

GRIN

d.o.o.

Gradbeni inženiring

C. 20. julija 2 c, 1410 Zagorje ob Savi,

GSM: 041 730 173; 031 592 924 e-posta: ivi.leskovar@siol.net

Osnovni kapital: 8.763,14 EUR

Davčna številka: 91960886

Matična številka:

5341841

Transakcijski račun:

SI 56 6100 0001 5507 737

Delavska hranilnica

INVESTITOR:STRELSKO DRUŠTVO DUŠAN POŽENEL
REČICA PRI LAŠKEM

Huda jama 1

3270 Laško**OBJEKT:**IZDELAVA NADSTREŠNICE IN KOVINSKE KONSTRUKCIJE
ZAŠČITNE BLENDE NA STRELIŠČU
STRELSKEGA DRUŠTVA
DUŠAN POŽENEL, REČICA PRI LAŠKEM**DOKUMENT:**

STATIČNI RAČUN

KRAJ GRADNJE:

Laško

ŠT. DOKUMENTA:

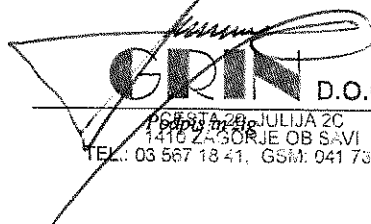
8/17-1

DATUM:

15.1.2018

Projektant GRIN d.o.o.
prokurist:

Leskovar Marjan



GRIN D.O.O.
Cesta 20. JULIJA 2C
1410 ZAGORJE OB SAVI
TEL.: 03 567 18 41, GSM: 041 730 173

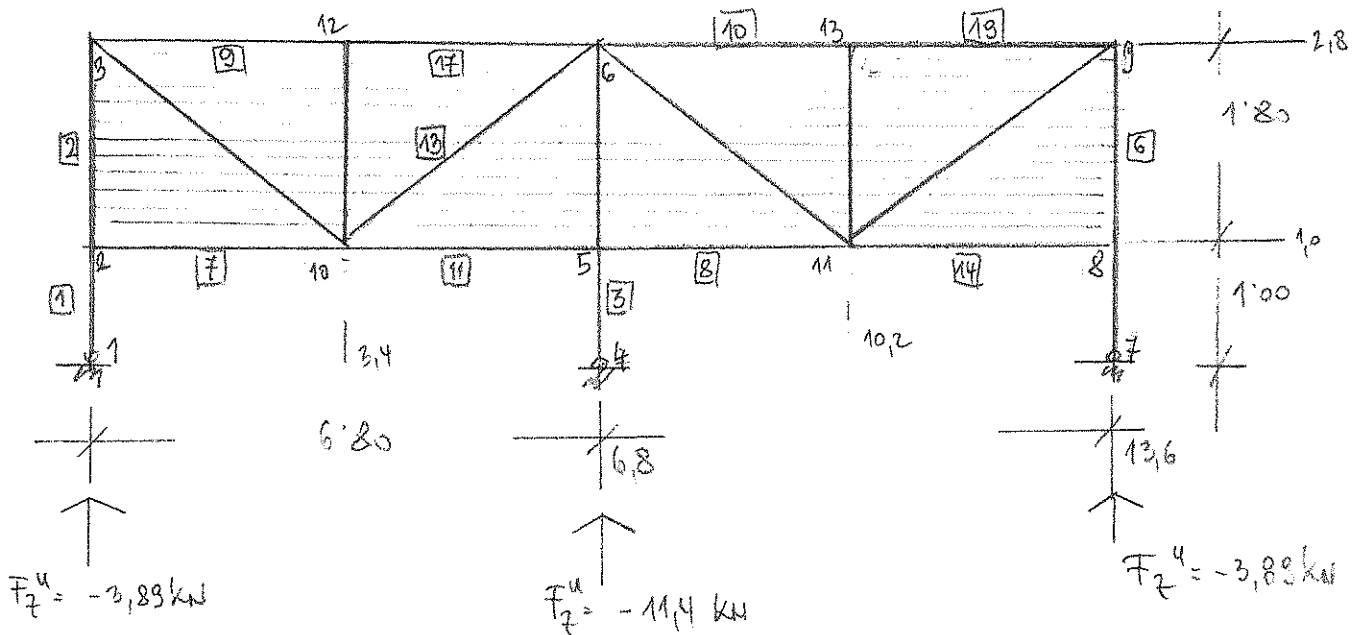
VSEBINA

I. STATIČNI RAČUN

POZ ① JERLEN OKVIR IZ HOP 50/50/3 MM, S235

1.0 ŽARNOVA

POZ ① - SD-LASKO



OBTEŽBA

l.t. konstrukcija

$$\text{plohi} \quad 0,048 \times 1,8 \times 4,20 = 0,36 \text{ kN/m}^2 = G$$

$$= 0,50 \text{ kN/m}^2 = Q$$

OBTEŽENI TEŽI

EL. 10

EL. 13

EL. 11

EL. 17

OPOMBA: KONSTRUKCIJA JE UARJENA Z ŽVIRI I. KVALITETE
NOSILNOST ŽVIROV JE ENAKA NOSILNOSTI OSNOVNEGA
MATERIALA!

DIMENZIONI PAVJE

EL. 10

KLASIFIKACIJA

NOSILNOST

STABILNOST

NAPEČOSTI

F-F

$$0,40 < 1,0$$

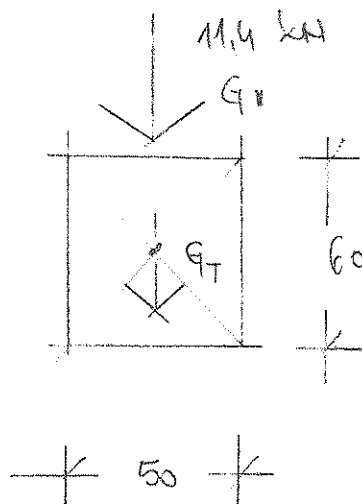
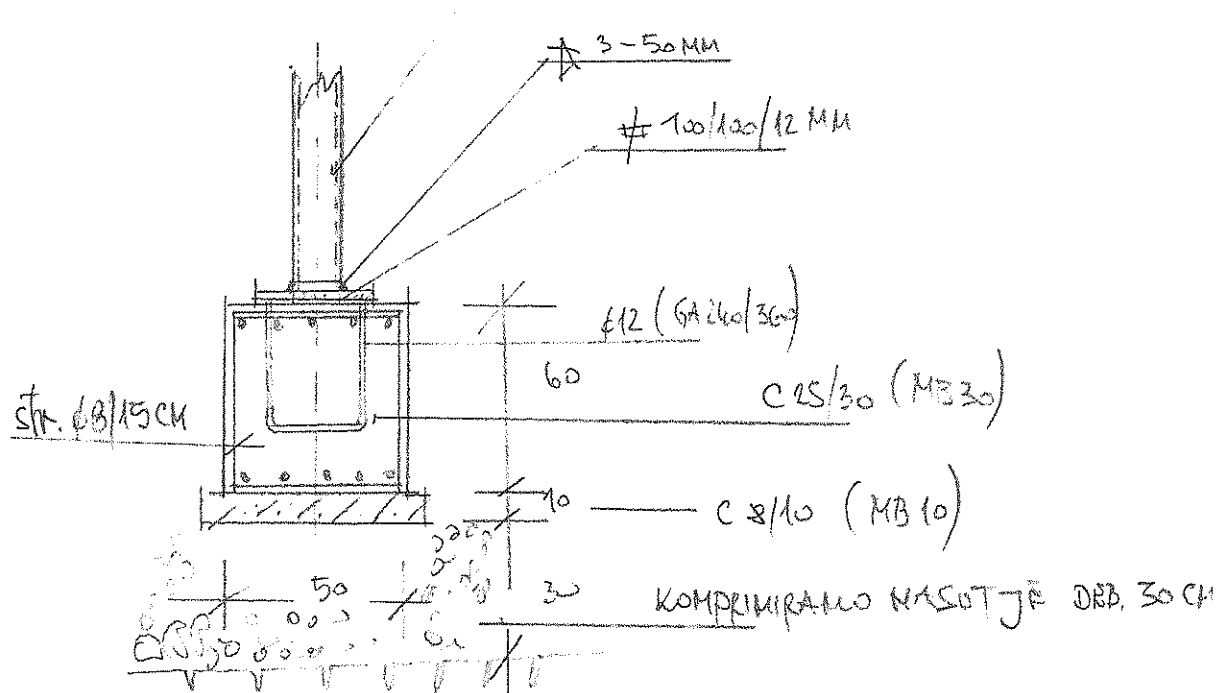
$$0,68 < 1,0$$

$$4,35 \frac{\text{kN}}{\text{cm}^2} < 25,0 \frac{\text{kN}}{\text{cm}^2}$$



400 500/3 MM

HOD 50/50/3MM



OSTRŽBA

$$G_v = 11,4 \text{ kN}$$

$$G_T = 0,5 \times 0,6 \times 25 = 3,75 \text{ kN}$$

$$\Sigma G = 15,15 \text{ kN}$$

$$\tau_n = \frac{15,15 \text{ kN}}{0,5 \times 0,5 \text{ m}^2} = 60,6 \frac{\text{kN}}{\text{m}^2}$$

