 [kg/cm<sup>2</sup>]

- Sezione

- sezione 1 H=30.00 [cm]

Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]

## RELAZIONE SULLE FONDAZIONI

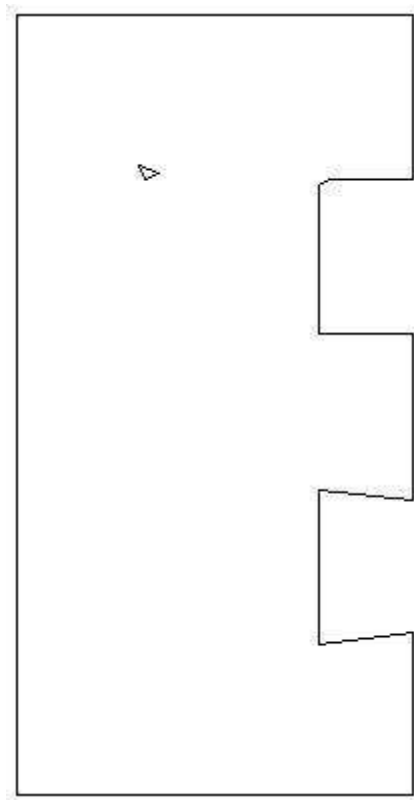
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00
-------	------	-------	------	-------	------	-------	------

- Azioni di verifica combinazione 42 (6.19 29.15 [m])

$M_{xx}$	-5264.13	[kgm/m]	$M_{11}$	5212.19	[kgm/m]
$M_y$	-6969.40	[kgm/m]	$M_{22}$	7021.34	[kgm/m]
$M_{xy}$	-302.11	[kgm/m]	$\alpha$	-11.56	[°]

- Verifiche

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.72	Estradosso	-341.2	-474.9	-95.5	-35.83		
	Intradosso	1527.1	2261.7	0.0	51.14		



#### 4.2.3.6. Verifiche SLE Frequenti Flessione elemento nodi 932 945 939

- Proprietà dei materiali

##### Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  4500.0 [kg/cm<sup>2</sup>]

##### Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰

## RELAZIONE SULLE FONDAZIONI

- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\varepsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  280.0 [kg/cm<sup>2</sup>]

- **Sezione**

- sezione 1 H=30.00 [cm]

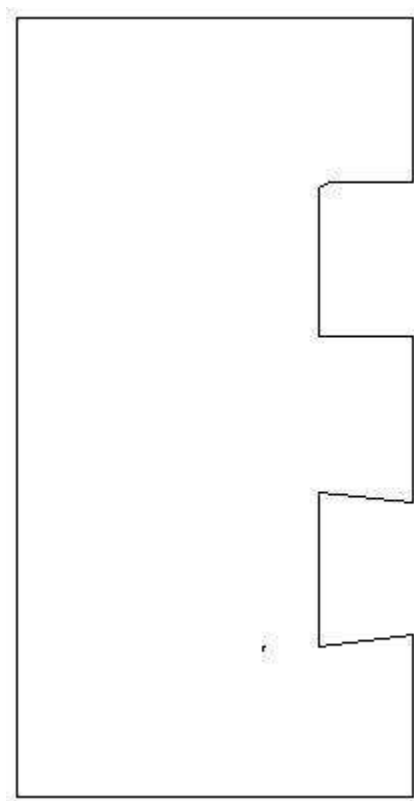
Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,eq}$ [cm]
20.11	3.00	20.11	3.00	20.11	3.00	20.11	3.00

- **Azioni di verifica combinazione 42 (11.60 7.01 [m])**

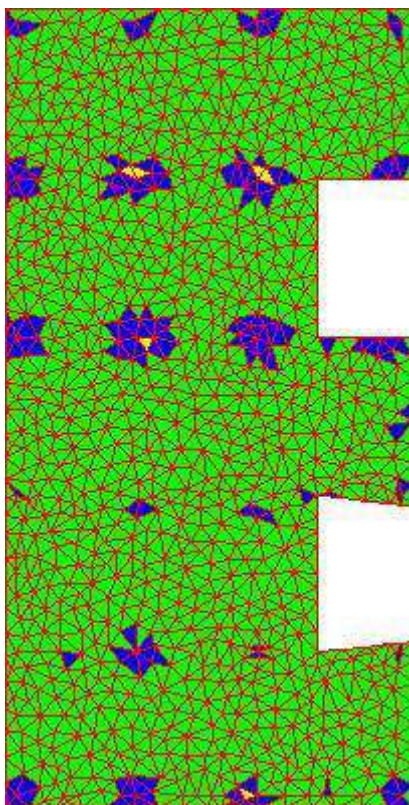
$M_{xx}$	-12601.62	[kgm/m]	$M_{11}$	13688.33	[kgm/m]
$M_{yy}$	-7973.26	[kgm/m]	$M_{22}$	6886.55	[kgm/m]
$M_{xy}$	2492.11	[kgm/m]	$\alpha$	23.56	[°]

- **Verifiche**

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.73	Estradosso	-703.2	-427.9	-123.9	53.42		
	Intradosso	2842.6	1973.2	-5.9	-39.89		



## RELAZIONE SULLE FONDAZIONI



33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

#### 4.2.3.7. Verifiche SLE Quasi Permanenti Flessione elemento nodi 568 631 589

- **Proprietà dei materiali**

##### Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  4500.0 [kg/cm<sup>2</sup>]

##### Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  126.0 [kg/cm<sup>2</sup>]
- $w_{Max}$  0.30 mm

- **Sezione**

- sezione 1 H=30.00 [cm]

## RELAZIONE SULLE FONDAZIONI

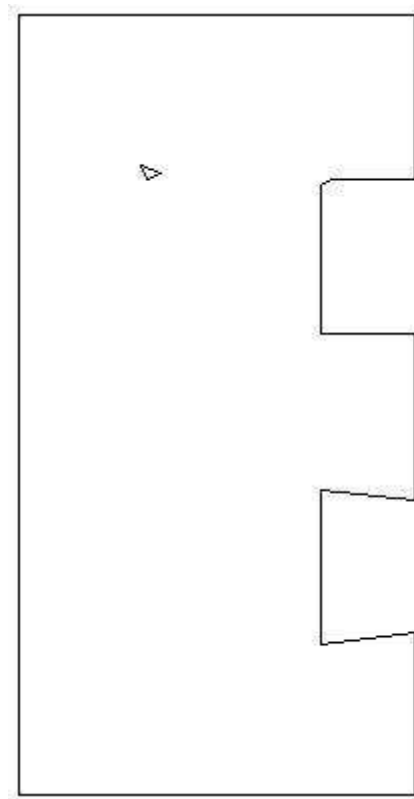
Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

- Azioni di verifica combinazione 44 (6.19 29.15 [m])

$M_{xx}$	-5141.77	[kgm/m]	$M_{11}$	5090.05	[kgm/m]
$M_y$	-6787.46	[kgm/m]	$M_{22}$	6839.19	[kgm/m]
$M_{xy}$	-296.31	[kgm/m]	$\alpha$	-11.41	[°]

- Verifiche

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.70	Estradosso	-336.3	-467.0	-93.1	-35.75	NON Fessurato	0.000
	Intradosso	1444.9	2153.6	0.0	51.27	Fessurato	0.168



#### 4.2.3.8. Verifiche SLE Quasi Permanenti Flessione elemento nodi 932 945 939

- Proprietà dei materiali

##### Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  4500.0 [kg/cm<sup>2</sup>]

##### Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]

## RELAZIONE SULLE FONDAZIONI

- $\varepsilon_{c2}$  -2.00 ‰
- $\varepsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\varepsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  126.0 [kg/cm<sup>2</sup>]
- $w_{Max}$  0.30 mm

- **Sezione**

- sezione 1 H=30.00 [cm]

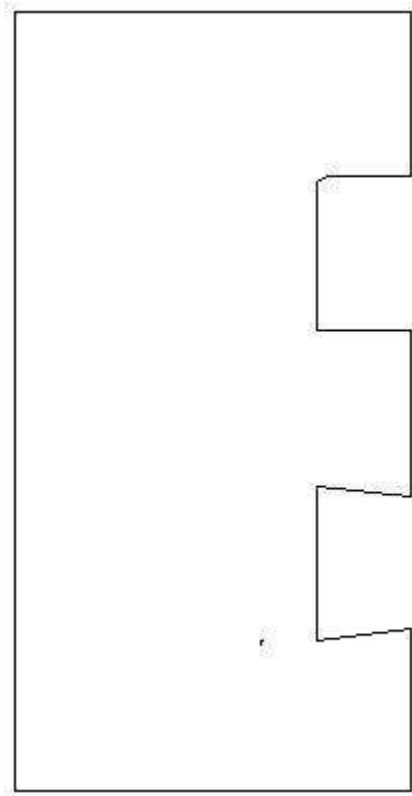
Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
20.11	3.00	20.11	3.00	20.11	3.00	20.11	3.00

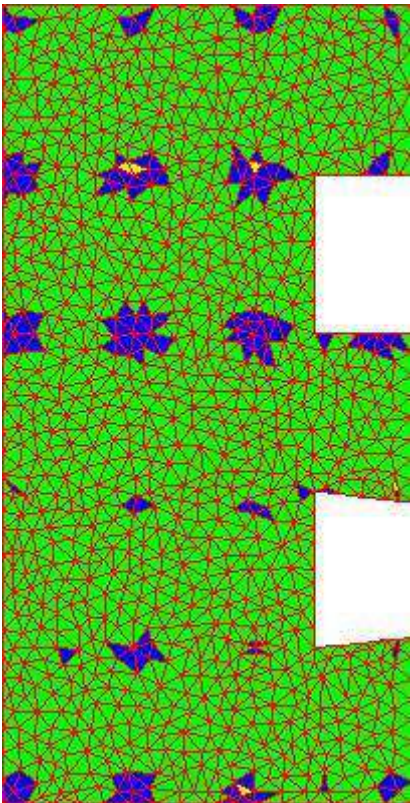
- **Azioni di verifica combinazione 44 (11.60 7.01 [m])**

$M_{xx}$	-12415.43	[kgm/m]	$M_{11}$	13460.25	[kgm/m]
$M_y$	-7768.40	[kgm/m]	$M_{22}$	6723.57	[kgm/m]
$M_{xy}$	2438.64	[kgm/m]	$\alpha$	23.19	[°]

- **Verifiche**

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.98	Estradosso	-693.6	-417.4	-122.1	53.63	NON Fessurato	0.000
	Intradosso	2786.0	1913.6	-5.5	-39.74	Fessurato	0.293

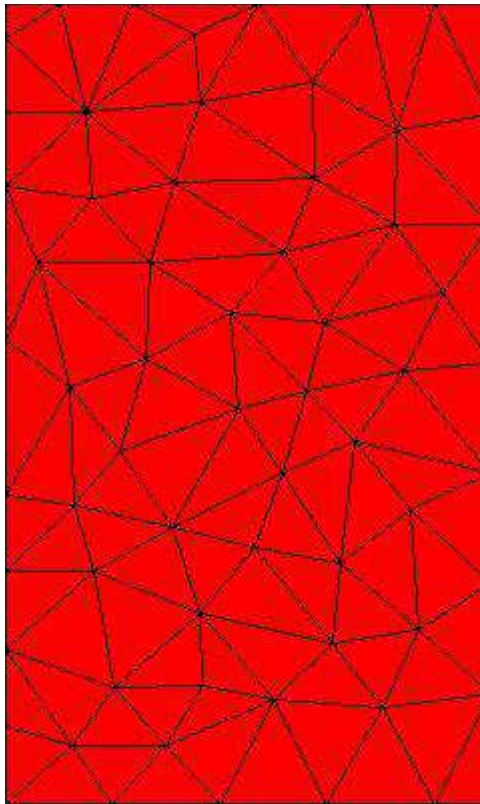




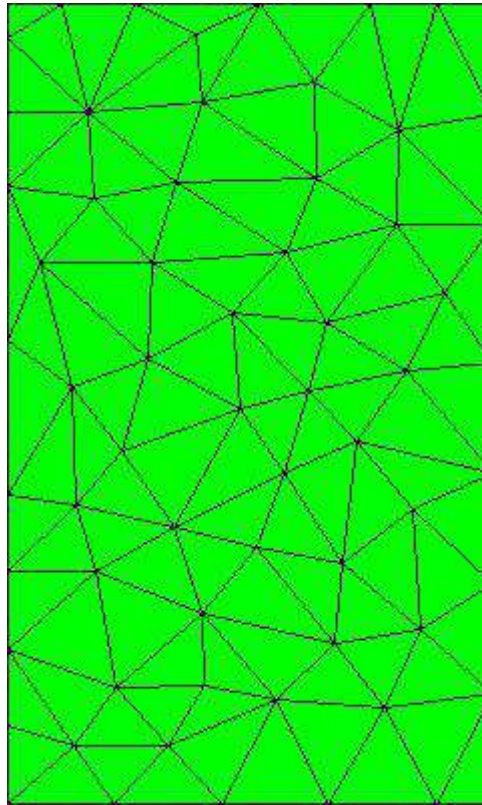
33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

#### 4.3. Platea impianti s = 20 cm

##### 4.3.1.1. Mappa armature di Estradosso

**Colore****Armature**top  $\emptyset 16/20'$  X +  $\emptyset 16/20'$  Y c=3.00 [cm]

## RELAZIONE SULLE FONDAZIONI

4.3.1.2. Mappa armature di Intradosso

Colore

Armature

bottom  $\varnothing 16/20'$  X +  $\varnothing 16/20'$  Y c=3.00 [cm]

## 4.3.2. Impostazioni di verifica

4.3.2.1. Curva  $\sigma/\epsilon$  Calcestruzzo

- secondo Hognestad

4.3.2.2. Modellazione softening (trazione/compressione)

- $f_{cd,soft} = f_{cd} \cdot 0.9 / \sqrt{1+400 \epsilon_t}$  / Hognestad

4.3.2.3. Modellazione compressione biassiale

- $f_{cd,biaxial} = f_{cd} \cdot (1 + 3.8 \alpha) / (1.0 + \alpha)^2$  /  $\alpha = \epsilon_{c1} / \epsilon_{c2}$  (EC2 Ponti 6.110)

## 4.3.3. Elementi più sollecitati per tipologia di sezione

4.3.3.1. Verifiche SLU Flessione elemento nodi 1279 1226 1252

- Proprietà dei materiali

Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰

## RELAZIONE SULLE FONDAZIONI

Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\varepsilon_{c2}$  -2.00 ‰
- $\varepsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  12.9 [kg/cm<sup>2</sup>]
- $\varepsilon_{ctd}$  0.08 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]

## • Sezione

- sezione 2 H=20.00 [cm]

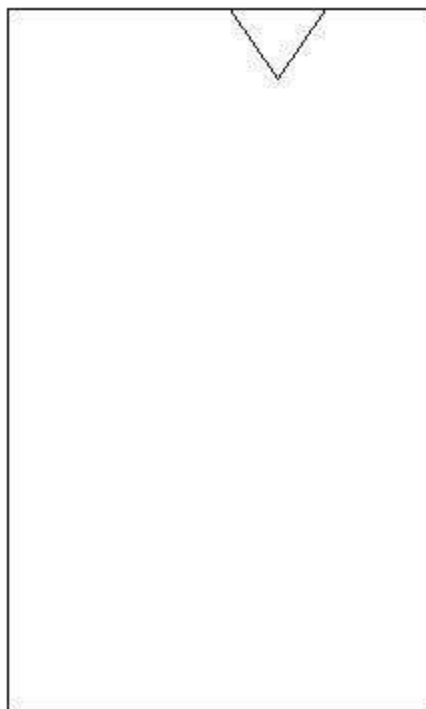
Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

## • Azioni di verifica combinazione 8 (2.80 7.01 [m])

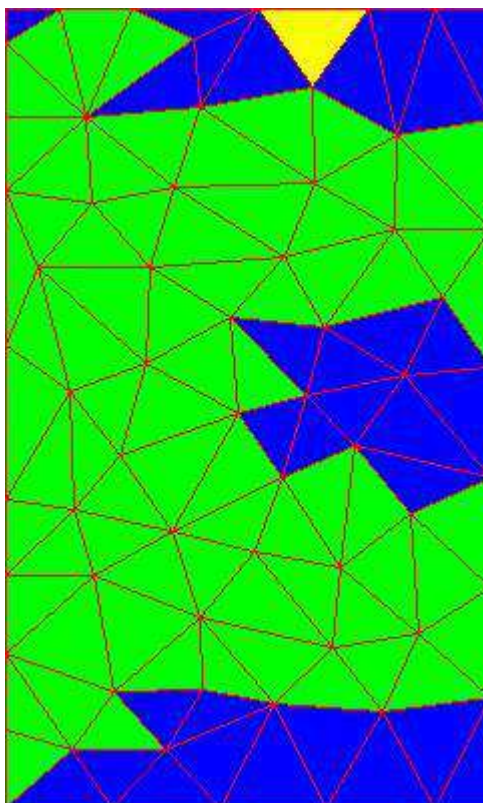
$M_{xx}$	-2156.09	[kgm/m]	$M_{11}$	-2144.94	[kgm/m]
$M_y$	-3770.18	[kgm/m]	$M_{22}$	-3781.33	[kgm/m]
$M_{xy}$	-134.59	[kgm/m]	$\alpha$	-4.73	[°]

## • Verifiche

Cr=S/R	Posizione	Acciaio		Calcestruzzo		
		$\varepsilon_s$ ‰	$\varepsilon_y$ ‰	$\varepsilon_{min}$ ‰	$\varepsilon_{max}$ ‰	$\theta$ [°]
0.66	Estradosso	-0.089	0.183	-0.229	-3.500	-13.25
	Intradosso	1.083	13.374	18.191	0.089	74.42



## RELAZIONE SULLE FONDAZIONI



33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

4.3.3.2. Verifiche SLE Rare Flessione elemento nodi 1279 1226 1252

- Proprietà dei materiali

Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  3600.0 [kg/cm<sup>2</sup>]

Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  168.0 [kg/cm<sup>2</sup>]

- Sezione

- sezione 2 H=20.00 [cm]

## RELAZIONE SULLE FONDAZIONI

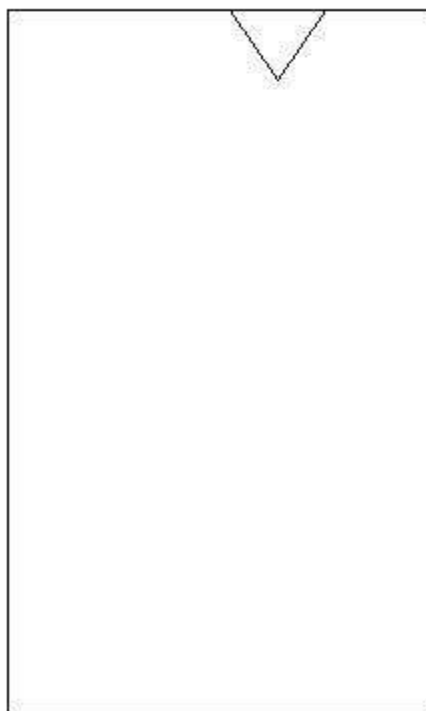
Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

- Azioni di verifica combinazione 33 (2.80 7.01 [m])

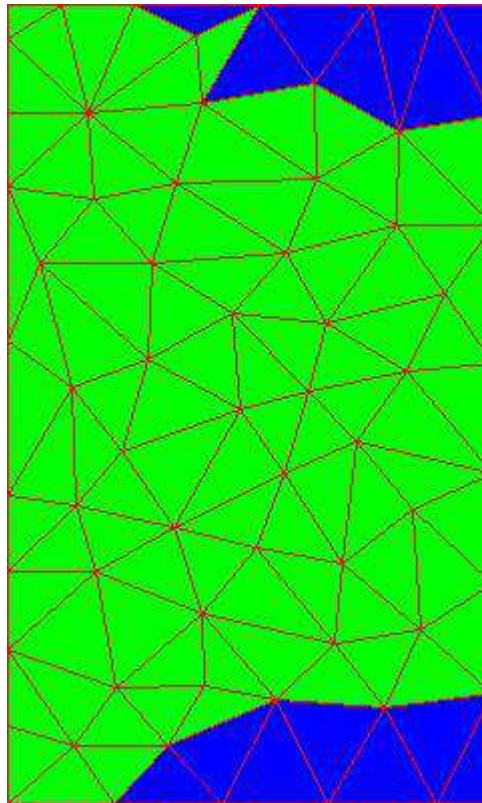
$M_{xx}$	-1584.25	[kgm/m]	$M_{11}$	-1576.26	[kgm/m]
$M_y$	-2757.08	[kgm/m]	$M_{22}$	-2765.08	[kgm/m]
$M_{xy}$	-97.15	[kgm/m]	$\alpha$	-4.70	[°]

- Verifiche

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.48	Estradosso	-169.7	-318.9	-47.1	-5.82		
	Intradosso	170.7	407.4	0.0	83.91		



## RELAZIONE SULLE FONDAZIONI



33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

4.3.3.3. Verifiche SLE Frequenti Flessione elemento nodi 1231 1205 1262

- Proprietà dei materiali

Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  4500.0 [kg/cm<sup>2</sup>]

Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  280.0 [kg/cm<sup>2</sup>]

- Sezione

- sezione 2 H=20.00 [cm]

## RELAZIONE SULLE FONDAZIONI

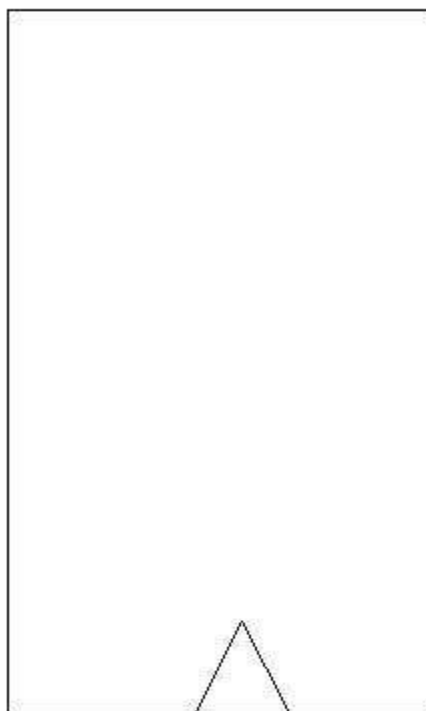
Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

- Azioni di verifica combinazione 42 (2.44 0.32 [m])

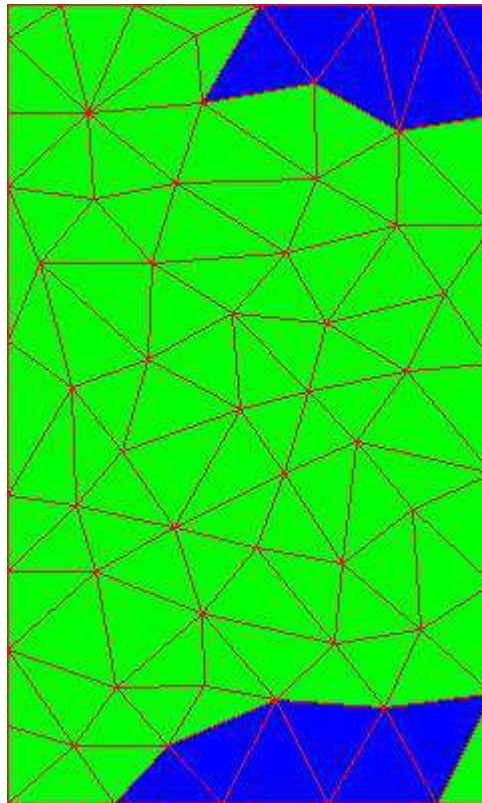
$M_{xx}$	-1623.47	[kgm/m]	$M_{11}$	-2529.89	[kgm/m]
$M_y$	-2514.96	[kgm/m]	$M_{22}$	-1608.54	[kgm/m]
$M_{xy}$	-116.31	[kgm/m]	$\alpha$	19.92	[°]

- Verifiche

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.44	Estradosso	-174.3	-278.7	-40.5	-10.50		
	Intradosso	174.2	311.4	0.0	73.94		



## RELAZIONE SULLE FONDAZIONI



33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

#### 4.3.3.4. Verifiche SLE Quasi Permanenti Flessione elemento nodi 1231 1205 1262

- **Proprietà dei materiali**

##### Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  4500.0 [kg/cm<sup>2</sup>]

##### Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  126.0 [kg/cm<sup>2</sup>]
- $w_{Max}$  0.30 mm

- **Sezione**

- sezione 2 H=20.00 [cm]

## RELAZIONE SULLE FONDAZIONI

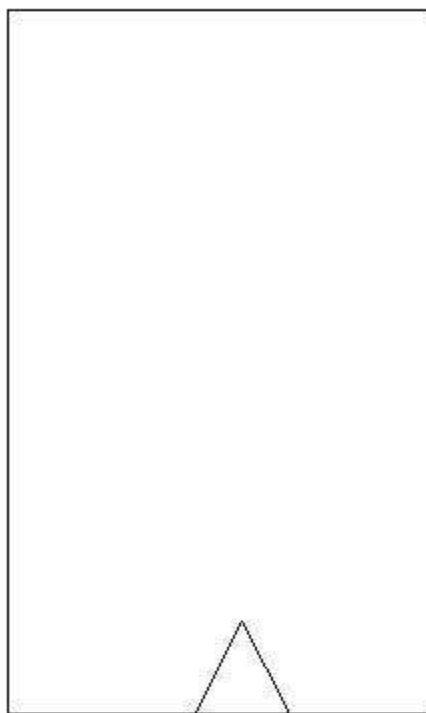
Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

- Azioni di verifica combinazione 44 (2.44 0.32 [m])

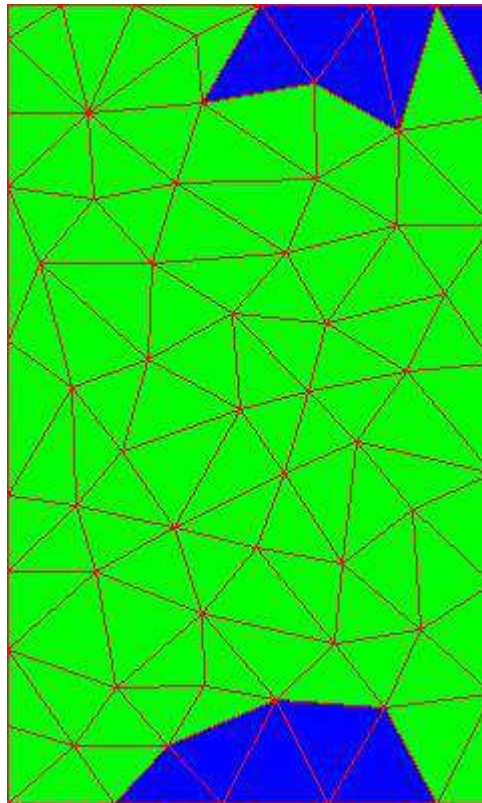
$M_{xx}$	-1577.28	[kgm/m]	$M_{11}$	-2442.32	[kgm/m]
$M_y$	-2427.32	[kgm/m]	$M_{22}$	-1562.28	[kgm/m]
$M_{xy}$	-113.91	[kgm/m]	$\alpha$	19.73	[°]

- Verifiche

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.42	Estradosso	-169.5	-266.1	-38.7	-11.58	NON Fessurato	0.000
	Intradosso	166.9	290.2	0.0	71.54	Fessurato	0.003



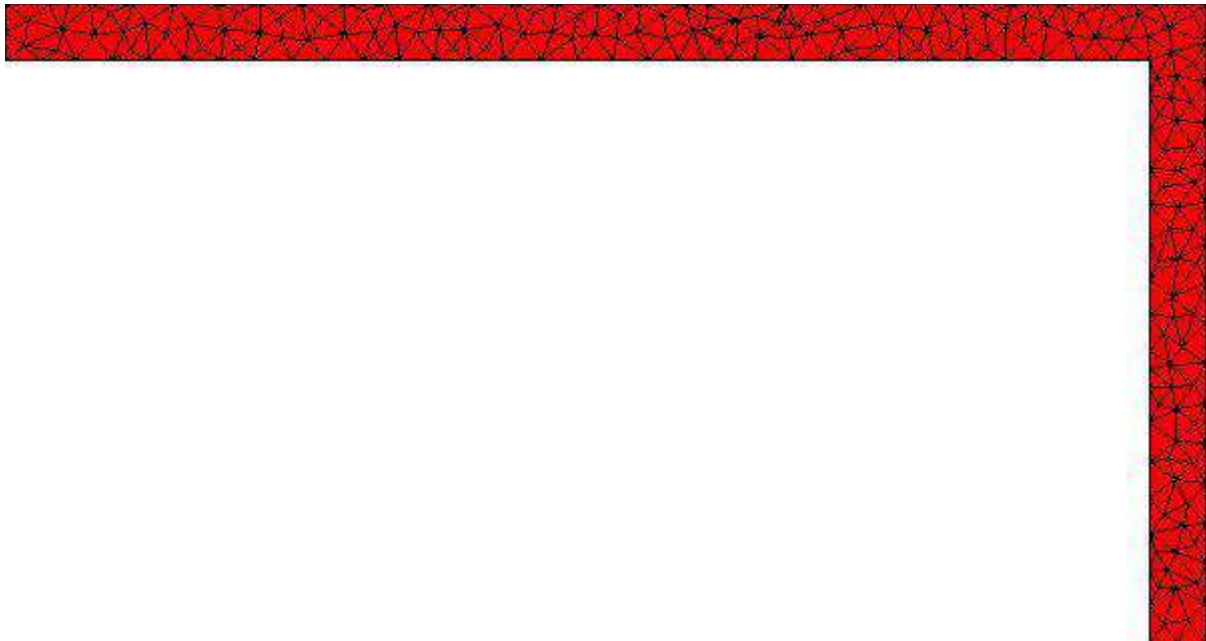
## RELAZIONE SULLE FONDAZIONI




33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

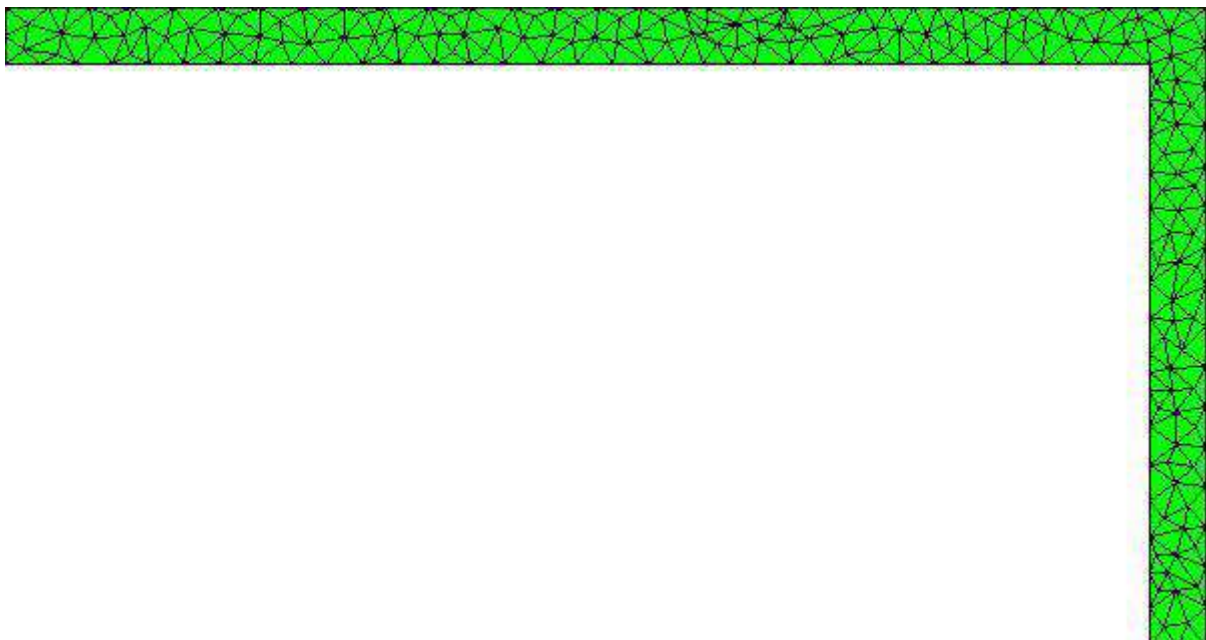
#### 4.4. Platea esterna s = 20 cm


##### 4.4.1.1. Mappa armature di Estradosso



Colore	Armature
	top $\varnothing 16/20'$ X + $\varnothing 16/20'$ Y c=3.00 [cm]

##### 4.4.1.2. Mappa armature di Intradosso



Colore	Armature
	bottom $\varnothing 16/20'$ X + $\varnothing 16/20'$ Y c=3.00 [cm]

## RELAZIONE SULLE FONDAZIONI

**4.4.2. Impostazioni di verifica****4.4.2.1. Curva  $\sigma/\epsilon$  Calcestruzzo**

- secondo Hognestad

**4.4.2.2. Modellazione softening (trazione/compressione)**

- $f_{c,d,soft} = f_{c,d} \cdot 0.9 / \sqrt{1+400 \epsilon_t}$  / Hognestad

**4.4.2.3. Modellazione compressione biassiale**

- $f_{c,d,biaxial} = f_{c,d} (1 + 3.8 \alpha) / (1.0 + \alpha)^2$  /  $\alpha = \epsilon_{c1} / \epsilon_{c2}$  (EC2 Ponti 6.110)

**4.4.3. Elementi più sollecitati per tipologia di sezione****4.4.3.1. Verifiche SLU Flessione elemento nodi 285 190 251**

- Proprietà dei materiali**

**Acciaio B 450 C**

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰

**Calcestruzzo C28/35**

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  12.9 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.08 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]

- Sezione**

- sezione 2 H=20.00 [cm]

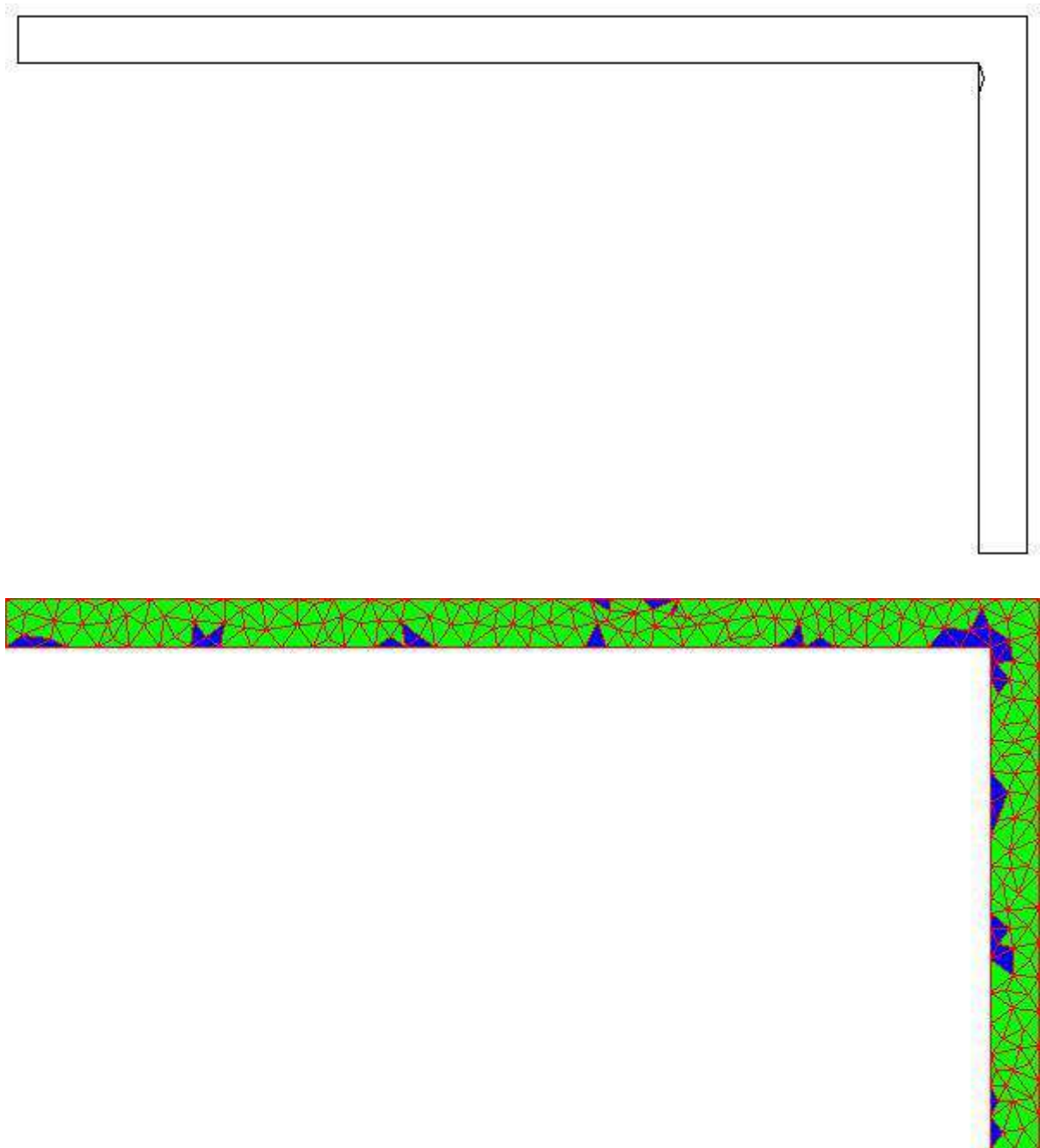
Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

- Azioni di verifica combinazione 9 (36.68 18.07 [m])**

$M_{xx}$	2997.69	[kgm/m]	$M_{11}$	-2091.57	[kgm/m]
$M_y$	2138.98	[kgm/m]	$M_{22}$	-3045.10	[kgm/m]
$M_{xy}$	207.28	[kgm/m]	$\alpha$	-12.88	[°]

- Verifiche**

Cr=S/R	Posizione	Acciaio			Calcestruzzo	
		$\epsilon_x$ ‰	$\epsilon_y$ ‰	$\epsilon_{min}$ ‰	$\epsilon_{max}$ ‰	$\theta$ [°]
0.53	Estradosso	12.859	1.648	18.304	0.043	19.68
	Intradosso	0.183	-0.105	-0.261	-3.500	-71.99



33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

#### 4.4.3.2. Verifiche SLE Rare Flessione elemento nodi 285 190 251

##### • Proprietà dei materiali

##### Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  3600.0 [kg/cm<sup>2</sup>]

##### Calcestruzzo C28/35

## RELAZIONE SULLE FONDAZIONI

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\varepsilon_{c2}$  -2.00 ‰
- $\varepsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\varepsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  168.0 [kg/cm<sup>2</sup>]

- **Sezione**

- sezione 2 H=20.00 [cm]

Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

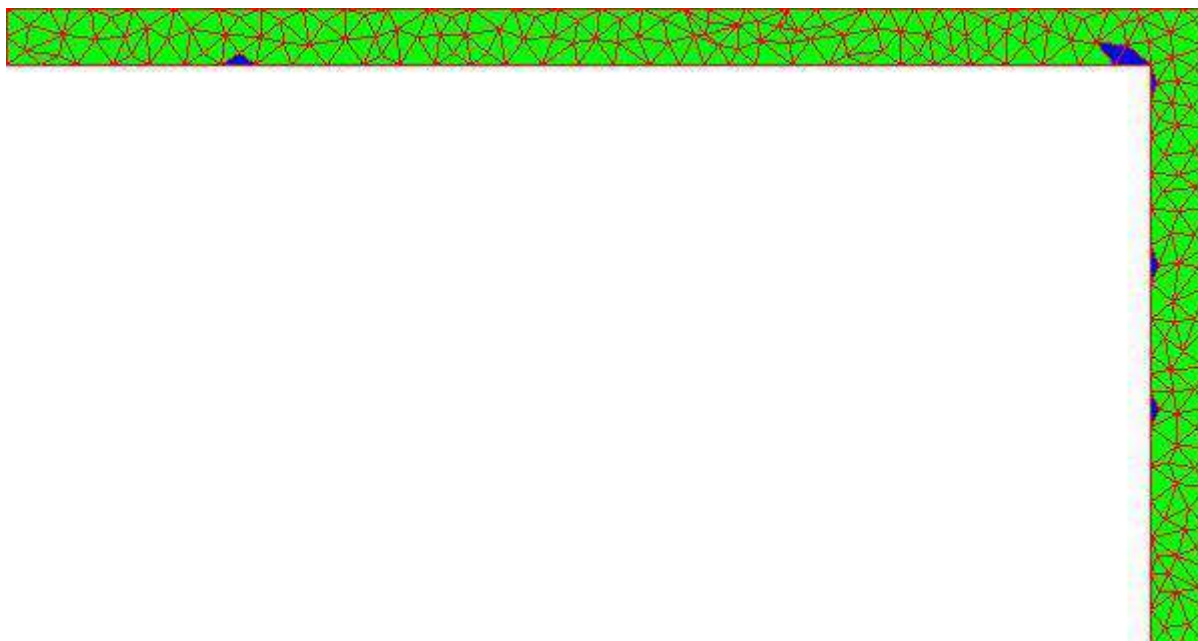
- **Azioni di verifica combinazione 34 (36.68 18.07 [m])**

$M_{xx}$	2175.87	[kgm/m]	$M_{11}$	-1527.72	[kgm/m]
$M_y$	1566.34	[kgm/m]	$M_{22}$	-2214.49	[kgm/m]
$M_{xy}$	158.22	[kgm/m]	$\alpha$	-13.72	[°]

- **Verifiche**

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.38	Estradosso	232.7	167.5	0.0	15.46		
	Intradosso	-232.7	-167.5	-33.5	-74.54		





33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

#### 4.4.3.3. Verifiche SLE Frequenti Flessione elemento nodi 285 190 251

##### • Proprietà dei materiali

###### Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  4500.0 [kg/cm<sup>2</sup>]

###### Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  280.0 [kg/cm<sup>2</sup>]

##### • Sezione

- sezione 2 H=20.00 [cm]

Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

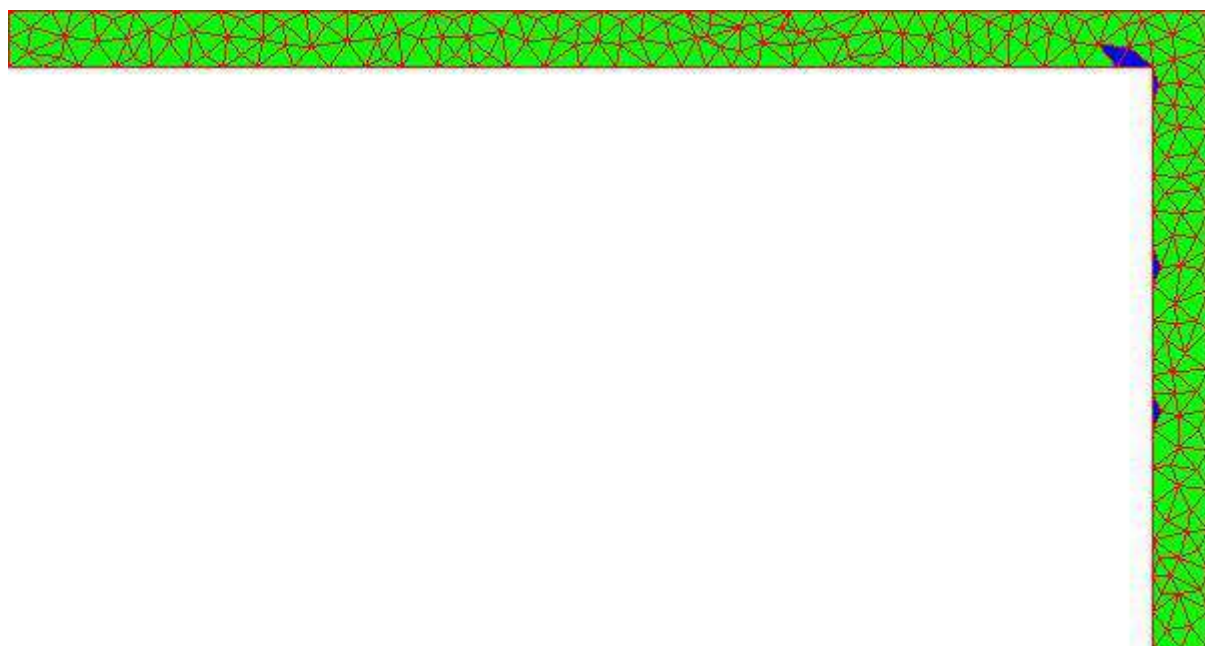
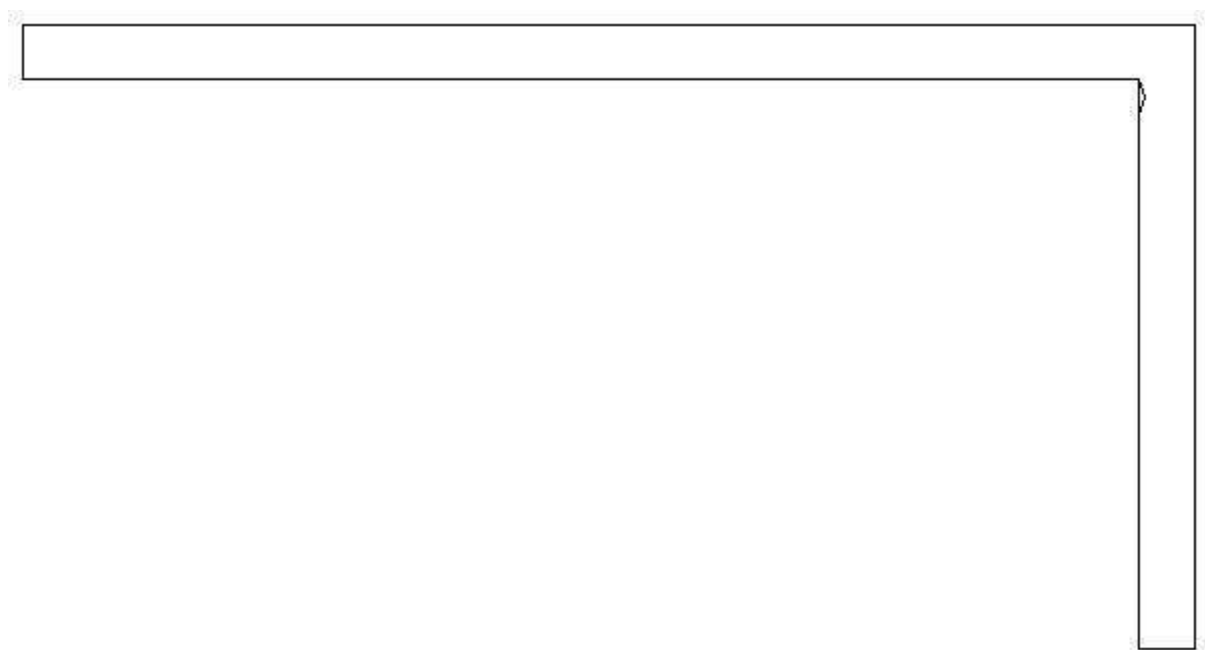
## RELAZIONE SULLE FONDAZIONI

- Azioni di verifica combinazione 43 (36.68 18.07 [m])

$M_{xx}$	2117.40	[kgm/m]	$M_{11}$	-1592.48	[kgm/m]
$M_y$	1648.21	[kgm/m]	$M_{22}$	-2173.13	[kgm/m]
$M_{xy}$	171.04	[kgm/m]	$\alpha$	-18.05	[°]

- Verifiche

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.37	Estradosso	226.4	176.3	0.0	20.04		
	Intradosso	-226.4	-176.3	-32.8	-69.96		



33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

#### 4.4.3.4. Verifiche SLE Quasi Permanenti Flessione elemento nodi 285 190 251

##### • Proprietà dei materiali

###### Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  4500.0 [kg/cm<sup>2</sup>]

###### Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{cz}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  126.0 [kg/cm<sup>2</sup>]
- $w_{Max}$  0.30 mm

##### • Sezione

- sezione 2 H=20.00 [cm]

Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

##### • Azioni di verifica combinazione 44 (36.68 18.07 [m])

$M_{xx}$	2032.18	[kgm/m]	$M_{11}$	-1536.58	[kgm/m]
$M_y$	1596.53	[kgm/m]	$M_{22}$	-2092.13	[kgm/m]
$M_{xy}$	172.37	[kgm/m]	$\alpha$	-19.18	[°]

##### • Verifiche

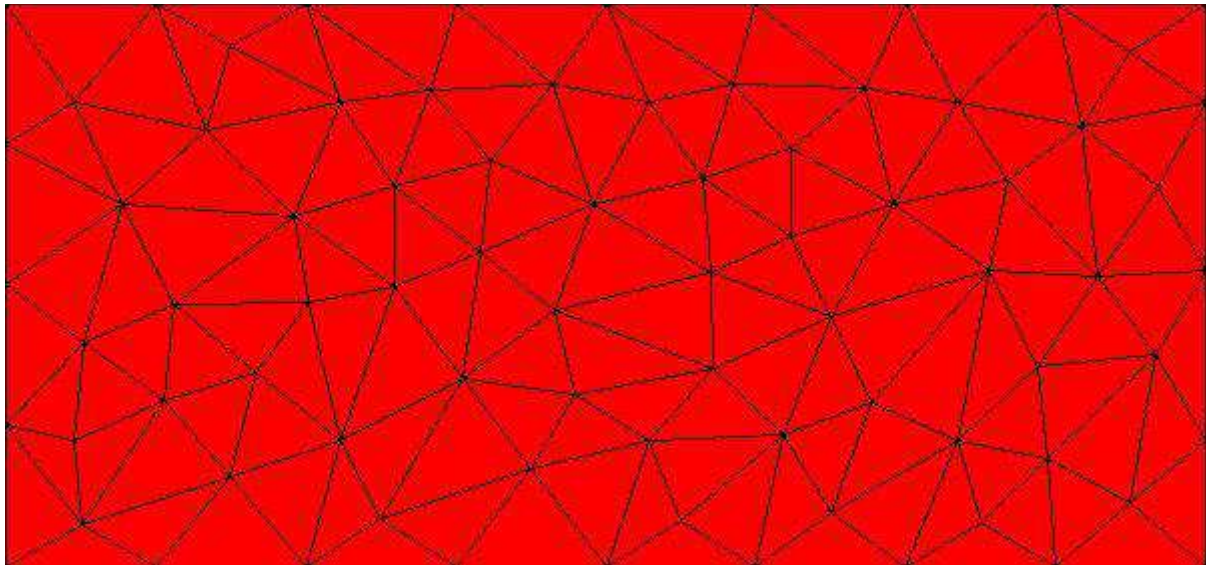
Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.36	Estradosso	217.3	170.7	0.0	21.20	NON Fessurato	0.000
	Intradosso	-217.3	-170.7	-31.6	-68.80	NON Fessurato	0.000




33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

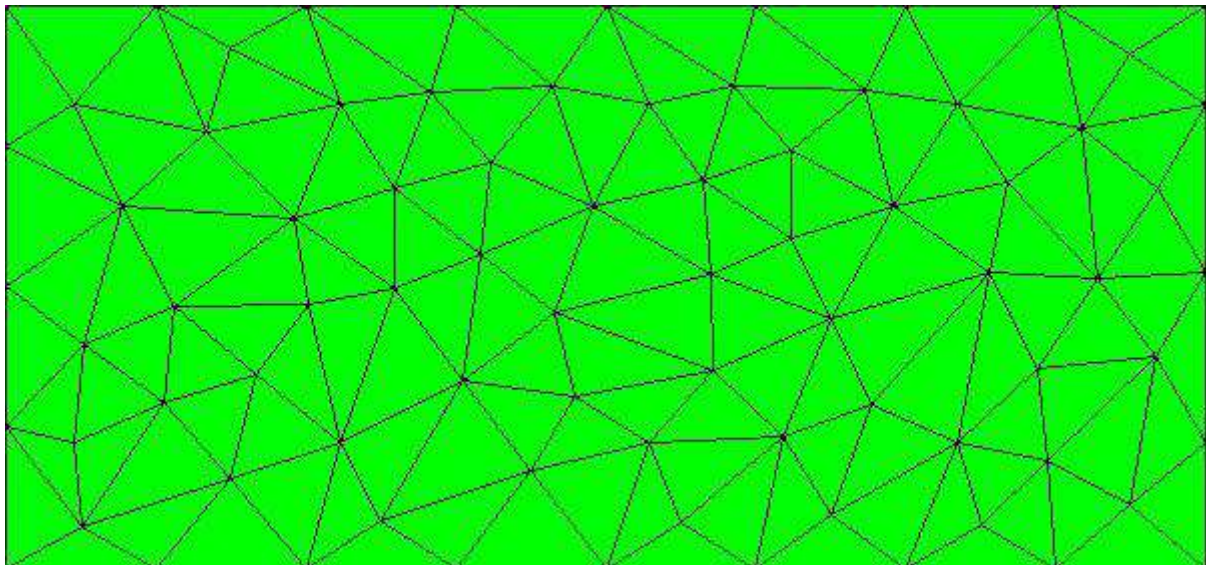
#### 4.5. Platea rampa di accesso s = 20 cm


##### 4.5.1.1. Mappa armature di Estradosso



Colore	Armature
	top $\varnothing 16/20'$ X + $\varnothing 16/20'$ Y c=3.00 [cm]

##### 4.5.1.2. Mappa armature di Intradosso



Colore	Armature
	bottom $\varnothing 16/20'$ X + $\varnothing 16/20'$ Y c=3.00 [cm]

#### 4.5.2. Impostazioni di verifica

##### 4.5.2.1. Curva $\sigma/\epsilon$ Calcestruzzo

- secondo Hognestad

## RELAZIONE SULLE FONDAZIONI

4.5.2.2. Modellazione softening (trazione/compressione)

- $f_{cd,soft} = f_{cd} \cdot 0.9 / \sqrt{1+400 \epsilon_t}$  / Hognestad

4.5.2.3. Modellazione compressione biassiale

- $f_{cd,biaxial} = f_{cd} \cdot (1 + 3.8 \alpha) / (1.0 + \alpha)^2$  /  $\alpha = \epsilon_{c1} / \epsilon_{c2}$  (EC2 Ponti 6.110)

## 4.5.3. Elementi più sollecitati per tipologia di sezione

4.5.3.1. Verifiche SLU Flessione elemento nodi 1597 1647 1620

- **Proprietà dei materiali**

Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰

Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  12.9 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.08 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]

- **Sezione**

- sezione 2 H=20.00 [cm]

Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

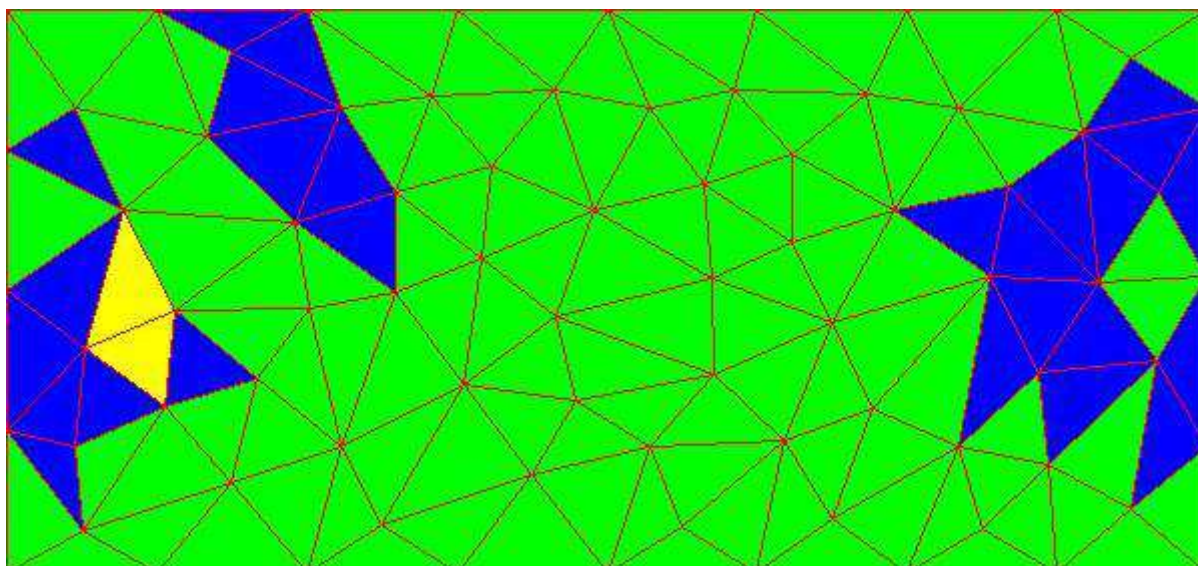
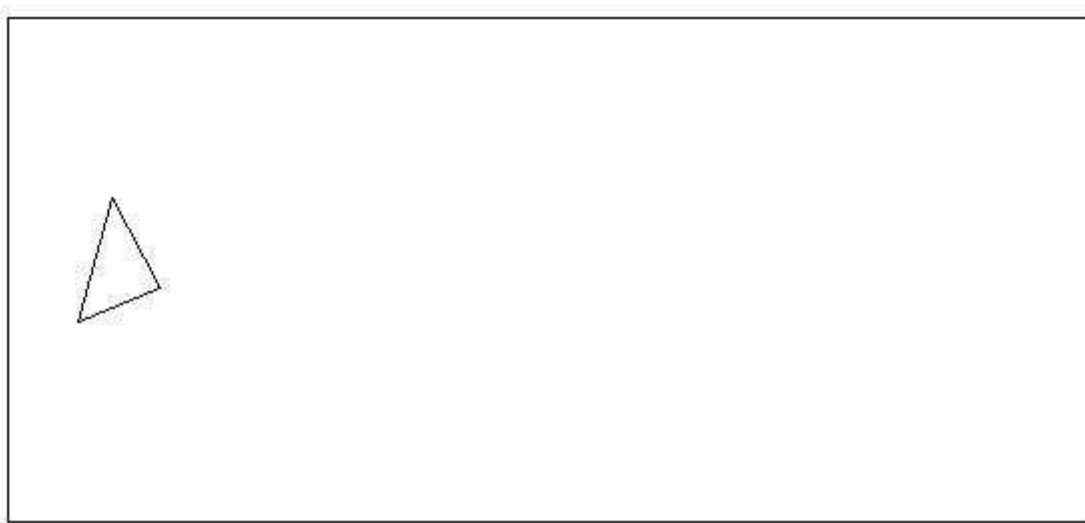
- **Azioni di verifica combinazione 9 (0.90 2.11 [m])**

$M_{xx}$	-2771.12	[kgm/m]	$M_{11}$	-4113.07	[kgm/m]
$M_y$	-2947.53	[kgm/m]	$M_{22}$	-1605.58	[kgm/m]
$M_{xy}$	-1250.64	[kgm/m]	$\alpha$	-27.96	[°]

- **Verifiche**

Cr=S/R	Posizione	Acciaio		Calcestruzzo		
		$\epsilon_x$ ‰	$\epsilon_y$ ‰	$\epsilon_{min}$ ‰	$\epsilon_{max}$ ‰	$\theta$ [°]
0.72	Estradosso	0.051	0.063	-0.115	-3.500	-43.10
	Intradosso	6.616	7.515	18.021	-0.160	46.79

## RELAZIONE SULLE FONDAZIONI



33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

4.5.3.2. Verifiche SLE Rare Flessione elemento nodi 1597 1647 1620

- Proprietà dei materiali

Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  3600.0 [kg/cm<sup>2</sup>]

Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰

## RELAZIONE SULLE FONDAZIONI

- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\varepsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  168.0 [kg/cm<sup>2</sup>]

- **Sezione**

- sezione 2 H=20.00 [cm]

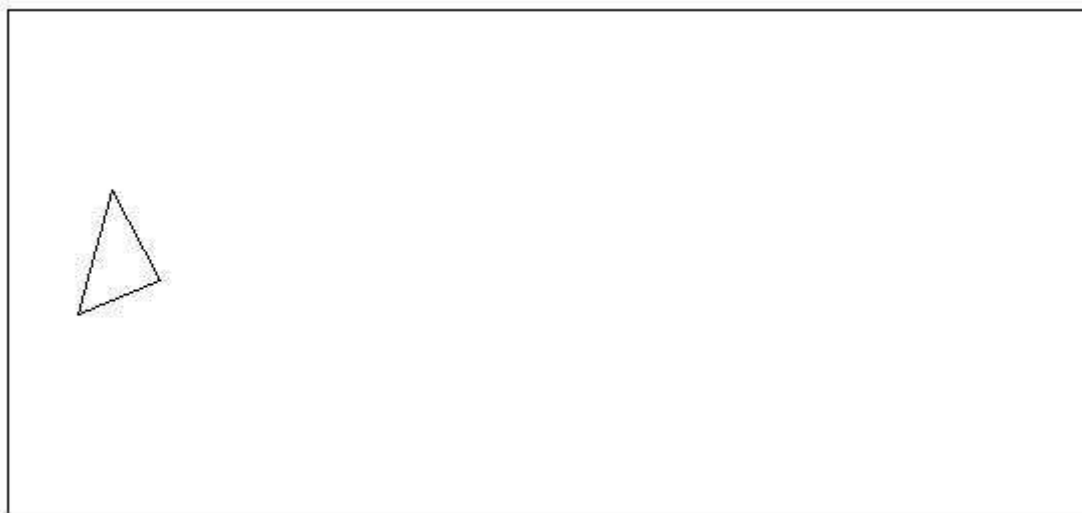
Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

- **Azioni di verifica combinazione 34 (0.90 2.11 [m])**

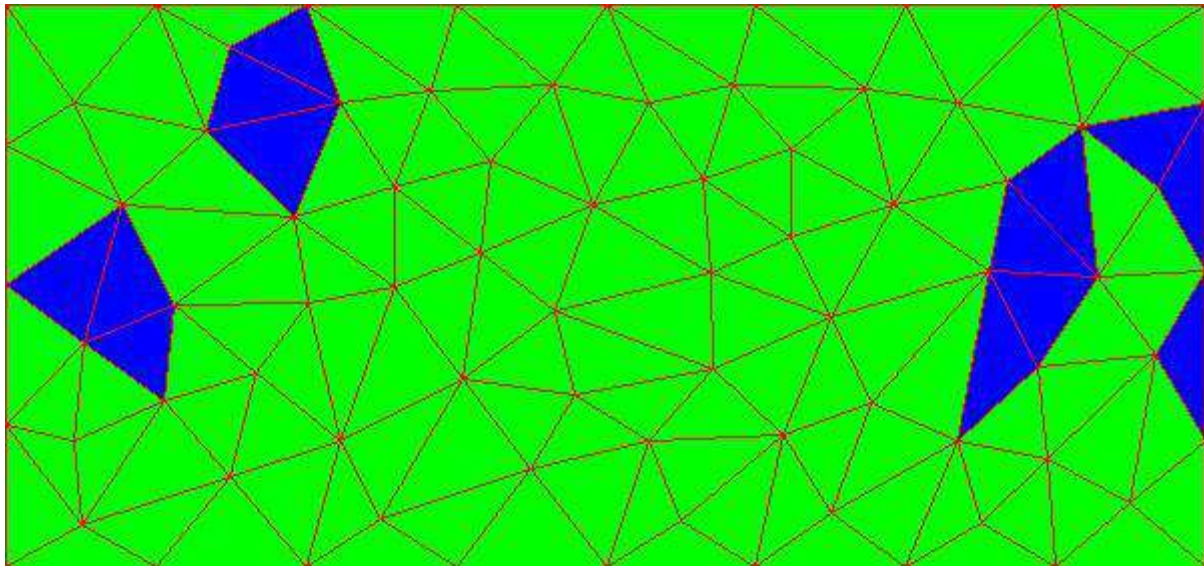
$M_{xx}$	-2044.81	[kgm/m]	$M_{11}$	-3023.12	[kgm/m]
$M_y$	-2164.22	[kgm/m]	$M_{22}$	-1185.91	[kgm/m]
$M_{xy}$	-916.66	[kgm/m]	$\alpha$	-28.11	[°]

- **Verifiche**

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.52	Estradosso	-189.8	-202.7	-86.9	-44.10		
	Intradosso	1459.5	1523.9	-4.6	45.61		



## RELAZIONE SULLE FONDAZIONI



33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

4.5.3.3. Verifiche SLE Frequenti Flessione elemento nodi 1597 1647 1620

- Proprietà dei materiali

Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  4500.0 [kg/cm<sup>2</sup>]

Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  280.0 [kg/cm<sup>2</sup>]

- Sezione

- sezione 2 H=20.00 [cm]

Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

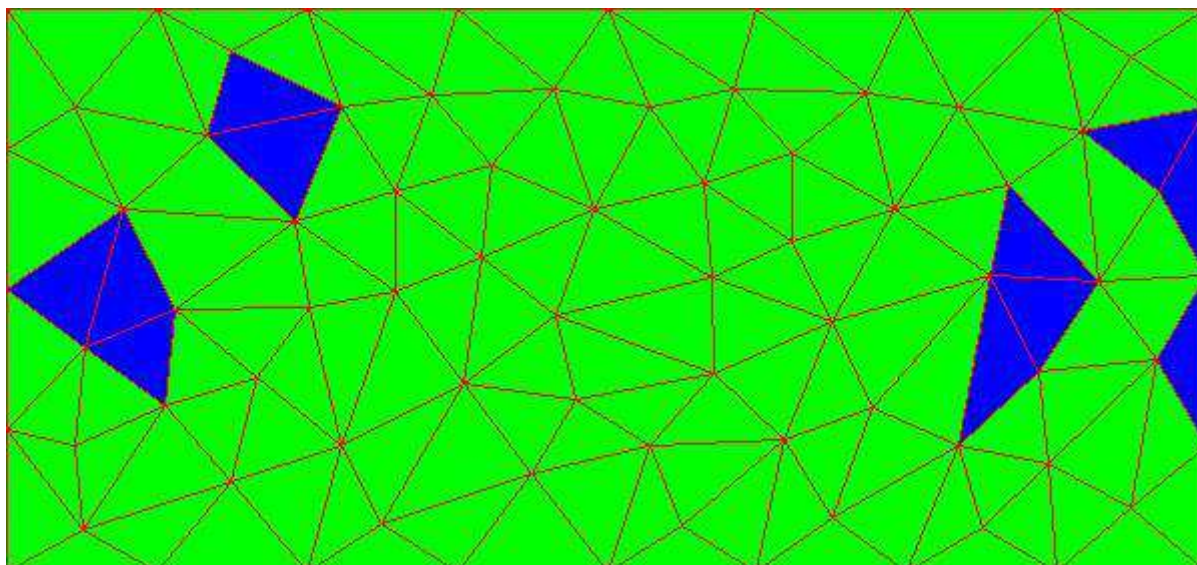
- Azioni di verifica combinazione 43 (0.90 2.11 [m])

$M_{xx}$	-2072.70	[kgm/m]	$M_{11}$	-2970.74	[kgm/m]
$M_y$	-2087.15	[kgm/m]	$M_{22}$	-1189.11	[kgm/m]
$M_{xy}$	-890.78	[kgm/m]	$\alpha$	-29.74	[°]

## RELAZIONE SULLE FONDAZIONI

## • Verifiche

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.51	Estradosso	-197.8	-199.4	-85.7	-44.89		
	Intradosso	1432.1	1439.8	-3.8	45.08		



33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

4.5.3.4. Verifiche SLE Quasi Permanenti Flessione elemento nodi 1597 1647 1620

## • Proprietà dei materiali

Acciaio B 450 C

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]
- $\epsilon_{ud}$  67.00 ‰
- $\epsilon_{yd}$  1.86 ‰
- $\sigma$  4500.0 [kg/cm<sup>2</sup>]

## RELAZIONE SULLE FONDAZIONI

Calcestruzzo C28/35

- $f_{cd}$  158.7 [kg/cm<sup>2</sup>]
- $\epsilon_{c2}$  -2.00 ‰
- $\epsilon_{cu}$  -3.50 ‰
- $f_{ctd}$  27.7 [kg/cm<sup>2</sup>]
- $\epsilon_{ctd}$  0.17 ‰
- $E_{cm}$  158666.7 [kg/cm<sup>2</sup>]
- $\sigma$  126.0 [kg/cm<sup>2</sup>]
- $w_{Max}$  0.30 mm

## • Sezione

- sezione 2 H=20.00 [cm]

Estradosso				Intradosso			
$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]	$Af_x$ [cm <sup>2</sup> ] / m	$cf_{x,Eq}$ [cm]	$Af_y$ [cm <sup>2</sup> ] / m	$cf_{y,Eq}$ [cm]
10.05	3.00	10.05	3.00	10.05	3.00	10.05	3.00

## • Azioni di verifica combinazione 44 (0.90 2.11 [m])

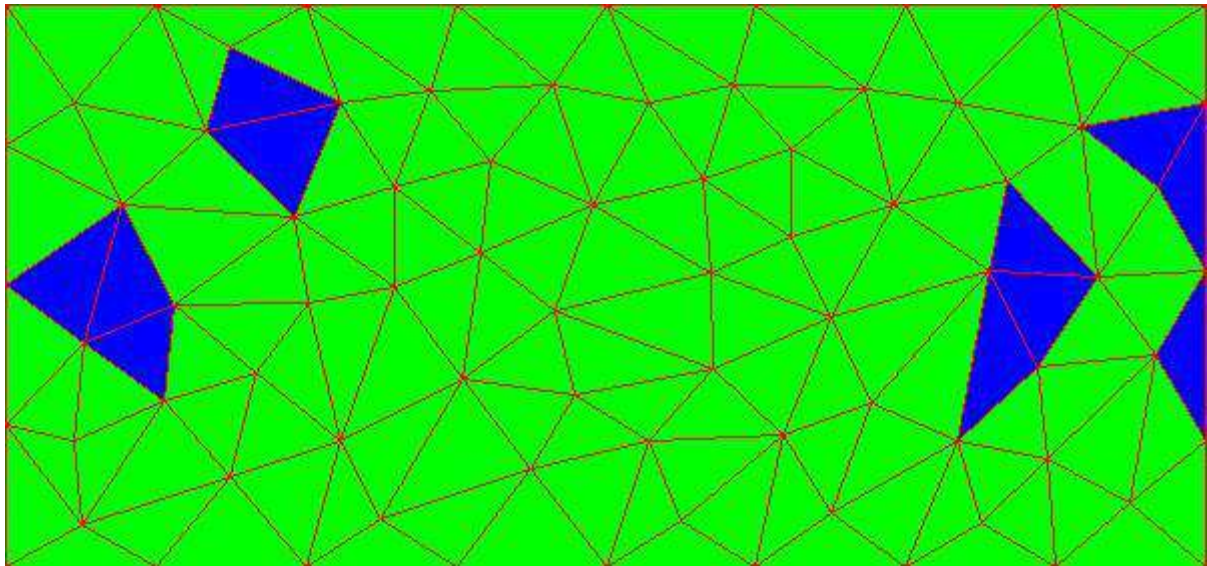
$M_{xx}$	-2001.95	[kgm/m]	$M_{11}$	-2866.34	[kgm/m]
$M_y$	-2014.84	[kgm/m]	$M_{22}$	-1150.45	[kgm/m]
$M_{xy}$	-857.92	[kgm/m]	$\alpha$	-29.76	[°]

## • Verifiche

Cr=S/R	Posizione	Acciaio		Calcestruzzo		Stato	Ampiezza Fessure mm
		$\sigma_x$ [kg/cm <sup>2</sup> ]	$\sigma_y$ [kg/cm <sup>2</sup> ]	$\sigma_{c,Max}$ [kg/cm <sup>2</sup> ]	$\theta$ [°]		
0.50	Estradosso	-200.3	-201.7	-82.5	-44.89	NON Fessurato	0.000
	Intradosso	1316.9	1323.8	-2.8	45.07	Fessurato	0.064



## RELAZIONE SULLE FONDAZIONI



33 %	66 %	100 %	1000 %	1004 %	1005 %	1006 %
------	------	-------	--------	--------	--------	--------

## 5. VERIFICA DEI PLINTI DI FONDAZIONE

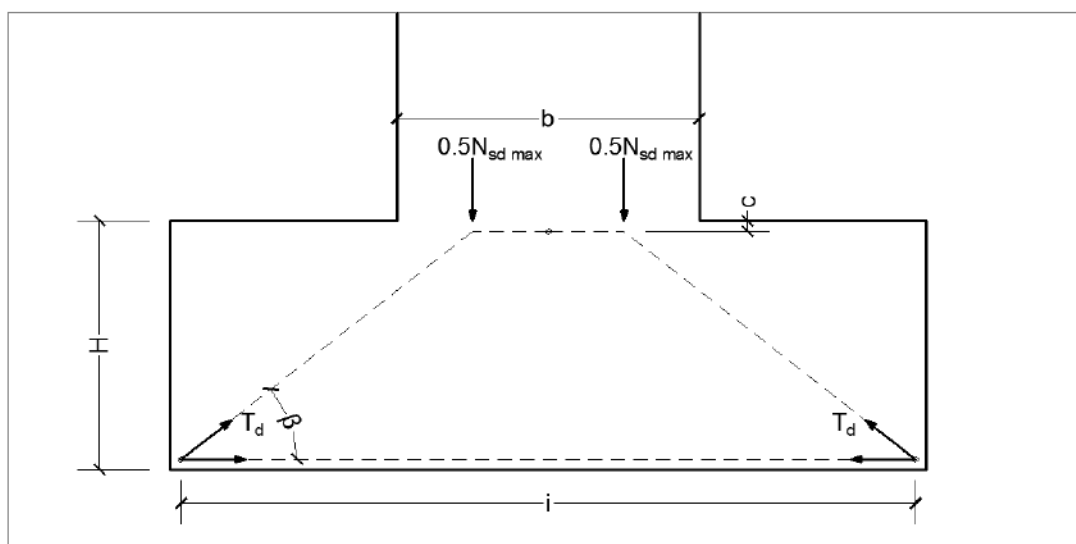
### PROGETTO DELLE ARMATURE DI UN PLINTO CON IL MECCANISMO PUNTONE-TIRANTE

Massimo sforzo assiale	$N_{sd\ max}$	=	346.9	kN
Copriferro	$c$	=	5	cm
Larghezza plinto	$L$	=	100	cm
Spessore plinto	$s$	=	60	cm
Resistenza di progetto dell'acciaio	$f_{yd}$	=	391.3	MPa
Inclinazione della biella	$\beta$	=	48	°
Trazione sull'armatura	$T_{sd\ max}$	=	312	kN
Armatura	$A_s$	=	7.98	cm <sup>2</sup>

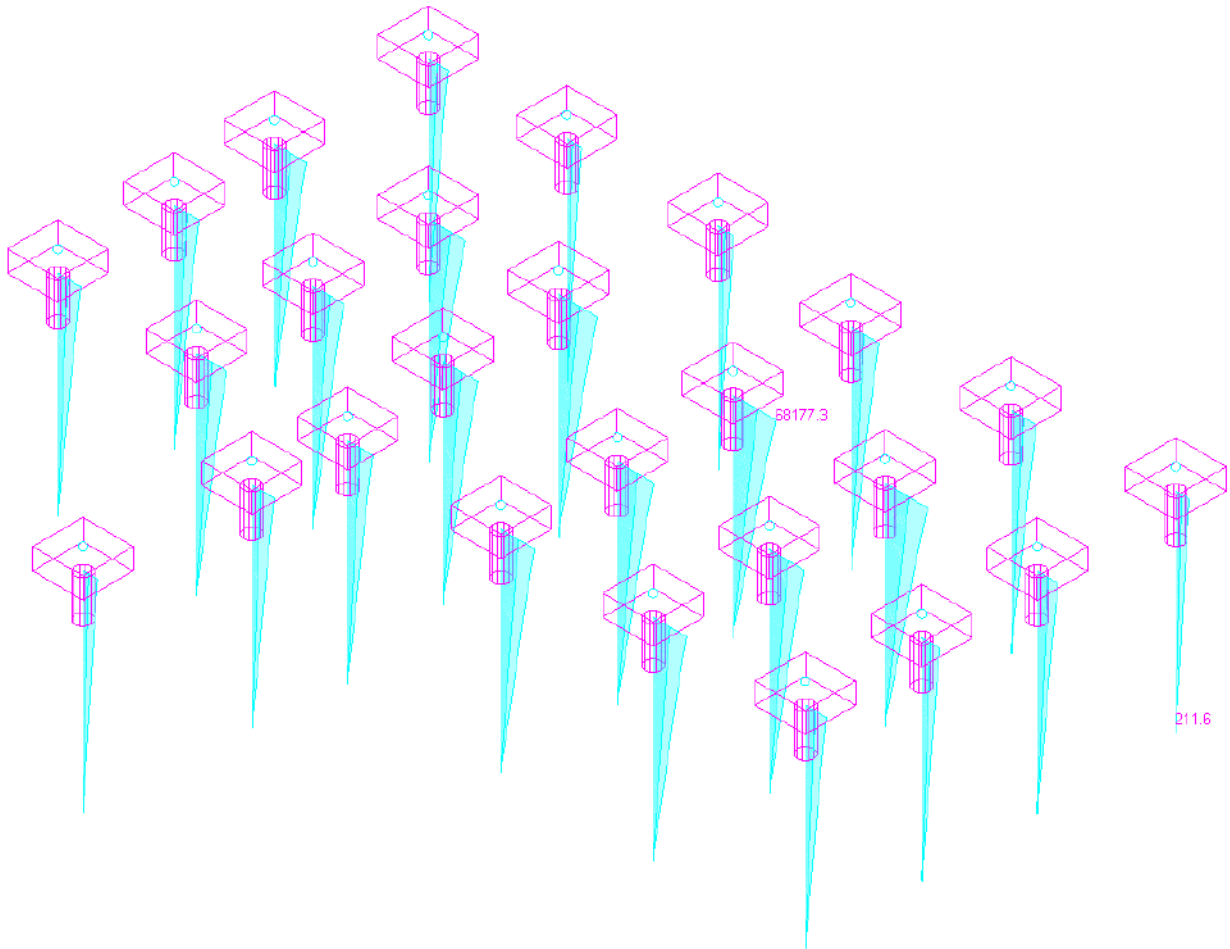
6

14

9.24



## 6. Verifiche pali



### 6.1. Modalità di verifica

Il comportamento del palo è caratterizzato definendo il suo funzionamento per attrito laterale, resistenza di punta e rigidità trasversale.

È possibile tenere conto dell'efficienza del palo isolato o del gruppo di pali, sia alle azioni orizzontali che verticali.

È possibile tenere conto della presenza di uno zoccolo rigido in sommità al palo o al gruppo di pali. Tale elemento influenza unicamente l'entità dei momenti di trasporto.