POZ 1-JEKEN OKVIR IZ HOP 40/40/3 MM;S235

Shema konstrukcije

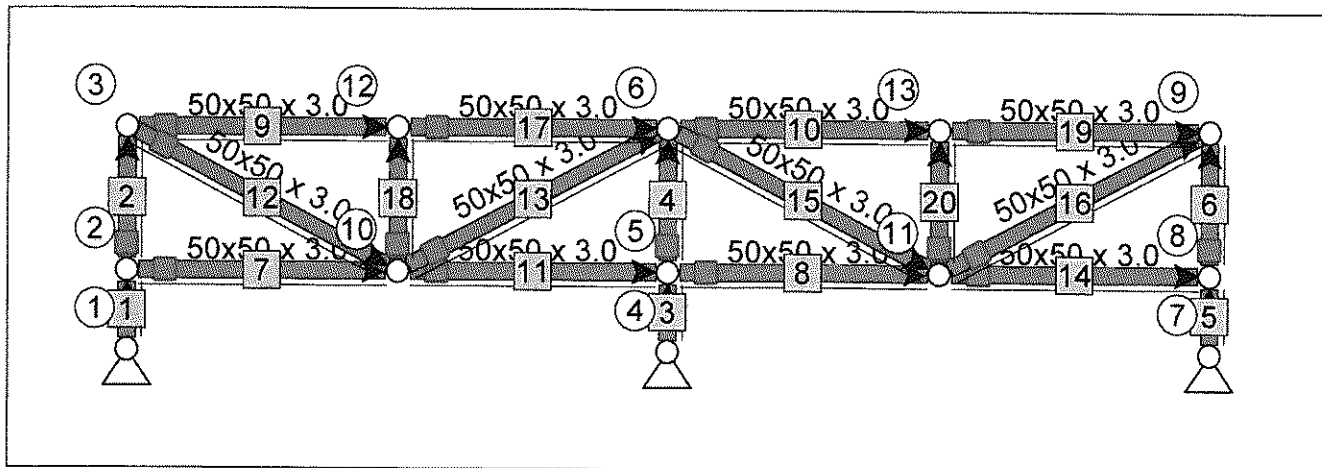


Tabela vozlišč

Index	X koor. [cm]	Z koor. [cm]	Podpore
1:	0.00000	0.00000	Ux Uz
2:	0.00000	-100.00	-
3:	0.00000	-280.00	-
4:	680.00	0.00000	Ux Uz
5:	680.00	-100.00	-
6:	680.00	-280.00	-
7:	1360.0	0.00000	Ux Uz

Index	X koor. [cm]	Z koor. [cm]	Podpore
8:	1360.0	-100.00	-
9:	1360.0	-280.00	-
10:	340.00	-100.00	-
11:	1020.0	-100.00	-
12:	340.00	-280.00	-
13:	1020.0	-280.00	-

Tabela elementov

Index	Tip	Voz. 1	Voz. 2	Prečni prerez	Material	Dolžina [cm]	Spr. 1	Spr. 2
1:	nelin.	1:	2:	1: 50x50 x 3.0	1: S 235	100.00	-	-
2:	nelin.	2:	3:	1: 50x50 x 3.0	1: S 235	180.00	-	-
3:	nelin.	4:	5:	1: 50x50 x 3.0	1: S 235	100.00	-	-
4:	nelin.	5:	6:	1: 50x50 x 3.0	1: S 235	180.00	-	-
5:	nelin.	7:	8:	1: 50x50 x 3.0	1: S 235	100.00	-	-
6:	nelin.	8:	9:	1: 50x50 x 3.0	1: S 235	180.00	-	-
7:	nelin.	2:	10:	1: 50x50 x 3.0	1: S 235	340.00	-	-
8:	nelin.	5:	11:	1: 50x50 x 3.0	1: S 235	340.00	-	-
9:	nelin.	3:	12:	1: 50x50 x 3.0	1: S 235	340.00	-	-
10:	nelin.	6:	13:	1: 50x50 x 3.0	1: S 235	340.00	-	-
11:	nelin.	10:	5:	1: 50x50 x 3.0	1: S 235	340.00	-	-
12:	nelin.	3:	10:	1: 50x50 x 3.0	1: S 235	384.71	-	-
13:	nelin.	10:	6:	1: 50x50 x 3.0	1: S 235	384.71	-	-
14:	nelin.	11:	8:	1: 50x50 x 3.0	1: S 235	340.00	-	-
15:	nelin.	6:	11:	1: 50x50 x 3.0	1: S 235	384.71	-	-
16:	nelin.	11:	9:	1: 50x50 x 3.0	1: S 235	384.71	-	-

Tabela elementov

Index	Tip	Voz. 1	Voz. 2	Prečni prerez	Material	Dolžina [cm]	Spr. 1	Spr. 2
17:	nelin.	12:	6:	1: 50x50 x 3.0	1: S 235	340.00	-	-
18:	nelin.	10:	12:	1: 50x50 x 3.0	1: S 235	180.00	-	-
19:	nelin.	13:	9:	1: 50x50 x 3.0	1: S 235	340.00	-	-
20:	nelin.	11:	13:	1: 50x50 x 3.0	1: S 235	180.00	-	-

Tabela materialov

Index	Elastični modul [kN/cm ²]	Koef. termičnega raztezka [1/d°C]
1: S 235	21000.	1.2000E-05

Tabela prečnih prerezov

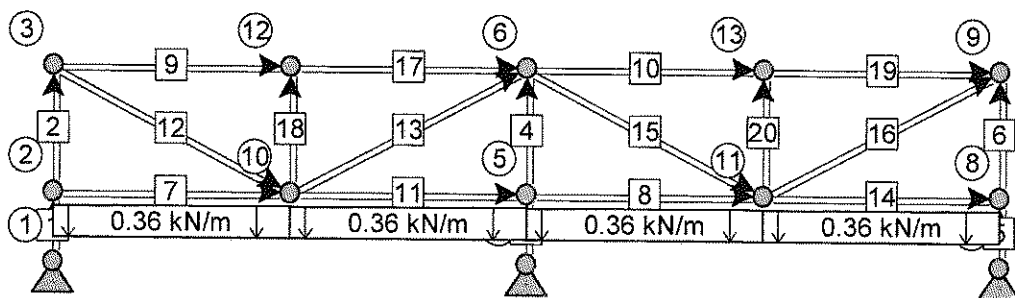
Index	A [cm ²]	I _y [cm ⁴]	Višina [cm]
1: 50x50 x 3.0	5.4082	19.467	5.0000

Obtežni vplivi in obtežni primeri

Obtežni primer	Mejno stanje	G	Q
G+Q	nosilnosti	1.35	1.50
G+Q/ser	uporabnosti	1.00	1.00

A1 : G

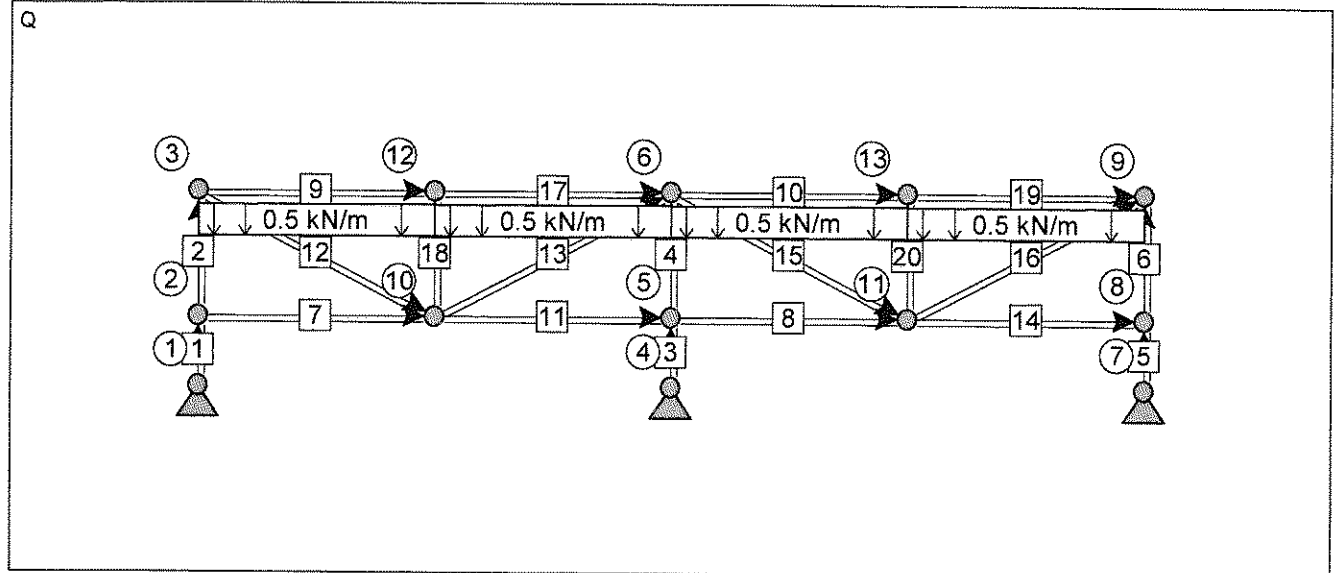
G + Lastna teža je avtomatično upoštevana.