Le coordinate del centro del gruppo di pali possono essere coincidenti con il baricentro geometrico dei pali o fissate dall'utente.

La distanza minima di interferenza fra pali è misurata fra i centri ed è stabilita dall'Utente.

L'angolo di carico flessionale definisce la semiampiezza del cono di carico del palo nella direzione dello spostamento. Se non vi sono pali nel cono di carico a distanza inferiore alla distanza di interferenza minima il palo viene considerato isolato.

Viene condotta la verifica a presso/tensoflessione deviata dei pali in c.a. La verifica viene condotta in ciascuno dei conci in cui è diviso il fusto del palo.

Non viene condotta la verifica a taglio.

## RELAZIONE SULLE FONDAZIONI

**6.1.1. Dati Generali**

- Lunghezza dei pali 10.00 [m]
- Altezza dello zoccolo di fondazione 1.00 [m]
- Centro della palificata 0.00 0.00 [m]
- Efficienza assiale dei pali esterni 1
- Efficienza assiale dei pali interni 1
- Efficienza flessionale dei pali esterni 1
- Efficienza flessionale dei pali interni 1
- Angolo di carico flessionale 90.00 [°]
- Distanza d'interazione flessionale 3.00 [m]

**6.1.1.1. Sezione Circolare  $\phi 80$  10m D=80 [cm]**

- D 80 [cm]
- Circonferenza 251 [cm]
- Area 5026.55 [cm<sup>2</sup>]
- J 2010619 [cm<sup>4</sup>]
- Jt 4021239 [cm<sup>4</sup>]
- X 1.00

**6.1.1.2. Materiale**

- E 300000.0 [kg/cm<sup>2</sup>]
- $\nu$  0.12

**6.1.1.3. Dati relativi al terreno:****6.1.2. Dati per il calcolo della rigidezza assiale:****6.1.2.1. Variazione delle costanti di Winkler assiali con la profondità**

z [m]	kv [kg/cm <sup>3</sup> ]
0.00	3.0
5.00	3.0
12.00	8.0

NON c'è Rigidezza per punta

**6.1.3. Dati per il calcolo della rigidezza flessionale:****6.1.3.1. Variazione delle costanti di Winkler laterali con la profondità**

z [m]	kh [kg/cm <sup>3</sup> ]
0.00	2.0
5.00	2.0
12.00	4.0

**6.1.3.2. Dati relativi al progetto-verifica delle armature**

Calcestruzzo C 25/30:

- fcd 141.7 [kg/cm<sup>2</sup>]

## RELAZIONE SULLE FONDAZIONI

## Acciaio B 450 C:

- $f_{yd}$  3913.0 [kg/cm<sup>2</sup>]

## Criterio di verifica:

- Copriferro: 5.00 [cm]
- Numero minimo di barre: 10
- Numero massimo di barre: 10
- Diametri [mm]: 20

## 6.1.4. Geometria palificata:

Palo	x [m]	y [m]	Inclinazione xy [°]	Inclinazione vert. [°] [°]
1	0.00	0.00	0.00	0.00

## 6.1.5. Azioni di verifica:

Cond.	Commento	x [m]	y [m]	Px [kg]	Py [kg]	Pz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
1	nodo 1323 (1)			1988.8	3528.2	-20839.8	10889.4	-8091.2	-3.9
2	nodo 1323 (2)			2089.5	3301.5	-19829.7	10110.4	-8172.5	-7.5
3	nodo 1323 (3)			2082.3	3251.5	-19547.6	9923.7	-8148.8	-9.2
4	nodo 1323 (4)			1996.9	3440.1	-19862.7	10275.6	-8052.6	-6.1
5	nodo 1323 (5)			1965.4	3661.5	-20337.4	10714.8	-8037.9	-3.1
6	nodo 1323 (6)			1973.5	3395.8	-19565.8	10096.8	-8006.8	-7.5
7	nodo 1323 (7)			1964.2	3518.3	-20169.6	10521.5	-8026.0	-5.6
8	nodo 1323 (8)			2244.8	3569.7	-21914.3	11110.2	-8924.1	-8.2
9	nodo 1323 (9)			1965.2	3314.3	-19761.4	10259.3	-8005.3	-9.1
10	nodo 1323 (10)			2427.5	2935.9	-14553.1	8128.1	-7477.5	66.8
11	nodo 1323 (11)			2405.0	2205.1	-13804.1	7383.2	-7062.7	68.1
12	nodo 1323 (12)			3240.1	1795.5	-14206.2	6941.4	-8180.4	-39.9
13	nodo 1323 (13)			3217.6	1064.8	-13457.2	6196.5	-7765.6	-38.6
14	nodo 1323 (14)			1288.6	3659.3	-14170.5	8887.6	-6778.0	63.7
15	nodo 1323 (15)			463.0	3541.4	-13079.4	8790.0	-5652.6	51.6
16	nodo 1323 (16)			2505.0	2502.2	-13790.5	7692.4	-7221.8	-67.8
17	nodo 1323 (17)			1679.4	2384.4	-12699.4	7594.9	-6096.4	-79.8
18	nodo 1323 (18)			-324.7	2542.9	-10916.1	7802.9	-3726.2	26.5
19	nodo 1323 (19)			-347.2	1812.1	-10167.2	7058.0	-3311.4	27.8
20	nodo 1323 (20)			488.0	1402.6	-10569.2	6616.3	-4429.0	-80.2
21	nodo 1323 (21)			465.4	671.8	-9820.3	5871.4	-4014.2	-78.9
22	nodo 1323 (22)			1213.6	1223.3	-11673.9	6404.6	-5395.3	67.8
23	nodo 1323 (23)			387.9	1105.5	-10582.8	6307.0	-4269.9	55.7
24	nodo 1323 (24)			2430.0	66.3	-11293.9	5209.4	-5839.2	-63.7
25	nodo 1323 (25)			1604.3	-51.6	-10202.8	5111.9	-4713.8	-75.7
26	nodo 1323 (26)			1486.6	2552.6	-15518.1	8037.4	-6032.6	-3.4
27	nodo 1323 (27)			1553.7	2401.5	-14844.7	7518.0	-6086.8	-5.8
28	nodo 1323 (28)			1548.9	2368.1	-14656.6	7393.6	-6070.9	-6.9
29	nodo 1323 (29)			1492.0	2493.8	-14866.7	7628.2	-6006.9	-4.9
30	nodo 1323 (30)			1471.0	2641.4	-15183.1	7921.0	-5997.0	-2.9
31	nodo 1323 (31)			1476.4	2464.3	-14668.8	7509.0	-5976.3	-5.8
32	nodo 1323 (32)			1470.2	2546.0	-15071.3	7792.1	-5989.1	-4.5
33	nodo 1323 (33)			1657.3	2580.2	-16234.4	8184.5	-6587.9	-6.2
34	nodo 1323 (34)			1470.9	2410.0	-14799.1	7617.3	-5975.3	-6.9
35	nodo 1323 (35)			1453.7	1812.0	-14726.9	7122.6	-5836.2	-9.5
36	nodo 1323 (36)			1457.8	1993.6	-15605.1	7738.8	-5888.1	-6.3

## RELAZIONE SULLE FONDAZIONI

37	nodo 1323 (37)			1455.4	1976.9	-15511.1	7676.6	-5880.2	-6.8
38	nodo 1323 (38)			1427.0	2039.8	-15616.1	7793.9	-5848.1	-5.8
39	nodo 1323 (39)			1416.5	2113.6	-15774.3	7940.3	-5843.2	-4.8
40	nodo 1323 (40)			1419.2	2025.0	-15517.1	7734.3	-5832.9	-6.3
41	nodo 1323 (41)			1416.1	2065.8	-15718.4	7875.8	-5839.3	-5.6
42	nodo 1323 (42)			1483.5	2057.9	-16084.1	7978.0	-6044.1	-6.4
43	nodo 1323 (43)			1421.4	2001.2	-15605.7	7788.9	-5840.0	-6.6
44	nodo 1323 (44)			1431.3	2007.9	-15652.5	7789.9	-5855.1	-6.1
45	nodo 1318 (1)			-3192.9	3849.6	-24535.4	11999.3	10993.2	-19.2
46	nodo 1318 (2)			-3028.5	3642.9	-22892.6	11191.2	10664.8	-17.7
47	nodo 1318 (3)			-3020.0	3605.7	-22522.6	11005.7	10627.3	-18.8
48	nodo 1318 (4)			-3131.3	3746.2	-23068.8	11299.7	10818.0	-15.3
49	nodo 1318 (5)			-3195.4	3925.2	-23721.1	11690.9	10959.1	-13.6
50	nodo 1318 (6)			-3141.6	3709.5	-22708.2	11115.1	10812.7	-16.1
51	nodo 1318 (7)			-3186.4	3823.7	-23576.0	11558.0	10933.8	-17.3
52	nodo 1318 (8)			-3404.7	3959.0	-25370.5	12344.3	11867.0	-19.8
53	nodo 1318 (9)			-3158.6	3664.9	-23306.0	11343.0	10847.6	-19.3
54	nodo 1318 (10)			-1186.6	2388.8	-13394.9	8465.9	6209.1	53.6
55	nodo 1318 (11)			-1156.6	1740.9	-12727.2	7838.9	5685.1	51.4
56	nodo 1318 (12)			-305.5	2619.3	-12852.8	8551.8	5316.2	-56.0
57	nodo 1318 (13)			-275.5	1971.4	-12185.2	7924.7	4792.2	-58.2
58	nodo 1318 (14)			-2434.2	3155.3	-15417.4	9083.8	8077.8	58.9
59	nodo 1318 (15)			-3284.2	3157.6	-16416.6	9025.4	9269.3	50.6
60	nodo 1318 (16)			-1111.0	3370.2	-14719.7	9260.7	7450.3	-75.3
61	nodo 1318 (17)			-1961.0	3372.5	-15718.9	9202.3	8641.9	-83.5
62	nodo 1318 (18)			-4019.8	2396.6	-16725.6	8271.3	10180.8	26.2
63	nodo 1318 (19)			-3989.8	1748.7	-16058.0	7644.2	9656.8	24.0
64	nodo 1318 (20)			-3138.7	2627.1	-16183.5	8357.1	9287.9	-83.4
65	nodo 1318 (21)			-3108.7	1979.1	-15515.9	7730.1	8763.9	-85.6
66	nodo 1318 (22)			-2334.3	995.5	-13191.8	6993.7	6331.1	51.5
67	nodo 1318 (23)			-3184.3	997.8	-14191.1	6935.3	7522.7	43.3
68	nodo 1318 (24)			-1011.1	1210.3	-12494.2	7170.6	5703.7	-82.7
69	nodo 1318 (25)			-1861.1	1212.7	-13493.4	7112.2	6895.2	-90.9
70	nodo 1318 (26)			-2367.2	2809.0	-18284.3	8899.3	8160.6	-14.9
71	nodo 1318 (27)			-2257.6	2671.3	-17189.1	8360.6	7941.7	-13.9
72	nodo 1318 (28)			-2252.0	2646.4	-16942.5	8236.9	7916.7	-14.7
73	nodo 1318 (29)			-2326.1	2740.1	-17306.6	8432.9	8043.8	-12.3
74	nodo 1318 (30)			-2368.9	2859.5	-17741.4	8693.7	8137.9	-11.2
75	nodo 1318 (31)			-2333.1	2715.7	-17066.2	8309.9	8040.3	-12.9
76	nodo 1318 (32)			-2362.9	2791.8	-17644.7	8605.1	8121.0	-13.7
77	nodo 1318 (33)			-2508.4	2882.0	-18841.1	9129.3	8743.1	-15.4
78	nodo 1318 (34)			-2344.4	2685.9	-17464.7	8461.8	8063.6	-15.0
79	nodo 1318 (35)			-2238.5	2211.2	-17627.2	8234.7	7752.4	-21.0
80	nodo 1318 (36)			-2285.0	2376.9	-18844.4	8872.9	7902.0	-22.3
81	nodo 1318 (37)			-2282.2	2364.5	-18721.0	8811.0	7889.5	-22.7
82	nodo 1318 (38)			-2319.3	2411.4	-18903.1	8909.0	7953.1	-21.6
83	nodo 1318 (39)			-2340.7	2471.0	-19120.5	9039.4	8000.1	-21.0
84	nodo 1318 (40)			-2322.8	2399.1	-18782.9	8847.5	7951.3	-21.8
85	nodo 1318 (41)			-2337.7	2437.2	-19072.1	8995.1	7991.7	-22.2
86	nodo 1318 (42)			-2378.9	2451.5	-19437.5	9146.9	8185.1	-22.8
87	nodo 1318 (43)			-2324.2	2386.1	-18978.7	8924.3	7958.6	-22.7
88	nodo 1318 (44)			-2315.7	2389.9	-18971.8	8926.1	7949.8	-22.4
89	nodo 1317 (1)			2052.1	3328.4	-21605.0	10250.8	-8307.7	13.4
90	nodo 1317 (2)			2148.3	3205.4	-20507.5	9671.0	-8355.6	7.5
91	nodo 1317 (3)			2136.3	3190.6	-20211.0	9542.9	-8318.4	6.7
92	nodo 1317 (4)			2052.5	3303.4	-20509.9	9780.8	-8235.9	10.5

## RELAZIONE SULLE FONDAZIONI

93	nodo 1317 (5)			2021.8	3450.4	-20974.4	10102.8	-8225.1	14.9
94	nodo 1317 (6)			2022.4	3284.8	-20184.6	9645.5	-8179.1	10.5
95	nodo 1317 (7)			2019.3	3357.9	-20848.9	9974.7	-8219.6	13.1
96	nodo 1317 (8)			2309.3	3471.4	-22720.5	10652.6	-9125.0	7.3
97	nodo 1317 (9)			2017.8	3198.1	-20429.3	9722.8	-8202.4	9.0
98	nodo 1317 (10)			2438.9	1718.4	-14216.3	6673.8	-7414.7	61.9
99	nodo 1317 (11)			2398.2	974.9	-13375.1	5786.2	-6975.6	67.2
100	nodo 1317 (12)			3266.0	2440.6	-15383.0	7559.3	-8185.7	-51.4
101	nodo 1317 (13)			3225.4	1697.1	-14541.8	6671.7	-7746.6	-46.0
102	nodo 1317 (14)			1359.2	2647.4	-13986.2	7765.3	-6923.9	60.3
103	nodo 1317 (15)			568.0	2706.0	-13056.2	7818.9	-5957.8	54.1
104	nodo 1317 (16)			2594.5	3383.1	-15405.9	8663.6	-7446.6	-76.6
105	nodo 1317 (17)			1803.3	3441.7	-14475.8	8717.1	-6480.4	-82.8
106	nodo 1317 (18)			-198.4	1913.7	-11116.2	6852.2	-4194.1	41.3
107	nodo 1317 (19)			-239.0	1170.2	-10274.9	5964.7	-3755.1	46.6
108	nodo 1317 (20)			628.7	2635.9	-12282.9	7737.7	-4965.1	-72.0
109	nodo 1317 (21)			588.1	1892.3	-11441.6	6850.2	-4526.0	-66.7
110	nodo 1317 (22)			1223.7	169.0	-11182.1	4806.8	-5460.3	78.0
111	nodo 1317 (23)			432.5	227.6	-10252.1	4860.3	-4494.1	71.8
112	nodo 1317 (24)			2459.0	904.7	-12601.8	5705.1	-5983.0	-58.9
113	nodo 1317 (25)			1667.8	963.3	-11671.7	5758.6	-5016.8	-65.1
114	nodo 1317 (26)			1536.3	2419.6	-16113.9	7585.2	-6201.8	8.6
115	nodo 1317 (27)			1600.4	2337.5	-15382.2	7198.7	-6233.8	4.7
116	nodo 1317 (28)			1592.3	2327.7	-15184.5	7113.3	-6209.0	4.1
117	nodo 1317 (29)			1536.5	2402.9	-15383.8	7271.9	-6154.0	6.7
118	nodo 1317 (30)			1516.0	2500.9	-15693.5	7486.5	-6146.8	9.6
119	nodo 1317 (31)			1516.4	2390.5	-15166.9	7181.7	-6116.1	6.7
120	nodo 1317 (32)			1514.4	2439.2	-15609.8	7401.2	-6143.1	8.4
121	nodo 1317 (33)			1707.7	2514.8	-16857.5	7853.0	-6746.7	4.5
122	nodo 1317 (34)			1513.3	2332.7	-15330.0	7233.2	-6131.7	5.7
123	nodo 1317 (35)			1513.5	1822.8	-15493.2	6852.3	-6045.9	-3.9
124	nodo 1317 (36)			1524.3	1925.7	-16437.3	7320.3	-6119.6	0.1
125	nodo 1317 (37)			1520.2	1920.8	-16338.4	7277.7	-6107.3	-0.2
126	nodo 1317 (38)			1492.3	1958.4	-16438.1	7356.9	-6079.7	1.1
127	nodo 1317 (39)			1482.1	2007.4	-16592.9	7464.3	-6076.2	2.6
128	nodo 1317 (40)			1482.3	1952.2	-16329.7	7311.9	-6060.8	1.1
129	nodo 1317 (41)			1481.3	1976.5	-16551.1	7421.6	-6074.3	2.0
130	nodo 1317 (42)			1551.0	1987.1	-16947.0	7550.4	-6280.7	0.2
131	nodo 1317 (43)			1486.2	1926.4	-16437.9	7343.8	-6075.7	0.6
132	nodo 1317 (44)			1497.3	1932.5	-16491.2	7356.2	-6089.9	0.7
133	nodo 1316 (1)			-1833.5	4323.0	-30588.2	13980.9	5953.2	0.5
134	nodo 1316 (2)			-1667.4	4254.5	-29525.1	13550.2	5648.1	-4.5
135	nodo 1316 (3)			-1659.0	4256.2	-29304.6	13470.3	5609.9	-5.9
136	nodo 1316 (4)			-1764.9	4347.6	-29681.8	13670.1	5773.5	-1.3
137	nodo 1316 (5)			-1821.8	4475.1	-30098.5	13957.8	5881.2	2.6
138	nodo 1316 (6)			-1775.5	4345.1	-29467.1	13590.0	5759.3	-1.8
139	nodo 1316 (7)			-1820.3	4387.3	-30015.6	13826.3	5872.8	0.0
140	nodo 1316 (8)			-2030.1	4497.2	-31740.0	14447.6	6798.2	-5.4
141	nodo 1316 (9)			-1583.5	4438.3	-31312.7	14315.1	5015.0	-2.6
142	nodo 1316 (10)			-558.8	2000.6	-15247.2	8290.8	3922.6	58.2
143	nodo 1316 (11)			-563.2	1250.4	-14695.7	7473.8	3887.3	60.9
144	nodo 1316 (12)			202.9	3105.3	-15137.4	9522.5	3046.2	-53.0
145	nodo 1316 (13)			198.5	2355.2	-14585.8	8705.5	3010.9	-50.4
146	nodo 1316 (14)			-1627.1	2961.4	-17350.1	9306.4	5171.4	59.0
147	nodo 1316 (15)			-2385.2	3042.0	-18562.4	9363.5	6017.3	52.2
148	nodo 1316 (16)			-487.3	4083.1	-17149.9	10546.6	3853.5	-75.7

## RELAZIONE SULLE FONDAZIONI

149	nodo 1316 (17)			-1245.4	4163.7	-18362.1	10603.8	4699.4	-82.5
150	nodo 1316 (18)			-3085.7	2269.4	-19288.1	8481.2	6742.3	35.6
151	nodo 1316 (19)			-3090.2	1519.2	-18736.5	7664.2	6707.0	38.2
152	nodo 1316 (20)			-2324.0	3374.1	-19178.2	9712.9	5865.8	-75.7
153	nodo 1316 (21)			-2328.5	2624.0	-18626.7	8895.9	5830.5	-73.0
154	nodo 1316 (22)			-1641.8	460.8	-15511.8	6582.9	5053.7	67.7
155	nodo 1316 (23)			-2399.9	541.5	-16724.0	6640.1	5899.7	61.0
156	nodo 1316 (24)			-502.1	1582.5	-15311.5	7823.2	3735.9	-67.0
157	nodo 1316 (25)			-1260.2	1663.2	-16523.8	7880.3	4581.8	-73.8
158	nodo 1316 (26)			-1382.7	3138.9	-22650.4	10275.4	4510.7	-0.7
159	nodo 1316 (27)			-1272.0	3093.2	-21941.7	9988.3	4307.2	-4.0
160	nodo 1316 (28)			-1266.4	3094.4	-21794.6	9935.0	4281.8	-4.9
161	nodo 1316 (29)			-1337.0	3155.3	-22046.1	10068.2	4390.9	-1.8
162	nodo 1316 (30)			-1374.9	3240.3	-22323.9	10260.0	4462.6	0.8
163	nodo 1316 (31)			-1344.1	3153.7	-21903.0	10014.8	4381.4	-2.2
164	nodo 1316 (32)			-1373.9	3181.8	-22268.6	10172.4	4457.0	-1.0
165	nodo 1316 (33)			-1513.8	3255.0	-23418.3	10586.6	5074.0	-4.6
166	nodo 1316 (34)			-1216.1	3215.8	-23133.4	10498.2	3885.2	-2.7
167	nodo 1316 (35)			-1343.9	2490.9	-21750.4	9265.1	4435.7	-9.6
168	nodo 1316 (36)			-1389.7	2553.1	-22499.4	9616.0	4570.7	-6.7
169	nodo 1316 (37)			-1386.9	2553.6	-22425.9	9589.4	4558.0	-7.2
170	nodo 1316 (38)			-1422.2	2584.1	-22551.7	9656.0	4612.6	-5.6
171	nodo 1316 (39)			-1441.2	2626.6	-22690.6	9751.9	4648.4	-4.3
172	nodo 1316 (40)			-1425.8	2583.3	-22480.1	9629.3	4607.8	-5.8
173	nodo 1316 (41)			-1440.7	2597.3	-22662.9	9708.1	4645.6	-5.2
174	nodo 1316 (42)			-1480.7	2607.9	-23022.2	9824.1	4841.4	-6.7
175	nodo 1316 (43)			-1381.5	2594.8	-22927.2	9794.6	4445.2	-6.1
176	nodo 1316 (44)			-1421.0	2555.7	-22591.1	9641.8	4616.1	-6.1
177	nodo 1282 (1)			-1800.6	3438.4	-38270.5	10552.9	5781.6	11.8
178	nodo 1282 (2)			-1649.0	3287.5	-36771.1	10010.4	5510.0	7.1
179	nodo 1282 (3)			-1641.9	3255.0	-36414.1	9872.0	5479.4	5.4
180	nodo 1282 (4)			-1741.6	3404.4	-36892.2	10119.8	5630.2	9.9
181	nodo 1282 (5)			-1796.8	3587.3	-37491.8	10456.8	5734.8	14.2
182	nodo 1282 (6)			-1749.4	3374.0	-36543.7	9980.1	5617.1	8.6
183	nodo 1282 (7)			-1790.1	3460.8	-37351.0	10294.1	5715.4	10.9
184	nodo 1282 (8)			-1829.8	3579.3	-41107.0	11089.3	5988.1	7.3
185	nodo 1282 (9)			-1767.9	3266.8	-37060.2	10025.9	5655.2	6.4
186	nodo 1282 (10)			-466.8	2728.4	-21711.7	8204.0	3502.4	73.9
187	nodo 1282 (11)			-451.8	2032.1	-21162.9	7461.9	3114.0	73.7
188	nodo 1282 (12)			308.3	2144.5	-21068.7	7782.4	2855.1	-42.8
189	nodo 1282 (13)			323.3	1448.1	-20519.9	7040.3	2466.7	-43.0
190	nodo 1282 (14)			-1552.6	3329.8	-22914.8	8429.2	4801.0	75.6
191	nodo 1282 (15)			-2302.7	3119.0	-23298.7	7854.7	5641.6	65.6
192	nodo 1282 (16)			-391.3	2676.1	-22042.0	7948.2	4424.1	-67.3
193	nodo 1282 (17)			-1141.4	2465.3	-22425.8	7373.7	5264.7	-77.3
194	nodo 1282 (18)			-2967.2	2025.8	-22991.2	6288.9	6304.3	40.6
195	nodo 1282 (19)			-2952.2	1329.4	-22442.4	5546.8	5915.9	40.4
196	nodo 1282 (20)			-2192.1	1441.8	-22348.3	5867.3	5657.0	-76.1
197	nodo 1282 (21)			-2177.1	745.5	-21799.4	5125.3	5268.6	-76.3
198	nodo 1282 (22)			-1502.5	1008.6	-21085.3	5955.6	3506.3	74.9
199	nodo 1282 (23)			-2252.6	797.8	-21469.2	5381.1	4346.9	64.9
200	nodo 1282 (24)			-341.2	354.9	-20212.5	5474.5	3129.4	-68.0
201	nodo 1282 (25)			-1091.3	144.1	-20596.3	4900.0	3970.0	-78.0
202	nodo 1282 (26)			-1347.3	2485.3	-28414.4	7775.8	4341.7	7.7
203	nodo 1282 (27)			-1246.2	2384.7	-27414.8	7414.1	4160.6	4.6
204	nodo 1282 (28)			-1241.5	2363.0	-27176.8	7321.8	4140.2	3.4

## RELAZIONE SULLE FONDAZIONI

205	nodo 1282 (29)			-1308.0	2462.6	-27495.5	7487.0	4240.7	6.4
206	nodo 1282 (30)			-1344.7	2584.5	-27895.3	7711.7	4310.5	9.3
207	nodo 1282 (31)			-1313.1	2442.3	-27263.2	7393.9	4232.0	5.6
208	nodo 1282 (32)			-1340.3	2500.2	-27801.4	7603.3	4297.6	7.1
209	nodo 1282 (33)			-1366.8	2579.2	-30305.4	8133.4	4479.3	4.7
210	nodo 1282 (34)			-1325.5	2370.8	-27607.6	7424.5	4257.4	4.1
211	nodo 1282 (35)			-1289.7	1784.8	-27375.0	6912.1	4201.0	-3.4
212	nodo 1282 (36)			-1331.1	1915.0	-28522.4	7373.6	4320.3	0.2
213	nodo 1282 (37)			-1328.7	1904.2	-28403.4	7327.4	4310.1	-0.4
214	nodo 1282 (38)			-1362.0	1954.0	-28562.8	7410.0	4360.3	1.1
215	nodo 1282 (39)			-1380.3	2015.0	-28762.6	7522.4	4395.2	2.6
216	nodo 1282 (40)			-1364.5	1943.9	-28446.6	7363.5	4356.0	0.7
217	nodo 1282 (41)			-1378.1	1972.8	-28715.7	7468.2	4388.7	1.4
218	nodo 1282 (42)			-1380.8	1982.3	-29521.8	7622.7	4440.0	0.3
219	nodo 1282 (43)			-1367.1	1912.9	-28622.5	7386.3	4366.1	0.1
220	nodo 1282 (44)			-1359.7	1922.4	-28630.0	7401.5	4360.8	0.5
221	nodo 1265 (1)			1764.1	1971.3	-41953.4	5185.0	-7239.6	-1.4
222	nodo 1265 (2)			1831.7	1928.8	-40492.2	4997.4	-7208.1	-5.4
223	nodo 1265 (3)			1819.0	1932.8	-40104.8	4976.0	-7167.9	-7.0
224	nodo 1265 (4)			1748.1	2046.0	-40503.0	5132.1	-7121.2	-2.7
225	nodo 1265 (5)			1728.3	2174.3	-41089.8	5308.2	-7142.4	1.2
226	nodo 1265 (6)			1721.2	2055.0	-40097.6	5124.2	-7066.2	-3.7
227	nodo 1265 (7)			1726.0	2072.4	-40948.0	5204.9	-7130.7	-1.9
228	nodo 1265 (8)			1928.2	2054.9	-45238.6	5464.4	-7745.0	-5.9
229	nodo 1265 (9)			1726.0	1939.8	-40589.6	5119.8	-7114.9	-6.0
230	nodo 1265 (10)			2235.4	927.5	-25318.2	2573.2	-6558.6	63.2
231	nodo 1265 (11)			2215.1	333.4	-24680.0	2148.6	-6265.5	64.0
232	nodo 1265 (12)			2930.5	721.7	-25721.6	2185.1	-7068.6	-53.0
233	nodo 1265 (13)			2910.1	127.7	-25083.3	1760.4	-6775.5	-52.2
234	nodo 1265 (14)			1243.8	1820.3	-25140.2	3644.9	-6134.0	65.0
235	nodo 1265 (15)			522.1	1944.7	-24384.3	4092.9	-5406.8	56.5
236	nodo 1265 (16)			2285.5	1505.3	-25625.1	3149.5	-6480.3	-76.5
237	nodo 1265 (17)			1563.8	1629.7	-24869.2	3597.5	-5753.1	-85.0
238	nodo 1265 (18)			-170.4	1342.2	-22798.5	4066.4	-4134.5	35.0
239	nodo 1265 (19)			-190.7	748.1	-22160.3	3641.7	-3841.4	35.8
240	nodo 1265 (20)			524.7	1136.4	-23201.9	3678.3	-4644.5	-81.3
241	nodo 1265 (21)			504.3	542.4	-22563.6	3253.6	-4351.4	-80.4
242	nodo 1265 (22)			1176.0	-159.9	-23012.7	2229.4	-5156.9	67.8
243	nodo 1265 (23)			454.2	-35.5	-22256.8	2677.3	-4429.7	59.3
244	nodo 1265 (24)			2217.7	-474.9	-23497.5	1734.0	-5503.2	-73.8
245	nodo 1265 (25)			1495.9	-350.5	-22741.6	2181.9	-4776.0	-82.3
246	nodo 1265 (26)			1328.3	1395.9	-31161.0	3780.4	-5432.5	-2.1
247	nodo 1265 (27)			1373.3	1367.5	-30186.9	3655.3	-5411.5	-4.7
248	nodo 1265 (28)			1364.8	1370.2	-29928.6	3641.0	-5384.7	-5.8
249	nodo 1265 (29)			1317.6	1445.7	-30194.1	3745.1	-5353.6	-2.9
250	nodo 1265 (30)			1304.4	1531.2	-30585.3	3862.5	-5367.7	-0.3
251	nodo 1265 (31)			1299.7	1451.7	-29923.8	3739.9	-5316.9	-3.6
252	nodo 1265 (32)			1302.9	1463.2	-30490.8	3793.7	-5359.9	-2.4
253	nodo 1265 (33)			1437.7	1451.6	-33351.2	3966.7	-5769.4	-5.1
254	nodo 1265 (34)			1302.9	1374.9	-30251.8	3736.9	-5349.4	-5.1
255	nodo 1265 (35)			1309.9	772.0	-30074.2	3102.9	-5304.9	-11.8
256	nodo 1265 (36)			1332.5	800.8	-31291.7	3226.2	-5414.4	-8.9
257	nodo 1265 (37)			1328.3	802.2	-31162.5	3219.0	-5401.0	-9.5
258	nodo 1265 (38)			1304.7	839.9	-31295.3	3271.0	-5385.5	-8.0
259	nodo 1265 (39)			1298.1	882.7	-31490.9	3329.8	-5392.5	-6.7
260	nodo 1265 (40)			1295.7	842.9	-31160.1	3268.4	-5367.1	-8.4

## RELAZIONE SULLE FONDAZIONI

261	nodo 1265 (41)			1297.3	848.7	-31443.6	3295.3	-5388.6	-7.8
262	nodo 1265 (42)			1346.5	830.2	-32373.5	3336.0	-5527.7	-8.9
263	nodo 1265 (43)			1301.5	804.6	-31340.4	3259.4	-5387.7	-8.9
264	nodo 1265 (44)			1310.0	804.8	-31372.9	3244.4	-5396.3	-8.6
265	nodo 941 (1)			-1075.0	703.9	-66118.4	558.5	3129.8	3.9
266	nodo 941 (2)			-949.9	683.9	-61903.6	495.2	2920.7	-1.3
267	nodo 941 (3)			-957.7	692.1	-60840.5	506.7	2931.1	-3.1
268	nodo 941 (4)			-1048.9	848.5	-61868.8	779.3	3084.3	1.3
269	nodo 941 (5)			-1083.3	1019.9	-63316.9	1075.1	3145.5	5.6
270	nodo 941 (6)			-1072.9	863.0	-60803.5	804.7	3120.9	-0.1
271	nodo 941 (7)			-1091.2	869.2	-63135.7	824.2	3154.1	2.5
272	nodo 941 (8)			-1111.6	622.1	-68902.6	280.1	3322.8	-1.5
273	nodo 941 (9)			-1082.4	663.8	-62714.9	512.2	3109.8	-1.8
274	nodo 941 (10)			430.8	-214.1	-40136.4	-659.9	614.1	68.6
275	nodo 941 (11)			439.0	-1079.2	-40281.6	-2014.2	587.1	69.2
276	nodo 941 (12)			950.5	-347.3	-40309.2	-1297.0	-251.5	-45.9
277	nodo 941 (13)			958.7	-1212.3	-40454.4	-2651.3	-278.5	-45.4
278	nodo 941 (14)			-751.5	1352.2	-39576.6	1758.1	2343.3	69.2
279	nodo 941 (15)			-1622.5	1571.2	-39257.4	2172.7	3590.7	59.3
280	nodo 941 (16)			81.2	615.8	-39785.4	412.4	992.8	-70.9
281	nodo 941 (17)			-789.8	834.8	-39466.2	827.0	2240.2	-80.9
282	nodo 941 (18)			-2472.6	515.8	-39072.5	722.1	4772.1	35.4
283	nodo 941 (19)			-2464.4	-349.2	-39217.7	-632.2	4745.1	35.9
284	nodo 941 (20)			-1952.9	382.7	-39245.2	85.0	3906.5	-79.1
285	nodo 941 (21)			-1944.7	-482.3	-39390.4	-1269.3	3879.5	-78.6
286	nodo 941 (22)			-724.1	-1531.3	-40060.6	-2756.2	2253.4	70.9
287	nodo 941 (23)			-1595.1	-1312.3	-39741.4	-2341.6	3500.8	61.0
288	nodo 941 (24)			108.5	-2267.6	-40269.4	-4101.9	902.9	-69.2
289	nodo 941 (25)			-762.5	-2048.7	-39950.2	-3687.3	2150.3	-79.2
290	nodo 941 (26)			-800.8	430.6	-49380.7	265.1	2336.2	1.9
291	nodo 941 (27)			-717.4	417.3	-46570.9	223.0	2196.8	-1.5
292	nodo 941 (28)			-722.6	422.7	-45862.1	230.6	2203.7	-2.8
293	nodo 941 (29)			-783.4	527.0	-46547.6	412.4	2305.9	0.2
294	nodo 941 (30)			-806.3	641.3	-47513.1	609.5	2346.7	3.1
295	nodo 941 (31)			-799.4	536.6	-45837.5	429.3	2330.3	-0.7
296	nodo 941 (32)			-811.6	540.8	-47392.3	442.3	2352.4	1.0
297	nodo 941 (33)			-825.2	376.0	-51236.9	79.6	2464.9	-1.7
298	nodo 941 (34)			-805.7	403.8	-47111.7	234.3	2322.8	-1.9
299	nodo 941 (35)			-787.1	-408.6	-48886.0	-1113.2	2276.2	-7.8
300	nodo 941 (36)			-792.0	-394.2	-52229.1	-1075.4	2289.2	-3.8
301	nodo 941 (37)			-794.6	-391.5	-51874.7	-1071.6	2292.7	-4.4
302	nodo 941 (38)			-825.0	-339.4	-52217.5	-980.7	2343.8	-2.9
303	nodo 941 (39)			-836.5	-282.2	-52700.2	-882.1	2364.2	-1.5
304	nodo 941 (40)			-833.0	-334.6	-51862.4	-972.2	2356.0	-3.4
305	nodo 941 (41)			-839.1	-332.5	-52639.8	-965.7	2367.0	-2.6
306	nodo 941 (42)			-838.2	-407.4	-53875.9	-1120.8	2395.2	-3.7
307	nodo 941 (43)			-831.7	-398.2	-52500.9	-1069.3	2347.9	-3.8
308	nodo 941 (44)			-822.6	-392.6	-52503.5	-1068.3	2339.2	-3.4
309	nodo 938 (1)			218.9	1021.4	-67437.5	1718.9	-1575.5	8.6
310	nodo 938 (2)			373.5	961.4	-62213.2	1474.1	-1892.3	3.2
311	nodo 938 (3)			374.1	960.2	-60914.6	1436.2	-1913.0	1.2
312	nodo 938 (4)			277.5	1107.8	-62206.3	1716.4	-1740.4	5.7
313	nodo 938 (5)			232.7	1281.7	-63990.0	2057.9	-1641.3	9.9
314	nodo 938 (6)			262.0	1109.9	-60916.0	1685.7	-1735.4	4.1
315	nodo 938 (7)			226.5	1142.2	-63780.5	1817.7	-1639.1	6.8
316	nodo 938 (8)			332.1	941.4	-69379.8	1406.1	-1927.8	3.6

## RELAZIONE SULLE FONDAZIONI

317	nodo 938 (9)			236.8	942.7	-63337.0	1485.9	-1689.7	2.8
318	nodo 938 (10)			1292.3	601.3	-40239.5	1086.1	-2515.5	70.4
319	nodo 938 (11)			1295.5	-240.1	-40494.3	-234.2	-2526.2	71.6
320	nodo 938 (12)			1781.8	270.2	-40219.4	685.1	-3270.7	-42.7
321	nodo 938 (13)			1785.1	-571.2	-40474.2	-635.2	-3281.4	-41.5
322	nodo 938 (14)			182.5	1540.6	-40232.8	2525.6	-1050.4	70.4
323	nodo 938 (15)			-639.1	1496.2	-40480.3	2393.0	16.3	60.8
324	nodo 938 (16)			966.5	1190.4	-40209.0	2017.1	-2222.1	-67.9
325	nodo 938 (17)			144.9	1145.9	-40456.5	1884.5	-1155.4	-77.5
326	nodo 938 (18)			-1446.7	453.1	-41064.4	644.1	1040.1	38.3
327	nodo 938 (19)			-1443.4	-388.2	-41319.2	-676.2	1029.4	39.4
328	nodo 938 (20)			-957.2	122.1	-41044.3	243.2	284.9	-74.9
329	nodo 938 (21)			-953.9	-719.3	-41299.1	-1077.2	274.2	-73.7
330	nodo 938 (22)			193.5	-1263.9	-41082.1	-1875.6	-1085.9	74.3
331	nodo 938 (23)			-628.2	-1308.4	-41329.6	-2008.2	-19.2	64.6
332	nodo 938 (24)			977.5	-1614.2	-41058.3	-2384.0	-2257.6	-64.0
333	nodo 938 (25)			155.8	-1658.7	-41305.7	-2516.6	-1190.9	-73.7
334	nodo 938 (26)			164.7	674.3	-50394.2	1146.5	-1174.9	5.5
335	nodo 938 (27)			267.8	634.3	-46911.4	983.3	-1386.1	1.9
336	nodo 938 (28)			268.2	633.5	-46045.6	958.0	-1399.8	0.6
337	nodo 938 (29)			203.8	732.0	-46906.7	1144.8	-1284.8	3.6
338	nodo 938 (30)			173.9	847.9	-48095.9	1372.4	-1218.7	6.4
339	nodo 938 (31)			193.4	733.4	-46046.6	1124.3	-1281.4	2.5
340	nodo 938 (32)			169.8	754.9	-47956.3	1212.3	-1217.2	4.3
341	nodo 938 (33)			240.2	621.0	-51689.1	937.9	-1409.7	2.2
342	nodo 938 (34)			176.6	621.9	-47660.6	991.1	-1251.0	1.7
343	nodo 938 (35)			143.6	-110.4	-50133.0	-129.4	-1108.5	-3.5
344	nodo 938 (36)			112.9	-58.6	-54234.0	72.8	-1000.6	0.7
345	nodo 938 (37)			113.1	-59.0	-53801.2	60.1	-1007.4	0.1
346	nodo 938 (38)			80.9	-9.8	-54231.7	153.5	-949.9	1.6
347	nodo 938 (39)			66.0	48.2	-54826.3	267.4	-916.9	3.0
348	nodo 938 (40)			75.8	-9.1	-53801.6	143.3	-948.2	1.0
349	nodo 938 (41)			64.0	1.7	-54756.5	187.3	-916.1	1.9
350	nodo 938 (42)			93.1	-62.1	-55943.4	62.4	-990.2	1.0
351	nodo 938 (43)			71.9	-61.8	-54600.6	80.1	-937.3	0.8
352	nodo 938 (44)			81.0	-55.7	-54584.4	86.8	-945.8	1.1
353	nodo 935 (1)			254.2	1999.1	-59560.2	5438.4	-1656.4	4.6
354	nodo 935 (2)			373.6	1267.7	-53425.2	2620.6	-1839.1	2.5
355	nodo 935 (3)			367.0	1103.7	-51884.3	1947.0	-1833.1	1.5
356	nodo 935 (4)			284.4	1386.7	-53434.9	2809.0	-1713.5	4.6
357	nodo 935 (5)			252.1	1766.5	-55583.7	3988.5	-1660.7	7.3
358	nodo 935 (6)			259.9	1220.4	-51873.6	2133.8	-1678.8	4.4
359	nodo 935 (7)			243.7	1627.1	-55288.7	3690.8	-1652.8	5.0
360	nodo 935 (8)			358.8	1390.8	-59772.2	3081.0	-1964.9	2.1
361	nodo 935 (9)			223.3	1399.8	-54391.6	3185.8	-1596.2	2.4
362	nodo 935 (10)			1325.8	842.3	-37117.3	3471.7	-2617.0	64.0
363	nodo 935 (11)			1316.7	-12.3	-36807.5	2184.1	-2592.6	67.5
364	nodo 935 (12)			1786.1	1677.8	-37404.3	4764.8	-3272.7	-39.6
365	nodo 935 (13)			1777.0	823.2	-37094.5	3477.2	-3248.3	-36.1
366	nodo 935 (14)			256.3	1897.6	-37135.4	5029.1	-1271.8	59.3
367	nodo 935 (15)			-547.9	1953.1	-36868.4	5080.9	-256.6	48.8
368	nodo 935 (16)			1000.5	2746.2	-37486.0	6332.8	-2305.8	-67.8
369	nodo 935 (17)			196.3	2801.6	-37219.0	6384.6	-1290.6	-78.3
370	nodo 935 (18)			-1354.7	1027.3	-36227.4	3644.5	767.0	28.8
371	nodo 935 (19)			-1363.9	172.6	-35917.6	2356.9	791.4	32.4
372	nodo 935 (20)			-894.5	1862.8	-36514.4	4937.6	111.3	-74.7

## RELAZIONE SULLE FONDAZIONI

373	nodo 935 (21)			-903.6	1008.1	-36204.6	3650.0	135.7	-71.2
374	nodo 935 (22)			225.9	-951.2	-36102.8	737.1	-1190.7	71.1
375	nodo 935 (23)			-578.2	-895.7	-35835.9	788.9	-175.5	60.5
376	nodo 935 (24)			970.1	-102.7	-36453.5	2040.8	-2224.7	-56.0
377	nodo 935 (25)			165.9	-47.2	-36186.5	2092.6	-1209.5	-66.6
378	nodo 935 (26)			192.9	1435.5	-44595.0	4021.2	-1242.1	2.6
379	nodo 935 (27)			272.5	947.9	-40504.9	2142.7	-1363.9	1.2
380	nodo 935 (28)			268.1	838.6	-39477.7	1693.6	-1359.9	0.5
381	nodo 935 (29)			213.1	1027.3	-40511.4	2268.3	-1280.2	2.6
382	nodo 935 (30)			191.5	1280.5	-41943.9	3054.6	-1245.0	4.4
383	nodo 935 (31)			196.7	916.4	-39470.5	1818.2	-1257.1	2.4
384	nodo 935 (32)			185.9	1187.5	-41747.3	2856.2	-1239.7	2.8
385	nodo 935 (33)			262.6	1030.0	-44736.3	2449.6	-1447.8	0.9
386	nodo 935 (34)			172.3	1036.0	-41149.2	2519.5	-1202.0	1.1
387	nodo 935 (35)			174.9	892.5	-44520.2	3467.2	-1191.5	-5.4
388	nodo 935 (36)			167.4	1475.1	-49380.5	5700.1	-1169.7	-4.0
389	nodo 935 (37)			165.2	1420.4	-48866.8	5475.5	-1167.7	-4.4
390	nodo 935 (38)			137.7	1514.7	-49383.7	5762.9	-1127.8	-3.3
391	nodo 935 (39)			126.9	1641.3	-50100.0	6156.0	-1110.2	-2.4
392	nodo 935 (40)			129.5	1459.3	-48863.3	5537.8	-1116.2	-3.4
393	nodo 935 (41)			124.1	1594.8	-50001.6	6056.8	-1107.6	-3.2
394	nodo 935 (42)			154.6	1518.1	-50924.5	5863.7	-1183.9	-4.0
395	nodo 935 (43)			124.5	1520.1	-49728.8	5887.0	-1102.0	-4.0
396	nodo 935 (44)			138.9	1522.1	-49781.4	5884.1	-1128.5	-3.8
397	nodo 931 (1)			3828.9	68.0	-33068.9	-1793.4	-14848.7	13.1
398	nodo 931 (2)			3778.7	645.5	-30168.3	385.5	-14411.8	4.8
399	nodo 931 (3)			3732.4	797.0	-29418.2	941.3	-14258.8	2.1
400	nodo 931 (4)			3693.9	798.6	-30143.1	601.6	-14298.9	7.2
401	nodo 931 (5)			3718.5	755.5	-31190.7	66.6	-14455.5	12.7
402	nodo 931 (6)			3633.6	956.1	-29383.3	1166.2	-14128.1	5.0
403	nodo 931 (7)			3704.5	635.4	-31014.9	-39.4	-14424.3	9.3
404	nodo 931 (8)			4138.6	521.6	-33542.9	-51.7	-15921.8	5.4
405	nodo 931 (9)			3683.9	496.4	-30625.0	-62.3	-14360.2	4.7
406	nodo 931 (10)			3904.7	378.7	-21693.8	-1258.8	-12133.6	75.6
407	nodo 931 (11)			3914.4	-482.5	-21407.0	-2471.1	-12408.5	75.6
408	nodo 931 (12)			4358.2	-966.7	-21532.9	-3176.4	-12519.4	-37.7
409	nodo 931 (13)			4367.9	-1827.8	-21246.1	-4388.8	-12794.3	-37.7
410	nodo 931 (14)			2783.5	1229.0	-21119.3	-45.6	-10620.6	76.0
411	nodo 931 (15)			1955.8	1088.3	-20340.2	-226.9	-9524.6	65.3
412	nodo 931 (16)			3525.3	-136.1	-20958.8	-1984.1	-10833.8	-63.1
413	nodo 931 (17)			2697.7	-276.9	-20179.8	-2165.5	-9737.8	-73.8
414	nodo 931 (18)			1145.8	-90.5	-19097.1	-1863.4	-8480.5	39.9
415	nodo 931 (19)			1155.6	-951.6	-18810.3	-3075.7	-8755.4	39.9
416	nodo 931 (20)			1599.3	-1435.9	-18936.2	-3781.0	-8866.2	-73.4
417	nodo 931 (21)			1609.1	-2297.0	-18649.4	-4993.4	-9141.1	-73.4
418	nodo 931 (22)			2816.1	-1641.5	-20163.4	-4086.7	-11536.9	76.0
419	nodo 931 (23)			1988.4	-1782.2	-19384.4	-4268.0	-10441.0	65.3
420	nodo 931 (24)			3557.9	-3006.6	-20002.9	-6025.2	-11750.1	-63.1
421	nodo 931 (25)			2730.3	-3147.4	-19223.9	-6206.6	-10654.1	-73.8
422	nodo 931 (26)			2858.9	-61.2	-24735.5	-1542.9	-11081.1	8.9
423	nodo 931 (27)			2825.5	323.8	-22801.7	-90.3	-10789.8	3.4
424	nodo 931 (28)			2794.6	424.8	-22301.7	280.2	-10687.8	1.5
425	nodo 931 (29)			2768.9	425.8	-22784.9	53.7	-10714.5	5.0
426	nodo 931 (30)			2785.3	397.1	-23483.3	-302.9	-10818.9	8.6
427	nodo 931 (31)			2728.7	530.8	-22278.4	430.1	-10600.6	3.4
428	nodo 931 (32)			2776.0	317.0	-23366.1	-373.6	-10798.1	6.3

## RELAZIONE SULLE FONDAZIONI

429	nodo 931 (33)			3065.4	241.2	-25051.5	-381.8	-11796.4	3.8
430	nodo 931 (34)			2762.2	224.3	-23106.2	-388.9	-10755.4	3.3
431	nodo 931 (35)			2802.6	-975.3	-24488.6	-3092.3	-10885.8	-0.6
432	nodo 931 (36)			2922.3	-1428.1	-26835.6	-4808.6	-11333.0	6.1
433	nodo 931 (37)			2906.8	-1377.6	-26585.6	-4623.3	-11282.0	5.2
434	nodo 931 (38)			2894.0	-1377.1	-26827.2	-4736.6	-11295.3	6.9
435	nodo 931 (39)			2902.2	-1391.4	-27176.4	-4914.9	-11347.5	8.7
436	nodo 931 (40)			2873.9	-1324.6	-26574.0	-4548.4	-11238.4	6.1
437	nodo 931 (41)			2897.6	-1431.5	-27117.8	-4950.2	-11337.1	7.6
438	nodo 931 (42)			2997.0	-1468.6	-27644.8	-4954.0	-11670.0	6.4
439	nodo 931 (43)			2896.0	-1474.2	-26996.4	-4956.3	-11323.0	6.2
440	nodo 931 (44)			2906.6	-1467.0	-27013.5	-4953.3	-11337.5	6.6
441	nodo 927 (1)			-2514.3	296.2	-58896.5	-873.3	8442.0	10.4
442	nodo 927 (2)			-2340.1	589.9	-57057.0	116.0	8057.1	4.4
443	nodo 927 (3)			-2335.6	679.1	-56612.5	387.5	8022.1	2.4
444	nodo 927 (4)			-2434.0	722.2	-57054.5	334.6	8200.5	6.9
445	nodo 927 (5)			-2480.5	759.6	-57648.1	224.4	8305.5	11.2
446	nodo 927 (6)			-2446.7	810.0	-56623.6	600.9	8193.8	5.5
447	nodo 927 (7)			-2491.4	652.2	-57608.2	66.8	8323.9	8.3
448	nodo 927 (8)			-2653.4	518.2	-63142.2	-139.3	9018.6	5.0
449	nodo 927 (9)			-2489.5	493.5	-57584.4	-162.6	8301.2	4.5
450	nodo 927 (10)			-360.8	-412.5	-34021.9	-1279.9	3987.0	71.1
451	nodo 927 (11)			-583.1	-1326.4	-34411.1	-2863.5	4349.7	74.1
452	nodo 927 (12)			-49.7	-9.3	-33825.8	-1047.0	3427.9	-41.9
453	nodo 927 (13)			-271.9	-923.2	-34214.9	-2630.7	3790.7	-38.9
454	nodo 927 (14)			-1064.4	668.0	-34238.7	218.0	5027.7	68.7
455	nodo 927 (15)			-1953.1	672.8	-34796.0	46.5	6345.8	58.8
456	nodo 927 (16)			-900.9	1053.8	-34001.5	750.1	4616.3	-69.5
457	nodo 927 (17)			-1789.6	1058.6	-34558.8	578.6	5934.3	-79.4
458	nodo 927 (18)			-3322.9	-396.5	-35879.7	-1851.6	8380.5	38.2
459	nodo 927 (19)			-3545.2	-1310.4	-36268.8	-3435.2	8743.2	41.2
460	nodo 927 (20)			-3011.8	6.7	-35683.6	-1618.7	7821.4	-74.9
461	nodo 927 (21)			-3234.1	-907.2	-36072.7	-3202.4	8184.1	-71.9
462	nodo 927 (22)			-1805.3	-2378.3	-35535.8	-5060.8	6236.8	78.6
463	nodo 927 (23)			-2694.0	-2373.4	-36093.1	-5232.3	7554.8	68.7
464	nodo 927 (24)			-1641.8	-1992.5	-35298.6	-4528.7	5825.4	-59.6
465	nodo 927 (25)			-2530.4	-1987.7	-35855.9	-4700.2	7143.4	-69.4
466	nodo 927 (26)			-1875.9	124.2	-43937.3	-831.2	6304.2	6.9
467	nodo 927 (27)			-1759.8	319.9	-42711.0	-171.7	6047.5	2.9
468	nodo 927 (28)			-1756.8	379.4	-42414.6	9.3	6024.3	1.6
469	nodo 927 (29)			-1822.4	408.2	-42709.3	-25.9	6143.2	4.5
470	nodo 927 (30)			-1853.4	433.1	-43105.0	-99.4	6213.1	7.4
471	nodo 927 (31)			-1830.8	466.7	-42422.0	151.6	6138.7	3.6
472	nodo 927 (32)			-1860.6	361.5	-43078.4	-204.5	6225.4	5.5
473	nodo 927 (33)			-1968.6	272.2	-46767.8	-341.9	6688.6	3.3
474	nodo 927 (34)			-1859.4	255.7	-43062.6	-357.4	6210.3	3.0
475	nodo 927 (35)			-1863.1	-668.7	-43200.1	-2239.0	6243.3	-1.8
476	nodo 927 (36)			-1906.6	-894.4	-44611.3	-3005.8	6397.0	2.7
477	nodo 927 (37)			-1905.1	-864.6	-44463.1	-2915.3	6385.4	2.0
478	nodo 927 (38)			-1937.9	-850.3	-44610.4	-2932.9	6444.9	3.5
479	nodo 927 (39)			-1953.4	-837.8	-44808.3	-2969.6	6479.8	4.9
480	nodo 927 (40)			-1942.1	-821.0	-44466.8	-2844.1	6442.6	3.0
481	nodo 927 (41)			-1957.0	-873.6	-44795.0	-3022.2	6486.0	4.0
482	nodo 927 (42)			-1987.5	-917.2	-46007.3	-3085.4	6631.1	2.9
483	nodo 927 (43)			-1951.1	-922.7	-44772.2	-3090.6	6471.7	2.8
484	nodo 927 (44)			-1940.4	-915.2	-44742.5	-3074.4	6458.2	3.1

## RELAZIONE SULLE FONDAZIONI

485	nodo 894 (1)			-1865.7	-259.1	-50479.5	-2748.1	6102.2	13.4
486	nodo 894 (2)			-1767.8	-185.8	-48030.0	-2663.5	5996.0	8.2
487	nodo 894 (3)			-1775.0	-150.4	-47451.7	-2620.2	6002.2	6.9
488	nodo 894 (4)			-1846.8	-88.2	-48138.5	-2527.0	6085.2	11.4
489	nodo 894 (5)			-1859.2	9.7	-49150.0	-2345.2	6067.7	15.3
490	nodo 894 (6)			-1847.8	-39.9	-47760.5	-2421.4	6032.7	10.9
491	nodo 894 (7)			-1885.6	-95.9	-48842.2	-2542.1	6139.2	12.9
492	nodo 894 (8)			-2179.0	-276.7	-51794.5	-2984.2	7320.3	9.6
493	nodo 894 (9)			-1606.2	-279.2	-50855.0	-2914.2	5094.6	8.9
494	nodo 894 (10)			-525.8	-1161.2	-26934.2	-1580.3	4196.5	66.5
495	nodo 894 (11)			-519.6	-2032.7	-26503.1	-2832.7	4028.0	69.5
496	nodo 894 (12)			-166.0	149.4	-27231.0	-1288.2	3967.8	-44.2
497	nodo 894 (13)			-159.8	-722.0	-26799.8	-2540.6	3799.3	-41.2
498	nodo 894 (14)			-1498.1	-60.0	-28428.5	-1226.6	5191.8	66.5
499	nodo 894 (15)			-2220.6	18.8	-29272.0	-1678.7	5906.2	59.6
500	nodo 894 (16)			-894.1	1265.3	-28710.7	225.5	5032.6	-67.6
501	nodo 894 (17)			-1616.5	1344.0	-29554.2	-226.7	5747.0	-74.6
502	nodo 894 (18)			-2934.1	-898.7	-29745.8	-3087.4	6577.6	43.3
503	nodo 894 (19)			-2927.8	-1770.2	-29314.7	-4339.8	6409.1	46.4
504	nodo 894 (20)			-2574.3	411.9	-30042.6	-2795.2	6348.9	-67.4
505	nodo 894 (21)			-2568.1	-459.5	-29611.5	-4047.7	6180.4	-64.3
506	nodo 894 (22)			-1477.3	-2964.8	-26991.5	-5401.3	4629.9	76.7
507	nodo 894 (23)			-2199.8	-2886.0	-27835.0	-5853.4	5344.3	69.7
508	nodo 894 (24)			-873.3	-1639.5	-27273.6	-3949.2	4470.7	-57.5
509	nodo 894 (25)			-1595.7	-1560.8	-28117.1	-4401.4	5185.1	-64.4
510	nodo 894 (26)			-1415.7	-262.8	-37422.7	-2144.7	4644.6	9.1
511	nodo 894 (27)			-1350.4	-213.9	-35789.7	-2088.3	4573.8	5.6
512	nodo 894 (28)			-1355.2	-190.3	-35404.2	-2059.5	4578.0	4.7
513	nodo 894 (29)			-1403.1	-148.8	-35862.0	-1997.3	4633.3	7.8
514	nodo 894 (30)			-1411.4	-83.6	-36536.4	-1876.1	4621.6	10.3
515	nodo 894 (31)			-1403.8	-116.6	-35610.0	-1926.9	4598.3	7.4
516	nodo 894 (32)			-1428.9	-154.0	-36331.2	-2007.4	4669.3	8.7
517	nodo 894 (33)			-1624.5	-274.5	-38299.4	-2302.1	5456.7	6.5
518	nodo 894 (34)			-1242.7	-276.2	-37673.1	-2255.5	3972.9	6.0
519	nodo 894 (35)			-1432.4	-875.3	-36150.7	-3033.8	4684.1	-0.1
520	nodo 894 (36)			-1434.0	-922.3	-38018.3	-3078.5	4686.7	3.0
521	nodo 894 (37)			-1436.4	-910.5	-37825.5	-3064.1	4688.8	2.5
522	nodo 894 (38)			-1460.3	-889.8	-38054.4	-3033.0	4716.5	4.0
523	nodo 894 (39)			-1464.5	-857.1	-38391.6	-2972.4	4710.6	5.3
524	nodo 894 (40)			-1460.7	-873.6	-37928.4	-2997.8	4699.0	3.9
525	nodo 894 (41)			-1473.2	-892.3	-38289.0	-3038.0	4734.5	4.5
526	nodo 894 (42)			-1533.5	-945.0	-38914.0	-3153.4	4989.8	3.5
527	nodo 894 (43)			-1406.2	-945.5	-38705.2	-3137.8	4495.2	3.3
528	nodo 894 (44)			-1458.5	-929.7	-38195.7	-3089.3	4713.1	3.6
529	nodo 592 (1)			-895.5	988.5	-52517.5	1649.3	2595.0	10.5
530	nodo 592 (2)			-824.1	953.1	-50097.8	1514.9	2548.5	6.1
531	nodo 592 (3)			-845.5	954.6	-49497.0	1498.6	2596.3	4.4
532	nodo 592 (4)			-907.7	1118.9	-50150.5	1802.7	2674.8	8.6
533	nodo 592 (5)			-913.8	1301.4	-51036.2	2143.9	2662.0	12.7
534	nodo 592 (6)			-942.8	1124.1	-49549.8	1790.8	2742.8	7.4
535	nodo 592 (7)			-935.3	1143.5	-50883.2	1867.2	2698.1	9.5
536	nodo 592 (8)			-970.5	958.6	-55720.9	1552.1	2901.1	6.4
537	nodo 592 (9)			-956.3	885.5	-50345.1	1359.9	2735.8	5.5
538	nodo 592 (10)			972.2	999.6	-31317.7	1842.6	-621.3	72.5
539	nodo 592 (11)			964.4	10.3	-30972.4	33.0	-610.0	73.0
540	nodo 592 (12)			841.2	22.2	-31277.0	102.3	-425.7	-41.2

## RELAZIONE SULLE FONDAZIONI

541	nodo 592 (13)			833.4	-967.0	-30931.7	-1707.4	-414.3	-40.7
542	nodo 592 (14)			87.3	2053.3	-31895.2	3771.7	714.4	72.5
543	nodo 592 (15)			-831.3	1942.0	-31962.6	3569.2	2101.5	62.0
544	nodo 592 (16)			-398.9	1017.1	-31662.8	1923.2	1448.6	-66.8
545	nodo 592 (17)			-1317.4	905.8	-31730.2	1720.6	2835.7	-77.3
546	nodo 592 (18)			-2089.5	628.6	-31542.6	1167.5	4002.2	37.5
547	nodo 592 (19)			-2097.3	-360.7	-31197.2	-642.1	4013.6	38.0
548	nodo 592 (20)			-2220.5	-348.8	-31501.9	-572.8	4197.9	-76.2
549	nodo 592 (21)			-2228.3	-1338.0	-31156.6	-2382.4	4209.2	-75.7
550	nodo 592 (22)			61.3	-1244.3	-30744.0	-2260.5	752.2	74.2
551	nodo 592 (23)			-857.2	-1355.6	-30811.5	-2463.0	2139.2	63.7
552	nodo 592 (24)			-424.8	-2280.5	-30511.7	-4109.0	1486.4	-65.2
553	nodo 592 (25)			-1343.4	-2391.8	-30579.1	-4311.5	2873.5	-75.7
554	nodo 592 (26)			-666.8	640.2	-39176.7	1069.5	1929.3	6.8
555	nodo 592 (27)			-619.2	616.6	-37563.5	980.0	1898.3	3.9
556	nodo 592 (28)			-633.5	617.6	-37163.0	969.1	1930.2	2.7
557	nodo 592 (29)			-674.9	727.1	-37598.6	1171.8	1982.6	5.6
558	nodo 592 (30)			-679.0	848.8	-38189.1	1399.3	1974.0	8.3
559	nodo 592 (31)			-698.3	730.6	-37198.1	1163.9	2027.9	4.7
560	nodo 592 (32)			-693.3	743.6	-38087.1	1214.8	1998.1	6.1
561	nodo 592 (33)			-716.8	620.3	-41312.2	1004.8	2133.4	4.1
562	nodo 592 (34)			-707.3	571.6	-37728.4	876.6	2023.2	3.4
563	nodo 592 (35)			-686.5	-227.3	-38292.3	-410.8	1918.6	-3.4
564	nodo 592 (36)			-654.1	-195.8	-40197.0	-298.4	1820.8	0.1
565	nodo 592 (37)			-661.2	-195.3	-39996.7	-303.8	1836.8	-0.5
566	nodo 592 (38)			-682.0	-140.6	-40214.5	-202.4	1862.9	0.9
567	nodo 592 (39)			-684.0	-79.7	-40509.8	-88.7	1858.7	2.3
568	nodo 592 (40)			-693.6	-138.9	-40014.3	-206.4	1885.6	0.5
569	nodo 592 (41)			-691.2	-132.4	-40458.8	-180.9	1870.7	1.2
570	nodo 592 (42)			-695.2	-194.1	-41500.2	-287.7	1910.9	0.2
571	nodo 592 (43)			-692.1	-210.4	-40305.6	-330.4	1874.1	0.0
572	nodo 592 (44)			-679.9	-194.4	-40358.0	-291.0	1855.9	0.3
573	nodo 591 (1)			542.9	1032.7	-55426.5	1825.7	-2651.9	7.2
574	nodo 591 (2)			676.8	993.5	-51911.3	1638.4	-2927.5	3.1
575	nodo 591 (3)			671.1	997.9	-51037.0	1616.6	-2937.3	1.5
576	nodo 591 (4)			593.0	1151.1	-51959.5	1920.7	-2801.3	5.6
577	nodo 591 (5)			562.7	1324.2	-53208.7	2265.7	-2725.5	9.5
578	nodo 591 (6)			570.1	1155.2	-51065.5	1892.9	-2777.7	4.4
579	nodo 591 (7)			547.4	1179.9	-53026.8	2007.6	-2711.9	6.4
580	nodo 591 (8)			697.1	1013.1	-57954.3	1722.6	-3183.0	3.2
581	nodo 591 (9)			507.5	924.9	-52253.2	1468.8	-2605.5	2.4
582	nodo 591 (10)			1963.7	631.9	-33485.0	653.7	-4241.8	70.4
583	nodo 591 (11)			1956.2	-356.6	-33148.7	-1208.3	-4231.8	71.6
584	nodo 591 (12)			1840.7	261.6	-33447.4	570.3	-4072.9	-43.1
585	nodo 591 (13)			1833.2	-726.8	-33111.2	-1291.7	-4062.9	-41.9
586	nodo 591 (14)			1087.8	1768.5	-33925.0	3238.2	-2935.5	69.5
587	nodo 591 (15)			175.4	1742.0	-33955.1	3391.6	-1567.8	59.0
588	nodo 591 (16)			605.2	1369.6	-33862.4	2688.5	-2211.0	-69.5
589	nodo 591 (17)			-307.3	1343.2	-33892.6	2841.9	-843.3	-80.1
590	nodo 591 (18)			-1077.8	543.7	-33585.4	1165.2	317.3	35.3
591	nodo 591 (19)			-1085.3	-444.7	-33249.1	-696.8	327.2	36.4
592	nodo 591 (20)			-1200.7	173.4	-33547.8	1081.8	486.2	-78.2
593	nodo 591 (21)			-1208.3	-815.0	-33211.5	-780.2	496.1	-77.0
594	nodo 591 (22)			1062.7	-1526.3	-32804.0	-2968.4	-2902.4	73.4
595	nodo 591 (23)			150.3	-1552.7	-32834.1	-2815.0	-1534.7	62.9
596	nodo 591 (24)			580.0	-1925.2	-32741.5	-3518.2	-2177.9	-65.6

## RELAZIONE SULLE FONDAZIONI

597	nodo 591 (25)			-332.4	-1951.6	-32771.6	-3364.7	-810.1	-76.2
598	nodo 591 (26)			403.9	678.3	-41397.4	1210.1	-1976.0	4.4
599	nodo 591 (27)			493.2	652.2	-39054.0	1085.2	-2159.8	1.6
600	nodo 591 (28)			489.4	655.1	-38471.1	1070.7	-2166.3	0.5
601	nodo 591 (29)			437.3	757.2	-39086.1	1273.4	-2075.6	3.3
602	nodo 591 (30)			417.1	872.6	-39918.9	1503.4	-2025.1	5.9
603	nodo 591 (31)			422.0	760.0	-38490.1	1254.9	-2059.9	2.5
604	nodo 591 (32)			406.9	776.4	-39797.6	1331.4	-2016.1	3.8
605	nodo 591 (33)			506.7	665.2	-43082.6	1141.4	-2330.1	1.7
606	nodo 591 (34)			380.3	606.4	-39281.9	972.2	-1945.1	1.2
607	nodo 591 (35)			344.2	-148.7	-40745.6	-219.3	-1839.5	-5.5
608	nodo 591 (36)			327.3	-115.2	-43515.2	-68.6	-1756.0	-2.3
609	nodo 591 (37)			325.3	-113.7	-43223.7	-75.8	-1759.2	-2.9
610	nodo 591 (38)			299.3	-62.7	-43531.2	25.5	-1713.9	-1.5
611	nodo 591 (39)			289.2	-5.0	-43947.6	140.5	-1688.6	-0.2
612	nodo 591 (40)			291.7	-61.3	-43233.2	16.2	-1706.0	-1.9
613	nodo 591 (41)			284.1	-53.1	-43887.0	54.5	-1684.1	-1.3
614	nodo 591 (42)			321.8	-110.2	-44935.8	-46.0	-1796.1	-2.2
615	nodo 591 (43)			279.6	-129.8	-43668.9	-102.4	-1667.7	-2.4
616	nodo 591 (44)			297.3	-113.2	-43748.5	-56.9	-1705.9	-2.1
617	nodo 590 (1)			23.2	1424.4	-45578.9	3332.3	-726.9	12.3
618	nodo 590 (2)			136.3	1181.1	-43595.5	2303.8	-923.4	6.7
619	nodo 590 (3)			123.3	1139.2	-43101.8	2078.6	-906.4	4.9
620	nodo 590 (4)			49.1	1303.4	-43609.7	2505.5	-785.6	9.3
621	nodo 590 (5)			28.0	1516.3	-44287.4	3073.7	-745.0	13.5
622	nodo 590 (6)			17.6	1259.4	-43075.4	2279.6	-731.1	8.4
623	nodo 590 (7)			9.6	1396.1	-44219.3	2847.1	-719.7	10.7
624	nodo 590 (8)			104.2	1246.5	-48672.3	2553.9	-982.6	7.2
625	nodo 590 (9)			-48.0	1179.8	-43510.6	2377.7	-550.7	7.6
626	nodo 590 (10)			1670.1	275.4	-27503.7	1380.5	-3170.8	71.1
627	nodo 590 (11)			1514.6	-623.4	-27389.4	-79.5	-2909.1	74.6
628	nodo 590 (12)			1708.2	1140.8	-27558.3	2789.2	-3295.3	-41.7
629	nodo 590 (13)			1552.7	242.0	-27444.0	1329.2	-3033.7	-38.2
630	nodo 590 (14)			765.7	1410.8	-27553.5	3250.7	-1748.5	68.2
631	nodo 590 (15)			-181.5	1493.0	-27513.9	3407.8	-241.2	58.5
632	nodo 590 (16)			765.3	2294.3	-27682.8	4692.2	-1811.0	-69.7
633	nodo 590 (17)			-181.9	2376.5	-27643.1	4849.2	-303.6	-79.4
634	nodo 590 (18)			-1487.0	549.4	-27371.6	1904.0	1853.7	38.7
635	nodo 590 (19)			-1642.5	-349.3	-27257.3	443.9	2115.4	42.2
636	nodo 590 (20)			-1449.0	1414.8	-27426.2	3312.7	1729.2	-74.2
637	nodo 590 (21)			-1604.4	516.1	-27311.8	1852.6	1990.8	-70.7
638	nodo 590 (22)			247.6	-1585.1	-27172.4	-1616.1	-876.3	79.9
639	nodo 590 (23)			-699.6	-1502.9	-27132.8	-1459.0	631.0	70.1
640	nodo 590 (24)			247.2	-701.5	-27301.7	-174.6	-938.8	-58.0
641	nodo 590 (25)			-700.0	-619.3	-27262.0	-17.6	568.6	-67.7
642	nodo 590 (26)			19.1	993.6	-34040.3	2401.2	-550.1	8.2
643	nodo 590 (27)			94.5	831.4	-32718.0	1715.5	-681.2	4.5
644	nodo 590 (28)			85.9	803.4	-32388.9	1565.4	-669.8	3.3
645	nodo 590 (29)			36.4	912.9	-32727.5	1849.9	-589.3	6.3
646	nodo 590 (30)			22.3	1054.9	-33179.3	2228.8	-562.2	9.1
647	nodo 590 (31)			15.4	883.6	-32371.3	1699.4	-552.9	5.6
648	nodo 590 (32)			10.1	974.7	-33133.9	2077.7	-545.4	7.2
649	nodo 590 (33)			73.1	875.0	-36102.6	1882.2	-720.6	4.8
650	nodo 590 (34)			-28.3	830.5	-32661.4	1764.7	-432.7	5.1
651	nodo 590 (35)			-29.3	348.3	-33443.0	1467.2	-453.0	-0.6
652	nodo 590 (36)			-24.9	545.0	-35009.9	2284.6	-449.5	3.3

## RELAZIONE SULLE FONDAZIONI

653	nodo 590 (37)			-29.2	531.0	-34845.3	2209.5	-443.8	2.7
654	nodo 590 (38)			-53.9	585.7	-35014.6	2351.8	-403.5	4.2
655	nodo 590 (39)			-61.0	656.7	-35240.5	2541.2	-390.0	5.6
656	nodo 590 (40)			-64.4	571.1	-34836.5	2276.6	-385.3	3.9
657	nodo 590 (41)			-67.1	616.6	-35217.8	2465.7	-381.6	4.6
658	nodo 590 (42)			-41.9	564.5	-36181.6	2362.4	-446.3	3.6
659	nodo 590 (43)			-75.8	549.7	-35034.5	2323.2	-350.3	3.7
660	nodo 590 (44)			-54.7	560.0	-35140.5	2351.2	-400.4	3.8
661	nodo 589 (1)			-1240.5	1167.0	-39700.2	2483.5	3908.1	14.6
662	nodo 589 (2)			-1411.0	1201.7	-37054.9	2426.8	4754.0	9.6
663	nodo 589 (3)			-1489.2	1229.4	-36405.5	2441.6	5011.2	8.0
664	nodo 589 (4)			-1488.9	1304.9	-37067.4	2581.9	4857.9	12.4
665	nodo 589 (5)			-1367.0	1414.2	-38296.3	2806.0	4372.8	16.4
666	nodo 589 (6)			-1506.2	1341.8	-36918.2	2645.7	4860.9	11.7
667	nodo 589 (7)			-1460.2	1310.1	-37752.8	2614.6	4673.0	13.6
668	nodo 589 (8)			-1804.2	1220.7	-40073.8	2508.9	6019.4	10.3
669	nodo 589 (9)			-1140.4	1188.9	-39346.9	2469.3	3458.3	10.5
670	nodo 589 (10)			133.5	-259.4	-21740.4	61.1	2127.7	69.7
671	nodo 589 (11)			267.2	-1132.7	-21877.1	-1203.4	1927.0	72.7
672	nodo 589 (12)			128.0	1023.1	-21603.0	1934.9	2221.5	-41.7
673	nodo 589 (13)			261.7	149.7	-21739.7	670.4	2020.7	-38.7
674	nodo 589 (14)			-997.5	882.1	-21891.8	1726.9	3622.7	68.2
675	nodo 589 (15)			-1819.2	997.6	-22147.0	1906.3	4675.7	59.6
676	nodo 589 (16)			-970.2	2189.1	-21728.2	3637.9	3652.0	-67.5
677	nodo 589 (17)			-1792.0	2304.7	-21983.4	3817.3	4705.0	-76.2
678	nodo 589 (18)			-2605.6	125.9	-22591.2	659.0	5637.8	40.9
679	nodo 589 (19)			-2471.9	-747.5	-22727.9	-605.4	5437.0	43.9
680	nodo 589 (20)			-2611.1	1408.3	-22453.8	2532.8	5731.6	-70.5
681	nodo 589 (21)			-2477.4	535.0	-22590.5	1268.4	5530.8	-67.5
682	nodo 589 (22)			-551.9	-2029.1	-22347.4	-2487.9	2953.5	78.4
683	nodo 589 (23)			-1373.7	-1913.5	-22602.7	-2308.5	4006.6	69.7
684	nodo 589 (24)			-524.7	-722.0	-22183.9	-576.8	2982.8	-57.4
685	nodo 589 (25)			-1346.4	-606.5	-22439.1	-397.4	4035.8	-66.0
686	nodo 589 (26)			-957.2	793.3	-29422.2	1729.5	3030.9	9.8
687	nodo 589 (27)			-1070.9	816.5	-27658.6	1691.7	3594.8	6.5
688	nodo 589 (28)			-1123.0	834.9	-27225.8	1701.6	3766.3	5.5
689	nodo 589 (29)			-1122.8	885.2	-27667.0	1795.1	3664.1	8.4
690	nodo 589 (30)			-1041.6	958.1	-28486.3	1944.5	3340.7	11.1
691	nodo 589 (31)			-1134.4	909.9	-27567.5	1837.6	3666.1	7.9
692	nodo 589 (32)			-1103.7	888.7	-28124.0	1816.9	3540.8	9.2
693	nodo 589 (33)			-1333.0	829.1	-29671.3	1746.5	4438.4	7.0
694	nodo 589 (34)			-890.5	807.9	-29186.6	1720.1	2731.0	7.1
695	nodo 589 (35)			-1027.4	148.4	-28351.9	721.3	3208.4	0.5
696	nodo 589 (36)			-813.5	127.9	-30409.9	775.2	2441.4	3.8
697	nodo 589 (37)			-839.5	137.1	-30193.5	780.1	2527.1	3.3
698	nodo 589 (38)			-839.4	162.3	-30414.1	826.9	2476.0	4.7
699	nodo 589 (39)			-798.8	198.7	-30823.7	901.6	2314.3	6.1
700	nodo 589 (40)			-845.2	174.6	-30364.3	848.1	2477.0	4.5
701	nodo 589 (41)			-829.9	164.0	-30642.6	837.8	2414.4	5.1
702	nodo 589 (42)			-903.4	130.8	-31141.4	794.0	2711.9	4.1
703	nodo 589 (43)			-755.9	123.7	-30979.8	785.1	2142.7	4.1
704	nodo 589 (44)			-821.1	123.9	-30591.7	776.8	2409.2	4.3
705	nodo 588 (1)			4261.8	1032.3	-26390.0	1718.9	-16334.6	17.9
706	nodo 588 (2)			4302.6	1013.5	-26377.0	1687.6	-16270.0	13.4
707	nodo 588 (3)			4279.2	1015.1	-26363.3	1688.7	-16215.3	11.7
708	nodo 588 (4)			4233.4	1166.6	-26364.9	1905.5	-16196.3	15.6