A1: G: Enakomerna zvezna obtežba elementov

Element	F _{x s} [kN/m]	F _{x e} [kN/m]	F _{z s} [kN/m]	F _{z e} [kN/m]	M _{y s} [kNm/m]	M _{y e} [kNm/m]	Smer	Začetek	Konec	Legenda	Ime
7:	0.00000	0.00000	0.36000	0.36000	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	ST.TEŽ,
8:	0.00000	0.00000	0.36000	0.36000	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	ST.TEŽ,
11:	0.00000	0.00000	0.36000	0.36000	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	ST.TEŽ,
14:	0.00000	0.00000	0.36000	0.36000	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	ST.TEŽ,

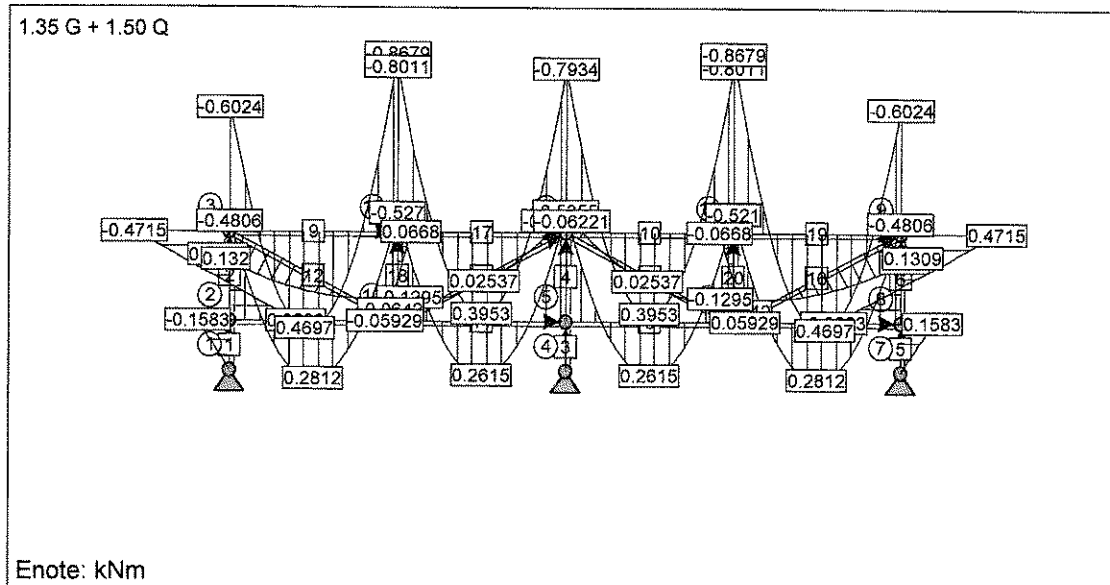
A2 : Q



A2: Q: Enakomerna zvezna obtežba elementov

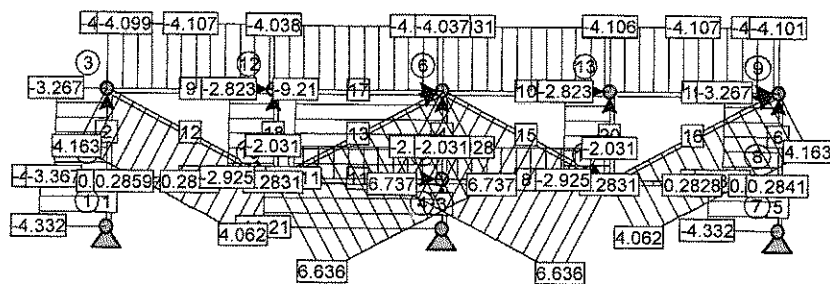
Element	Fx s [kN/m]	Fx e [kN/m]	Fz s [kN/m]	Fz e [kN/m]	My s [kNm/m]	My e [kNm/m]	Smer	Začetek	Konec	Lega	Ime
9:	0.00000	0.00000	0.50000	0.50000	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	KOR.TE
10:	0.00000	0.00000	0.50000	0.50000	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	KOR.TE
17:	0.00000	0.00000	0.50000	0.50000	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	KOR.TE
19:	0.00000	0.00000	0.50000	0.50000	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	KOR.TE

LC1: G+Q: Upogibni moment My



LC1: G+Q: Osna sila Fx

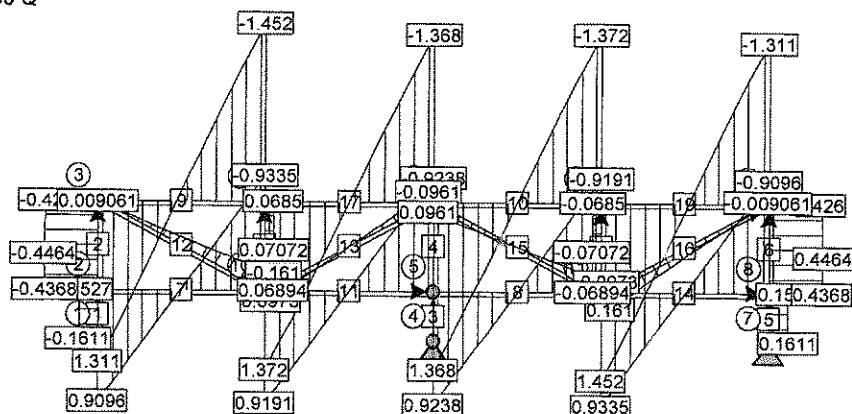
1.35 G + 1.50 Q



Enote: kN

LC1: G+Q: Prečna sila Fz

1.35 G + 1.50 Q



Enote: kN

LC1: G+Q: Vozlišeni pomiki

Voz.	ux [cm]	uz [cm]	fiy [deg]
1:	-	-	0.032428
2:	0.0087218	0.0038070	-0.079454
3:	0.033905	0.0093031	-0.27180
4:	-	-	0.00000
5:	0.00000	0.0098497	0.00000
6:	0.00000	0.024526	0.00000
7:	-	-	-0.032428

Voz	ux [cm]	uz [cm]	fiy [deg]
8:	-0.0087218	0.0038070	0.079454
9:	-0.033905	0.0093031	0.27180
10:	0.0075742	0.087195	0.019266
11:	-0.0075742	0.087195	-0.019266
12:	0.015471	0.091755	0.028924
13:	-0.015471	0.091755	-0.028924

LC1: G+Q: Reakcije

Voz	Fx [kN]	Fz [kN]	My [kNm]
1:	0.15863	-4.3321	-
4:	0.00000	-11.215	-

Voz	Fx [kN]	Fz [kN]	My [kNm]
7:	-0.15863	-4.3321	-

LC1: G+Q: Element 1:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-4.3320	-0.16108	0.00000
0.05	-4.3292	-0.16106	-0.0080533
0.10	-4.3264	-0.16099	-0.016104
0.15	-4.3236	-0.16088	-0.024151
0.20	-4.3208	-0.16073	-0.032191
0.25	-4.3180	-0.16054	-0.040223
0.30	-4.3152	-0.16031	-0.048244
0.35	-4.3124	-0.16003	-0.056253
0.40	-4.3096	-0.15971	-0.064246
0.45	-4.3068	-0.15935	-0.072222
0.50	-4.3040	-0.15895	-0.080180

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-4.3012	-0.15851	-0.088116
0.60	-4.2984	-0.15802	-0.096029
0.65	-4.2956	-0.15750	-0.10392
0.70	-4.2928	-0.15693	-0.11178
0.75	-4.2900	-0.15633	-0.11961
0.80	-4.2872	-0.15568	-0.12741
0.85	-4.2844	-0.15499	-0.13518
0.90	-4.2816	-0.15427	-0.14291
0.95	-4.2789	-0.15350	-0.15060
1.00	-4.2761	-0.15270	-0.15826

LC1: G+Q: Element 2:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-3.3665	-0.43678	0.32231
0.05	-3.3612	-0.43902	0.28290
0.10	-3.3558	-0.44097	0.24330
0.15	-3.3506	-0.44262	0.20353
0.20	-3.3453	-0.44397	0.16364
0.25	-3.3401	-0.44502	0.12363
0.30	-3.3350	-0.44578	0.083543
0.35	-3.3298	-0.44624	0.043401
0.40	-3.3248	-0.44640	0.0032318
0.45	-3.3197	-0.44627	-0.036939
0.50	-3.3147	-0.44585	-0.077085

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-3.3097	-0.44513	-0.11718
0.60	-3.3048	-0.44413	-0.15720
0.65	-3.2999	-0.44284	-0.19711
0.70	-3.2951	-0.44126	-0.23690
0.75	-3.2903	-0.43940	-0.27653
0.80	-3.2855	-0.43726	-0.31598
0.85	-3.2808	-0.43484	-0.35523
0.90	-3.2761	-0.43215	-0.39424
0.95	-3.2714	-0.42919	-0.43300
1.00	-3.2668	-0.42595	-0.47148

LC1: G+Q: Element 3:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-11.215	0.00000	0.00000
0.05	-11.212	0.00000	0.00000
0.10	-11.209	0.00000	0.00000
0.15	-11.206	0.00000	0.00000
0.20	-11.203	0.00000	0.00000
0.25	-11.201	0.00000	0.00000
0.30	-11.198	0.00000	0.00000

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.35	-11.195	0.00000	0.00000
0.40	-11.192	0.00000	0.00000
0.45	-11.189	0.00000	0.00000
0.50	-11.187	0.00000	0.00000
0.55	-11.184	0.00000	0.00000
0.60	-11.181	0.00000	0.00000
0.65	-11.178	0.00000	0.00000