## RELAZIONE SULLE FONDAZIONI

709	nodo 588 (5)			4237.6	1330.9	-26384.6	2140.5	-16246.0	19.4
710	nodo 588 (6)			4198.1	1174.0	-26347.3	1914.5	-16127.4	14.3
711	nodo 588 (7)			4216.1	1182.5	-26367.6	1929.3	-16210.4	16.5
712	nodo 588 (8)			4706.4	1032.2	-29200.1	1771.3	-17936.9	14.5
713	nodo 588 (9)			4183.8	946.2	-26198.6	1540.9	-16130.8	13.3
714	nodo 588 (10)			4348.1	1270.2	-15858.9	2017.3	-13028.4	74.7
715	nodo 588 (11)			4220.9	407.9	-15779.7	784.2	-12867.5	76.5
716	nodo 588 (12)			4350.0	-61.3	-15799.9	126.9	-13017.1	-36.2
717	nodo 588 (13)			4222.8	-923.6	-15720.7	-1106.1	-12856.2	-34.4
718	nodo 588 (14)			3586.9	2119.5	-15695.5	3242.9	-12159.6	73.6
719	nodo 588 (15)			2801.2	1975.4	-15476.2	3046.3	-11255.1	63.9
720	nodo 588 (16)			3574.9	765.2	-15636.3	1319.5	-12151.1	-62.0
721	nodo 588 (17)			2789.2	621.1	-15416.9	1122.9	-11246.6	-71.7
722	nodo 588 (18)			1729.3	789.8	-15127.7	1361.8	-10013.5	42.4
723	nodo 588 (19)			1602.1	-72.5	-15048.5	128.8	-9852.6	44.3
724	nodo 588 (20)			1731.2	-541.7	-15068.7	-528.6	-10002.2	-68.5
725	nodo 588 (21)			1604.0	-1404.0	-14989.5	-1761.6	-9841.3	-66.7
726	nodo 588 (22)			3162.8	-754.9	-15431.4	-867.2	-11623.1	79.7
727	nodo 588 (23)			2377.2	-899.0	-15212.1	-1063.8	-10718.6	70.0
728	nodo 588 (24)			3150.8	-2109.2	-15372.2	-2790.6	-11614.6	-55.9
729	nodo 588 (25)			2365.2	-2253.3	-15152.9	-2987.2	-10710.1	-65.6
730	nodo 588 (26)			3171.9	680.8	-19649.9	1160.2	-12160.3	12.5
731	nodo 588 (27)			3199.0	668.2	-19641.2	1139.3	-12117.2	9.5
732	nodo 588 (28)			3183.5	669.3	-19632.1	1140.0	-12080.7	8.3
733	nodo 588 (29)			3152.9	770.3	-19633.2	1284.5	-12068.1	10.9
734	nodo 588 (30)			3155.7	879.8	-19646.3	1441.2	-12101.2	13.4
735	nodo 588 (31)			3129.4	775.2	-19621.5	1290.5	-12022.2	10.1
736	nodo 588 (32)			3141.4	780.9	-19635.0	1300.4	-12077.5	11.5
737	nodo 588 (33)			3468.2	680.7	-21523.3	1195.1	-13228.5	10.2
738	nodo 588 (34)			3119.8	623.3	-19522.3	1041.5	-12024.4	9.4
739	nodo 588 (35)			3032.1	-119.6	-18996.5	22.3	-11730.2	3.9
740	nodo 588 (36)			3075.9	-101.5	-19030.7	51.6	-11869.2	7.4
741	nodo 588 (37)			3068.1	-101.0	-19026.1	51.9	-11851.0	6.8
742	nodo 588 (38)			3052.9	-50.5	-19026.7	124.2	-11844.6	8.1
743	nodo 588 (39)			3054.2	4.3	-19033.2	202.6	-11861.2	9.4
744	nodo 588 (40)			3041.1	-48.0	-19020.8	127.2	-11821.7	7.7
745	nodo 588 (41)			3047.1	-45.2	-19027.6	132.2	-11849.3	8.4
746	nodo 588 (42)			3158.7	-97.2	-19656.4	70.5	-12234.1	7.7
747	nodo 588 (43)			3042.6	-116.3	-18989.4	19.3	-11832.7	7.5
748	nodo 588 (44)			3055.1	-101.0	-19025.9	52.6	-11852.5	7.7
749	nodo 587 (1)			-1519.1	753.1	-48333.8	810.7	4922.6	8.6
750	nodo 587 (2)			-1441.7	756.9	-48337.5	734.8	4854.6	3.5
751	nodo 587 (3)			-1462.4	774.4	-48335.7	742.9	4899.6	1.8
752	nodo 587 (4)			-1528.5	887.8	-48346.1	948.3	4991.3	6.1
753	nodo 587 (5)			-1535.3	1019.5	-48330.9	1184.9	4980.5	10.2
754	nodo 587 (6)			-1558.5	901.7	-48295.3	943.5	5040.2	5.0
755	nodo 587 (7)			-1559.4	905.2	-48356.0	1002.8	5026.2	7.3
756	nodo 587 (8)			-1676.7	767.1	-53751.8	781.0	5537.4	3.9
757	nodo 587 (9)			-1536.5	674.9	-47732.2	507.4	4901.5	3.7
758	nodo 587 (10)			530.8	39.0	-28667.5	-100.3	1268.2	68.5
759	nodo 587 (11)			520.4	-828.8	-28537.9	-1514.8	1032.9	71.2
760	nodo 587 (12)			389.0	407.8	-28700.5	490.5	1256.7	-44.0
761	nodo 587 (13)			378.5	-460.0	-28570.9	-924.0	1021.4	-41.3
762	nodo 587 (14)			-366.8	1091.6	-28735.1	1631.1	3249.9	67.0
763	nodo 587 (15)			-1298.2	1120.0	-28665.2	1689.7	4692.5	57.7
764	nodo 587 (16)			-862.5	1446.4	-28772.4	2196.3	3190.1	-70.3

## RELAZIONE SULLE FONDAZIONI

765	nodo 587 (17)			-1794.0	1474.9	-28702.5	2255.0	4632.7	-79.5
766	nodo 587 (18)			-2574.0	133.7	-28434.6	95.1	6076.8	37.7
767	nodo 587 (19)			-2584.5	-734.1	-28305.0	-1319.4	5841.5	40.4
768	nodo 587 (20)			-2715.9	502.5	-28467.6	685.9	6065.3	-74.7
769	nodo 587 (21)			-2726.3	-365.3	-28338.0	-728.6	5830.0	-72.0
770	nodo 587 (22)			-401.5	-1801.2	-28303.0	-3083.9	2465.5	76.0
771	nodo 587 (23)			-1333.0	-1772.8	-28233.1	-3025.2	3908.1	66.7
772	nodo 587 (24)			-897.3	-1446.3	-28340.3	-2518.6	2405.7	-61.3
773	nodo 587 (25)			-1828.7	-1417.9	-28270.4	-2460.0	3848.3	-70.5
774	nodo 587 (26)			-1134.7	483.9	-36022.9	494.4	3676.1	5.5
775	nodo 587 (27)			-1083.1	486.5	-36025.4	443.8	3630.8	2.1
776	nodo 587 (28)			-1096.9	498.1	-36024.2	449.2	3660.8	0.9
777	nodo 587 (29)			-1141.0	573.7	-36031.1	586.1	3721.9	3.8
778	nodo 587 (30)			-1145.5	661.5	-36020.9	743.9	3714.7	6.5
779	nodo 587 (31)			-1161.0	583.0	-35997.2	583.0	3754.5	3.1
780	nodo 587 (32)			-1161.6	585.4	-36037.7	622.5	3745.1	4.6
781	nodo 587 (33)			-1239.8	493.2	-39634.9	474.6	4086.0	2.3
782	nodo 587 (34)			-1146.3	431.8	-35621.8	292.2	3662.0	2.2
783	nodo 587 (35)			-1141.5	-223.6	-34932.8	-602.6	3619.5	-3.4
784	nodo 587 (36)			-1112.5	-223.3	-34937.9	-538.8	3534.9	0.3
785	nodo 587 (37)			-1119.4	-217.4	-34937.3	-536.1	3549.9	-0.3
786	nodo 587 (38)			-1141.5	-179.6	-34940.8	-467.6	3580.4	1.2
787	nodo 587 (39)			-1143.7	-135.7	-34935.7	-388.7	3576.8	2.5
788	nodo 587 (40)			-1151.5	-175.0	-34923.9	-469.2	3596.7	0.8
789	nodo 587 (41)			-1151.8	-173.8	-34944.1	-449.4	3592.1	1.5
790	nodo 587 (42)			-1173.6	-221.3	-36140.4	-527.1	3699.1	0.5
791	nodo 587 (43)			-1142.4	-241.8	-34802.7	-587.9	3557.7	0.5
792	nodo 587 (44)			-1139.1	-224.3	-34935.8	-534.7	3572.3	0.7
793	nodo 250 (1)			-838.6	376.6	-35819.8	-397.2	2550.7	16.2
794	nodo 250 (2)			-798.7	493.5	-33525.6	-155.9	2584.1	10.6
795	nodo 250 (3)			-826.5	540.1	-32960.1	-72.4	2642.9	8.8
796	nodo 250 (4)			-866.5	591.1	-33475.5	-21.6	2670.3	13.5
797	nodo 250 (5)			-832.5	685.5	-34668.9	150.0	2539.1	18.0
798	nodo 250 (6)			-872.3	676.1	-33667.7	218.6	2624.4	12.8
799	nodo 250 (7)			-892.7	563.6	-33987.5	-107.9	2696.2	14.8
800	nodo 250 (8)			-1083.1	318.5	-35315.5	-783.9	3455.4	11.1
801	nodo 250 (9)			-693.0	640.4	-37131.4	472.4	1901.5	12.2
802	nodo 250 (10)			871.2	-985.3	-18107.3	-2589.9	176.3	69.4
803	nodo 250 (11)			864.1	-1861.3	-18895.4	-3867.1	203.9	72.2
804	nodo 250 (12)			451.5	284.0	-17462.0	-759.0	775.7	-41.1
805	nodo 250 (13)			444.5	-592.0	-18250.2	-2036.2	803.2	-38.3
806	nodo 250 (14)			-49.6	158.4	-17791.8	-914.1	1488.9	68.1
807	nodo 250 (15)			-958.2	273.4	-18239.0	-738.3	2808.9	59.4
808	nodo 250 (16)			-731.2	1452.8	-16982.1	955.5	2478.9	-66.6
809	nodo 250 (17)			-1639.8	1567.7	-17429.3	1131.2	3798.9	-75.3
810	nodo 250 (18)			-2157.3	-602.0	-19598.1	-2004.1	4576.4	40.5
811	nodo 250 (19)			-2164.4	-1478.1	-20386.2	-3281.4	4603.9	43.3
812	nodo 250 (20)			-2577.0	667.3	-18952.8	-173.3	5175.8	-70.1
813	nodo 250 (21)			-2584.0	-208.7	-19741.0	-1450.5	5203.3	-67.2
814	nodo 250 (22)			-73.1	-2761.8	-20418.9	-5171.5	1580.7	77.5
815	nodo 250 (23)			-981.6	-2646.8	-20866.2	-4995.8	2900.8	68.8
816	nodo 250 (24)			-754.7	-1467.4	-19609.2	-3302.0	2570.7	-57.2
817	nodo 250 (25)			-1663.2	-1352.4	-20056.5	-3126.3	3890.7	-65.9
818	nodo 250 (26)			-654.2	184.7	-26403.1	-489.3	1999.3	10.9
819	nodo 250 (27)			-627.6	262.7	-24873.6	-328.4	2021.6	7.2
820	nodo 250 (28)			-646.2	293.7	-24496.6	-272.8	2060.8	6.0

## RELAZIONE SULLE FONDAZIONI

821	nodo 250 (29)			-672.8	327.7	-24840.2	-238.8	2079.1	9.2
822	nodo 250 (30)			-650.2	390.6	-25635.8	-124.5	1991.6	12.2
823	nodo 250 (31)			-676.7	384.4	-24968.3	-78.7	2048.5	8.7
824	nodo 250 (32)			-690.3	309.4	-25181.5	-296.4	2096.3	10.0
825	nodo 250 (33)			-817.2	146.0	-26066.9	-747.1	2602.5	7.5
826	nodo 250 (34)			-557.2	360.6	-27277.5	90.5	1566.5	8.2
827	nodo 250 (35)			-769.5	-483.8	-25296.4	-1587.5	2275.4	0.8
828	nodo 250 (36)			-719.9	-569.2	-27059.3	-1768.6	2140.1	4.6
829	nodo 250 (37)			-729.1	-553.7	-26870.8	-1740.8	2159.7	4.0
830	nodo 250 (38)			-742.5	-536.7	-27042.6	-1723.8	2168.8	5.6
831	nodo 250 (39)			-731.1	-505.3	-27440.3	-1666.7	2125.1	7.1
832	nodo 250 (40)			-744.4	-508.4	-27106.6	-1643.8	2153.5	5.4
833	nodo 250 (41)			-751.2	-545.9	-27213.2	-1752.6	2177.4	6.0
834	nodo 250 (42)			-790.4	-611.2	-27511.3	-1914.2	2341.6	4.9
835	nodo 250 (43)			-703.7	-539.7	-27914.8	-1635.0	1996.3	5.2
836	nodo 250 (44)			-741.8	-578.6	-27222.2	-1786.8	2163.8	5.1
837	nodo 249 (1)			3000.0	572.2	-33448.4	93.9	-11497.5	14.4
838	nodo 249 (2)			3020.3	431.7	-31683.8	-410.1	-11385.2	13.7
839	nodo 249 (3)			2989.3	403.8	-31224.3	-522.5	-11314.2	12.7
840	nodo 249 (4)			2953.4	593.3	-31505.1	-163.6	-11301.6	16.3
841	nodo 249 (5)			2967.2	806.2	-31971.5	255.8	-11358.7	19.3
842	nodo 249 (6)			2910.6	572.5	-31041.6	-263.3	-11213.7	15.8
843	nodo 249 (7)			2940.7	645.9	-32024.8	4.0	-11327.9	16.0
844	nodo 249 (8)			3168.7	297.3	-34147.7	-880.6	-12101.7	14.6
845	nodo 249 (9)			3092.1	598.6	-33707.0	309.9	-11947.6	11.6
846	nodo 249 (10)			3237.3	643.2	-19488.1	-1801.7	-8341.0	78.7
847	nodo 249 (11)			3236.8	-185.9	-20528.9	-2895.2	-8425.8	78.0
848	nodo 249 (12)			2931.8	-691.6	-20104.1	-2149.0	-8265.0	-36.9
849	nodo 249 (13)			2931.3	-1520.7	-21144.9	-3242.4	-8349.8	-37.6
850	nodo 249 (14)			2543.3	1497.6	-17583.8	513.2	-7704.3	78.5
851	nodo 249 (15)			1864.0	1398.8	-17217.1	959.8	-7259.7	66.1
852	nodo 249 (16)			2042.0	158.0	-18724.5	-870.4	-7666.2	-63.9
853	nodo 249 (17)			1362.7	59.2	-18357.8	-423.8	-7221.6	-76.4
854	nodo 249 (18)			973.1	313.9	-18265.8	-313.0	-6858.9	37.2
855	nodo 249 (19)			972.6	-515.2	-19306.6	-1406.5	-6943.7	36.5
856	nodo 249 (20)			667.6	-1020.9	-18881.8	-660.3	-6782.9	-78.4
857	nodo 249 (21)			667.1	-1850.0	-19922.6	-1753.7	-6867.7	-79.1
858	nodo 249 (22)			2541.7	-1266.0	-21052.9	-3131.6	-7987.1	76.0
859	nodo 249 (23)			1862.4	-1364.8	-20686.3	-2685.0	-7542.5	63.5
860	nodo 249 (24)			2040.4	-2605.6	-22193.6	-4515.3	-7949.0	-66.5
861	nodo 249 (25)			1361.1	-2704.4	-21826.9	-4068.7	-7504.4	-78.9
862	nodo 249 (26)			2216.9	314.4	-24926.3	-134.9	-8509.9	9.6
863	nodo 249 (27)			2230.4	220.7	-23749.9	-470.9	-8435.0	9.1
864	nodo 249 (28)			2209.7	202.1	-23443.6	-545.8	-8387.7	8.4
865	nodo 249 (29)			2185.8	328.5	-23630.8	-306.6	-8379.3	10.9
866	nodo 249 (30)			2195.1	470.4	-23941.7	-27.0	-8417.4	12.8
867	nodo 249 (31)			2157.3	314.6	-23321.8	-373.0	-8320.8	10.5
868	nodo 249 (32)			2177.4	363.6	-23977.2	-194.9	-8396.9	10.6
869	nodo 249 (33)			2329.4	131.1	-25392.5	-784.6	-8912.7	9.7
870	nodo 249 (34)			2278.3	332.0	-25098.7	9.1	-8810.0	7.7
871	nodo 249 (35)			2087.7	-501.8	-25187.0	-1316.2	-8196.7	-1.8
872	nodo 249 (36)			2148.5	-389.9	-26605.4	-922.6	-8376.0	-1.2
873	nodo 249 (37)			2138.1	-399.2	-26452.2	-960.0	-8352.3	-1.5
874	nodo 249 (38)			2126.2	-336.0	-26545.8	-840.4	-8348.1	-0.3
875	nodo 249 (39)			2130.8	-265.1	-26701.3	-700.6	-8367.1	0.7
876	nodo 249 (40)			2111.9	-343.0	-26391.3	-873.6	-8318.8	-0.5

## RELAZIONE SULLE FONDAZIONI

877	nodo 249 (41)			2121.9	-318.5	-26719.0	-784.5	-8356.9	-0.4
878	nodo 249 (42)			2174.9	-416.8	-27189.7	-1015.7	-8530.5	-1.0
879	nodo 249 (43)			2157.9	-349.8	-27091.8	-751.1	-8496.2	-1.6
880	nodo 249 (44)			2128.8	-380.8	-26715.8	-888.3	-8361.8	-1.2
881	nodo 247 (1)			10.1	227.1	-52477.0	-1084.9	-589.2	9.5
882	nodo 247 (2)			61.3	370.0	-50136.4	-578.9	-592.7	5.0
883	nodo 247 (3)			31.6	416.2	-49548.0	-433.9	-527.1	3.2
884	nodo 247 (4)			-16.5	514.5	-50019.5	-369.5	-469.7	7.5
885	nodo 247 (5)			-7.4	613.6	-50705.4	-330.1	-508.6	11.6
886	nodo 247 (6)			-58.8	566.3	-49433.8	-213.1	-384.1	6.2
887	nodo 247 (7)			-39.7	484.4	-50715.7	-501.1	-456.7	8.4
888	nodo 247 (8)			2.1	110.9	-54030.5	-1504.0	-552.9	5.3
889	nodo 247 (9)			-74.1	594.6	-53292.1	337.0	-398.1	4.1
890	nodo 247 (10)			1748.0	-36.4	-29079.2	-2830.5	-2991.1	73.4
891	nodo 247 (11)			1747.6	-785.6	-29863.5	-3763.0	-3001.4	73.7
892	nodo 247 (12)			1309.8	-835.4	-29726.1	-3000.0	-2355.0	-41.1
893	nodo 247 (13)			1309.4	-1584.7	-30510.4	-3932.4	-2365.3	-40.8
894	nodo 247 (14)			802.7	783.0	-28330.6	-1111.1	-1605.5	73.3
895	nodo 247 (15)			-122.3	719.9	-28509.1	-858.6	-259.9	62.4
896	nodo 247 (16)			97.5	-53.7	-29061.3	-1954.7	-576.6	-67.1
897	nodo 247 (17)			-827.6	-116.7	-29239.8	-1702.3	769.1	-78.0
898	nodo 247 (18)			-1335.5	-246.5	-29674.1	-1989.1	1494.4	37.0
899	nodo 247 (19)			-1335.9	-995.8	-30458.4	-2921.6	1484.1	37.2
900	nodo 247 (20)			-1773.7	-1045.6	-30321.0	-2158.6	2130.5	-77.5
901	nodo 247 (21)			-1774.1	-1794.9	-31105.3	-3091.0	2120.1	-77.2
902	nodo 247 (22)			801.5	-1714.5	-30944.7	-4219.3	-1640.0	74.2
903	nodo 247 (23)			-123.6	-1777.6	-31123.2	-3966.8	-294.4	63.3
904	nodo 247 (24)			96.2	-2551.2	-31675.4	-5062.9	-611.0	-66.3
905	nodo 247 (25)			-828.8	-2614.2	-31853.9	-4810.5	734.6	-77.2
906	nodo 247 (26)			5.3	49.7	-38997.0	-1052.2	-441.2	6.1
907	nodo 247 (27)			39.4	144.9	-37436.6	-714.9	-443.5	3.1
908	nodo 247 (28)			19.6	175.7	-37044.3	-618.2	-399.8	1.9
909	nodo 247 (29)			-12.5	241.3	-37358.6	-575.3	-361.5	4.8
910	nodo 247 (30)			-6.4	307.3	-37815.9	-549.0	-387.5	7.5
911	nodo 247 (31)			-40.7	275.8	-36968.1	-471.0	-304.5	3.9
912	nodo 247 (32)			-27.9	221.2	-37822.8	-663.0	-352.8	5.3
913	nodo 247 (33)			-0.1	-27.8	-40032.6	-1331.6	-417.0	3.3
914	nodo 247 (34)			-50.8	294.6	-39540.4	-104.3	-313.8	2.5
915	nodo 247 (35)			-63.7	-759.5	-38733.5	-2317.6	-348.4	-4.0
916	nodo 247 (36)			-13.2	-870.1	-40570.3	-2715.6	-487.5	-0.5
917	nodo 247 (37)			-23.1	-854.7	-40374.2	-2667.2	-465.6	-1.1
918	nodo 247 (38)			-39.1	-821.9	-40531.4	-2645.8	-446.5	0.4
919	nodo 247 (39)			-36.1	-788.9	-40760.0	-2632.6	-459.5	1.7
920	nodo 247 (40)			-53.2	-804.6	-40336.1	-2593.6	-418.0	-0.1
921	nodo 247 (41)			-46.8	-831.9	-40763.5	-2689.7	-442.1	0.7
922	nodo 247 (42)			-34.7	-931.0	-41488.1	-2932.4	-467.3	-0.3
923	nodo 247 (43)			-51.6	-823.5	-41324.0	-2523.3	-432.9	-0.6
924	nodo 247 (44)			-38.2	-880.0	-40727.4	-2749.3	-453.5	-0.2
925	nodo 245 (1)			359.1	76.3	-53573.5	-1618.8	-1879.7	1.3
926	nodo 245 (2)			427.8	320.3	-50455.2	-785.1	-1947.2	-2.1
927	nodo 245 (3)			403.2	394.5	-49669.9	-554.5	-1900.1	-3.6
928	nodo 245 (4)			351.4	452.8	-50345.1	-595.2	-1829.5	0.5
929	nodo 245 (5)			354.8	508.4	-51311.3	-675.3	-1848.3	4.2
930	nodo 245 (6)			315.4	534.9	-49567.6	-340.9	-1766.8	-0.6
931	nodo 245 (7)			323.0	393.5	-51273.8	-825.2	-1797.2	1.0
932	nodo 245 (8)			403.2	31.1	-54517.2	-1824.0	-2034.1	-2.3

## RELAZIONE SULLE FONDAZIONI

933	nodo 245 (9)			293.8	553.2	-53705.9	151.0	-1758.0	-3.3
934	nodo 245 (10)			1935.4	-486.0	-30281.6	-3150.0	-3701.9	67.6
935	nodo 245 (11)			1936.2	-1205.9	-31059.7	-4029.8	-3713.5	68.7
936	nodo 245 (12)			1506.7	-779.0	-30496.4	-3194.2	-3091.4	-46.1
937	nodo 245 (13)			1507.6	-1498.9	-31274.5	-4074.0	-3103.0	-45.0
938	nodo 245 (14)			1013.5	337.6	-29461.8	-1879.5	-2397.7	66.7
939	nodo 245 (15)			112.7	313.7	-29560.0	-1789.2	-1132.6	56.0
940	nodo 245 (16)			324.4	21.4	-29729.8	-2201.1	-1416.7	-72.7
941	nodo 245 (17)			-576.4	-2.6	-29828.0	-2110.8	-151.6	-83.4
942	nodo 245 (18)			-1067.5	-565.7	-30608.8	-2848.9	515.0	32.0
943	nodo 245 (19)			-1066.6	-1285.6	-31386.9	-3728.7	503.4	33.1
944	nodo 245 (20)			-1496.1	-858.7	-30823.6	-2893.1	1125.5	-81.8
945	nodo 245 (21)			-1495.3	-1578.6	-31601.7	-3772.9	1113.9	-80.7
946	nodo 245 (22)			1016.5	-2062.0	-32055.3	-4812.1	-2436.4	70.4
947	nodo 245 (23)			115.6	-2085.9	-32153.5	-4721.8	-1171.3	59.7
948	nodo 245 (24)			327.4	-2378.2	-32323.3	-5133.7	-1455.4	-69.1
949	nodo 245 (25)			-573.4	-2402.1	-32421.5	-5043.4	-190.3	-79.7
950	nodo 245 (26)			263.8	-63.8	-39841.3	-1463.8	-1396.9	0.0
951	nodo 245 (27)			309.6	98.8	-37762.3	-908.0	-1441.9	-2.3
952	nodo 245 (28)			293.3	148.3	-37238.8	-754.3	-1410.5	-3.3
953	nodo 245 (29)			258.7	187.2	-37688.9	-781.4	-1363.4	-0.5
954	nodo 245 (30)			261.0	224.2	-38333.1	-834.8	-1376.0	1.9
955	nodo 245 (31)			234.7	241.9	-37170.7	-611.9	-1321.6	-1.3
956	nodo 245 (32)			239.8	147.6	-38308.1	-934.7	-1341.9	-0.2
957	nodo 245 (33)			293.3	-93.9	-40470.4	-1600.6	-1499.9	-2.4
958	nodo 245 (34)			220.3	254.1	-39929.5	-284.0	-1315.8	-3.1
959	nodo 245 (35)			181.1	-852.4	-39690.9	-2750.3	-1250.2	-9.7
960	nodo 245 (36)			216.4	-1042.1	-42142.5	-3404.0	-1333.9	-7.1
961	nodo 245 (37)			208.2	-1017.3	-41880.7	-3327.1	-1318.2	-7.6
962	nodo 245 (38)			190.9	-997.9	-42105.8	-3340.7	-1294.7	-6.3
963	nodo 245 (39)			192.0	-979.3	-42427.9	-3367.4	-1301.0	-5.0
964	nodo 245 (40)			178.9	-970.5	-41846.7	-3255.9	-1273.8	-6.6
965	nodo 245 (41)			181.4	-1017.6	-42415.4	-3417.4	-1283.9	-6.1
966	nodo 245 (42)			202.3	-1111.9	-43114.6	-3653.6	-1340.9	-7.1
967	nodo 245 (43)			178.0	-995.9	-42934.3	-3214.7	-1279.5	-7.3
968	nodo 245 (44)			190.5	-1058.9	-42350.8	-3460.1	-1296.9	-6.9
969	nodo 243 (1)			1269.4	3477.0	-61973.3	10766.3	-5225.0	3.7
970	nodo 243 (2)			1248.9	3358.7	-60381.0	10250.2	-4968.4	-0.9
971	nodo 243 (3)			1202.1	3344.5	-59986.4	10144.7	-4840.2	-2.5
972	nodo 243 (4)			1171.7	3470.0	-60352.2	10388.6	-4847.9	2.0
973	nodo 243 (5)			1230.4	3683.5	-61216.0	10919.7	-5069.7	6.0
974	nodo 243 (6)			1152.2	3539.3	-60499.7	10587.5	-4844.8	1.1
975	nodo 243 (7)			1161.4	3503.7	-60705.2	10501.6	-4880.6	3.0
976	nodo 243 (8)			1177.4	3100.3	-63712.4	9312.6	-4883.1	-1.4
977	nodo 243 (9)			1363.6	4193.3	-65690.1	13374.9	-5687.7	-0.2
978	nodo 243 (10)			2504.1	1232.2	-32129.5	4416.8	-5823.4	59.9
979	nodo 243 (11)			2509.7	512.2	-32391.3	3535.0	-5846.9	61.5
980	nodo 243 (12)			2031.8	1487.6	-32136.9	4505.7	-5038.6	-47.8
981	nodo 243 (13)			2037.5	767.6	-32398.7	3623.9	-5062.1	-46.2
982	nodo 243 (14)			1494.5	2089.8	-32125.3	5281.8	-4188.1	60.9
983	nodo 243 (15)			512.3	2097.9	-32383.7	5203.5	-2608.7	53.3
984	nodo 243 (16)			736.4	2328.8	-32133.4	5515.3	-2934.0	-70.1
985	nodo 243 (17)			-245.8	2336.9	-32391.8	5437.1	-1354.7	-77.7
986	nodo 243 (18)			-769.9	1259.1	-32991.0	4155.8	-559.0	34.7
987	nodo 243 (19)			-764.3	539.1	-33252.8	3274.0	-582.5	36.3
988	nodo 243 (20)			-1242.2	1514.5	-32998.4	4244.7	225.8	-73.0

## RELAZIONE SULLE FONDAZIONI

989	nodo 243 (21)			-1236.5	794.5	-33260.1	3363.0	202.3	-71.5
990	nodo 243 (22)			1513.3	-310.2	-32997.9	2342.7	-4266.4	66.2
991	nodo 243 (23)			531.1	-302.1	-33256.3	2264.4	-2687.1	58.6
992	nodo 243 (24)			755.3	-71.2	-33006.0	2576.2	-3012.4	-64.8
993	nodo 243 (25)			-226.9	-63.1	-33264.4	2497.9	-1433.0	-72.4
994	nodo 243 (26)			916.7	2430.6	-45674.8	7609.7	-3795.6	1.7
995	nodo 243 (27)			903.0	2351.7	-44613.3	7265.7	-3624.6	-1.4
996	nodo 243 (28)			871.8	2342.2	-44350.3	7195.4	-3539.1	-2.4
997	nodo 243 (29)			851.5	2425.9	-44594.1	7358.0	-3544.2	0.6
998	nodo 243 (30)			890.7	2568.3	-45170.0	7712.0	-3692.1	3.2
999	nodo 243 (31)			838.5	2472.1	-44692.4	7490.5	-3542.2	-0.1
1000	nodo 243 (32)			844.7	2448.4	-44829.4	7433.3	-3566.0	1.3
1001	nodo 243 (33)			855.4	2179.5	-46834.2	6640.6	-3567.7	-1.7
1002	nodo 243 (34)			979.5	2908.1	-48152.7	9348.8	-4104.1	-0.9
1003	nodo 243 (35)			765.6	1583.8	-43674.5	6010.8	-3391.9	-8.0
1004	nodo 243 (36)			870.7	1681.1	-44912.0	6425.4	-3730.5	-4.9
1005	nodo 243 (37)			855.1	1676.3	-44780.5	6390.3	-3687.7	-5.4
1006	nodo 243 (38)			844.9	1718.2	-44902.4	6471.6	-3690.3	-3.9
1007	nodo 243 (39)			864.5	1789.3	-45190.4	6648.6	-3764.2	-2.6
1008	nodo 243 (40)			838.4	1741.3	-44951.6	6537.9	-3689.3	-4.2
1009	nodo 243 (41)			841.5	1729.4	-45020.1	6509.2	-3701.2	-3.5
1010	nodo 243 (42)			848.2	1626.0	-45688.9	6227.8	-3706.3	-4.8
1011	nodo 243 (43)			889.6	1868.8	-46128.4	7130.6	-3885.2	-4.6
1012	nodo 243 (44)			850.9	1688.0	-45021.8	6457.8	-3715.0	-4.4
1013	nodo 239 (1)			-1433.0	585.5	-56430.9	254.6	4719.0	15.2
1014	nodo 239 (2)			-1366.7	907.3	-52658.4	1292.1	4653.4	9.1
1015	nodo 239 (3)			-1391.5	1005.4	-51677.2	1579.9	4700.6	7.1
1016	nodo 239 (4)			-1445.4	1016.9	-52479.7	1446.9	4779.0	11.4
1017	nodo 239 (5)			-1451.4	1040.5	-53882.4	1321.7	4795.0	15.8
1018	nodo 239 (6)			-1490.8	1137.3	-51828.3	1822.8	4877.3	10.5
1019	nodo 239 (7)			-1470.7	933.5	-53520.6	1145.6	4802.6	13.0
1020	nodo 239 (8)			-1424.8	614.6	-56623.8	231.4	4695.1	9.6
1021	nodo 239 (9)			-1740.8	1221.1	-56489.2	2519.7	5727.1	10.5
1022	nodo 239 (10)			882.5	-802.9	-33429.3	-2577.1	375.4	73.8
1023	nodo 239 (11)			903.0	-1617.2	-34633.3	-3726.8	61.5	77.7
1024	nodo 239 (12)			430.4	-15.4	-32268.1	-1449.0	862.3	-39.0
1025	nodo 239 (13)			450.9	-829.7	-33472.1	-2598.7	548.5	-35.0
1026	nodo 239 (14)			-30.3	198.8	-31149.6	-1192.8	2199.4	69.7
1027	nodo 239 (15)			-906.9	247.8	-30367.0	-1153.0	3396.5	59.5
1028	nodo 239 (16)			-750.3	997.5	-29912.6	-57.7	2563.7	-68.3
1029	nodo 239 (17)			-1626.9	1046.6	-29130.0	-18.0	3760.8	-78.6
1030	nodo 239 (18)			-2039.6	-639.4	-30820.8	-2444.5	4365.5	39.5
1031	nodo 239 (19)			-2019.1	-1453.7	-32024.8	-3594.3	4051.7	43.5
1032	nodo 239 (20)			-2491.7	148.1	-29659.6	-1316.4	4852.5	-73.3
1033	nodo 239 (21)			-2471.2	-666.2	-30863.6	-2466.2	4538.7	-69.3
1034	nodo 239 (22)			38.2	-2515.6	-35162.8	-5025.2	1153.2	83.0
1035	nodo 239 (23)			-838.4	-2466.6	-34380.3	-4985.5	2350.3	72.7
1036	nodo 239 (24)			-681.8	-1716.9	-33925.8	-3890.2	1517.6	-55.0
1037	nodo 239 (25)			-1558.4	-1667.9	-33143.3	-3850.4	2714.6	-65.3
1038	nodo 239 (26)			-1043.6	308.7	-41906.8	-110.5	3419.0	10.4
1039	nodo 239 (27)			-999.4	523.3	-39391.8	581.2	3375.3	6.3
1040	nodo 239 (28)			-1016.0	588.6	-38737.6	773.1	3406.7	5.0
1041	nodo 239 (29)			-1051.9	596.3	-39272.6	684.5	3459.0	7.9
1042	nodo 239 (30)			-1055.9	612.1	-40207.8	601.0	3469.7	10.8
1043	nodo 239 (31)			-1082.1	676.6	-38838.4	935.0	3524.6	7.3
1044	nodo 239 (32)			-1068.8	540.7	-39966.6	483.5	3474.7	9.0

## RELAZIONE SULLE FONDAZIONI

1045	nodo 239 (33)			-1038.2	328.1	-42035.4	-125.9	3403.1	6.7
1046	nodo 239 (34)			-1248.8	732.4	-41945.6	1399.6	4091.1	7.3
1047	nodo 239 (35)			-1032.6	-467.6	-41442.9	-1521.2	3232.5	2.1
1048	nodo 239 (36)			-996.6	-714.4	-44462.5	-2325.3	3149.8	6.6
1049	nodo 239 (37)			-1004.9	-681.7	-44135.5	-2229.3	3165.5	6.0
1050	nodo 239 (38)			-1022.9	-677.9	-44402.9	-2273.6	3191.7	7.4
1051	nodo 239 (39)			-1024.9	-670.0	-44870.5	-2315.4	3197.0	8.8
1052	nodo 239 (40)			-1038.0	-637.7	-44185.8	-2148.4	3224.4	7.1
1053	nodo 239 (41)			-1031.3	-705.7	-44749.9	-2374.1	3199.5	7.9
1054	nodo 239 (42)			-1018.0	-787.1	-45423.4	-2585.0	3171.2	6.9
1055	nodo 239 (43)			-1088.2	-652.3	-45393.5	-2076.5	3400.5	7.1
1056	nodo 239 (44)			-1022.0	-737.4	-44701.7	-2397.3	3186.1	7.1
1057	nodo 9 (1)			177.8	-4142.8	-13146.4	-17340.5	-1251.0	-0.4
1058	nodo 9 (2)			195.2	-3902.8	-12570.6	-16530.3	-1230.8	-8.3
1059	nodo 9 (3)			176.4	-3831.6	-12412.6	-16323.2	-1210.0	-7.9
1060	nodo 9 (4)			163.6	-3822.4	-12546.9	-16506.0	-1208.5	-2.4
1061	nodo 9 (5)			180.5	-3892.3	-12930.9	-17011.6	-1239.5	-0.5
1062	nodo 9 (6)			145.0	-3849.0	-12651.9	-16663.9	-1202.2	-1.1
1063	nodo 9 (7)			152.3	-3861.5	-12656.2	-16663.5	-1207.0	0.2
1064	nodo 9 (8)			155.2	-3939.8	-12645.1	-16666.9	-1212.8	-3.2
1065	nodo 9 (9)			172.3	-4670.9	-14640.3	-19323.8	-1395.8	-1.9
1066	nodo 9 (10)			1203.7	-2616.0	-6711.5	-9828.8	-1441.6	-59.9
1067	nodo 9 (11)			1221.6	-3127.6	-6740.2	-9968.2	-1458.1	-58.1
1068	nodo 9 (12)			581.7	-2431.9	-6396.1	-9753.9	-1022.4	-93.7
1069	nodo 9 (13)			599.6	-2943.5	-6424.8	-9893.3	-1039.0	-91.9
1070	nodo 9 (14)			688.5	-1958.2	-6432.5	-9608.1	-1094.7	1.7
1071	nodo 9 (15)			171.8	-1897.2	-6172.1	-9556.8	-751.4	48.3
1072	nodo 9 (16)			-150.7	-1753.6	-6000.5	-9529.3	-529.4	-50.6
1073	nodo 9 (17)			-667.4	-1692.6	-5740.2	-9478.0	-186.1	-4.0
1074	nodo 9 (18)			-518.7	-2412.6	-5843.5	-9657.6	-297.0	95.5
1075	nodo 9 (19)			-500.7	-2924.2	-5872.3	-9797.1	-313.5	97.3
1076	nodo 9 (20)			-1140.7	-2228.6	-5528.2	-9582.8	122.2	61.7
1077	nodo 9 (21)			-1122.8	-2740.1	-5556.9	-9722.2	105.6	63.5
1078	nodo 9 (22)			748.3	-3663.5	-6528.2	-10073.0	-1149.9	7.6
1079	nodo 9 (23)			231.6	-3602.5	-6267.8	-10021.6	-806.5	54.2
1080	nodo 9 (24)			-90.9	-3458.9	-6096.3	-9994.2	-584.6	-44.7
1081	nodo 9 (25)			-607.6	-3397.9	-5835.9	-9942.9	-241.2	1.9
1082	nodo 9 (26)			123.0	-3059.4	-9582.2	-12646.5	-908.2	0.0
1083	nodo 9 (27)			134.6	-2899.5	-9198.3	-12106.3	-894.7	-5.3
1084	nodo 9 (28)			122.1	-2852.0	-9093.0	-11968.3	-880.9	-5.0
1085	nodo 9 (29)			113.6	-2845.8	-9182.5	-12090.1	-879.9	-1.4
1086	nodo 9 (30)			124.8	-2892.4	-9438.5	-12427.2	-900.6	-0.1
1087	nodo 9 (31)			101.2	-2863.6	-9252.5	-12195.5	-875.7	-0.5
1088	nodo 9 (32)			106.0	-2871.9	-9255.4	-12195.2	-878.9	0.4
1089	nodo 9 (33)			108.0	-2924.1	-9248.0	-12197.4	-882.8	-1.9
1090	nodo 9 (34)			119.3	-3411.5	-10578.1	-13968.7	-1004.8	-1.0
1091	nodo 9 (35)			48.7	-3232.3	-8865.6	-11804.4	-809.4	2.3
1092	nodo 9 (36)			79.5	-3422.9	-9345.7	-12446.8	-855.4	2.8
1093	nodo 9 (37)			73.3	-3399.2	-9293.0	-12377.8	-848.5	2.9
1094	nodo 9 (38)			69.0	-3396.1	-9337.8	-12438.7	-848.0	4.7
1095	nodo 9 (39)			74.6	-3419.4	-9465.8	-12607.3	-858.3	5.3
1096	nodo 9 (40)			62.8	-3405.0	-9372.8	-12491.4	-845.9	5.2
1097	nodo 9 (41)			65.2	-3409.2	-9374.2	-12491.2	-847.5	5.6
1098	nodo 9 (42)			66.7	-3436.3	-9372.9	-12494.8	-849.5	4.5
1099	nodo 9 (43)			70.5	-3598.8	-9816.3	-13085.2	-890.1	4.8
1100	nodo 9 (44)			67.8	-3438.5	-9377.6	-12499.7	-849.6	4.7

## RELAZIONE SULLE FONDAZIONI

1101	nodo 8 (1)			-112.2	-4981.2	-14930.3	-20428.0	-191.8	-5.8
1102	nodo 8 (2)			-85.8	-4709.3	-14328.2	-19526.6	-204.4	-13.5
1103	nodo 8 (3)			-102.6	-4633.1	-14190.7	-19300.3	-190.6	-13.1
1104	nodo 8 (4)			-117.4	-4635.6	-14342.5	-19507.3	-181.8	-7.4
1105	nodo 8 (5)			-105.4	-4721.7	-14711.8	-20065.7	-195.1	-5.6
1106	nodo 8 (6)			-138.0	-4668.9	-14471.1	-19685.4	-168.4	-6.1
1107	nodo 8 (7)			-130.7	-4682.4	-14466.1	-19684.0	-173.5	-4.8
1108	nodo 8 (8)			-127.8	-4763.1	-14477.2	-19708.5	-179.4	-8.5
1109	nodo 8 (9)			-158.3	-5612.6	-16714.5	-22797.5	-188.7	-8.2
1110	nodo 8 (10)			1060.0	-2840.8	-6474.0	-11427.3	-915.5	-62.4
1111	nodo 8 (11)			1076.2	-3358.6	-6484.6	-11578.4	-925.9	-61.0
1112	nodo 8 (12)			428.1	-2745.3	-6761.2	-11382.2	-461.2	-97.5
1113	nodo 8 (13)			444.2	-3263.1	-6771.8	-11533.4	-471.6	-96.1
1114	nodo 8 (14)			538.3	-2368.6	-6708.3	-11301.7	-544.9	-0.0
1115	nodo 8 (15)			12.7	-2434.1	-6965.2	-11342.6	-169.8	46.7
1116	nodo 8 (16)			-314.3	-2161.8	-7101.5	-11250.6	67.7	-53.9
1117	nodo 8 (17)			-839.9	-2227.3	-7358.4	-11291.5	442.8	-7.2
1118	nodo 8 (18)			-692.0	-3059.0	-7330.4	-11563.7	334.8	93.4
1119	nodo 8 (19)			-675.8	-3576.9	-7341.0	-11714.8	324.4	94.8
1120	nodo 8 (20)			-1323.9	-2963.5	-7617.5	-11518.6	789.1	58.4
1121	nodo 8 (21)			-1307.8	-3481.4	-7628.2	-11669.7	778.7	59.8
1122	nodo 8 (22)			592.1	-4094.8	-6743.8	-11805.6	-579.6	4.6
1123	nodo 8 (23)			66.5	-4160.3	-7000.7	-11846.5	-204.5	51.3
1124	nodo 8 (24)			-260.4	-3888.0	-7137.0	-11754.4	33.0	-49.3
1125	nodo 8 (25)			-786.0	-3953.5	-7393.9	-11795.3	408.1	-2.6
1126	nodo 8 (26)			-88.6	-3672.0	-10893.7	-14901.8	-135.5	-4.0
1127	nodo 8 (27)			-71.0	-3490.8	-10492.3	-14300.9	-143.9	-9.2
1128	nodo 8 (28)			-82.2	-3440.0	-10400.6	-14150.1	-134.7	-8.9
1129	nodo 8 (29)			-92.1	-3441.6	-10501.8	-14288.0	-128.8	-5.1
1130	nodo 8 (30)			-84.1	-3499.0	-10748.0	-14660.3	-137.7	-3.9
1131	nodo 8 (31)			-105.8	-3463.8	-10587.5	-14406.8	-119.9	-4.3
1132	nodo 8 (32)			-100.9	-3472.8	-10584.2	-14405.8	-123.3	-3.4
1133	nodo 8 (33)			-98.9	-3526.6	-10591.6	-14422.2	-127.2	-5.8
1134	nodo 8 (34)			-119.3	-4092.9	-12083.1	-16481.5	-133.4	-5.6
1135	nodo 8 (35)			-152.5	-3811.9	-10186.2	-13933.0	-75.5	-2.2
1136	nodo 8 (36)			-127.9	-4020.3	-10634.7	-14639.1	-98.4	-1.9
1137	nodo 8 (37)			-133.5	-3994.9	-10588.9	-14563.7	-93.8	-1.8
1138	nodo 8 (38)			-138.5	-3995.7	-10639.5	-14632.7	-90.8	0.1
1139	nodo 8 (39)			-134.5	-4024.4	-10762.6	-14818.9	-95.3	0.7
1140	nodo 8 (40)			-145.3	-4006.8	-10682.4	-14692.1	-86.4	0.5
1141	nodo 8 (41)			-142.9	-4011.3	-10680.7	-14691.6	-88.1	0.9
1142	nodo 8 (42)			-141.4	-4038.7	-10683.2	-14699.8	-89.9	-0.2
1143	nodo 8 (43)			-148.2	-4227.5	-11180.4	-15386.3	-92.0	-0.1
1144	nodo 8 (44)			-140.5	-4039.7	-10680.9	-14699.9	-89.7	-0.0

## 6.1.6. Spostamenti globali palificata:

Cond.	Commento	Ux [cm]	Uy [cm]	Uz [cm]	Rx [°]	Ry [°]	Rz [°]
1	nodo 1323 (1)	-0.01	0.03	-0.02	0.00	-0.00	-0.00
2	nodo 1323 (2)	-0.01	0.03	-0.02	0.00	-0.00	-0.00
3	nodo 1323 (3)	-0.01	0.03	-0.02	0.00	-0.00	-0.00
4	nodo 1323 (4)	-0.01	0.03	-0.02	0.00	-0.00	-0.00
5	nodo 1323 (5)	-0.01	0.04	-0.02	0.00	-0.00	-0.00
6	nodo 1323 (6)	-0.01	0.03	-0.02	0.00	-0.00	-0.00
7	nodo 1323 (7)	-0.01	0.03	-0.02	0.00	-0.00	-0.00

## RELAZIONE SULLE FONDAZIONI

8	nodo 1323 (8)	-0.01	0.03	-0.02	0.00	-0.00	-0.00
9	nodo 1323 (9)	-0.01	0.03	-0.02	0.00	-0.00	-0.00
10	nodo 1323 (10)	0.02	0.04	-0.01	0.00	-0.00	0.00
11	nodo 1323 (11)	0.03	0.01	-0.01	0.00	-0.00	0.00
12	nodo 1323 (12)	0.05	-0.01	-0.01	0.00	0.00	-0.00
13	nodo 1323 (13)	0.06	-0.03	-0.01	0.00	0.00	-0.00
14	nodo 1323 (14)	-0.03	0.06	-0.01	-0.00	-0.00	0.00
15	nodo 1323 (15)	-0.06	0.06	-0.01	-0.00	-0.00	0.00
16	nodo 1323 (16)	0.03	0.02	-0.01	0.00	-0.00	-0.00
17	nodo 1323 (17)	0.00	0.02	-0.01	0.00	-0.00	-0.00
18	nodo 1323 (18)	-0.07	0.02	-0.01	0.00	-0.00	0.00
19	nodo 1323 (19)	-0.07	-0.01	-0.01	0.00	-0.00	0.00
20	nodo 1323 (20)	-0.04	-0.02	-0.01	0.00	-0.00	-0.00
21	nodo 1323 (21)	-0.03	-0.05	-0.01	0.00	-0.00	-0.00
22	nodo 1323 (22)	-0.01	-0.03	-0.01	0.00	-0.00	0.00
23	nodo 1323 (23)	-0.04	-0.03	-0.01	0.00	-0.00	0.00
24	nodo 1323 (24)	0.04	-0.07	-0.01	0.00	0.00	-0.00
25	nodo 1323 (25)	0.02	-0.08	-0.01	0.00	-0.00	-0.00
26	nodo 1323 (26)	-0.01	0.02	-0.02	0.00	-0.00	-0.00
27	nodo 1323 (27)	-0.01	0.02	-0.01	0.00	-0.00	-0.00
28	nodo 1323 (28)	-0.01	0.02	-0.01	0.00	-0.00	-0.00
29	nodo 1323 (29)	-0.01	0.02	-0.01	0.00	-0.00	-0.00
30	nodo 1323 (30)	-0.01	0.03	-0.02	0.00	-0.00	-0.00
31	nodo 1323 (31)	-0.01	0.02	-0.01	0.00	-0.00	-0.00
32	nodo 1323 (32)	-0.01	0.02	-0.01	0.00	-0.00	-0.00
33	nodo 1323 (33)	-0.01	0.02	-0.02	0.00	-0.00	-0.00
34	nodo 1323 (34)	-0.01	0.02	-0.01	0.00	-0.00	-0.00
35	nodo 1323 (35)	-0.01	-0.01	-0.01	0.00	-0.00	-0.00
36	nodo 1323 (36)	-0.01	-0.01	-0.02	0.00	-0.00	-0.00
37	nodo 1323 (37)	-0.01	-0.01	-0.02	0.00	-0.00	-0.00
38	nodo 1323 (38)	-0.01	-0.00	-0.02	0.00	-0.00	-0.00
39	nodo 1323 (39)	-0.01	-0.00	-0.02	0.00	-0.00	-0.00
40	nodo 1323 (40)	-0.01	-0.00	-0.02	0.00	-0.00	-0.00
41	nodo 1323 (41)	-0.01	-0.00	-0.02	0.00	-0.00	-0.00
42	nodo 1323 (42)	-0.01	-0.01	-0.02	0.00	-0.00	-0.00
43	nodo 1323 (43)	-0.01	-0.01	-0.02	0.00	-0.00	-0.00
44	nodo 1323 (44)	-0.01	-0.01	-0.02	0.00	-0.00	-0.00
45	nodo 1318 (1)	-0.01	0.03	-0.02	0.00	0.00	-0.00
46	nodo 1318 (2)	-0.01	0.03	-0.02	0.00	0.00	-0.00
47	nodo 1318 (3)	-0.01	0.03	-0.02	0.00	0.00	-0.00
48	nodo 1318 (4)	-0.01	0.03	-0.02	0.00	0.00	-0.00
49	nodo 1318 (5)	-0.01	0.04	-0.02	0.00	0.00	-0.00
50	nodo 1318 (6)	-0.01	0.04	-0.02	0.00	0.00	-0.00
51	nodo 1318 (7)	-0.01	0.04	-0.02	0.00	0.00	-0.00
52	nodo 1318 (8)	-0.01	0.03	-0.03	0.00	0.00	-0.00
53	nodo 1318 (9)	-0.01	0.03	-0.02	0.00	0.00	-0.00
54	nodo 1318 (10)	0.03	0.00	-0.01	0.00	0.00	0.00
55	nodo 1318 (11)	0.02	-0.02	-0.01	0.00	0.00	0.00
56	nodo 1318 (12)	0.06	0.01	-0.01	0.00	0.00	-0.00
57	nodo 1318 (13)	0.05	-0.01	-0.01	0.00	0.00	-0.00
58	nodo 1318 (14)	-0.01	0.04	-0.02	0.00	0.00	0.00
59	nodo 1318 (15)	-0.04	0.04	-0.02	0.00	0.00	0.00
60	nodo 1318 (16)	0.05	0.04	-0.01	0.00	0.00	-0.00
61	nodo 1318 (17)	0.02	0.05	-0.02	0.00	0.00	-0.00
62	nodo 1318 (18)	-0.07	0.01	-0.02	0.00	-0.00	0.00
63	nodo 1318 (19)	-0.07	-0.02	-0.02	0.00	-0.00	0.00

## RELAZIONE SULLE FONDAZIONI

64	nodo 1318 (20)	-0.03	0.02	-0.02	0.00	0.00	-0.00
65	nodo 1318 (21)	-0.04	-0.01	-0.02	0.00	0.00	-0.00
66	nodo 1318 (22)	-0.03	-0.05	-0.01	0.00	0.00	0.00
67	nodo 1318 (23)	-0.06	-0.05	-0.01	0.00	-0.00	0.00
68	nodo 1318 (24)	0.03	-0.04	-0.01	0.00	0.00	-0.00
69	nodo 1318 (25)	0.00	-0.04	-0.01	0.00	0.00	-0.00
70	nodo 1318 (26)	-0.01	0.02	-0.02	0.00	0.00	-0.00
71	nodo 1318 (27)	-0.00	0.02	-0.02	0.00	0.00	-0.00
72	nodo 1318 (28)	-0.00	0.02	-0.02	0.00	0.00	-0.00
73	nodo 1318 (29)	-0.01	0.02	-0.02	0.00	0.00	-0.00
74	nodo 1318 (30)	-0.01	0.03	-0.02	0.00	0.00	-0.00
75	nodo 1318 (31)	-0.01	0.02	-0.02	0.00	0.00	-0.00
76	nodo 1318 (32)	-0.01	0.02	-0.02	0.00	0.00	-0.00
77	nodo 1318 (33)	-0.01	0.02	-0.02	0.00	0.00	-0.00
78	nodo 1318 (34)	-0.01	0.02	-0.02	0.00	0.00	-0.00
79	nodo 1318 (35)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
80	nodo 1318 (36)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
81	nodo 1318 (37)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
82	nodo 1318 (38)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
83	nodo 1318 (39)	-0.01	0.00	-0.02	0.00	0.00	-0.00
84	nodo 1318 (40)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
85	nodo 1318 (41)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
86	nodo 1318 (42)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
87	nodo 1318 (43)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
88	nodo 1318 (44)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
89	nodo 1317 (1)	-0.01	0.03	-0.02	0.00	-0.00	0.00
90	nodo 1317 (2)	-0.01	0.03	-0.02	0.00	-0.00	0.00
91	nodo 1317 (3)	-0.01	0.03	-0.02	0.00	-0.00	0.00
92	nodo 1317 (4)	-0.01	0.03	-0.02	0.00	-0.00	0.00
93	nodo 1317 (5)	-0.01	0.04	-0.02	0.00	-0.00	0.00
94	nodo 1317 (6)	-0.01	0.03	-0.02	0.00	-0.00	0.00
95	nodo 1317 (7)	-0.01	0.03	-0.02	0.00	-0.00	0.00
96	nodo 1317 (8)	-0.01	0.03	-0.02	0.00	-0.00	0.00
97	nodo 1317 (9)	-0.01	0.03	-0.02	0.00	-0.00	0.00
98	nodo 1317 (10)	0.02	-0.01	-0.01	0.00	-0.00	0.00
99	nodo 1317 (11)	0.03	-0.03	-0.01	0.00	-0.00	0.00
100	nodo 1317 (12)	0.05	0.02	-0.02	0.00	0.00	-0.00
101	nodo 1317 (13)	0.06	-0.01	-0.01	0.00	0.00	-0.00
102	nodo 1317 (14)	-0.03	0.03	-0.01	0.00	-0.00	0.00
103	nodo 1317 (15)	-0.06	0.03	-0.01	0.00	-0.00	0.00
104	nodo 1317 (16)	0.03	0.05	-0.02	-0.00	-0.00	-0.00
105	nodo 1317 (17)	0.00	0.06	-0.01	-0.00	-0.00	-0.00
106	nodo 1317 (18)	-0.07	0.00	-0.01	0.00	-0.00	0.00
107	nodo 1317 (19)	-0.07	-0.02	-0.01	0.00	-0.00	0.00
108	nodo 1317 (20)	-0.04	0.03	-0.01	0.00	-0.00	-0.00
109	nodo 1317 (21)	-0.03	0.00	-0.01	0.00	-0.00	-0.00
110	nodo 1317 (22)	-0.01	-0.06	-0.01	0.00	-0.00	0.00
111	nodo 1317 (23)	-0.04	-0.06	-0.01	0.00	-0.00	0.00
112	nodo 1317 (24)	0.04	-0.03	-0.01	0.00	0.00	-0.00
113	nodo 1317 (25)	0.02	-0.03	-0.01	0.00	-0.00	-0.00
114	nodo 1317 (26)	-0.01	0.02	-0.02	0.00	-0.00	0.00
115	nodo 1317 (27)	-0.01	0.02	-0.02	0.00	-0.00	0.00
116	nodo 1317 (28)	-0.01	0.02	-0.02	0.00	-0.00	0.00
117	nodo 1317 (29)	-0.01	0.02	-0.02	0.00	-0.00	0.00
118	nodo 1317 (30)	-0.01	0.02	-0.02	0.00	-0.00	0.00
119	nodo 1317 (31)	-0.01	0.02	-0.02	0.00	-0.00	0.00

## RELAZIONE SULLE FONDAZIONI

120	nodo 1317 (32)	-0.01	0.02	-0.02	0.00	-0.00	0.00
121	nodo 1317 (33)	-0.01	0.02	-0.02	0.00	-0.00	0.00
122	nodo 1317 (34)	-0.01	0.02	-0.02	0.00	-0.00	0.00
123	nodo 1317 (35)	-0.01	-0.00	-0.02	0.00	-0.00	-0.00
124	nodo 1317 (36)	-0.01	-0.00	-0.02	0.00	-0.00	0.00
125	nodo 1317 (37)	-0.01	-0.00	-0.02	0.00	-0.00	-0.00
126	nodo 1317 (38)	-0.01	-0.00	-0.02	0.00	-0.00	0.00
127	nodo 1317 (39)	-0.01	-0.00	-0.02	0.00	-0.00	0.00
128	nodo 1317 (40)	-0.01	-0.00	-0.02	0.00	-0.00	0.00
129	nodo 1317 (41)	-0.01	-0.00	-0.02	0.00	-0.00	0.00
130	nodo 1317 (42)	-0.01	-0.00	-0.02	0.00	-0.00	0.00
131	nodo 1317 (43)	-0.01	-0.00	-0.02	0.00	-0.00	0.00
132	nodo 1317 (44)	-0.01	-0.00	-0.02	0.00	-0.00	0.00
133	nodo 1316 (1)	-0.01	0.03	-0.03	0.00	0.00	0.00
134	nodo 1316 (2)	-0.01	0.03	-0.03	0.00	0.00	-0.00
135	nodo 1316 (3)	-0.01	0.03	-0.03	0.00	0.00	-0.00
136	nodo 1316 (4)	-0.01	0.03	-0.03	0.00	0.00	-0.00
137	nodo 1316 (5)	-0.01	0.03	-0.03	0.00	0.00	0.00
138	nodo 1316 (6)	-0.01	0.03	-0.03	0.00	0.00	-0.00
139	nodo 1316 (7)	-0.01	0.03	-0.03	0.00	0.00	0.00
140	nodo 1316 (8)	-0.01	0.03	-0.03	0.00	0.00	-0.00
141	nodo 1316 (9)	-0.01	0.03	-0.03	0.00	0.00	-0.00
142	nodo 1316 (10)	0.03	-0.01	-0.02	0.00	0.00	0.00
143	nodo 1316 (11)	0.03	-0.04	-0.01	0.00	0.00	0.00
144	nodo 1316 (12)	0.05	0.03	-0.02	0.00	0.00	-0.00
145	nodo 1316 (13)	0.05	-0.00	-0.01	0.00	0.00	-0.00
146	nodo 1316 (14)	-0.01	0.02	-0.02	0.00	0.00	0.00
147	nodo 1316 (15)	-0.04	0.03	-0.02	0.00	-0.00	0.00
148	nodo 1316 (16)	0.03	0.06	-0.02	-0.00	0.00	-0.00
149	nodo 1316 (17)	0.00	0.07	-0.02	-0.00	0.00	-0.00
150	nodo 1316 (18)	-0.07	-0.00	-0.02	0.00	-0.00	0.00
151	nodo 1316 (19)	-0.07	-0.03	-0.02	0.00	-0.00	0.00
152	nodo 1316 (20)	-0.04	0.04	-0.02	0.00	-0.00	-0.00
153	nodo 1316 (21)	-0.04	0.01	-0.02	0.00	-0.00	-0.00
154	nodo 1316 (22)	-0.01	-0.07	-0.02	0.00	0.00	0.00
155	nodo 1316 (23)	-0.04	-0.07	-0.02	0.00	-0.00	0.00
156	nodo 1316 (24)	0.03	-0.03	-0.02	0.00	0.00	-0.00
157	nodo 1316 (25)	-0.00	-0.03	-0.02	0.00	0.00	-0.00
158	nodo 1316 (26)	-0.01	0.02	-0.02	0.00	0.00	-0.00
159	nodo 1316 (27)	-0.00	0.02	-0.02	0.00	0.00	-0.00
160	nodo 1316 (28)	-0.01	0.02	-0.02	0.00	0.00	-0.00
161	nodo 1316 (29)	-0.01	0.02	-0.02	0.00	0.00	-0.00
162	nodo 1316 (30)	-0.01	0.02	-0.02	0.00	0.00	0.00
163	nodo 1316 (31)	-0.01	0.02	-0.02	0.00	0.00	-0.00
164	nodo 1316 (32)	-0.01	0.02	-0.02	0.00	0.00	-0.00
165	nodo 1316 (33)	-0.01	0.02	-0.02	0.00	0.00	-0.00
166	nodo 1316 (34)	-0.01	0.02	-0.02	0.00	0.00	-0.00
167	nodo 1316 (35)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
168	nodo 1316 (36)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
169	nodo 1316 (37)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
170	nodo 1316 (38)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
171	nodo 1316 (39)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
172	nodo 1316 (40)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
173	nodo 1316 (41)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
174	nodo 1316 (42)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
175	nodo 1316 (43)	-0.01	-0.00	-0.02	0.00	0.00	-0.00

## RELAZIONE SULLE FONDAZIONI

176	nodo 1316 (44)	-0.01	-0.00	-0.02	0.00	0.00	-0.00
177	nodo 1282 (1)	-0.01	0.03	-0.04	0.00	0.00	0.00
178	nodo 1282 (2)	-0.01	0.03	-0.04	0.00	0.00	0.00
179	nodo 1282 (3)	-0.01	0.03	-0.04	0.00	0.00	0.00
180	nodo 1282 (4)	-0.01	0.03	-0.04	0.00	0.00	0.00
181	nodo 1282 (5)	-0.01	0.04	-0.04	0.00	0.00	0.00
182	nodo 1282 (6)	-0.01	0.03	-0.04	0.00	0.00	0.00
183	nodo 1282 (7)	-0.01	0.03	-0.04	0.00	0.00	0.00
184	nodo 1282 (8)	-0.01	0.03	-0.04	0.00	0.00	0.00
185	nodo 1282 (9)	-0.01	0.03	-0.04	0.00	0.00	0.00
186	nodo 1282 (10)	0.03	0.03	-0.02	0.00	0.00	0.00
187	nodo 1282 (11)	0.02	-0.00	-0.02	0.00	0.00	0.00
188	nodo 1282 (12)	0.06	0.00	-0.02	0.00	0.00	-0.00
189	nodo 1282 (13)	0.05	-0.03	-0.02	0.00	0.00	-0.00
190	nodo 1282 (14)	-0.01	0.05	-0.02	-0.00	0.00	0.00
191	nodo 1282 (15)	-0.04	0.05	-0.02	-0.00	-0.00	0.00
192	nodo 1282 (16)	0.04	0.03	-0.02	0.00	0.00	-0.00
193	nodo 1282 (17)	0.02	0.02	-0.02	0.00	0.00	-0.00
194	nodo 1282 (18)	-0.07	0.02	-0.02	0.00	-0.00	0.00
195	nodo 1282 (19)	-0.07	-0.01	-0.02	0.00	-0.00	0.00
196	nodo 1282 (20)	-0.03	-0.01	-0.02	0.00	-0.00	-0.00
197	nodo 1282 (21)	-0.04	-0.03	-0.02	0.00	-0.00	-0.00
198	nodo 1282 (22)	-0.03	-0.03	-0.02	0.00	-0.00	0.00
199	nodo 1282 (23)	-0.06	-0.04	-0.02	0.00	-0.00	0.00
200	nodo 1282 (24)	0.03	-0.06	-0.02	0.00	0.00	-0.00
201	nodo 1282 (25)	-0.00	-0.06	-0.02	0.00	0.00	-0.00
202	nodo 1282 (26)	-0.01	0.02	-0.03	0.00	0.00	0.00
203	nodo 1282 (27)	-0.01	0.02	-0.03	0.00	0.00	0.00
204	nodo 1282 (28)	-0.01	0.02	-0.03	0.00	0.00	0.00
205	nodo 1282 (29)	-0.01	0.02	-0.03	0.00	0.00	0.00
206	nodo 1282 (30)	-0.01	0.03	-0.03	0.00	0.00	0.00
207	nodo 1282 (31)	-0.01	0.02	-0.03	0.00	0.00	0.00
208	nodo 1282 (32)	-0.01	0.02	-0.03	0.00	0.00	0.00
209	nodo 1282 (33)	-0.01	0.02	-0.03	0.00	0.00	0.00
210	nodo 1282 (34)	-0.01	0.02	-0.03	0.00	0.00	0.00
211	nodo 1282 (35)	-0.01	-0.01	-0.03	0.00	0.00	-0.00
212	nodo 1282 (36)	-0.01	-0.01	-0.03	0.00	0.00	0.00
213	nodo 1282 (37)	-0.01	-0.01	-0.03	0.00	0.00	-0.00
214	nodo 1282 (38)	-0.01	-0.00	-0.03	0.00	0.00	0.00
215	nodo 1282 (39)	-0.01	-0.00	-0.03	0.00	0.00	0.00
216	nodo 1282 (40)	-0.01	-0.00	-0.03	0.00	0.00	0.00
217	nodo 1282 (41)	-0.01	-0.00	-0.03	0.00	0.00	0.00
218	nodo 1282 (42)	-0.01	-0.01	-0.03	0.00	0.00	0.00
219	nodo 1282 (43)	-0.01	-0.01	-0.03	0.00	0.00	0.00
220	nodo 1282 (44)	-0.01	-0.01	-0.03	0.00	0.00	0.00
221	nodo 1265 (1)	-0.01	0.03	-0.04	-0.00	-0.00	-0.00
222	nodo 1265 (2)	-0.01	0.03	-0.04	-0.00	-0.00	-0.00
223	nodo 1265 (3)	-0.01	0.03	-0.04	-0.00	-0.00	-0.00
224	nodo 1265 (4)	-0.01	0.03	-0.04	-0.00	-0.00	-0.00
225	nodo 1265 (5)	-0.01	0.04	-0.04	-0.00	-0.00	0.00
226	nodo 1265 (6)	-0.01	0.03	-0.04	-0.00	-0.00	-0.00
227	nodo 1265 (7)	-0.01	0.03	-0.04	-0.00	-0.00	-0.00
228	nodo 1265 (8)	-0.01	0.03	-0.04	0.00	-0.00	-0.00
229	nodo 1265 (9)	-0.01	0.03	-0.04	0.00	-0.00	-0.00
230	nodo 1265 (10)	0.02	0.01	-0.03	0.00	-0.00	0.00
231	nodo 1265 (11)	0.03	-0.01	-0.02	0.00	-0.00	0.00

## RELAZIONE SULLE FONDAZIONI

232	nodo 1265 (12)	0.05	0.01	-0.03	0.00	0.00	-0.00
233	nodo 1265 (13)	0.06	-0.02	-0.02	0.00	0.00	-0.00
234	nodo 1265 (14)	-0.02	0.04	-0.03	-0.00	-0.00	0.00
235	nodo 1265 (15)	-0.05	0.04	-0.02	-0.00	-0.00	0.00
236	nodo 1265 (16)	0.03	0.03	-0.03	-0.00	-0.00	-0.00
237	nodo 1265 (17)	-0.00	0.03	-0.02	-0.00	-0.00	-0.00
238	nodo 1265 (18)	-0.07	0.01	-0.02	0.00	-0.00	0.00
239	nodo 1265 (19)	-0.07	-0.01	-0.02	0.00	-0.00	0.00
240	nodo 1265 (20)	-0.04	0.01	-0.02	0.00	-0.00	-0.00
241	nodo 1265 (21)	-0.04	-0.02	-0.02	0.00	-0.00	-0.00
242	nodo 1265 (22)	-0.01	-0.04	-0.02	0.00	-0.00	0.00
243	nodo 1265 (23)	-0.04	-0.04	-0.02	0.00	-0.00	0.00
244	nodo 1265 (24)	0.04	-0.05	-0.02	0.00	0.00	-0.00
245	nodo 1265 (25)	0.01	-0.05	-0.02	0.00	-0.00	-0.00
246	nodo 1265 (26)	-0.01	0.02	-0.03	0.00	-0.00	-0.00
247	nodo 1265 (27)	-0.01	0.02	-0.03	0.00	-0.00	-0.00
248	nodo 1265 (28)	-0.01	0.02	-0.03	0.00	-0.00	-0.00
249	nodo 1265 (29)	-0.01	0.02	-0.03	-0.00	-0.00	-0.00
250	nodo 1265 (30)	-0.01	0.03	-0.03	-0.00	-0.00	-0.00
251	nodo 1265 (31)	-0.01	0.02	-0.03	-0.00	-0.00	-0.00
252	nodo 1265 (32)	-0.01	0.02	-0.03	-0.00	-0.00	-0.00
253	nodo 1265 (33)	-0.01	0.02	-0.03	0.00	-0.00	-0.00
254	nodo 1265 (34)	-0.01	0.02	-0.03	0.00	-0.00	-0.00
255	nodo 1265 (35)	-0.01	-0.00	-0.03	0.00	-0.00	-0.00
256	nodo 1265 (36)	-0.01	-0.00	-0.03	0.00	-0.00	-0.00
257	nodo 1265 (37)	-0.01	-0.00	-0.03	0.00	-0.00	-0.00
258	nodo 1265 (38)	-0.01	-0.00	-0.03	0.00	-0.00	-0.00
259	nodo 1265 (39)	-0.01	-0.00	-0.03	0.00	-0.00	-0.00
260	nodo 1265 (40)	-0.01	-0.00	-0.03	0.00	-0.00	-0.00
261	nodo 1265 (41)	-0.01	-0.00	-0.03	0.00	-0.00	-0.00
262	nodo 1265 (42)	-0.01	-0.00	-0.03	0.00	-0.00	-0.00
263	nodo 1265 (43)	-0.01	-0.00	-0.03	0.00	-0.00	-0.00
264	nodo 1265 (44)	-0.01	-0.00	-0.03	0.00	-0.00	-0.00
265	nodo 941 (1)	-0.01	0.03	-0.07	-0.00	0.00	0.00
266	nodo 941 (2)	-0.01	0.03	-0.06	-0.00	0.00	-0.00
267	nodo 941 (3)	-0.01	0.03	-0.06	-0.00	0.00	-0.00
268	nodo 941 (4)	-0.01	0.03	-0.06	-0.00	0.00	0.00
269	nodo 941 (5)	-0.01	0.04	-0.06	-0.00	0.00	0.00
270	nodo 941 (6)	-0.01	0.03	-0.06	-0.00	0.00	-0.00
271	nodo 941 (7)	-0.01	0.03	-0.06	-0.00	0.00	0.00
272	nodo 941 (8)	-0.01	0.03	-0.07	-0.00	0.00	-0.00
273	nodo 941 (9)	-0.01	0.03	-0.06	-0.00	0.00	-0.00
274	nodo 941 (10)	0.03	-0.00	-0.04	-0.00	0.00	0.00
275	nodo 941 (11)	0.03	-0.03	-0.04	0.00	0.00	0.00
276	nodo 941 (12)	0.05	0.00	-0.04	-0.00	0.00	-0.00
277	nodo 941 (13)	0.05	-0.03	-0.04	0.00	0.00	-0.00
278	nodo 941 (14)	-0.01	0.05	-0.04	-0.00	0.00	0.00
279	nodo 941 (15)	-0.03	0.05	-0.04	-0.00	-0.00	0.00
280	nodo 941 (16)	0.02	0.03	-0.04	-0.00	0.00	-0.00
281	nodo 941 (17)	-0.01	0.03	-0.04	-0.00	0.00	-0.00
282	nodo 941 (18)	-0.06	0.02	-0.04	-0.00	-0.00	0.00
283	nodo 941 (19)	-0.06	-0.01	-0.04	0.00	-0.00	0.00
284	nodo 941 (20)	-0.05	0.02	-0.04	-0.00	-0.00	-0.00
285	nodo 941 (21)	-0.05	-0.01	-0.04	0.00	-0.00	-0.00
286	nodo 941 (22)	-0.01	-0.04	-0.04	0.00	0.00	0.00
287	nodo 941 (23)	-0.03	-0.04	-0.04	0.00	-0.00	0.00

## RELAZIONE SULLE FONDAZIONI

288	nodo 941 (24)	0.02	-0.06	-0.04	0.00	0.00	-0.00
289	nodo 941 (25)	-0.01	-0.05	-0.04	0.00	0.00	-0.00
290	nodo 941 (26)	-0.01	0.02	-0.05	-0.00	0.00	0.00
291	nodo 941 (27)	-0.01	0.02	-0.05	-0.00	0.00	-0.00
292	nodo 941 (28)	-0.01	0.02	-0.05	-0.00	0.00	-0.00
293	nodo 941 (29)	-0.01	0.02	-0.05	-0.00	0.00	0.00
294	nodo 941 (30)	-0.01	0.03	-0.05	-0.00	0.00	0.00
295	nodo 941 (31)	-0.01	0.02	-0.05	-0.00	0.00	-0.00
296	nodo 941 (32)	-0.01	0.02	-0.05	-0.00	0.00	0.00
297	nodo 941 (33)	-0.01	0.02	-0.05	-0.00	0.00	-0.00
298	nodo 941 (34)	-0.01	0.02	-0.05	-0.00	0.00	-0.00
299	nodo 941 (35)	-0.01	-0.01	-0.05	-0.00	0.00	-0.00
300	nodo 941 (36)	-0.01	-0.01	-0.05	-0.00	0.00	-0.00
301	nodo 941 (37)	-0.01	-0.01	-0.05	-0.00	0.00	-0.00
302	nodo 941 (38)	-0.01	-0.00	-0.05	-0.00	0.00	-0.00
303	nodo 941 (39)	-0.01	-0.00	-0.05	-0.00	0.00	-0.00
304	nodo 941 (40)	-0.01	-0.00	-0.05	-0.00	0.00	-0.00
305	nodo 941 (41)	-0.01	-0.00	-0.05	-0.00	0.00	-0.00
306	nodo 941 (42)	-0.01	-0.01	-0.05	-0.00	0.00	-0.00
307	nodo 941 (43)	-0.01	-0.01	-0.05	-0.00	0.00	-0.00
308	nodo 941 (44)	-0.01	-0.01	-0.05	-0.00	0.00	-0.00
309	nodo 938 (1)	-0.01	0.03	-0.07	-0.00	-0.00	0.00
310	nodo 938 (2)	-0.01	0.03	-0.06	-0.00	-0.00	0.00
311	nodo 938 (3)	-0.01	0.03	-0.06	-0.00	-0.00	0.00
312	nodo 938 (4)	-0.01	0.03	-0.06	-0.00	-0.00	0.00
313	nodo 938 (5)	-0.01	0.04	-0.06	-0.00	-0.00	0.00
314	nodo 938 (6)	-0.01	0.03	-0.06	-0.00	-0.00	0.00
315	nodo 938 (7)	-0.01	0.03	-0.06	-0.00	-0.00	0.00
316	nodo 938 (8)	-0.01	0.03	-0.07	-0.00	-0.00	0.00
317	nodo 938 (9)	-0.01	0.03	-0.06	-0.00	-0.00	0.00
318	nodo 938 (10)	0.03	0.02	-0.04	-0.00	0.00	0.00
319	nodo 938 (11)	0.03	-0.01	-0.04	0.00	0.00	0.00
320	nodo 938 (12)	0.05	0.00	-0.04	-0.00	0.00	-0.00
321	nodo 938 (13)	0.05	-0.02	-0.04	0.00	0.00	-0.00
322	nodo 938 (14)	-0.01	0.04	-0.04	-0.00	-0.00	0.00
323	nodo 938 (15)	-0.03	0.04	-0.04	-0.00	-0.00	0.00
324	nodo 938 (16)	0.02	0.03	-0.04	-0.00	0.00	-0.00
325	nodo 938 (17)	-0.01	0.03	-0.04	-0.00	-0.00	-0.00
326	nodo 938 (18)	-0.06	0.01	-0.04	-0.00	-0.00	0.00
327	nodo 938 (19)	-0.06	-0.01	-0.04	0.00	-0.00	0.00
328	nodo 938 (20)	-0.05	0.00	-0.04	-0.00	-0.00	-0.00
329	nodo 938 (21)	-0.05	-0.02	-0.04	0.00	-0.00	-0.00
330	nodo 938 (22)	-0.01	-0.04	-0.04	0.00	-0.00	0.00
331	nodo 938 (23)	-0.03	-0.04	-0.04	0.00	-0.00	0.00
332	nodo 938 (24)	0.02	-0.05	-0.04	0.00	0.00	-0.00
333	nodo 938 (25)	-0.01	-0.05	-0.04	0.00	-0.00	-0.00
334	nodo 938 (26)	-0.01	0.02	-0.05	-0.00	-0.00	0.00
335	nodo 938 (27)	-0.01	0.02	-0.05	-0.00	-0.00	0.00
336	nodo 938 (28)	-0.01	0.02	-0.05	-0.00	-0.00	0.00
337	nodo 938 (29)	-0.01	0.02	-0.05	-0.00	-0.00	0.00
338	nodo 938 (30)	-0.01	0.02	-0.05	-0.00	-0.00	0.00
339	nodo 938 (31)	-0.01	0.02	-0.05	-0.00	-0.00	0.00
340	nodo 938 (32)	-0.01	0.02	-0.05	-0.00	-0.00	0.00
341	nodo 938 (33)	-0.01	0.02	-0.05	-0.00	-0.00	0.00
342	nodo 938 (34)	-0.01	0.02	-0.05	-0.00	-0.00	0.00
343	nodo 938 (35)	-0.01	-0.00	-0.05	0.00	-0.00	-0.00