LC1: G+Q: Element 3:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.70	-11.175	0.00000	0.00000
0.75	-11.172	0.00000	0.00000
0.80	-11.170	0.00000	0.00000
0.85	-11.167	0.00000	0.00000

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.90	-11.164	0.00000	0.00000
0.95	-11.161	0.00000	0.00000
1.00	-11.158	0.00000	0.00000

LC1: G+Q: Element 4:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-9.3108	0.00000	0.00000
0.05	-9.3057	0.00000	0.00000
0.10	-9.3007	0.00000	0.00000
0.15	-9.2956	0.00000	0.00000
0.20	-9.2906	0.00000	0.00000
0.25	-9.2855	0.00000	0.00000
0.30	-9.2804	0.00000	0.00000
0.35	-9.2754	0.00000	0.00000
0.40	-9.2703	0.00000	0.00000
0.45	-9.2653	0.00000	0.00000
0.50	-9.2602	0.00000	0.00000

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-9.2551	0.00000	0.00000
0.60	-9.2501	0.00000	0.00000
0.65	-9.2450	0.00000	0.00000
0.70	-9.2400	0.00000	0.00000
0.75	-9.2349	0.00000	0.00000
0.80	-9.2298	0.00000	0.00000
0.85	-9.2248	0.00000	0.00000
0.90	-9.2197	0.00000	0.00000
0.95	-9.2147	0.00000	0.00000
1.00	-9.2096	0.00000	0.00000

LC1: G+Q: Element 5:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-4.3320	0.16108	0.00000
0.05	-4.3292	0.16106	0.0080533
0.10	-4.3264	0.16099	0.016104
0.15	-4.3236	0.16088	0.024151
0.20	-4.3208	0.16073	0.032191
0.25	-4.3180	0.16054	0.040223
0.30	-4.3152	0.16031	0.048244
0.35	-4.3124	0.16003	0.056253
0.40	-4.3096	0.15971	0.064246
0.45	-4.3068	0.15935	0.072222
0.50	-4.3040	0.15895	0.080180

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-4.3012	0.15851	0.088116
0.60	-4.2984	0.15802	0.096029
0.65	-4.2956	0.15750	0.10392
0.70	-4.2928	0.15693	0.11178
0.75	-4.2900	0.15633	0.11961
0.80	-4.2872	0.15568	0.12741
0.85	-4.2844	0.15499	0.13518
0.90	-4.2816	0.15427	0.14291
0.95	-4.2789	0.15350	0.15060
1.00	-4.2761	0.15270	0.15826

LC1: G+Q: Element 6:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-3.3665	0.43678	-0.32231
0.05	-3.3612	0.43902	-0.28290
0.10	-3.3558	0.44097	-0.24330
0.15	-3.3506	0.44262	-0.20353
0.20	-3.3453	0.44397	-0.16364

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.25	-3.3401	0.44502	-0.12363
0.30	-3.3350	0.44578	-0.083543
0.35	-3.3298	0.44624	-0.043401
0.40	-3.3248	0.44640	-0.0032318
0.45	-3.3197	0.44627	0.036939

LC1: G+Q: Element 6:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.50	-3.3147	0.44585	0.077085
0.55	-3.3097	0.44513	0.11718
0.60	-3.3048	0.44413	0.15720
0.65	-3.2999	0.44284	0.19711
0.70	-3.2951	0.44126	0.23690
0.75	-3.2903	0.43940	0.27653

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.80	-3.2855	0.43726	0.31598
0.85	-3.2808	0.43484	0.35523
0.90	-3.2761	0.43215	0.39424
0.95	-3.2714	0.42919	0.43300
1.00	-3.2668	0.42595	0.47148

LC1: G+Q: Element 7:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	0.28408	0.90956	-0.48057
0.05	0.28533	0.81690	-0.33382
0.10	0.28585	0.72441	-0.20281
0.15	0.28584	0.63206	-0.087511
0.20	0.28548	0.53984	0.012099
0.25	0.28493	0.44773	0.096041
0.30	0.28430	0.35571	0.16433
0.35	0.28370	0.26376	0.21699
0.40	0.28323	0.17186	0.25401
0.45	0.28292	0.079992	0.27542
0.50	0.28282	-0.011857	0.28121

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	0.28293	-0.10371	0.27139
0.60	0.28323	-0.19558	0.24595
0.65	0.28370	-0.28749	0.20489
0.70	0.28427	-0.37946	0.14820
0.75	0.28484	-0.47150	0.075867
0.80	0.28531	-0.56364	-0.012119
0.85	0.28555	-0.65589	-0.11578
0.90	0.28539	-0.74828	-0.23513
0.95	0.28465	-0.84081	-0.37020
1.00	0.28313	-0.93351	-0.52102

LC1: G+Q: Element 8:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-2.0310	0.92382	-0.53549
0.05	-2.0294	0.83552	-0.38593
0.10	-2.0286	0.74602	-0.25149
0.15	-2.0284	0.65545	-0.13235
0.20	-2.0286	0.56394	-0.028692
0.25	-2.0290	0.47162	0.059340
0.30	-2.0295	0.37863	0.13162
0.35	-2.0301	0.28509	0.18804
0.40	-2.0305	0.19114	0.22852
0.45	-2.0309	0.096918	0.25301
0.50	-2.0310	0.0025561	0.26146

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-2.0309	-0.091810	0.25388
0.60	-2.0307	-0.18604	0.23026
0.65	-2.0302	-0.28001	0.19064
0.70	-2.0297	-0.37357	0.13508
0.75	-2.0292	-0.46660	0.063659
0.80	-2.0288	-0.55896	-0.023523
0.85	-2.0287	-0.65051	-0.12634
0.90	-2.0289	-0.74114	-0.24464
0.95	-2.0297	-0.83070	-0.37826
1.00	-2.0313	-0.91907	-0.52700

LC1: G+Q: Element 9:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-4.1009	1.3110	-0.60242
0.05	-4.0991	1.1823	-0.39046
0.10	-4.0988	1.0503	-0.20065

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.15	-4.0994	0.91519	-0.033546
0.20	-4.1007	0.77745	0.11036
0.25	-4.1023	0.63745	0.23065

LC1: G+Q: Element 9:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.30	-4.1039	0.49561	0.32698
0.35	-4.1054	0.35232	0.39907
0.40	-4.1064	0.20801	0.44670
0.45	-4.1070	0.063090	0.46975
0.50	-4.1070	-0.082012	0.46814
0.55	-4.1065	-0.22688	0.44188
0.60	-4.1055	-0.37108	0.39105
0.65	-4.1041	-0.51420	0.31579

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.70	-4.1026	-0.65583	0.21632
0.75	-4.1011	-0.79556	0.092924
0.80	-4.1000	-0.93298	-0.054038
0.85	-4.0996	-1.0677	-0.22414
0.90	-4.1002	-1.1993	-0.41688
0.95	-4.1023	-1.3275	-0.63169
1.00	-4.1063	-1.4518	-0.86793

LC1: G+Q: Element 10:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-4.0371	1.3675	-0.79341
0.05	-4.0336	1.2419	-0.57159
0.10	-4.0319	1.1127	-0.37142
0.15	-4.0314	0.98034	-0.19347
0.20	-4.0318	0.84519	-0.038260
0.25	-4.0328	0.70764	0.093761
0.30	-4.0340	0.56807	0.20222
0.35	-4.0352	0.42688	0.28680
0.40	-4.0362	0.28447	0.34727
0.45	-4.0369	0.14124	0.38346
0.50	-4.0371	-0.0023869	0.39527

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-4.0369	-0.14601	0.38265
0.60	-4.0363	-0.28921	0.34565
0.65	-4.0353	-0.43159	0.28438
0.70	-4.0341	-0.57274	0.19900
0.75	-4.0330	-0.71225	0.089751
0.80	-4.0321	-0.84973	-0.043047
0.85	-4.0317	-0.98479	-0.19902
0.90	-4.0323	-1.1170	-0.37772
0.95	-4.0342	-1.2461	-0.57862
1.00	-4.0378	-1.3716	-0.80115

LC1: G+Q: Element 11:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-2.0313	0.91907	-0.52700
0.05	-2.0297	0.83070	-0.37826
0.10	-2.0289	0.74114	-0.24464
0.15	-2.0287	0.65051	-0.12634
0.20	-2.0288	0.55896	-0.023523
0.25	-2.0292	0.46660	0.063659
0.30	-2.0297	0.37357	0.13508
0.35	-2.0302	0.28001	0.19064
0.40	-2.0307	0.18604	0.23026
0.45	-2.0309	0.091810	0.25388
0.50	-2.0310	-0.0025561	0.26146

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-2.0309	-0.096918	0.25301
0.60	-2.0305	-0.19114	0.22852
0.65	-2.0301	-0.28509	0.18804
0.70	-2.0295	-0.37863	0.13162
0.75	-2.0290	-0.47162	0.059340
0.80	-2.0286	-0.56394	-0.028692
0.85	-2.0284	-0.65545	-0.13235
0.90	-2.0286	-0.74602	-0.25149
0.95	-2.0294	-0.83552	-0.38593
1.00	-2.0310	-0.92382	-0.53549