## RELAZIONE SULLE FONDAZIONI

344	nodo 938 (36)	-0.01	-0.00	-0.05	0.00	-0.00	0.00
345	nodo 938 (37)	-0.01	-0.00	-0.05	0.00	-0.00	0.00
346	nodo 938 (38)	-0.01	-0.00	-0.05	0.00	-0.00	0.00
347	nodo 938 (39)	-0.01	-0.00	-0.05	0.00	-0.00	0.00
348	nodo 938 (40)	-0.01	-0.00	-0.05	0.00	-0.00	0.00
349	nodo 938 (41)	-0.01	-0.00	-0.05	0.00	-0.00	0.00
350	nodo 938 (42)	-0.01	-0.00	-0.06	0.00	-0.00	0.00
351	nodo 938 (43)	-0.01	-0.00	-0.05	0.00	-0.00	0.00
352	nodo 938 (44)	-0.01	-0.00	-0.05	0.00	-0.00	0.00
353	nodo 935 (1)	-0.01	0.03	-0.06	0.00	-0.00	0.00
354	nodo 935 (2)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
355	nodo 935 (3)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
356	nodo 935 (4)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
357	nodo 935 (5)	-0.01	0.04	-0.06	-0.00	-0.00	0.00
358	nodo 935 (6)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
359	nodo 935 (7)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
360	nodo 935 (8)	-0.01	0.03	-0.06	-0.00	-0.00	0.00
361	nodo 935 (9)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
362	nodo 935 (10)	0.03	-0.01	-0.04	0.00	0.00	0.00
363	nodo 935 (11)	0.03	-0.03	-0.04	0.00	0.00	0.00
364	nodo 935 (12)	0.05	0.02	-0.04	0.00	0.00	-0.00
365	nodo 935 (13)	0.05	-0.01	-0.04	0.00	0.00	-0.00
366	nodo 935 (14)	-0.00	0.03	-0.04	0.00	-0.00	0.00
367	nodo 935 (15)	-0.03	0.03	-0.04	-0.00	-0.00	0.00
368	nodo 935 (16)	0.02	0.05	-0.04	-0.00	0.00	-0.00
369	nodo 935 (17)	-0.01	0.06	-0.04	-0.00	-0.00	-0.00
370	nodo 935 (18)	-0.06	0.00	-0.04	0.00	-0.00	0.00
371	nodo 935 (19)	-0.06	-0.02	-0.04	0.00	-0.00	0.00
372	nodo 935 (20)	-0.05	0.03	-0.04	0.00	-0.00	-0.00
373	nodo 935 (21)	-0.05	0.00	-0.04	0.00	-0.00	-0.00
374	nodo 935 (22)	-0.01	-0.06	-0.04	0.00	-0.00	0.00
375	nodo 935 (23)	-0.03	-0.06	-0.04	0.00	-0.00	0.00
376	nodo 935 (24)	0.02	-0.03	-0.04	0.00	0.00	-0.00
377	nodo 935 (25)	-0.01	-0.03	-0.04	0.00	-0.00	-0.00
378	nodo 935 (26)	-0.01	0.02	-0.04	0.00	-0.00	0.00
379	nodo 935 (27)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
380	nodo 935 (28)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
381	nodo 935 (29)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
382	nodo 935 (30)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
383	nodo 935 (31)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
384	nodo 935 (32)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
385	nodo 935 (33)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
386	nodo 935 (34)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
387	nodo 935 (35)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
388	nodo 935 (36)	-0.01	-0.00	-0.05	0.00	-0.00	-0.00
389	nodo 935 (37)	-0.01	-0.00	-0.05	0.00	-0.00	-0.00
390	nodo 935 (38)	-0.01	-0.00	-0.05	0.00	-0.00	-0.00
391	nodo 935 (39)	-0.01	-0.00	-0.05	0.00	-0.00	-0.00
392	nodo 935 (40)	-0.01	-0.00	-0.05	0.00	-0.00	-0.00
393	nodo 935 (41)	-0.01	-0.00	-0.05	0.00	-0.00	-0.00
394	nodo 935 (42)	-0.01	-0.00	-0.05	0.00	-0.00	-0.00
395	nodo 935 (43)	-0.01	-0.00	-0.05	0.00	-0.00	-0.00
396	nodo 935 (44)	-0.01	-0.00	-0.05	0.00	-0.00	-0.00
397	nodo 931 (1)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
398	nodo 931 (2)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
399	nodo 931 (3)	-0.01	0.03	-0.03	-0.00	-0.00	0.00

## RELAZIONE SULLE FONDAZIONI

400	nodo 931 (4)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
401	nodo 931 (5)	-0.01	0.04	-0.03	-0.00	-0.00	0.00
402	nodo 931 (6)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
403	nodo 931 (7)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
404	nodo 931 (8)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
405	nodo 931 (9)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
406	nodo 931 (10)	0.03	0.04	-0.02	-0.00	-0.00	0.00
407	nodo 931 (11)	0.03	0.01	-0.02	-0.00	-0.00	0.00
408	nodo 931 (12)	0.05	-0.01	-0.02	-0.00	-0.00	-0.00
409	nodo 931 (13)	0.05	-0.03	-0.02	0.00	-0.00	-0.00
410	nodo 931 (14)	-0.01	0.07	-0.02	-0.00	-0.00	0.00
411	nodo 931 (15)	-0.03	0.06	-0.02	-0.00	-0.00	0.00
412	nodo 931 (16)	0.03	0.02	-0.02	-0.00	-0.00	-0.00
413	nodo 931 (17)	0.00	0.02	-0.02	-0.00	-0.00	-0.00
414	nodo 931 (18)	-0.06	0.02	-0.02	-0.00	-0.00	0.00
415	nodo 931 (19)	-0.07	-0.01	-0.02	-0.00	-0.00	0.00
416	nodo 931 (20)	-0.04	-0.02	-0.02	0.00	-0.00	-0.00
417	nodo 931 (21)	-0.05	-0.05	-0.02	0.00	-0.00	-0.00
418	nodo 931 (22)	-0.02	-0.03	-0.02	0.00	-0.00	0.00
419	nodo 931 (23)	-0.05	-0.03	-0.02	0.00	-0.00	0.00
420	nodo 931 (24)	0.02	-0.07	-0.02	0.00	-0.00	-0.00
421	nodo 931 (25)	-0.01	-0.08	-0.02	0.00	-0.00	-0.00
422	nodo 931 (26)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
423	nodo 931 (27)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
424	nodo 931 (28)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
425	nodo 931 (29)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
426	nodo 931 (30)	-0.01	0.03	-0.02	-0.00	-0.00	0.00
427	nodo 931 (31)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
428	nodo 931 (32)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
429	nodo 931 (33)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
430	nodo 931 (34)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
431	nodo 931 (35)	-0.01	-0.01	-0.02	-0.00	-0.00	-0.00
432	nodo 931 (36)	-0.01	-0.01	-0.03	-0.00	-0.00	0.00
433	nodo 931 (37)	-0.01	-0.01	-0.03	-0.00	-0.00	0.00
434	nodo 931 (38)	-0.01	-0.00	-0.03	-0.00	-0.00	0.00
435	nodo 931 (39)	-0.01	-0.00	-0.03	-0.00	-0.00	0.00
436	nodo 931 (40)	-0.01	-0.00	-0.03	-0.00	-0.00	0.00
437	nodo 931 (41)	-0.01	-0.00	-0.03	-0.00	-0.00	0.00
438	nodo 931 (42)	-0.01	-0.01	-0.03	-0.00	-0.00	0.00
439	nodo 931 (43)	-0.01	-0.01	-0.03	-0.00	-0.00	0.00
440	nodo 931 (44)	-0.01	-0.01	-0.03	-0.00	-0.00	0.00
441	nodo 927 (1)	-0.01	0.03	-0.06	-0.00	0.00	0.00
442	nodo 927 (2)	-0.01	0.03	-0.06	-0.00	0.00	0.00
443	nodo 927 (3)	-0.01	0.03	-0.06	-0.00	0.00	0.00
444	nodo 927 (4)	-0.01	0.03	-0.06	-0.00	0.00	0.00
445	nodo 927 (5)	-0.01	0.04	-0.06	-0.00	0.00	0.00
446	nodo 927 (6)	-0.01	0.03	-0.06	-0.00	0.00	0.00
447	nodo 927 (7)	-0.01	0.03	-0.06	-0.00	0.00	0.00
448	nodo 927 (8)	-0.01	0.03	-0.06	-0.00	0.00	0.00
449	nodo 927 (9)	-0.01	0.03	-0.06	-0.00	0.00	0.00
450	nodo 927 (10)	0.04	-0.00	-0.03	-0.00	0.00	0.00
451	nodo 927 (11)	0.03	-0.03	-0.03	0.00	0.00	0.00
452	nodo 927 (12)	0.05	0.01	-0.03	-0.00	0.00	-0.00
453	nodo 927 (13)	0.04	-0.01	-0.03	-0.00	0.00	-0.00
454	nodo 927 (14)	0.02	0.03	-0.03	-0.00	0.00	0.00
455	nodo 927 (15)	-0.01	0.03	-0.03	-0.00	0.00	0.00

## RELAZIONE SULLE FONDAZIONI

456	nodo 927 (16)	0.02	0.04	-0.03	-0.00	0.00	-0.00
457	nodo 927 (17)	-0.01	0.05	-0.03	-0.00	0.00	-0.00
458	nodo 927 (18)	-0.05	0.01	-0.04	-0.00	-0.00	0.00
459	nodo 927 (19)	-0.06	-0.02	-0.04	0.00	-0.00	0.00
460	nodo 927 (20)	-0.05	0.02	-0.04	-0.00	-0.00	-0.00
461	nodo 927 (21)	-0.05	-0.00	-0.04	-0.00	-0.00	-0.00
462	nodo 927 (22)	-0.01	-0.05	-0.04	0.00	0.00	0.00
463	nodo 927 (23)	-0.03	-0.05	-0.04	0.00	0.00	0.00
464	nodo 927 (24)	-0.00	-0.04	-0.04	0.00	0.00	-0.00
465	nodo 927 (25)	-0.03	-0.04	-0.04	0.00	0.00	-0.00
466	nodo 927 (26)	-0.01	0.02	-0.04	-0.00	0.00	0.00
467	nodo 927 (27)	-0.01	0.02	-0.04	-0.00	0.00	0.00
468	nodo 927 (28)	-0.01	0.02	-0.04	-0.00	0.00	0.00
469	nodo 927 (29)	-0.01	0.02	-0.04	-0.00	0.00	0.00
470	nodo 927 (30)	-0.01	0.02	-0.04	-0.00	0.00	0.00
471	nodo 927 (31)	-0.01	0.02	-0.04	-0.00	0.00	0.00
472	nodo 927 (32)	-0.01	0.02	-0.04	-0.00	0.00	0.00
473	nodo 927 (33)	-0.01	0.02	-0.05	-0.00	0.00	0.00
474	nodo 927 (34)	-0.01	0.02	-0.04	-0.00	0.00	0.00
475	nodo 927 (35)	-0.01	-0.00	-0.04	-0.00	0.00	-0.00
476	nodo 927 (36)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
477	nodo 927 (37)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
478	nodo 927 (38)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
479	nodo 927 (39)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
480	nodo 927 (40)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
481	nodo 927 (41)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
482	nodo 927 (42)	-0.01	-0.00	-0.05	-0.00	0.00	0.00
483	nodo 927 (43)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
484	nodo 927 (44)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
485	nodo 894 (1)	-0.01	0.03	-0.05	-0.00	0.00	0.00
486	nodo 894 (2)	-0.01	0.03	-0.05	-0.00	0.00	0.00
487	nodo 894 (3)	-0.01	0.03	-0.05	-0.00	0.00	0.00
488	nodo 894 (4)	-0.01	0.03	-0.05	-0.00	0.00	0.00
489	nodo 894 (5)	-0.01	0.03	-0.05	-0.00	0.00	0.00
490	nodo 894 (6)	-0.01	0.03	-0.05	-0.00	0.00	0.00
491	nodo 894 (7)	-0.01	0.03	-0.05	-0.00	0.00	0.00
492	nodo 894 (8)	-0.01	0.03	-0.05	-0.00	0.00	0.00
493	nodo 894 (9)	-0.01	0.03	-0.05	-0.00	0.00	0.00
494	nodo 894 (10)	0.03	-0.04	-0.03	0.00	0.00	0.00
495	nodo 894 (11)	0.03	-0.07	-0.03	0.00	0.00	0.00
496	nodo 894 (12)	0.05	0.03	-0.03	-0.00	0.00	-0.00
497	nodo 894 (13)	0.05	-0.00	-0.03	-0.00	0.00	-0.00
498	nodo 894 (14)	-0.00	0.01	-0.03	-0.00	0.00	0.00
499	nodo 894 (15)	-0.03	0.03	-0.03	-0.00	0.00	0.00
500	nodo 894 (16)	0.03	0.06	-0.03	-0.00	0.00	-0.00
501	nodo 894 (17)	-0.00	0.07	-0.03	-0.00	0.00	-0.00
502	nodo 894 (18)	-0.06	-0.00	-0.03	-0.00	-0.00	0.00
503	nodo 894 (19)	-0.06	-0.03	-0.03	0.00	-0.00	0.00
504	nodo 894 (20)	-0.04	0.06	-0.03	-0.00	-0.00	-0.00
505	nodo 894 (21)	-0.05	0.03	-0.03	-0.00	-0.00	-0.00
506	nodo 894 (22)	-0.01	-0.08	-0.03	0.00	0.00	0.00
507	nodo 894 (23)	-0.04	-0.07	-0.03	0.00	-0.00	0.00
508	nodo 894 (24)	0.02	-0.03	-0.03	0.00	0.00	-0.00
509	nodo 894 (25)	-0.01	-0.02	-0.03	-0.00	0.00	-0.00
510	nodo 894 (26)	-0.01	0.02	-0.04	-0.00	0.00	0.00
511	nodo 894 (27)	-0.01	0.02	-0.04	-0.00	0.00	0.00

## RELAZIONE SULLE FONDAZIONI

512	nodo 894 (28)	-0.01	0.02	-0.04	-0.00	0.00	0.00
513	nodo 894 (29)	-0.01	0.02	-0.04	-0.00	0.00	0.00
514	nodo 894 (30)	-0.01	0.02	-0.04	-0.00	0.00	0.00
515	nodo 894 (31)	-0.01	0.02	-0.04	-0.00	0.00	0.00
516	nodo 894 (32)	-0.01	0.02	-0.04	-0.00	0.00	0.00
517	nodo 894 (33)	-0.01	0.02	-0.04	-0.00	0.00	0.00
518	nodo 894 (34)	-0.01	0.02	-0.04	-0.00	0.00	0.00
519	nodo 894 (35)	-0.01	-0.00	-0.04	-0.00	0.00	-0.00
520	nodo 894 (36)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
521	nodo 894 (37)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
522	nodo 894 (38)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
523	nodo 894 (39)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
524	nodo 894 (40)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
525	nodo 894 (41)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
526	nodo 894 (42)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
527	nodo 894 (43)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
528	nodo 894 (44)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
529	nodo 592 (1)	-0.01	0.03	-0.05	-0.00	0.00	0.00
530	nodo 592 (2)	-0.01	0.03	-0.05	-0.00	0.00	0.00
531	nodo 592 (3)	-0.01	0.03	-0.05	-0.00	0.00	0.00
532	nodo 592 (4)	-0.01	0.03	-0.05	-0.00	0.00	0.00
533	nodo 592 (5)	-0.01	0.04	-0.05	-0.00	0.00	0.00
534	nodo 592 (6)	-0.01	0.03	-0.05	-0.00	0.00	0.00
535	nodo 592 (7)	-0.01	0.03	-0.05	-0.00	0.00	0.00
536	nodo 592 (8)	-0.01	0.03	-0.06	-0.00	0.00	0.00
537	nodo 592 (9)	-0.01	0.03	-0.05	-0.00	0.00	0.00
538	nodo 592 (10)	0.04	0.03	-0.03	-0.00	0.00	0.00
539	nodo 592 (11)	0.04	0.00	-0.03	0.00	0.00	0.00
540	nodo 592 (12)	0.04	-0.00	-0.03	0.00	0.00	-0.00
541	nodo 592 (13)	0.04	-0.03	-0.03	0.00	0.00	-0.00
542	nodo 592 (14)	0.01	0.05	-0.03	-0.00	0.00	0.00
543	nodo 592 (15)	-0.01	0.05	-0.03	-0.00	-0.00	0.00
544	nodo 592 (16)	-0.00	0.03	-0.03	-0.00	0.00	-0.00
545	nodo 592 (17)	-0.03	0.02	-0.03	-0.00	-0.00	-0.00
546	nodo 592 (18)	-0.05	0.02	-0.03	-0.00	-0.00	0.00
547	nodo 592 (19)	-0.05	-0.01	-0.03	0.00	-0.00	0.00
548	nodo 592 (20)	-0.06	-0.01	-0.03	0.00	-0.00	-0.00
549	nodo 592 (21)	-0.06	-0.04	-0.03	0.00	-0.00	-0.00
550	nodo 592 (22)	0.01	-0.03	-0.03	0.00	0.00	0.00
551	nodo 592 (23)	-0.01	-0.04	-0.03	0.00	-0.00	0.00
552	nodo 592 (24)	-0.00	-0.06	-0.03	0.00	0.00	-0.00
553	nodo 592 (25)	-0.03	-0.06	-0.03	0.00	-0.00	-0.00
554	nodo 592 (26)	-0.01	0.02	-0.04	-0.00	0.00	0.00
555	nodo 592 (27)	-0.01	0.02	-0.04	-0.00	0.00	0.00
556	nodo 592 (28)	-0.01	0.02	-0.04	-0.00	0.00	0.00
557	nodo 592 (29)	-0.01	0.02	-0.04	-0.00	0.00	0.00
558	nodo 592 (30)	-0.01	0.02	-0.04	-0.00	0.00	0.00
559	nodo 592 (31)	-0.01	0.02	-0.04	-0.00	0.00	0.00
560	nodo 592 (32)	-0.01	0.02	-0.04	-0.00	0.00	0.00
561	nodo 592 (33)	-0.01	0.02	-0.04	-0.00	0.00	0.00
562	nodo 592 (34)	-0.01	0.02	-0.04	-0.00	0.00	0.00
563	nodo 592 (35)	-0.01	-0.01	-0.04	0.00	0.00	-0.00
564	nodo 592 (36)	-0.01	-0.01	-0.04	0.00	0.00	0.00
565	nodo 592 (37)	-0.01	-0.01	-0.04	0.00	0.00	-0.00
566	nodo 592 (38)	-0.01	-0.00	-0.04	0.00	0.00	0.00
567	nodo 592 (39)	-0.01	-0.00	-0.04	0.00	0.00	0.00

## RELAZIONE SULLE FONDAZIONI

568	nodo 592 (40)	-0.01	-0.00	-0.04	0.00	0.00	0.00
569	nodo 592 (41)	-0.01	-0.00	-0.04	0.00	0.00	0.00
570	nodo 592 (42)	-0.01	-0.01	-0.04	0.00	0.00	0.00
571	nodo 592 (43)	-0.01	-0.01	-0.04	0.00	0.00	0.00
572	nodo 592 (44)	-0.01	-0.01	-0.04	0.00	0.00	0.00
573	nodo 591 (1)	-0.01	0.03	-0.06	-0.00	-0.00	0.00
574	nodo 591 (2)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
575	nodo 591 (3)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
576	nodo 591 (4)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
577	nodo 591 (5)	-0.01	0.04	-0.05	-0.00	-0.00	0.00
578	nodo 591 (6)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
579	nodo 591 (7)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
580	nodo 591 (8)	-0.01	0.03	-0.06	-0.00	-0.00	0.00
581	nodo 591 (9)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
582	nodo 591 (10)	0.04	0.02	-0.03	-0.00	0.00	0.00
583	nodo 591 (11)	0.04	-0.00	-0.03	-0.00	0.00	0.00
584	nodo 591 (12)	0.04	0.01	-0.03	-0.00	0.00	-0.00
585	nodo 591 (13)	0.04	-0.02	-0.03	0.00	0.00	-0.00
586	nodo 591 (14)	0.02	0.05	-0.03	-0.00	-0.00	0.00
587	nodo 591 (15)	-0.01	0.04	-0.03	-0.00	-0.00	0.00
588	nodo 591 (16)	0.00	0.03	-0.03	-0.00	-0.00	-0.00
589	nodo 591 (17)	-0.03	0.03	-0.03	-0.00	-0.00	-0.00
590	nodo 591 (18)	-0.05	0.01	-0.03	-0.00	-0.00	0.00
591	nodo 591 (19)	-0.05	-0.01	-0.03	0.00	-0.00	0.00
592	nodo 591 (20)	-0.06	-0.01	-0.03	0.00	-0.00	-0.00
593	nodo 591 (21)	-0.06	-0.03	-0.03	0.00	-0.00	-0.00
594	nodo 591 (22)	0.01	-0.04	-0.03	0.00	-0.00	0.00
595	nodo 591 (23)	-0.01	-0.04	-0.03	0.00	-0.00	0.00
596	nodo 591 (24)	-0.00	-0.05	-0.03	0.00	-0.00	-0.00
597	nodo 591 (25)	-0.03	-0.05	-0.03	0.00	-0.00	-0.00
598	nodo 591 (26)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
599	nodo 591 (27)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
600	nodo 591 (28)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
601	nodo 591 (29)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
602	nodo 591 (30)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
603	nodo 591 (31)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
604	nodo 591 (32)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
605	nodo 591 (33)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
606	nodo 591 (34)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
607	nodo 591 (35)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
608	nodo 591 (36)	-0.01	-0.01	-0.04	0.00	-0.00	-0.00
609	nodo 591 (37)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
610	nodo 591 (38)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
611	nodo 591 (39)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
612	nodo 591 (40)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
613	nodo 591 (41)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
614	nodo 591 (42)	-0.01	-0.01	-0.04	0.00	-0.00	-0.00
615	nodo 591 (43)	-0.01	-0.01	-0.04	0.00	-0.00	-0.00
616	nodo 591 (44)	-0.01	-0.01	-0.04	0.00	-0.00	-0.00
617	nodo 590 (1)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
618	nodo 590 (2)	-0.01	0.03	-0.04	-0.00	-0.00	0.00
619	nodo 590 (3)	-0.01	0.03	-0.04	-0.00	-0.00	0.00
620	nodo 590 (4)	-0.01	0.03	-0.04	-0.00	-0.00	0.00
621	nodo 590 (5)	-0.01	0.04	-0.04	-0.00	-0.00	0.00
622	nodo 590 (6)	-0.01	0.03	-0.04	-0.00	-0.00	0.00
623	nodo 590 (7)	-0.01	0.03	-0.04	-0.00	-0.00	0.00

## RELAZIONE SULLE FONDAZIONI

624	nodo 590 (8)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
625	nodo 590 (9)	-0.01	0.03	-0.04	-0.00	-0.00	0.00
626	nodo 590 (10)	0.04	-0.01	-0.03	0.00	0.00	0.00
627	nodo 590 (11)	0.04	-0.03	-0.03	0.00	0.00	0.00
628	nodo 590 (12)	0.04	0.02	-0.03	-0.00	0.00	-0.00
629	nodo 590 (13)	0.04	-0.01	-0.03	0.00	0.00	-0.00
630	nodo 590 (14)	0.02	0.03	-0.03	-0.00	0.00	0.00
631	nodo 590 (15)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
632	nodo 590 (16)	0.01	0.05	-0.03	-0.00	0.00	-0.00
633	nodo 590 (17)	-0.01	0.06	-0.03	-0.00	-0.00	-0.00
634	nodo 590 (18)	-0.05	0.00	-0.03	0.00	-0.00	0.00
635	nodo 590 (19)	-0.06	-0.02	-0.03	0.00	-0.00	0.00
636	nodo 590 (20)	-0.05	0.03	-0.03	-0.00	-0.00	-0.00
637	nodo 590 (21)	-0.06	0.00	-0.03	0.00	-0.00	-0.00
638	nodo 590 (22)	0.00	-0.06	-0.03	0.00	-0.00	0.00
639	nodo 590 (23)	-0.03	-0.06	-0.03	0.00	-0.00	0.00
640	nodo 590 (24)	-0.00	-0.03	-0.03	0.00	-0.00	-0.00
641	nodo 590 (25)	-0.03	-0.03	-0.03	0.00	-0.00	-0.00
642	nodo 590 (26)	-0.01	0.02	-0.03	-0.00	-0.00	0.00
643	nodo 590 (27)	-0.00	0.02	-0.03	-0.00	-0.00	0.00
644	nodo 590 (28)	-0.01	0.02	-0.03	-0.00	-0.00	0.00
645	nodo 590 (29)	-0.01	0.02	-0.03	-0.00	-0.00	0.00
646	nodo 590 (30)	-0.01	0.02	-0.03	-0.00	-0.00	0.00
647	nodo 590 (31)	-0.01	0.02	-0.03	-0.00	-0.00	0.00
648	nodo 590 (32)	-0.01	0.02	-0.03	-0.00	-0.00	0.00
649	nodo 590 (33)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
650	nodo 590 (34)	-0.01	0.02	-0.03	-0.00	-0.00	0.00
651	nodo 590 (35)	-0.01	-0.00	-0.03	0.00	-0.00	-0.00
652	nodo 590 (36)	-0.01	-0.00	-0.03	0.00	-0.00	0.00
653	nodo 590 (37)	-0.01	-0.00	-0.03	0.00	-0.00	0.00
654	nodo 590 (38)	-0.01	-0.00	-0.03	0.00	-0.00	0.00
655	nodo 590 (39)	-0.01	-0.00	-0.04	0.00	-0.00	0.00
656	nodo 590 (40)	-0.01	-0.00	-0.03	0.00	-0.00	0.00
657	nodo 590 (41)	-0.01	-0.00	-0.04	0.00	-0.00	0.00
658	nodo 590 (42)	-0.01	-0.00	-0.04	0.00	-0.00	0.00
659	nodo 590 (43)	-0.01	-0.00	-0.03	0.00	-0.00	0.00
660	nodo 590 (44)	-0.01	-0.00	-0.03	0.00	-0.00	0.00
661	nodo 589 (1)	-0.01	0.03	-0.04	-0.00	0.00	0.00
662	nodo 589 (2)	-0.01	0.03	-0.04	-0.00	0.00	0.00
663	nodo 589 (3)	-0.01	0.03	-0.04	-0.00	0.00	0.00
664	nodo 589 (4)	-0.01	0.03	-0.04	-0.00	0.00	0.00
665	nodo 589 (5)	-0.01	0.03	-0.04	-0.00	0.00	0.00
666	nodo 589 (6)	-0.01	0.03	-0.04	-0.00	0.00	0.00
667	nodo 589 (7)	-0.01	0.03	-0.04	-0.00	0.00	0.00
668	nodo 589 (8)	-0.01	0.03	-0.04	-0.00	0.00	0.00
669	nodo 589 (9)	-0.01	0.03	-0.04	-0.00	0.00	0.00
670	nodo 589 (10)	0.04	-0.01	-0.02	0.00	0.00	0.00
671	nodo 589 (11)	0.04	-0.04	-0.02	0.00	0.00	0.00
672	nodo 589 (12)	0.04	0.03	-0.02	-0.00	0.00	-0.00
673	nodo 589 (13)	0.04	-0.00	-0.02	0.00	0.00	-0.00
674	nodo 589 (14)	-0.00	0.02	-0.02	-0.00	0.00	0.00
675	nodo 589 (15)	-0.03	0.03	-0.02	-0.00	-0.00	0.00
676	nodo 589 (16)	0.00	0.06	-0.02	-0.00	0.00	-0.00
677	nodo 589 (17)	-0.03	0.07	-0.02	-0.00	-0.00	-0.00
678	nodo 589 (18)	-0.06	-0.00	-0.02	0.00	-0.00	0.00
679	nodo 589 (19)	-0.05	-0.03	-0.02	0.00	-0.00	0.00

## RELAZIONE SULLE FONDAZIONI

680	nodo 589 (20)	-0.06	0.04	-0.02	-0.00	-0.00	-0.00
681	nodo 589 (21)	-0.05	0.01	-0.02	-0.00	-0.00	-0.00
682	nodo 589 (22)	0.01	-0.07	-0.02	0.00	0.00	0.00
683	nodo 589 (23)	-0.01	-0.07	-0.02	0.00	0.00	0.00
684	nodo 589 (24)	0.02	-0.03	-0.02	0.00	0.00	-0.00
685	nodo 589 (25)	-0.01	-0.03	-0.02	0.00	0.00	-0.00
686	nodo 589 (26)	-0.01	0.02	-0.03	-0.00	0.00	0.00
687	nodo 589 (27)	-0.00	0.02	-0.03	-0.00	0.00	0.00
688	nodo 589 (28)	-0.00	0.02	-0.03	-0.00	0.00	0.00
689	nodo 589 (29)	-0.01	0.02	-0.03	-0.00	0.00	0.00
690	nodo 589 (30)	-0.01	0.02	-0.03	-0.00	0.00	0.00
691	nodo 589 (31)	-0.01	0.02	-0.03	-0.00	0.00	0.00
692	nodo 589 (32)	-0.01	0.02	-0.03	-0.00	0.00	0.00
693	nodo 589 (33)	-0.01	0.02	-0.03	-0.00	0.00	0.00
694	nodo 589 (34)	-0.01	0.02	-0.03	-0.00	0.00	0.00
695	nodo 589 (35)	-0.01	-0.00	-0.03	0.00	0.00	0.00
696	nodo 589 (36)	-0.01	-0.00	-0.03	0.00	0.00	0.00
697	nodo 589 (37)	-0.01	-0.00	-0.03	0.00	0.00	0.00
698	nodo 589 (38)	-0.01	-0.00	-0.03	0.00	0.00	0.00
699	nodo 589 (39)	-0.01	-0.00	-0.03	0.00	0.00	0.00
700	nodo 589 (40)	-0.01	-0.00	-0.03	0.00	0.00	0.00
701	nodo 589 (41)	-0.01	-0.00	-0.03	0.00	0.00	0.00
702	nodo 589 (42)	-0.01	-0.00	-0.03	0.00	0.00	0.00
703	nodo 589 (43)	-0.01	-0.00	-0.03	0.00	0.00	0.00
704	nodo 589 (44)	-0.01	-0.00	-0.03	0.00	0.00	0.00
705	nodo 588 (1)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
706	nodo 588 (2)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
707	nodo 588 (3)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
708	nodo 588 (4)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
709	nodo 588 (5)	-0.01	0.04	-0.03	-0.00	-0.00	0.00
710	nodo 588 (6)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
711	nodo 588 (7)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
712	nodo 588 (8)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
713	nodo 588 (9)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
714	nodo 588 (10)	0.04	0.04	-0.02	-0.00	-0.00	0.00
715	nodo 588 (11)	0.04	0.01	-0.02	-0.00	-0.00	0.00
716	nodo 588 (12)	0.04	-0.01	-0.02	0.00	-0.00	-0.00
717	nodo 588 (13)	0.04	-0.03	-0.02	0.00	-0.00	-0.00
718	nodo 588 (14)	0.01	0.07	-0.02	-0.00	-0.00	0.00
719	nodo 588 (15)	-0.01	0.06	-0.02	-0.00	-0.00	0.00
720	nodo 588 (16)	0.01	0.02	-0.02	-0.00	-0.00	-0.00
721	nodo 588 (17)	-0.02	0.02	-0.02	-0.00	-0.00	-0.00
722	nodo 588 (18)	-0.05	0.02	-0.02	-0.00	-0.00	0.00
723	nodo 588 (19)	-0.06	-0.01	-0.01	0.00	-0.00	0.00
724	nodo 588 (20)	-0.05	-0.02	-0.01	0.00	-0.00	-0.00
725	nodo 588 (21)	-0.06	-0.05	-0.01	0.00	-0.00	-0.00
726	nodo 588 (22)	-0.00	-0.03	-0.02	0.00	-0.00	0.00
727	nodo 588 (23)	-0.03	-0.03	-0.02	0.00	-0.00	0.00
728	nodo 588 (24)	-0.00	-0.07	-0.02	0.00	-0.00	-0.00
729	nodo 588 (25)	-0.03	-0.08	-0.02	0.00	-0.00	-0.00
730	nodo 588 (26)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
731	nodo 588 (27)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
732	nodo 588 (28)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
733	nodo 588 (29)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
734	nodo 588 (30)	-0.01	0.03	-0.02	-0.00	-0.00	0.00
735	nodo 588 (31)	-0.01	0.02	-0.02	-0.00	-0.00	0.00

## RELAZIONE SULLE FONDAZIONI

736	nodo 588 (32)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
737	nodo 588 (33)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
738	nodo 588 (34)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
739	nodo 588 (35)	-0.01	-0.01	-0.02	0.00	-0.00	0.00
740	nodo 588 (36)	-0.01	-0.01	-0.02	0.00	-0.00	0.00
741	nodo 588 (37)	-0.01	-0.01	-0.02	0.00	-0.00	0.00
742	nodo 588 (38)	-0.01	-0.00	-0.02	0.00	-0.00	0.00
743	nodo 588 (39)	-0.01	-0.00	-0.02	0.00	-0.00	0.00
744	nodo 588 (40)	-0.01	-0.00	-0.02	0.00	-0.00	0.00
745	nodo 588 (41)	-0.01	-0.00	-0.02	0.00	-0.00	0.00
746	nodo 588 (42)	-0.01	-0.01	-0.02	0.00	-0.00	0.00
747	nodo 588 (43)	-0.01	-0.01	-0.02	0.00	-0.00	0.00
748	nodo 588 (44)	-0.01	-0.01	-0.02	0.00	-0.00	0.00
749	nodo 587 (1)	-0.01	0.03	-0.05	-0.00	0.00	0.00
750	nodo 587 (2)	-0.01	0.03	-0.05	-0.00	0.00	0.00
751	nodo 587 (3)	-0.01	0.03	-0.05	-0.00	0.00	0.00
752	nodo 587 (4)	-0.01	0.03	-0.05	-0.00	0.00	0.00
753	nodo 587 (5)	-0.01	0.04	-0.05	-0.00	0.00	0.00
754	nodo 587 (6)	-0.01	0.03	-0.05	-0.00	0.00	0.00
755	nodo 587 (7)	-0.01	0.03	-0.05	-0.00	0.00	0.00
756	nodo 587 (8)	-0.01	0.03	-0.05	-0.00	0.00	0.00
757	nodo 587 (9)	-0.01	0.03	-0.05	-0.00	0.00	0.00
758	nodo 587 (10)	0.05	0.00	-0.03	-0.00	0.00	0.00
759	nodo 587 (11)	0.04	-0.02	-0.03	0.00	0.00	0.00
760	nodo 587 (12)	0.04	0.01	-0.03	-0.00	0.00	-0.00
761	nodo 587 (13)	0.03	-0.01	-0.03	0.00	0.00	-0.00
762	nodo 587 (14)	0.03	0.03	-0.03	-0.00	0.00	0.00
763	nodo 587 (15)	-0.00	0.03	-0.03	-0.00	0.00	0.00
764	nodo 587 (16)	0.00	0.04	-0.03	-0.00	0.00	-0.00
765	nodo 587 (17)	-0.03	0.05	-0.03	-0.00	-0.00	-0.00
766	nodo 587 (18)	-0.05	0.01	-0.03	-0.00	-0.00	0.00
767	nodo 587 (19)	-0.05	-0.02	-0.03	0.00	-0.00	0.00
768	nodo 587 (20)	-0.06	0.02	-0.03	-0.00	-0.00	-0.00
769	nodo 587 (21)	-0.06	-0.01	-0.03	0.00	-0.00	-0.00
770	nodo 587 (22)	0.01	-0.05	-0.03	0.00	0.00	0.00
771	nodo 587 (23)	-0.01	-0.05	-0.03	0.00	0.00	0.00
772	nodo 587 (24)	-0.01	-0.04	-0.03	0.00	0.00	-0.00
773	nodo 587 (25)	-0.04	-0.04	-0.03	0.00	-0.00	-0.00
774	nodo 587 (26)	-0.01	0.02	-0.04	-0.00	0.00	0.00
775	nodo 587 (27)	-0.00	0.02	-0.04	-0.00	0.00	0.00
776	nodo 587 (28)	-0.01	0.02	-0.04	-0.00	0.00	0.00
777	nodo 587 (29)	-0.01	0.02	-0.04	-0.00	0.00	0.00
778	nodo 587 (30)	-0.01	0.02	-0.04	-0.00	0.00	0.00
779	nodo 587 (31)	-0.01	0.02	-0.04	-0.00	0.00	0.00
780	nodo 587 (32)	-0.01	0.02	-0.04	-0.00	0.00	0.00
781	nodo 587 (33)	-0.01	0.02	-0.04	-0.00	0.00	0.00
782	nodo 587 (34)	-0.01	0.02	-0.04	-0.00	0.00	0.00
783	nodo 587 (35)	-0.01	-0.00	-0.03	-0.00	0.00	-0.00
784	nodo 587 (36)	-0.01	-0.00	-0.03	0.00	0.00	0.00
785	nodo 587 (37)	-0.01	-0.00	-0.03	0.00	0.00	-0.00
786	nodo 587 (38)	-0.01	-0.00	-0.03	0.00	0.00	0.00
787	nodo 587 (39)	-0.01	-0.00	-0.03	-0.00	0.00	0.00
788	nodo 587 (40)	-0.01	-0.00	-0.03	-0.00	0.00	0.00
789	nodo 587 (41)	-0.01	-0.00	-0.03	0.00	0.00	0.00
790	nodo 587 (42)	-0.01	-0.00	-0.04	0.00	0.00	0.00
791	nodo 587 (43)	-0.01	-0.00	-0.03	0.00	0.00	0.00

## RELAZIONE SULLE FONDAZIONI

792	nodo 587 (44)	-0.01	-0.00	-0.03	0.00	0.00	0.00
793	nodo 250 (1)	-0.01	0.03	-0.04	-0.00	0.00	0.00
794	nodo 250 (2)	-0.00	0.03	-0.03	-0.00	0.00	0.00
795	nodo 250 (3)	-0.01	0.03	-0.03	-0.00	0.00	0.00
796	nodo 250 (4)	-0.01	0.03	-0.03	-0.00	0.00	0.00
797	nodo 250 (5)	-0.01	0.03	-0.03	-0.00	0.00	0.00
798	nodo 250 (6)	-0.01	0.03	-0.03	-0.00	0.00	0.00
799	nodo 250 (7)	-0.01	0.03	-0.03	-0.00	0.00	0.00
800	nodo 250 (8)	-0.01	0.03	-0.04	-0.00	0.00	0.00
801	nodo 250 (9)	-0.01	0.03	-0.04	-0.00	0.00	0.00
802	nodo 250 (10)	0.05	-0.01	-0.02	0.00	0.00	0.00
803	nodo 250 (11)	0.05	-0.04	-0.02	0.00	0.00	0.00
804	nodo 250 (12)	0.04	0.03	-0.02	-0.00	0.00	-0.00
805	nodo 250 (13)	0.04	-0.00	-0.02	-0.00	0.00	-0.00
806	nodo 250 (14)	0.02	0.02	-0.02	-0.00	0.00	0.00
807	nodo 250 (15)	-0.01	0.03	-0.02	-0.00	0.00	0.00
808	nodo 250 (16)	-0.00	0.06	-0.02	-0.00	0.00	-0.00
809	nodo 250 (17)	-0.03	0.07	-0.02	-0.00	-0.00	-0.00
810	nodo 250 (18)	-0.05	-0.00	-0.02	-0.00	-0.00	0.00
811	nodo 250 (19)	-0.05	-0.03	-0.02	0.00	-0.00	0.00
812	nodo 250 (20)	-0.06	0.04	-0.02	-0.00	-0.00	-0.00
813	nodo 250 (21)	-0.06	0.01	-0.02	-0.00	-0.00	-0.00
814	nodo 250 (22)	0.02	-0.07	-0.02	0.00	0.00	0.00
815	nodo 250 (23)	-0.01	-0.07	-0.02	0.00	0.00	0.00
816	nodo 250 (24)	-0.00	-0.03	-0.02	0.00	0.00	-0.00
817	nodo 250 (25)	-0.03	-0.03	-0.02	0.00	-0.00	-0.00
818	nodo 250 (26)	-0.01	0.02	-0.03	-0.00	0.00	0.00
819	nodo 250 (27)	-0.00	0.02	-0.02	-0.00	0.00	0.00
820	nodo 250 (28)	-0.00	0.02	-0.02	-0.00	0.00	0.00
821	nodo 250 (29)	-0.01	0.02	-0.02	-0.00	0.00	0.00
822	nodo 250 (30)	-0.01	0.02	-0.03	-0.00	0.00	0.00
823	nodo 250 (31)	-0.01	0.02	-0.02	-0.00	0.00	0.00
824	nodo 250 (32)	-0.01	0.02	-0.03	-0.00	0.00	0.00
825	nodo 250 (33)	-0.01	0.02	-0.03	-0.00	0.00	0.00
826	nodo 250 (34)	-0.01	0.02	-0.03	-0.00	0.00	0.00
827	nodo 250 (35)	-0.01	-0.00	-0.03	-0.00	0.00	0.00
828	nodo 250 (36)	-0.01	-0.00	-0.03	-0.00	0.00	0.00
829	nodo 250 (37)	-0.01	-0.00	-0.03	-0.00	0.00	0.00
830	nodo 250 (38)	-0.01	-0.00	-0.03	-0.00	0.00	0.00
831	nodo 250 (39)	-0.01	-0.00	-0.03	-0.00	0.00	0.00
832	nodo 250 (40)	-0.01	-0.00	-0.03	-0.00	0.00	0.00
833	nodo 250 (41)	-0.01	-0.00	-0.03	-0.00	0.00	0.00
834	nodo 250 (42)	-0.01	-0.00	-0.03	-0.00	0.00	0.00
835	nodo 250 (43)	-0.01	-0.00	-0.03	-0.00	0.00	0.00
836	nodo 250 (44)	-0.01	-0.00	-0.03	-0.00	0.00	0.00
837	nodo 249 (1)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
838	nodo 249 (2)	-0.00	0.03	-0.03	-0.00	-0.00	0.00
839	nodo 249 (3)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
840	nodo 249 (4)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
841	nodo 249 (5)	-0.01	0.04	-0.03	-0.00	-0.00	0.00
842	nodo 249 (6)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
843	nodo 249 (7)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
844	nodo 249 (8)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
845	nodo 249 (9)	-0.01	0.03	-0.03	-0.00	-0.00	0.00
846	nodo 249 (10)	0.05	0.06	-0.02	-0.00	0.00	0.00
847	nodo 249 (11)	0.05	0.03	-0.02	-0.00	0.00	0.00

## RELAZIONE SULLE FONDAZIONI

848	nodo 249 (12)	0.04	-0.01	-0.02	-0.00	-0.00	-0.00
849	nodo 249 (13)	0.03	-0.03	-0.02	0.00	-0.00	-0.00
850	nodo 249 (14)	0.02	0.07	-0.02	-0.00	-0.00	0.00
851	nodo 249 (15)	-0.01	0.06	-0.02	-0.00	-0.00	0.00
852	nodo 249 (16)	-0.00	0.02	-0.02	-0.00	-0.00	-0.00
853	nodo 249 (17)	-0.03	0.01	-0.02	-0.00	-0.00	-0.00
854	nodo 249 (18)	-0.05	0.02	-0.02	-0.00	-0.00	0.00
855	nodo 249 (19)	-0.05	-0.01	-0.02	-0.00	-0.00	0.00
856	nodo 249 (20)	-0.06	-0.04	-0.02	0.00	-0.00	-0.00
857	nodo 249 (21)	-0.06	-0.07	-0.02	0.00	-0.00	-0.00
858	nodo 249 (22)	0.02	-0.02	-0.02	0.00	-0.00	0.00
859	nodo 249 (23)	-0.01	-0.03	-0.02	0.00	-0.00	0.00
860	nodo 249 (24)	-0.01	-0.07	-0.02	0.00	-0.00	-0.00
861	nodo 249 (25)	-0.04	-0.08	-0.02	0.00	-0.00	-0.00
862	nodo 249 (26)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
863	nodo 249 (27)	-0.00	0.02	-0.02	-0.00	-0.00	0.00
864	nodo 249 (28)	-0.00	0.02	-0.02	-0.00	-0.00	0.00
865	nodo 249 (29)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
866	nodo 249 (30)	-0.01	0.03	-0.02	-0.00	-0.00	0.00
867	nodo 249 (31)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
868	nodo 249 (32)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
869	nodo 249 (33)	-0.01	0.02	-0.03	-0.00	-0.00	0.00
870	nodo 249 (34)	-0.01	0.02	-0.02	-0.00	-0.00	0.00
871	nodo 249 (35)	-0.01	-0.01	-0.03	0.00	-0.00	-0.00
872	nodo 249 (36)	-0.01	-0.01	-0.03	0.00	-0.00	-0.00
873	nodo 249 (37)	-0.01	-0.01	-0.03	0.00	-0.00	-0.00
874	nodo 249 (38)	-0.01	-0.01	-0.03	0.00	-0.00	-0.00
875	nodo 249 (39)	-0.01	-0.00	-0.03	-0.00	-0.00	0.00
876	nodo 249 (40)	-0.01	-0.01	-0.03	0.00	-0.00	-0.00
877	nodo 249 (41)	-0.01	-0.01	-0.03	0.00	-0.00	-0.00
878	nodo 249 (42)	-0.01	-0.01	-0.03	0.00	-0.00	-0.00
879	nodo 249 (43)	-0.01	-0.01	-0.03	0.00	-0.00	-0.00
880	nodo 249 (44)	-0.01	-0.01	-0.03	0.00	-0.00	-0.00
881	nodo 247 (1)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
882	nodo 247 (2)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
883	nodo 247 (3)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
884	nodo 247 (4)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
885	nodo 247 (5)	-0.01	0.04	-0.05	-0.00	-0.00	0.00
886	nodo 247 (6)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
887	nodo 247 (7)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
888	nodo 247 (8)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
889	nodo 247 (9)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
890	nodo 247 (10)	0.05	0.04	-0.03	-0.00	0.00	0.00
891	nodo 247 (11)	0.05	0.01	-0.03	-0.00	0.00	0.00
892	nodo 247 (12)	0.04	-0.00	-0.03	-0.00	0.00	-0.00
893	nodo 247 (13)	0.03	-0.03	-0.03	0.00	0.00	-0.00
894	nodo 247 (14)	0.02	0.06	-0.03	-0.00	0.00	0.00
895	nodo 247 (15)	-0.01	0.05	-0.03	-0.00	-0.00	0.00
896	nodo 247 (16)	-0.00	0.03	-0.03	-0.00	-0.00	-0.00
897	nodo 247 (17)	-0.03	0.02	-0.03	-0.00	-0.00	-0.00
898	nodo 247 (18)	-0.05	0.02	-0.03	-0.00	-0.00	0.00
899	nodo 247 (19)	-0.05	-0.01	-0.03	-0.00	-0.00	0.00
900	nodo 247 (20)	-0.06	-0.02	-0.03	0.00	-0.00	-0.00
901	nodo 247 (21)	-0.06	-0.05	-0.03	0.00	-0.00	-0.00
902	nodo 247 (22)	0.02	-0.03	-0.03	0.00	0.00	0.00
903	nodo 247 (23)	-0.01	-0.04	-0.03	0.00	-0.00	0.00

## RELAZIONE SULLE FONDAZIONI

904	nodo 247 (24)	-0.00	-0.06	-0.03	0.00	-0.00	-0.00
905	nodo 247 (25)	-0.03	-0.07	-0.03	0.00	-0.00	-0.00
906	nodo 247 (26)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
907	nodo 247 (27)	-0.00	0.02	-0.04	-0.00	-0.00	0.00
908	nodo 247 (28)	-0.00	0.02	-0.04	-0.00	-0.00	0.00
909	nodo 247 (29)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
910	nodo 247 (30)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
911	nodo 247 (31)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
912	nodo 247 (32)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
913	nodo 247 (33)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
914	nodo 247 (34)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
915	nodo 247 (35)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00
916	nodo 247 (36)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00
917	nodo 247 (37)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00
918	nodo 247 (38)	-0.01	-0.01	-0.04	-0.00	-0.00	0.00
919	nodo 247 (39)	-0.01	-0.00	-0.04	-0.00	-0.00	0.00
920	nodo 247 (40)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00
921	nodo 247 (41)	-0.01	-0.01	-0.04	-0.00	-0.00	0.00
922	nodo 247 (42)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00
923	nodo 247 (43)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00
924	nodo 247 (44)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00
925	nodo 245 (1)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
926	nodo 245 (2)	-0.01	0.03	-0.05	-0.00	-0.00	-0.00
927	nodo 245 (3)	-0.01	0.03	-0.05	-0.00	-0.00	-0.00
928	nodo 245 (4)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
929	nodo 245 (5)	-0.01	0.04	-0.05	-0.00	-0.00	0.00
930	nodo 245 (6)	-0.01	0.03	-0.05	-0.00	-0.00	-0.00
931	nodo 245 (7)	-0.01	0.03	-0.05	-0.00	-0.00	0.00
932	nodo 245 (8)	-0.01	0.03	-0.05	-0.00	-0.00	-0.00
933	nodo 245 (9)	-0.01	0.03	-0.05	-0.00	-0.00	-0.00
934	nodo 245 (10)	0.05	0.02	-0.03	-0.00	0.00	0.00
935	nodo 245 (11)	0.05	-0.01	-0.03	-0.00	0.00	0.00
936	nodo 245 (12)	0.03	0.00	-0.03	-0.00	0.00	-0.00
937	nodo 245 (13)	0.03	-0.02	-0.03	-0.00	0.00	-0.00
938	nodo 245 (14)	0.02	0.04	-0.03	-0.00	0.00	0.00
939	nodo 245 (15)	-0.01	0.04	-0.03	-0.00	-0.00	0.00
940	nodo 245 (16)	-0.00	0.03	-0.03	-0.00	-0.00	-0.00
941	nodo 245 (17)	-0.03	0.03	-0.03	-0.00	-0.00	-0.00
942	nodo 245 (18)	-0.05	0.01	-0.03	-0.00	-0.00	0.00
943	nodo 245 (19)	-0.05	-0.01	-0.03	-0.00	-0.00	0.00
944	nodo 245 (20)	-0.06	-0.00	-0.03	-0.00	-0.00	-0.00
945	nodo 245 (21)	-0.06	-0.03	-0.03	0.00	-0.00	-0.00
946	nodo 245 (22)	0.02	-0.04	-0.03	0.00	0.00	0.00
947	nodo 245 (23)	-0.01	-0.04	-0.03	0.00	-0.00	0.00
948	nodo 245 (24)	-0.00	-0.05	-0.03	0.00	-0.00	-0.00
949	nodo 245 (25)	-0.03	-0.05	-0.03	0.00	-0.00	-0.00
950	nodo 245 (26)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
951	nodo 245 (27)	-0.00	0.02	-0.04	-0.00	-0.00	-0.00
952	nodo 245 (28)	-0.00	0.02	-0.04	-0.00	-0.00	-0.00
953	nodo 245 (29)	-0.01	0.02	-0.04	-0.00	-0.00	-0.00
954	nodo 245 (30)	-0.01	0.02	-0.04	-0.00	-0.00	0.00
955	nodo 245 (31)	-0.01	0.02	-0.04	-0.00	-0.00	-0.00
956	nodo 245 (32)	-0.01	0.02	-0.04	-0.00	-0.00	-0.00
957	nodo 245 (33)	-0.01	0.02	-0.04	-0.00	-0.00	-0.00
958	nodo 245 (34)	-0.01	0.02	-0.04	-0.00	-0.00	-0.00
959	nodo 245 (35)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00

## RELAZIONE SULLE FONDAZIONI

960	nodo 245 (36)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00
961	nodo 245 (37)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00
962	nodo 245 (38)	-0.01	-0.00	-0.04	-0.00	-0.00	-0.00
963	nodo 245 (39)	-0.01	-0.00	-0.04	-0.00	-0.00	-0.00
964	nodo 245 (40)	-0.01	-0.00	-0.04	-0.00	-0.00	-0.00
965	nodo 245 (41)	-0.01	-0.00	-0.04	-0.00	-0.00	-0.00
966	nodo 245 (42)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00
967	nodo 245 (43)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00
968	nodo 245 (44)	-0.01	-0.01	-0.04	-0.00	-0.00	-0.00
969	nodo 243 (1)	-0.01	0.03	-0.06	0.00	-0.00	0.00
970	nodo 243 (2)	-0.01	0.03	-0.06	0.00	-0.00	-0.00
971	nodo 243 (3)	-0.01	0.03	-0.06	0.00	-0.00	-0.00
972	nodo 243 (4)	-0.01	0.03	-0.06	0.00	-0.00	0.00
973	nodo 243 (5)	-0.01	0.04	-0.06	0.00	-0.00	0.00
974	nodo 243 (6)	-0.01	0.03	-0.06	0.00	-0.00	0.00
975	nodo 243 (7)	-0.01	0.03	-0.06	0.00	-0.00	0.00
976	nodo 243 (8)	-0.01	0.03	-0.06	0.00	-0.00	-0.00
977	nodo 243 (9)	-0.01	0.03	-0.07	0.00	-0.00	-0.00
978	nodo 243 (10)	0.05	0.00	-0.03	0.00	0.00	0.00
979	nodo 243 (11)	0.05	-0.02	-0.03	0.00	0.00	0.00
980	nodo 243 (12)	0.03	0.01	-0.03	0.00	0.00	-0.00
981	nodo 243 (13)	0.03	-0.01	-0.03	0.00	0.00	-0.00
982	nodo 243 (14)	0.02	0.03	-0.03	-0.00	-0.00	0.00
983	nodo 243 (15)	-0.01	0.04	-0.03	-0.00	-0.00	0.00
984	nodo 243 (16)	-0.00	0.04	-0.03	-0.00	-0.00	-0.00
985	nodo 243 (17)	-0.03	0.04	-0.03	-0.00	-0.00	-0.00
986	nodo 243 (18)	-0.05	0.01	-0.03	0.00	-0.00	0.00
987	nodo 243 (19)	-0.05	-0.02	-0.03	0.00	-0.00	0.00
988	nodo 243 (20)	-0.06	0.02	-0.03	0.00	-0.00	-0.00
989	nodo 243 (21)	-0.06	-0.01	-0.03	0.00	-0.00	-0.00
990	nodo 243 (22)	0.02	-0.05	-0.03	0.00	-0.00	0.00
991	nodo 243 (23)	-0.01	-0.05	-0.03	0.00	-0.00	0.00
992	nodo 243 (24)	-0.00	-0.04	-0.03	0.00	-0.00	-0.00
993	nodo 243 (25)	-0.03	-0.04	-0.03	0.00	-0.00	-0.00
994	nodo 243 (26)	-0.01	0.02	-0.05	0.00	-0.00	0.00
995	nodo 243 (27)	-0.00	0.02	-0.04	0.00	-0.00	-0.00
996	nodo 243 (28)	-0.01	0.02	-0.04	0.00	-0.00	-0.00
997	nodo 243 (29)	-0.01	0.02	-0.04	0.00	-0.00	0.00
998	nodo 243 (30)	-0.01	0.02	-0.04	0.00	-0.00	0.00
999	nodo 243 (31)	-0.01	0.02	-0.04	0.00	-0.00	-0.00
1000	nodo 243 (32)	-0.01	0.02	-0.04	0.00	-0.00	0.00
1001	nodo 243 (33)	-0.01	0.02	-0.05	0.00	-0.00	-0.00
1002	nodo 243 (34)	-0.01	0.02	-0.05	0.00	-0.00	-0.00
1003	nodo 243 (35)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
1004	nodo 243 (36)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
1005	nodo 243 (37)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
1006	nodo 243 (38)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
1007	nodo 243 (39)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
1008	nodo 243 (40)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
1009	nodo 243 (41)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
1010	nodo 243 (42)	-0.01	-0.00	-0.05	0.00	-0.00	-0.00
1011	nodo 243 (43)	-0.01	-0.00	-0.05	0.00	-0.00	-0.00
1012	nodo 243 (44)	-0.01	-0.00	-0.04	0.00	-0.00	-0.00
1013	nodo 239 (1)	-0.01	0.03	-0.06	-0.00	0.00	0.00
1014	nodo 239 (2)	-0.00	0.03	-0.05	-0.00	0.00	0.00
1015	nodo 239 (3)	-0.01	0.03	-0.05	-0.00	0.00	0.00

## RELAZIONE SULLE FONDAZIONI

1016	nodo 239 (4)	-0.01	0.03	-0.05	-0.00	0.00	0.00
1017	nodo 239 (5)	-0.01	0.04	-0.05	-0.00	0.00	0.00
1018	nodo 239 (6)	-0.01	0.03	-0.05	-0.00	0.00	0.00
1019	nodo 239 (7)	-0.01	0.03	-0.05	-0.00	0.00	0.00
1020	nodo 239 (8)	-0.01	0.03	-0.06	-0.00	0.00	0.00
1021	nodo 239 (9)	-0.01	0.03	-0.06	-0.00	0.00	0.00
1022	nodo 239 (10)	0.05	-0.01	-0.03	-0.00	0.00	0.00
1023	nodo 239 (11)	0.05	-0.03	-0.03	0.00	0.00	0.00
1024	nodo 239 (12)	0.04	0.02	-0.03	-0.00	0.00	-0.00
1025	nodo 239 (13)	0.03	-0.01	-0.03	-0.00	0.00	-0.00
1026	nodo 239 (14)	0.03	0.03	-0.03	-0.00	0.00	0.00
1027	nodo 239 (15)	0.00	0.03	-0.03	-0.00	0.00	0.00
1028	nodo 239 (16)	-0.00	0.05	-0.03	-0.00	0.00	-0.00
1029	nodo 239 (17)	-0.03	0.06	-0.03	-0.00	-0.00	-0.00
1030	nodo 239 (18)	-0.04	0.00	-0.03	-0.00	-0.00	0.00
1031	nodo 239 (19)	-0.05	-0.02	-0.03	0.00	-0.00	0.00
1032	nodo 239 (20)	-0.06	0.03	-0.03	-0.00	-0.00	-0.00
1033	nodo 239 (21)	-0.06	0.00	-0.03	-0.00	-0.00	-0.00
1034	nodo 239 (22)	0.02	-0.06	-0.03	0.00	0.00	0.00
1035	nodo 239 (23)	-0.01	-0.06	-0.03	0.00	0.00	0.00
1036	nodo 239 (24)	-0.01	-0.03	-0.03	0.00	-0.00	-0.00
1037	nodo 239 (25)	-0.04	-0.03	-0.03	0.00	-0.00	-0.00
1038	nodo 239 (26)	-0.01	0.02	-0.04	-0.00	0.00	0.00
1039	nodo 239 (27)	-0.00	0.02	-0.04	-0.00	0.00	0.00
1040	nodo 239 (28)	-0.00	0.02	-0.04	-0.00	0.00	0.00
1041	nodo 239 (29)	-0.01	0.02	-0.04	-0.00	0.00	0.00
1042	nodo 239 (30)	-0.01	0.02	-0.04	-0.00	0.00	0.00
1043	nodo 239 (31)	-0.01	0.02	-0.04	-0.00	0.00	0.00
1044	nodo 239 (32)	-0.01	0.02	-0.04	-0.00	0.00	0.00
1045	nodo 239 (33)	-0.01	0.02	-0.04	-0.00	0.00	0.00
1046	nodo 239 (34)	-0.01	0.02	-0.04	-0.00	0.00	0.00
1047	nodo 239 (35)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
1048	nodo 239 (36)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
1049	nodo 239 (37)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
1050	nodo 239 (38)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
1051	nodo 239 (39)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
1052	nodo 239 (40)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
1053	nodo 239 (41)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
1054	nodo 239 (42)	-0.01	-0.00	-0.05	-0.00	0.00	0.00
1055	nodo 239 (43)	-0.01	-0.00	-0.05	-0.00	0.00	0.00
1056	nodo 239 (44)	-0.01	-0.00	-0.04	-0.00	0.00	0.00
1057	nodo 9 (1)	-0.01	0.03	-0.01	-0.00	-0.00	-0.00
1058	nodo 9 (2)	-0.01	0.03	-0.01	-0.00	-0.00	-0.00
1059	nodo 9 (3)	-0.01	0.03	-0.01	-0.00	-0.00	-0.00
1060	nodo 9 (4)	-0.01	0.04	-0.01	-0.00	-0.00	-0.00
1061	nodo 9 (5)	-0.01	0.04	-0.01	-0.00	-0.00	-0.00
1062	nodo 9 (6)	-0.01	0.04	-0.01	-0.00	-0.00	-0.00
1063	nodo 9 (7)	-0.01	0.04	-0.01	-0.00	-0.00	0.00
1064	nodo 9 (8)	-0.01	0.03	-0.01	-0.00	-0.00	-0.00
1065	nodo 9 (9)	-0.01	0.03	-0.01	-0.00	-0.00	-0.00
1066	nodo 9 (10)	0.04	0.00	-0.01	-0.00	0.00	-0.00
1067	nodo 9 (11)	0.04	-0.02	-0.01	-0.00	0.00	-0.00
1068	nodo 9 (12)	0.02	0.01	-0.01	-0.00	0.00	-0.00
1069	nodo 9 (13)	0.02	-0.01	-0.01	-0.00	0.00	-0.00
1070	nodo 9 (14)	0.02	0.04	-0.01	-0.00	0.00	0.00
1071	nodo 9 (15)	-0.00	0.04	-0.01	-0.00	-0.00	0.00

## RELAZIONE SULLE FONDAZIONI

1072	nodo 9 (16)	-0.02	0.04	-0.01	-0.00	-0.00	-0.00
1073	nodo 9 (17)	-0.04	0.05	-0.01	-0.00	-0.00	-0.00
1074	nodo 9 (18)	-0.03	0.01	-0.01	-0.00	-0.00	0.00
1075	nodo 9 (19)	-0.03	-0.01	-0.01	-0.00	-0.00	0.00
1076	nodo 9 (20)	-0.06	0.02	-0.01	-0.00	-0.00	0.00
1077	nodo 9 (21)	-0.06	-0.00	-0.01	-0.00	-0.00	0.00
1078	nodo 9 (22)	0.02	-0.05	-0.01	-0.00	0.00	0.00
1079	nodo 9 (23)	0.00	-0.05	-0.01	-0.00	-0.00	0.00
1080	nodo 9 (24)	-0.01	-0.04	-0.01	-0.00	-0.00	-0.00
1081	nodo 9 (25)	-0.04	-0.04	-0.01	-0.00	-0.00	0.00
1082	nodo 9 (26)	-0.01	0.02	-0.01	-0.00	-0.00	0.00
1083	nodo 9 (27)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00
1084	nodo 9 (28)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00
1085	nodo 9 (29)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00
1086	nodo 9 (30)	-0.01	0.03	-0.01	-0.00	-0.00	-0.00
1087	nodo 9 (31)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00
1088	nodo 9 (32)	-0.01	0.02	-0.01	-0.00	-0.00	0.00
1089	nodo 9 (33)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00
1090	nodo 9 (34)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00
1091	nodo 9 (35)	-0.01	-0.00	-0.01	-0.00	-0.00	0.00
1092	nodo 9 (36)	-0.01	-0.00	-0.01	-0.00	-0.00	0.00
1093	nodo 9 (37)	-0.01	-0.00	-0.01	-0.00	-0.00	0.00
1094	nodo 9 (38)	-0.01	0.00	-0.01	-0.00	-0.00	0.00
1095	nodo 9 (39)	-0.01	0.00	-0.01	-0.00	-0.00	0.00
1096	nodo 9 (40)	-0.01	0.00	-0.01	-0.00	-0.00	0.00
1097	nodo 9 (41)	-0.01	0.00	-0.01	-0.00	-0.00	0.00
1098	nodo 9 (42)	-0.01	-0.00	-0.01	-0.00	-0.00	0.00
1099	nodo 9 (43)	-0.01	-0.00	-0.01	-0.00	-0.00	0.00
1100	nodo 9 (44)	-0.01	-0.00	-0.01	-0.00	-0.00	0.00
1101	nodo 8 (1)	-0.01	0.03	-0.01	-0.00	-0.00	-0.00
1102	nodo 8 (2)	-0.01	0.03	-0.01	-0.00	-0.00	-0.00
1103	nodo 8 (3)	-0.01	0.03	-0.01	-0.00	-0.00	-0.00
1104	nodo 8 (4)	-0.01	0.04	-0.01	-0.00	-0.00	-0.00
1105	nodo 8 (5)	-0.01	0.04	-0.01	-0.00	-0.00	-0.00
1106	nodo 8 (6)	-0.01	0.04	-0.01	-0.00	-0.00	-0.00
1107	nodo 8 (7)	-0.01	0.04	-0.01	-0.00	-0.00	-0.00
1108	nodo 8 (8)	-0.01	0.03	-0.01	-0.00	-0.00	-0.00
1109	nodo 8 (9)	-0.01	0.03	-0.02	-0.00	-0.00	-0.00
1110	nodo 8 (10)	0.04	0.01	-0.01	-0.00	0.00	-0.00
1111	nodo 8 (11)	0.04	-0.01	-0.01	-0.00	0.00	-0.00
1112	nodo 8 (12)	0.02	0.02	-0.01	-0.00	0.00	-0.00
1113	nodo 8 (13)	0.02	-0.01	-0.01	-0.00	0.00	-0.00
1114	nodo 8 (14)	0.02	0.04	-0.01	-0.00	0.00	-0.00
1115	nodo 8 (15)	-0.00	0.04	-0.01	-0.00	-0.00	0.00
1116	nodo 8 (16)	-0.02	0.05	-0.01	-0.00	-0.00	-0.00
1117	nodo 8 (17)	-0.04	0.05	-0.01	-0.00	-0.00	-0.00
1118	nodo 8 (18)	-0.03	0.01	-0.01	-0.00	-0.00	0.00
1119	nodo 8 (19)	-0.03	-0.02	-0.01	-0.00	-0.00	0.00
1120	nodo 8 (20)	-0.06	0.01	-0.01	-0.00	-0.00	0.00
1121	nodo 8 (21)	-0.06	-0.02	-0.01	-0.00	-0.00	0.00
1122	nodo 8 (22)	0.02	-0.05	-0.01	-0.00	0.00	0.00
1123	nodo 8 (23)	0.00	-0.05	-0.01	-0.00	-0.00	0.00
1124	nodo 8 (24)	-0.01	-0.04	-0.01	-0.00	-0.00	-0.00
1125	nodo 8 (25)	-0.04	-0.04	-0.01	-0.00	-0.00	-0.00
1126	nodo 8 (26)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00
1127	nodo 8 (27)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00

## RELAZIONE SULLE FONDAZIONI

1128	nodo 8 (28)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00
1129	nodo 8 (29)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00
1130	nodo 8 (30)	-0.01	0.03	-0.01	-0.00	-0.00	-0.00
1131	nodo 8 (31)	-0.01	0.03	-0.01	-0.00	-0.00	-0.00
1132	nodo 8 (32)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00
1133	nodo 8 (33)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00
1134	nodo 8 (34)	-0.01	0.02	-0.01	-0.00	-0.00	-0.00
1135	nodo 8 (35)	-0.01	-0.00	-0.01	-0.00	-0.00	-0.00
1136	nodo 8 (36)	-0.01	-0.00	-0.01	-0.00	-0.00	-0.00
1137	nodo 8 (37)	-0.01	-0.00	-0.01	-0.00	-0.00	-0.00
1138	nodo 8 (38)	-0.01	0.00	-0.01	-0.00	-0.00	0.00
1139	nodo 8 (39)	-0.01	0.00	-0.01	-0.00	-0.00	0.00
1140	nodo 8 (40)	-0.01	0.00	-0.01	-0.00	-0.00	0.00
1141	nodo 8 (41)	-0.01	0.00	-0.01	-0.00	-0.00	0.00
1142	nodo 8 (42)	-0.01	-0.00	-0.01	-0.00	-0.00	-0.00
1143	nodo 8 (43)	-0.01	-0.00	-0.01	-0.00	-0.00	-0.00
1144	nodo 8 (44)	-0.01	-0.00	-0.01	-0.00	-0.00	-0.00

**6.1.7. Armature pali***6.1.7.1. Armature pali nodo 1323*

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	8	0.00	-21571.9	7540.4	6679.3	0.15	10 ø 20

*6.1.7.2. Armature pali nodo 1318*

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	52	0.00	-24974.2	8385.4	-8462.3	0.18	10 ø 20

*6.1.7.3. Armature pali nodo 1317*

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	96	0.00	-22365.6	7181.2	6815.8	0.14	10 ø 20

*6.1.7.4. Armature pali nodo 1316*

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	140	0.00	-31244.2	9950.5	-4768.1	0.15	10 ø 20

*6.1.7.5. Armature pali nodo 1282*

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	184	0.00	-40464.8	7510.0	-4158.2	0.11	10 ø 20

*6.1.7.6. Armature pali nodo 1265*

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	228	0.00	-44532.0	3409.5	5816.8	0.09	10 ø 20

6.1.7.7. Armature pali nodo 941

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	272	0.00	-67826.3	-342.0	-2211.2	0.09	10 ø 20

6.1.7.8. Armature pali nodo 938

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	316	0.00	-68296.0	464.7	1595.7	0.09	10 ø 20

6.1.7.9. Armature pali nodo 935

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	353	0.00	-58629.9	3439.3	1402.3	0.09	10 ø 20

6.1.7.10. Armature pali nodo 931

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	404	0.00	-33019.0	-573.3	11783.2	0.16	10 ø 20

6.1.7.11. Armature pali nodo 927

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	448	0.00	-62155.8	-657.5	-6365.2	0.11	10 ø 20

6.1.7.12. Armature pali nodo 894

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	492	0.00	-50985.4	-2707.5	-5141.3	0.09	10 ø 20

6.1.7.13. Armature pali nodo 592

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	536	0.00	-54850.5	593.5	-1930.6	0.08	10 ø 20

6.1.7.14. Armature pali nodo 591

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	580	0.00	-57049.0	709.5	2485.9	0.08	10 ø 20

6.1.7.15. Armature pali nodo 590

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	624	0.00	-47912.0	1307.3	878.4	0.06	10 ø 20

6.1.7.16. Armature pali nodo 589

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	668	0.00	-39447.9	1288.2	-4215.2	0.07	10 ø 20

6.1.7.17. Armature pali nodo 588

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	712	0.00	-28743.9	739.1	13230.6	0.19	10 ø 20

6.1.7.18. Armature pali nodo 587

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	756	0.00	-52912.1	14.0	-3860.7	0.08	10 ø 20

6.1.7.19. Armature pali nodo 250

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	800	0.00	-34763.8	-1102.4	-2372.3	0.05	10 ø 20

6.1.7.20. Armature pali nodo 249

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	844	0.00	-33614.3	-1177.9	8933.0	0.11	10 ø 20

6.1.7.21. Armature pali nodo 247

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	888	0.00	-53186.5	-1614.9	550.8	0.07	10 ø 20

6.1.7.22. Armature pali nodo 245

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	932	0.00	-53665.6	-1855.2	1630.9	0.08	10 ø 20

6.1.7.23. Armature pali nodo 243

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	977	0.00	-64664.0	9181.6	4324.2	0.14	10 ø 20

6.1.7.24. Armature pali nodo 239

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	1021	0.00	-55606.8	1298.6	-3986.3	0.09	10 ø 20

6.1.7.25. Armature pali nodo 9

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	1065	0.00	-14411.6	-14652.9	1223.6	0.29	10 ø 20

6.1.7.26. Armature pali nodo 8

Palo	Comb.	Quota [m]	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr	Armature
1	1109	0.00	-16453.4	-17184.9	347.0	0.34	10 ø 20

## RELAZIONE SULLE FONDAZIONI

## 6.1.8. Verifiche a taglio

Fino a quota [m]	Ø	Passo [cm]	Palo	Combinazione	quota [m]	V <sub>x</sub> [kg]	V <sub>y</sub> [kg]	V <sub>b</sub> [kg]	V <sub>r</sub> [kg]	S <sub>b</sub> /S <sub>r</sub>
10.00	10	25.00	nodo 8 - Palo 1	1109	0.00	-132.4	5575.2	5576.8	11801.5	0.5

## RELAZIONE SULLE FONDAZIONI

## 7. Verifiche setti in c.a.

## 7.1. Modalità di verifica

Le pareti in c.a. vengono verificate come setti/diaframmi o nuclei.

La verifica dei setti/diaframmi viene condotta a pressoflessione retta e a taglio. Viene calcolato lo sforzo normale medio agente sul setto e il momento ad esso associato. Quando previsto, sono introdotti ferri verticali aggiuntivi da disporsi sulle estremità del setto stesso.

La verifica dei nuclei viene condotta a pressoflessione deviata sulla sezione complessiva e a taglio sulle singole pareti costituenti il nucleo.

## 7.1.1. Sezioni Impiegate

Sez. Num.	Info	Dimensioni	Criterio	Calcestruzzo	$\gamma_M$	F.C.	$f_{ck}$ [MPa]	$f_{cd}$ [MPa]	$\sigma_{RARE}$ [MPa]	$\sigma_{FREQ}$ [MPa]	$\sigma_{QP}$ [MPa]	Acciaio
3	Muro Muro s=30 cm	s 30 [cm]	Verset	C25/30	1.50	1.00	25.0	14.2	15.0	25.0	11.3	B 450 C
$\gamma_M$	F.C.	$f_{yk}$ [MPa]	$f_{yd}$ [MPa]	$\sigma_{RARE}$ [MPa]	$\sigma_{FREQ}$ [MPa]	$\sigma_{QP}$ [MPa]	Copriferro [cm]		cotg $\theta$			
1.15	1.00	450.0	391.3	360.0	450.0	450.0	3.00		1.00			

Per nuclei e diaframmi i momenti di progetto sono traslati e involuppati

Taglio di progetto pari al taglio di calcolo

Verifica a taglio-compressione del calcestruzzo dell'anima nelle zone dissipative: fattore riduttivo 0.40

$$V_{RdC} = 0.90 l_w b_w \alpha_v f_{cd} (\cotg(\alpha) + \cotg(\theta)) / (1 + \cotg(\theta)^2)$$

## 7.1.2. Impostazioni di verifica delle sezioni delle pareti

Sezione	Info	Ausiliaria	Esistente	Secondaria	Campo Elastico	Minimi Cap. 7
3	Muro Muro s=30 cm s 30 [cm]					x

## 7.1.3. Verifiche Setti

**NUCLEO 1 z=-1.00 [m] / Nodi: 1582 1585 1581 1578 1579 1577 1576 1575 1574 6 5 / Non sisma resistente**

## • Armature Nucleo

Nodi	Sezione Numero	B [cm]	H [cm]	Spessore [cm]	Armatura Verticale	Armatura Orizzontale
1582 1585	3	126	100	30	2x $\emptyset$ 10 25' + Sx: $\emptyset$ 10 25' + Dx: $\emptyset$ 10 25'	2x $\emptyset$ 10 25'
1585 1581	3	126	100	30	2x $\emptyset$ 10 25' + Sx: $\emptyset$ 10 25' + Dx: $\emptyset$ 10 25'	2x $\emptyset$ 10 25'
1578 1579	3	230	100	30	2x $\emptyset$ 10 25' + Sx: $\emptyset$ 10 25' + Dx: $\emptyset$ 10 25'	2x $\emptyset$ 10 25'
1581 1577	3	185	100	30	2x $\emptyset$ 10 25' + Sx: $\emptyset$ 10 25' + Dx: $\emptyset$ 10 25'	2x $\emptyset$ 10 25'
1577 1578	3	230	100	30	2x $\emptyset$ 10 25' + Sx: $\emptyset$ 10 25' + Dx: $\emptyset$ 10 25'	2x $\emptyset$ 10 25'
1576 1575	3	230	100	30	2x $\emptyset$ 10 25' + Sx: $\emptyset$ 10 25' + Dx: $\emptyset$ 10 25'	2x $\emptyset$ 10 25'
1575 1574	3	230	100	30	2x $\emptyset$ 10 25' + Sx: $\emptyset$ 10 25' + Dx: $\emptyset$ 10 25'	2x $\emptyset$ 10 25'
1574 1582	3	185	100	30	2x $\emptyset$ 10 25' + Sx: $\emptyset$ 10 25' + Dx: $\emptyset$ 10 25'	2x $\emptyset$ 10 25'
6 5	3	252	100	30	2x $\emptyset$ 10 25' + Sx: $\emptyset$ 10 25' + Dx: $\emptyset$ 10 25'	2x $\emptyset$ 10 25'
1579 5	3	200	100	30	2x $\emptyset$ 10 25' + Sx: $\emptyset$ 10 25' + Dx: $\emptyset$ 10 25'	2x $\emptyset$ 10 25'
Sezione	Comb.	$N_{Ed}$ [kN]	$M_{12}$ [kNm]	$M_{13}$ [kNm]	Sd/Sr	
Base	9	-323.44	-410.73	-48.50	0.01	
Sommità	9	-129.02	-407.39	-58.11	0.00	

## RELAZIONE SULLE FONDAZIONI

S.L.E.	Combinazione	N [kN]	M <sub>12</sub> [kNm]	M <sub>13</sub> [kNm]	σ [MPa]
Base					
σ <sub>Clk,Max</sub>	44	-259.13	-269.46	-31.91	-0.1
σ <sub>Clk,Med</sub>	44	-259.13	-269.46	-31.91	-0.0
σ <sub>st</sub>	44	-259.13	-269.46	-31.91	-0.1
σ <sub>s,c</sub>	34	-244.51	-298.07	-35.97	-1.1
Sommità					
σ <sub>Clk,Max</sub>	44	-109.58	-278.48	-37.92	-0.1
σ <sub>Clk,Med</sub>	44	-109.58	-278.48	-37.92	-0.0
σ <sub>st</sub>	28	-79.91	-258.69	-42.83	1.0
σ <sub>s,c</sub>	34	-94.96	-296.65	-43.09	-0.9

7.1.3.1. Verifiche a taglio dei diaframmi

Diaframm a	B [m]	H [m]	compressione					taglio - trazione							scorrimento											
			Com b	ε	V <sub>Ed</sub> [kN]	V <sub>Rd,c</sub> [kN]	S/R	Com b	ε	V <sub>Ed</sub> [kN]	α <sub>s</sub>	V <sub>Rcd</sub> [kN]	V <sub>Rsd</sub> [kN]	V <sub>Rd</sub> [kN]	$\frac{2b}{p_v+p_n}$	S/R	Com b	ε	V <sub>Ed</sub> [kN]	V <sub>Ed</sub> [kN]	V <sub>Ed</sub> [kN]	V <sub>Ed</sub> [kN]	V <sub>Rd,s</sub> [kN]	V <sub>Ed</sub> /2	S/R	S/R
1581- 1577- 1578- 1579-5	8.4 5	1.0 0	20	1.0 0	35.71	8099.3 2	0.0 0	20	1.0 0	35.71	2.0 0	0.00	0.00	1869.7 7		0.0 2										0.0 2
6-5	2.5 2	1.0 0	9	1.0 0	51.22	2415.4 2	0.0 2	9	1.0 0	51.22	2.0 0	0.00	0.00	557.61		0.0 9										0.0 9
1576- 1575- 1574-1582	6.4 5	1.0 0	9	1.0 0	149.0 1	6182.3 2	0.0 2	9	1.0 0	149.0 1	2.0 0	0.00	0.00	1427.2 2		0.1 0										0.1 0
1582- 1585-1581	2.5 2	1.0 0	9	1.0 0	55.63	2415.4 2	0.0 2	9	1.0 0	55.63	2.0 0	0.00	0.00	557.61		0.1 0										0.1 0