LC1: G+Q: Element 12:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	4.1630	0.0090605	0.13093
0.05	4.1578	0.0021008	0.13202
0.10	4.1527	-0.0048572	0.13176
0.15	4.1477	-0.011840	0.13016
0.20	4.1426	-0.018873	0.12720
0.25	4.1375	-0.025983	0.12288
0.30	4.1325	-0.033196	0.11719
0.35	4.1274	-0.040540	0.11010
0.40	4.1224	-0.048040	0.10158
0.45	4.1173	-0.055724	0.091607
0.50	4.1123	-0.063620	0.080135

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	4.1073	-0.071756	0.067122
0.60	4.1023	-0.080163	0.052517
0.65	4.0972	-0.088870	0.036265
0.70	4.0922	-0.097908	0.018306
0.75	4.0872	-0.10731	-0.0014288
0.80	4.0821	-0.11711	-0.023011
0.85	4.0770	-0.12734	-0.046519
0.90	4.0720	-0.13804	-0.072036
0.95	4.0668	-0.14924	-0.099652
1.00	4.0617	-0.16099	-0.12946

LC1: G+Q: Element 13:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	6.6362	0.097298	-0.064201
0.05	6.6413	0.086017	-0.046582
0.10	6.6463	0.075250	-0.031079
0.15	6.6514	0.064935	-0.017601
0.20	6.6565	0.055010	-0.0060686
0.25	6.6615	0.045416	0.0035859
0.30	6.6666	0.036096	0.011421
0.35	6.6716	0.026995	0.017485
0.40	6.6767	0.018058	0.021815
0.45	6.6818	0.0092308	0.024438
0.50	6.6868	0.00046067	0.025370

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	6.6919	-0.0083054	0.024616
0.60	6.6969	-0.017121	0.022174
0.65	6.7020	-0.026039	0.018026
0.70	6.7071	-0.035114	0.012148
0.75	6.7121	-0.044402	0.0045033
0.80	6.7172	-0.053959	-0.0049541
0.85	6.7223	-0.063845	-0.016282
0.90	6.7273	-0.074121	-0.029546
0.95	6.7324	-0.084849	-0.044827
1.00	6.7374	-0.096097	-0.062211

LC1: G+Q: Element 14:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	0.28313	0.93351	-0.52102
0.05	0.28465	0.84081	-0.37020
0.10	0.28539	0.74828	-0.23513
0.15	0.28555	0.65589	-0.11578
0.20	0.28531	0.56364	-0.012119
0.25	0.28484	0.47150	0.075867
0.30	0.28427	0.37946	0.14820
0.35	0.28370	0.28749	0.20489
0.40	0.28323	0.19558	0.24595
0.45	0.28293	0.10371	0.27139
0.50	0.28282	0.011857	0.28121

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	0.28292	-0.079992	0.27542
0.60	0.28323	-0.17186	0.25401
0.65	0.28370	-0.26376	0.21699
0.70	0.28430	-0.35571	0.16433
0.75	0.28493	-0.44773	0.096041
0.80	0.28548	-0.53984	0.012099
0.85	0.28584	-0.63206	-0.087511
0.90	0.28585	-0.72441	-0.20281
0.95	0.28533	-0.81690	-0.33382
1.00	0.28408	-0.90956	-0.48057

LC1: G+Q: Element 15:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	6.7374	0.096097	-0.062211
0.05	6.7324	0.084849	-0.044827
0.10	6.7273	0.074121	-0.029546
0.15	6.7223	0.063845	-0.016282
0.20	6.7172	0.053959	-0.0049541
0.25	6.7121	0.044402	0.0045033
0.30	6.7071	0.035114	0.012148
0.35	6.7020	0.026039	0.018026
0.40	6.6969	0.017121	0.022174
0.45	6.6919	0.0083054	0.024616
0.50	6.6868	-0.00046067	0.025370

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	6.6818	-0.0092308	0.024438
0.60	6.6767	-0.018058	0.021815
0.65	6.6716	-0.026995	0.017485
0.70	6.6666	-0.036096	0.011421
0.75	6.6615	-0.045416	0.0035859
0.80	6.6565	-0.055010	-0.0060686
0.85	6.6514	-0.064935	-0.017601
0.90	6.6463	-0.075250	-0.031079
0.95	6.6413	-0.086017	-0.046582
1.00	6.6362	-0.097298	-0.064201

LC1: G+Q: Element 16:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	4.0617	0.16099	-0.12946
0.05	4.0668	0.14924	-0.099652
0.10	4.0720	0.13804	-0.072036
0.15	4.0770	0.12734	-0.046519
0.20	4.0821	0.11711	-0.023011
0.25	4.0872	0.10731	-0.0014288
0.30	4.0922	0.097908	0.018306
0.35	4.0972	0.088870	0.036265
0.40	4.1023	0.080163	0.052517
0.45	4.1073	0.071756	0.067122
0.50	4.1123	0.063620	0.080135

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	4.1173	0.055724	0.091607
0.60	4.1224	0.048040	0.10158
0.65	4.1274	0.040540	0.11010
0.70	4.1325	0.033196	0.11719
0.75	4.1375	0.025983	0.12288
0.80	4.1426	0.018873	0.12720
0.85	4.1477	0.011840	0.13016
0.90	4.1527	0.0048572	0.13176
0.95	4.1578	-0.0021008	0.13202
1.00	4.1630	-0.0090605	0.13093

LC1: G+Q: Element 17:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-4.0378	1.3716	-0.80115
0.05	-4.0342	1.2461	-0.57862
0.10	-4.0323	1.1170	-0.37772
0.15	-4.0317	0.98479	-0.19902
0.20	-4.0321	0.84973	-0.043047
0.25	-4.0330	0.71225	0.089751
0.30	-4.0341	0.57274	0.19900
0.35	-4.0353	0.43159	0.28438
0.40	-4.0363	0.28921	0.34565
0.45	-4.0369	0.14601	0.38265
0.50	-4.0371	0.0023869	0.39527

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-4.0369	-0.14124	0.38346
0.60	-4.0362	-0.28447	0.34727
0.65	-4.0352	-0.42688	0.28680
0.70	-4.0340	-0.56807	0.20222
0.75	-4.0328	-0.70764	0.093761
0.80	-4.0318	-0.84519	-0.038260
0.85	-4.0314	-0.98034	-0.19347
0.90	-4.0319	-1.1127	-0.37142
0.95	-4.0336	-1.2419	-0.57159
1.00	-4.0371	-1.3675	-0.79341

LC1: G+Q: Element 18:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-2.9246	0.068940	-0.059287
0.05	-2.9195	0.069303	-0.053066
0.10	-2.9144	0.069625	-0.046814
0.15	-2.9094	0.069905	-0.040535
0.20	-2.9043	0.070144	-0.034233
0.25	-2.8992	0.070342	-0.027911
0.30	-2.8942	0.070499	-0.021573
0.35	-2.8891	0.070615	-0.015222
0.40	-2.8840	0.070690	-0.0088635
0.45	-2.8790	0.070725	-0.0024997
0.50	-2.8739	0.070719	0.0038653

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-2.8689	0.070673	0.010228
0.60	-2.8638	0.070587	0.016585
0.65	-2.8587	0.070462	0.022932
0.70	-2.8537	0.070297	0.029267
0.75	-2.8486	0.070093	0.035584
0.80	-2.8436	0.069850	0.041882
0.85	-2.8385	0.069569	0.048156
0.90	-2.8335	0.069250	0.054403
0.95	-2.8284	0.068893	0.060619
1.00	-2.8234	0.068498	0.066802

LC1: G+Q: Element 19:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-4.1063	1.4518	-0.86793
0.05	-4.1023	1.3275	-0.63169
0.10	-4.1002	1.1993	-0.41688
0.15	-4.0996	1.0677	-0.22414
0.20	-4.1000	0.93298	-0.054038
0.25	-4.1011	0.79556	0.092924
0.30	-4.1026	0.65583	0.21632
0.35	-4.1041	0.51420	0.31579
0.40	-4.1055	0.37108	0.39105
0.45	-4.1065	0.22688	0.44188
0.50	-4.1070	0.082012	0.46814

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-4.1070	-0.063090	0.46975
0.60	-4.1064	-0.20801	0.44670
0.65	-4.1054	-0.35232	0.39907
0.70	-4.1039	-0.49561	0.32698
0.75	-4.1023	-0.63745	0.23065
0.80	-4.1007	-0.77745	0.11036
0.85	-4.0994	-0.91519	-0.033546
0.90	-4.0988	-1.0503	-0.20065
0.95	-4.0991	-1.1823	-0.39046
1.00	-4.1009	-1.3110	-0.60242

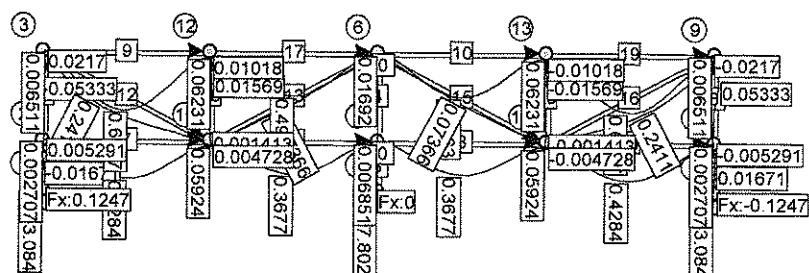
LC1: G+Q: Element 20:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-2.9246	-0.068940	0.059287
0.05	-2.9195	-0.069303	0.053066
0.10	-2.9144	-0.069625	0.046814
0.15	-2.9094	-0.069905	0.040535
0.20	-2.9043	-0.070144	0.034233
0.25	-2.8992	-0.070342	0.027911
0.30	-2.8942	-0.070499	0.021573
0.35	-2.8891	-0.070615	0.015222
0.40	-2.8840	-0.070690	0.0088635
0.45	-2.8790	-0.070725	0.0024997
0.50	-2.8739	-0.070719	-0.0038653

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-2.8689	-0.070673	-0.010228
0.60	-2.8638	-0.070587	-0.016585
0.65	-2.8587	-0.070462	-0.022932
0.70	-2.8537	-0.070297	-0.029267
0.75	-2.8486	-0.070093	-0.035584
0.80	-2.8436	-0.069850	-0.041882
0.85	-2.8385	-0.069569	-0.048156
0.90	-2.8335	-0.069250	-0.054403
0.95	-2.8284	-0.068893	-0.060619
1.00	-2.8234	-0.068498	-0.066802

LC2: G+Q/ser: Pomiki in reakcije

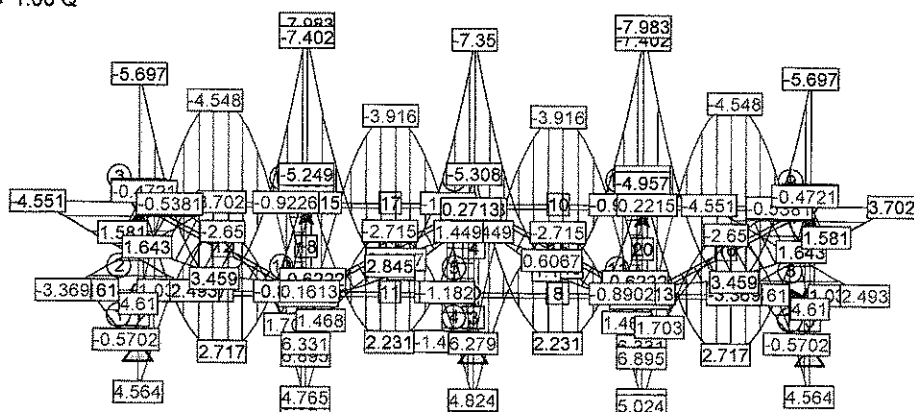
1.00 G + 1.00 Q



Enote: cm, kN, kNm

LC2: G+Q/ser: Napetost

1.00 G + 1.00 Q



Enote: kN/cm²

LC2: G+Q/ser: Vozlišeni pomiki

Voz.	ux [cm]	uz [cm]	fiy [deg]
1:	-	-	0.026309
2:	0.0052913	0.0027074	-0.061492
3:	0.021695	0.0065111	-0.18074
4:	-	-	0.00000
5:	0.00000	0.0068514	0.00000
6:	0.00000	0.016923	0.00000
7:	-	-	-0.026309

Voz.	ux [cm]	uz [cm]	fiy [deg]
8:	-0.0052913	0.0027074	0.061492
9:	-0.021695	0.0065111	0.18074
10:	0.0047283	0.059244	0.013980
11:	-0.0047283	0.059244	-0.013980
12:	0.010175	0.062311	0.018586
13:	-0.010175	0.062311	-0.018586

LC2: G+Q/ser: Reakcije

Voz	Fx [kN]	Fz [kN]	My [kNm]
1:	0.12467	-3.0837	-
4:	0.00000	-7.8021	-

Voz	Fx [kN]	Fz [kN]	My [kNm]
7:	-0.12467	-3.0837	-

LC2: G+Q/ser: Element 1:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-3.0836	-0.12609	0.00000
0.05	-3.0816	-0.12607	-0.0063040
0.10	-3.0795	-0.12604	-0.012607
0.15	-3.0774	-0.12598	-0.018907
0.20	-3.0753	-0.12589	-0.025204
0.25	-3.0732	-0.12579	-0.031496
0.30	-3.0712	-0.12566	-0.037782
0.35	-3.0691	-0.12550	-0.044060
0.40	-3.0670	-0.12532	-0.050331
0.45	-3.0649	-0.12512	-0.056592
0.50	-3.0629	-0.12490	-0.062843

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-3.0608	-0.12465	-0.069081
0.60	-3.0587	-0.12438	-0.075307
0.65	-3.0566	-0.12409	-0.081519
0.70	-3.0546	-0.12377	-0.087715
0.75	-3.0525	-0.12343	-0.093895
0.80	-3.0504	-0.12307	-0.10006
0.85	-3.0484	-0.12269	-0.10620
0.90	-3.0463	-0.12228	-0.11233
0.95	-3.0442	-0.12186	-0.11843
1.00	-3.0422	-0.12141	-0.12451

LC2: G+Q/ser: Element 2:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-2.3701	-0.30299	0.22824
0.05	-2.3662	-0.30411	0.20092
0.10	-2.3623	-0.30508	0.17351
0.15	-2.3585	-0.30591	0.14601
0.20	-2.3546	-0.30660	0.11845
0.25	-2.3508	-0.30714	0.090831
0.30	-2.3470	-0.30753	0.063170
0.35	-2.3432	-0.30778	0.035481
0.40	-2.3395	-0.30789	0.0077746
0.45	-2.3357	-0.30786	-0.019935
0.50	-2.3320	-0.30768	-0.047634

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-2.3283	-0.30736	-0.075311
0.60	-2.3246	-0.30690	-0.10295
0.65	-2.3209	-0.30630	-0.13055
0.70	-2.3173	-0.30557	-0.15808
0.75	-2.3137	-0.30469	-0.18555
0.80	-2.3100	-0.30368	-0.21292
0.85	-2.3064	-0.30253	-0.24020
0.90	-2.3029	-0.30125	-0.26737
0.95	-2.2993	-0.29984	-0.29442
1.00	-2.2958	-0.29829	-0.32134

LC2: G+Q/ser: Element 3:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-7.8021	0.00000	0.00000
0.05	-7.8000	0.00000	0.00000
0.10	-7.7979	0.00000	0.00000
0.15	-7.7959	0.00000	0.00000
0.20	-7.7938	0.00000	0.00000
0.25	-7.7917	0.00000	0.00000
0.30	-7.7896	0.00000	0.00000

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.35	-7.7875	0.00000	0.00000
0.40	-7.7854	0.00000	0.00000
0.45	-7.7834	0.00000	0.00000
0.50	-7.7813	0.00000	0.00000
0.55	-7.7792	0.00000	0.00000
0.60	-7.7771	0.00000	0.00000
0.65	-7.7750	0.00000	0.00000

LC2: G+Q/ser: Element 3:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.70	-7.7729	0.00000	0.00000
0.75	-7.7709	0.00000	0.00000
0.80	-7.7688	0.00000	0.00000
0.85	-7.7667	0.00000	0.00000

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.90	-7.7646	0.00000	0.00000
0.95	-7.7625	0.00000	0.00000
1.00	-7.7605	0.00000	0.00000

LC2: G+Q/ser: Element 4:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-6.3925	0.00000	0.00000
0.05	-6.3888	0.00000	0.00000
0.10	-6.3850	0.00000	0.00000
0.15	-6.3813	0.00000	0.00000
0.20	-6.3776	0.00000	0.00000
0.25	-6.3738	0.00000	0.00000
0.30	-6.3701	0.00000	0.00000
0.35	-6.3663	0.00000	0.00000
0.40	-6.3626	0.00000	0.00000
0.45	-6.3588	0.00000	0.00000
0.50	-6.3551	0.00000	0.00000

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-6.3513	0.00000	0.00000
0.60	-6.3476	0.00000	0.00000
0.65	-6.3438	0.00000	0.00000
0.70	-6.3401	0.00000	0.00000
0.75	-6.3363	0.00000	0.00000
0.80	-6.3326	0.00000	0.00000
0.85	-6.3288	0.00000	0.00000
0.90	-6.3251	0.00000	0.00000
0.95	-6.3213	0.00000	0.00000
1.00	-6.3176	0.00000	0.00000

LC2: G+Q/ser: Element 5:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-3.0836	0.12609	0.00000
0.05	-3.0816	0.12607	0.0063040
0.10	-3.0795	0.12604	0.012607
0.15	-3.0774	0.12598	0.018907
0.20	-3.0753	0.12589	0.025204
0.25	-3.0732	0.12579	0.031496
0.30	-3.0712	0.12566	0.037782
0.35	-3.0691	0.12550	0.044060
0.40	-3.0670	0.12532	0.050331
0.45	-3.0649	0.12512	0.056592
0.50	-3.0629	0.12490	0.062843

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-3.0608	0.12465	0.069081
0.60	-3.0587	0.12438	0.075307
0.65	-3.0566	0.12409	0.081519
0.70	-3.0546	0.12377	0.087715
0.75	-3.0525	0.12343	0.093895
0.80	-3.0504	0.12307	0.10006
0.85	-3.0484	0.12269	0.10620
0.90	-3.0463	0.12228	0.11233
0.95	-3.0442	0.12186	0.11843
1.00	-3.0422	0.12141	0.12451

LC2: G+Q/ser: Element 6:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-2.3701	0.30299	-0.22824
0.05	-2.3662	0.30411	-0.20092
0.10	-2.3623	0.30508	-0.17351
0.15	-2.3585	0.30591	-0.14601
0.20	-2.3546	0.30660	-0.11845

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.25	-2.3508	0.30714	-0.090831
0.30	-2.3470	0.30753	-0.063170
0.35	-2.3432	0.30778	-0.035481
0.40	-2.3395	0.30789	-0.007746
0.45	-2.3357	0.30786	0.019935

LC2: G+Q/ser: Element 6:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.50	-2.3320	0.30768	0.047634
0.55	-2.3283	0.30736	0.075311
0.60	-2.3246	0.30690	0.10295
0.65	-2.3209	0.30630	0.13055
0.70	-2.3173	0.30557	0.15808
0.75	-2.3137	0.30469	0.18555

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.80	-2.3100	0.30368	0.21292
0.85	-2.3064	0.30253	0.24020
0.90	-2.3029	0.30125	0.26737
0.95	-2.2993	0.29984	0.29442
1.00	-2.2958	0.29829	0.32134

LC2: G+Q/ser: Element 7:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	0.18158	0.67209	-0.35275
0.05	0.18225	0.60358	-0.24432
0.10	0.18253	0.53516	-0.14753
0.15	0.18252	0.46680	-0.062365
0.20	0.18232	0.39850	0.011185
0.25	0.18201	0.33025	0.073128
0.30	0.18166	0.26205	0.12347
0.35	0.18134	0.19388	0.16223
0.40	0.18108	0.12573	0.18939
0.45	0.18091	0.057598	0.20498
0.50	0.18086	-0.010525	0.20898

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	0.18092	-0.078650	0.20140
0.60	0.18110	-0.14679	0.18223
0.65	0.18136	-0.21494	0.15149
0.70	0.18167	-0.28312	0.10915
0.75	0.18199	-0.35134	0.055225
0.80	0.18224	-0.41960	-0.010304
0.85	0.18237	-0.48791	-0.087442
0.90	0.18228	-0.55629	-0.17620
0.95	0.18187	-0.62474	-0.27659
1.00	0.18103	-0.69328	-0.38862

LC2: G+Q/ser: Element 8:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-1.3084	0.68395	-0.39447
0.05	-1.3075	0.61751	-0.28384
0.10	-1.3071	0.55050	-0.18455
0.15	-1.3069	0.48298	-0.096696
0.20	-1.3070	0.41501	-0.020361
0.25	-1.3073	0.34666	0.044386
0.30	-1.3076	0.27799	0.097485
0.35	-1.3079	0.20906	0.13889
0.40	-1.3081	0.13994	0.16856
0.45	-1.3083	0.070692	0.18646
0.50	-1.3084	0.0013752	0.19259

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-1.3083	-0.067943	0.18693
0.60	-1.3082	-0.13720	0.16949
0.65	-1.3080	-0.20633	0.14029
0.70	-1.3077	-0.27526	0.099351
0.75	-1.3074	-0.34394	0.046715
0.80	-1.3072	-0.41231	-0.017571
0.85	-1.3071	-0.48029	-0.093448
0.90	-1.3072	-0.54783	-0.18084
0.95	-1.3077	-0.61487	-0.27968
1.00	-1.3085	-0.68133	-0.38986

LC2: G+Q/ser: Element 9:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-2.9403	0.87725	-0.40128
0.05	-2.9395	0.78920	-0.25961
0.10	-2.9394	0.69950	-0.13305

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.15	-2.9397	0.60835	-0.021867
0.20	-2.9403	0.51594	0.073714
0.25	-2.9410	0.42246	0.15349

LC2: G+Q/ser: Element 9:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.30	-2.9417	0.32810	0.21730
0.35	-2.9423	0.23305	0.26500
0.40	-2.9428	0.13752	0.29650
0.45	-2.9431	0.041700	0.31173
0.50	-2.9431	-0.054206	0.31067
0.55	-2.9428	-0.15000	0.29331
0.60	-2.9424	-0.24548	0.25969
0.65	-2.9418	-0.34045	0.20989

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.70	-2.9411	-0.43471	0.14399
0.75	-2.9405	-0.52806	0.062140
0.80	-2.9400	-0.62032	-0.035489
0.85	-2.9398	-0.71129	-0.14870
0.90	-2.9400	-0.80078	-0.27724
0.95	-2.9410	-0.88861	-0.42086
1.00	-2.9428	-0.97459	-0.57924

LC2: G+Q/ser: Element 10:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-2.8957	0.91921	-0.53062
0.05	-2.8941	0.83261	-0.38170
0.10	-2.8933	0.74430	-0.24764
0.15	-2.8931	0.65447	-0.12873
0.20	-2.8933	0.56330	-0.025199
0.25	-2.8937	0.47098	0.062729
0.30	-2.8942	0.37770	0.13488
0.35	-2.8948	0.28364	0.19110
0.40	-2.8952	0.18900	0.23128
0.45	-2.8955	0.093975	0.25533
0.50	-2.8957	-0.0012431	0.26321

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-2.8956	-0.096459	0.25491
0.60	-2.8953	-0.19148	0.23043
0.65	-2.8948	-0.28610	0.18983
0.70	-2.8943	-0.38014	0.13320
0.75	-2.8938	-0.47340	0.060633
0.80	-2.8934	-0.56570	-0.027704
0.85	-2.8932	-0.65683	-0.13164
0.90	-2.8935	-0.74663	-0.25095
0.95	-2.8943	-0.83489	-0.38540
1.00	-2.8960	-0.92145	-0.53470

LC2: G+Q/ser: Element 11:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-1.3085	0.68133	-0.38986
0.05	-1.3077	0.61487	-0.27968
0.10	-1.3072	0.54783	-0.18084
0.15	-1.3071	0.48029	-0.093448
0.20	-1.3072	0.41231	-0.017571
0.25	-1.3074	0.34394	0.046715
0.30	-1.3077	0.27526	0.099351
0.35	-1.3080	0.20633	0.14029
0.40	-1.3082	0.13720	0.16949
0.45	-1.3083	0.067943	0.18693
0.50	-1.3084	-0.0013752	0.19259

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-1.3083	-0.070692	0.18646
0.60	-1.3081	-0.13994	0.16856
0.65	-1.3079	-0.20906	0.13889
0.70	-1.3076	-0.27799	0.097485
0.75	-1.3073	-0.34666	0.044386
0.80	-1.3070	-0.41501	-0.020361
0.85	-1.3069	-0.48298	-0.096696
0.90	-1.3071	-0.55050	-0.18455
0.95	-1.3075	-0.61751	-0.28384
1.00	-1.3084	-0.68395	-0.39447

LC2: G+Q/ser: Element 12:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	2.9987	0.017471	0.079937
0.05	2.9949	0.011550	0.082731
0.10	2.9912	0.0056580	0.084388
0.15	2.9874	-0.00022205	0.084910
0.20	2.9836	-0.0061057	0.084301
0.25	2.9799	-0.012009	0.082558
0.30	2.9761	-0.017947	0.079677
0.35	2.9724	-0.023937	0.075649
0.40	2.9686	-0.029994	0.070463
0.45	2.9649	-0.036133	0.064105
0.50	2.9612	-0.042372	0.056557

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	2.9574	-0.048727	0.047798
0.60	2.9537	-0.055214	0.037804
0.65	2.9500	-0.061849	0.026548
0.70	2.9462	-0.068651	0.013999
0.75	2.9425	-0.075636	0.00012398
0.80	2.9388	-0.082823	-0.015114
0.85	2.9350	-0.090230	-0.031756
0.90	2.9313	-0.097875	-0.049844
0.95	2.9275	-0.10578	-0.069425
1.00	2.9237	-0.11396	-0.090549

LC2: G+Q/ser: Element 13:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	4.5782	0.072088	-0.048370
0.05	4.5819	0.064110	-0.035276
0.10	4.5857	0.056396	-0.023689
0.15	4.5894	0.048916	-0.013563
0.20	4.5932	0.041639	-0.0048563
0.25	4.5969	0.034534	0.0024675
0.30	4.6007	0.027574	0.0084387
0.35	4.6044	0.020728	0.013082
0.40	4.6082	0.013970	0.016418
0.45	4.6119	0.0072702	0.018460
0.50	4.6157	0.00060150	0.019217

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	4.6194	-0.0060640	0.018692
0.60	4.6232	-0.012754	0.016884
0.65	4.6269	-0.019497	0.013783
0.70	4.6307	-0.026321	0.0093781
0.75	4.6344	-0.033256	0.0036497
0.80	4.6382	-0.040329	-0.0034260
0.85	4.6419	-0.047572	-0.011879
0.90	4.6457	-0.055016	-0.021743
0.95	4.6494	-0.062692	-0.033059
1.00	4.6531	-0.070632	-0.045873

LC2: G+Q/ser: Element 14:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	0.18103	0.69328	-0.38862
0.05	0.18187	0.62474	-0.27659
0.10	0.18228	0.55629	-0.17620
0.15	0.18237	0.48791	-0.087442
0.20	0.18224	0.41960	-0.010304
0.25	0.18199	0.35134	0.055225
0.30	0.18167	0.28312	0.10915
0.35	0.18136	0.21494	0.15149
0.40	0.18110	0.14679	0.18223
0.45	0.18092	0.078650	0.20140
0.50	0.18086	0.010525	0.20898

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	0.18091	-0.057598	0.20498
0.60	0.18108	-0.12573	0.18939
0.65	0.18134	-0.19388	0.16223
0.70	0.18166	-0.26205	0.12347
0.75	0.18201	-0.33025	0.073128
0.80	0.18232	-0.39850	0.011185
0.85	0.18252	-0.46680	-0.062365
0.90	0.18253	-0.53516	-0.14753
0.95	0.18225	-0.60358	-0.24432
1.00	0.18158	-0.67209	-0.35275

LC2: G+Q/ser: Element 15:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	4.6531	0.070632	-0.045873
0.05	4.6494	0.062692	-0.033059
0.10	4.6457	0.055016	-0.021743
0.15	4.6419	0.047572	-0.011879
0.20	4.6382	0.040329	-0.0034260
0.25	4.6344	0.033256	0.0036497
0.30	4.6307	0.026321	0.0093781
0.35	4.6269	0.019497	0.013783
0.40	4.6232	0.012754	0.016884
0.45	4.6194	0.0060640	0.018692
0.50	4.6157	-0.00060150	0.019217

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	4.6119	-0.0072702	0.018460
0.60	4.6082	-0.013970	0.016418
0.65	4.6044	-0.020728	0.013082
0.70	4.6007	-0.027574	0.0084387
0.75	4.5969	-0.034534	0.0024675
0.80	4.5932	-0.041639	-0.0048563
0.85	4.5894	-0.048916	-0.013563
0.90	4.5857	-0.056396	-0.023689
0.95	4.5819	-0.064110	-0.035276
1.00	4.5782	-0.072088	-0.048370

LC2: G+Q/ser: Element 16:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	2.9237	0.11396	-0.090549
0.05	2.9275	0.10578	-0.069425
0.10	2.9313	0.097875	-0.049844
0.15	2.9350	0.090230	-0.031756
0.20	2.9388	0.082823	-0.015114
0.25	2.9425	0.075636	0.00012398
0.30	2.9462	0.068651	0.013999
0.35	2.9500	0.061849	0.026548
0.40	2.9537	0.055214	0.037804
0.45	2.9574	0.048727	0.047798
0.50	2.9612	0.042372	0.056557

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	2.9649	0.036133	0.064105
0.60	2.9686	0.029994	0.070463
0.65	2.9724	0.023937	0.075649
0.70	2.9761	0.017947	0.079677
0.75	2.9799	0.012009	0.082558
0.80	2.9836	0.0061057	0.084301
0.85	2.9874	0.00022205	0.084910
0.90	2.9912	-0.0056580	0.084388
0.95	2.9949	-0.011550	0.082731
1.00	2.9987	-0.017471	0.079937

LC2: G+Q/ser: Element 17:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-2.8960	0.92145	-0.53470
0.05	-2.8943	0.83489	-0.38540
0.10	-2.8935	0.74663	-0.25095
0.15	-2.8932	0.65683	-0.13164
0.20	-2.8934	0.56570	-0.027704
0.25	-2.8938	0.47340	0.060633
0.30	-2.8943	0.38014	0.13320
0.35	-2.8948	0.28610	0.18983
0.40	-2.8953	0.19148	0.23043
0.45	-2.8956	0.096459	0.25491
0.50	-2.8957	0.0012431	0.26321

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-2.8955	-0.093975	0.25533
0.60	-2.8952	-0.18900	0.23128
0.65	-2.8948	-0.28364	0.19110
0.70	-2.8942	-0.37770	0.13488
0.75	-2.8937	-0.47098	0.062729
0.80	-2.8933	-0.56330	-0.025199
0.85	-2.8931	-0.65447	-0.12873
0.90	-2.8933	-0.74430	-0.24764
0.95	-2.8941	-0.83261	-0.38170
1.00	-2.8957	-0.91921	-0.53062

LC2: G+Q/ser: Element 18:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-1.9710	0.046951	-0.040937
0.05	-1.9672	0.047120	-0.036704
0.10	-1.9635	0.047270	-0.032456
0.15	-1.9597	0.047401	-0.028196
0.20	-1.9560	0.047514	-0.023925
0.25	-1.9522	0.047607	-0.019644
0.30	-1.9485	0.047682	-0.015356
0.35	-1.9447	0.047738	-0.011062
0.40	-1.9410	0.047775	-0.0067642
0.45	-1.9372	0.047794	-0.0024635
0.50	-1.9335	0.047795	0.0018380

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-1.9297	0.047777	0.0061388
0.60	-1.9260	0.047741	0.010437
0.65	-1.9223	0.047688	0.014732
0.70	-1.9185	0.047616	0.019020
0.75	-1.9148	0.047526	0.023302
0.80	-1.9110	0.047419	0.027574
0.85	-1.9073	0.047294	0.031837
0.90	-1.9035	0.047152	0.036087
0.95	-1.8998	0.046993	0.040323
1.00	-1.8960	0.046817	0.044545

LC2: G+Q/ser: Element 19:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-2.9428	0.97459	-0.57924
0.05	-2.9410	0.88861	-0.42086
0.10	-2.9400	0.80078	-0.27724
0.15	-2.9398	0.71129	-0.14870
0.20	-2.9400	0.62032	-0.035489
0.25	-2.9405	0.52806	0.062140
0.30	-2.9411	0.43471	0.14399
0.35	-2.9418	0.34045	0.20989
0.40	-2.9424	0.24548	0.25969
0.45	-2.9428	0.15000	0.29331
0.50	-2.9431	0.054206	0.31067

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-2.9431	-0.041700	0.31173
0.60	-2.9428	-0.13752	0.29650
0.65	-2.9423	-0.23305	0.26500
0.70	-2.9417	-0.32810	0.21730
0.75	-2.9410	-0.42246	0.15349
0.80	-2.9403	-0.51594	0.073714
0.85	-2.9397	-0.60835	-0.021867
0.90	-2.9394	-0.69950	-0.13305
0.95	-2.9395	-0.78920	-0.25961
1.00	-2.9403	-0.87725	-0.40128

LC2: G+Q/ser: Element 20:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-1.9710	-0.046951	0.040937
0.05	-1.9672	-0.047120	0.036704
0.10	-1.9635	-0.047270	0.032456
0.15	-1.9597	-0.047401	0.028196
0.20	-1.9560	-0.047514	0.023925
0.25	-1.9522	-0.047607	0.019644
0.30	-1.9485	-0.047682	0.015356
0.35	-1.9447	-0.047738	0.011062
0.40	-1.9410	-0.047775	0.0067642
0.45	-1.9372	-0.047794	0.0024635
0.50	-1.9335	-0.047795	-0.0018380

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-1.9297	-0.047777	-0.0061388
0.60	-1.9260	-0.047741	-0.010437
0.65	-1.9223	-0.047688	-0.014732
0.70	-1.9185	-0.047616	-0.019020
0.75	-1.9148	-0.047526	-0.023302
0.80	-1.9110	-0.047419	-0.027574
0.85	-1.9073	-0.047294	-0.031837
0.90	-1.9035	-0.047152	-0.036087
0.95	-1.8998	-0.046993	-0.040323
1.00	-1.8960	-0.046817	-0.044545

Rezultati za element 10 (Preverjeno po EC3):

Prečni prerez [cm]

[50x50 x 3.0], h = 5.00, b = 5.00, t = 0.30, r = 0.60

Širini podpor elementa levo = 0.00 cm, desno = 0.00 cm

Jeklo: S 235

Podpore in uklonska polja okoli osi y

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

Podpore in uklonska polja okoli osi z

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

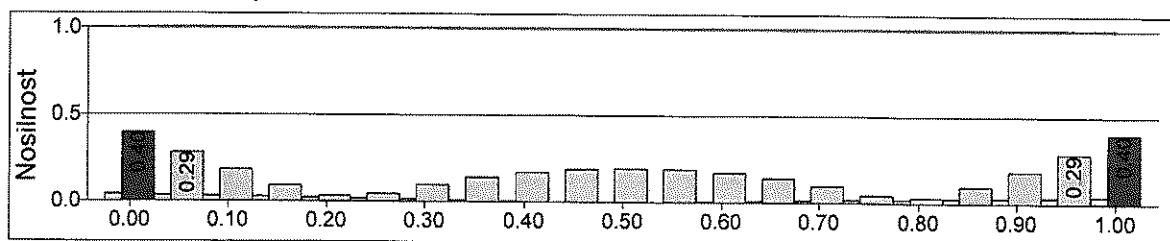
Podpore in uklonska polja za bočno zvrnitev

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

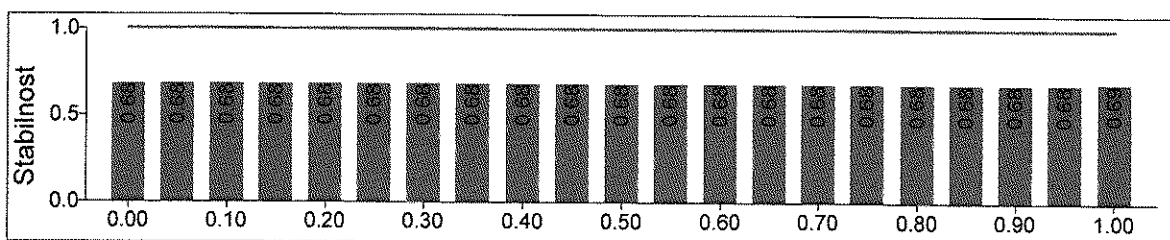
Relativna lega obtežbe za BZ je -1.00 (neugodno).

Mejno stanje nosilnosti

Nosilnosti prečnih prerezov



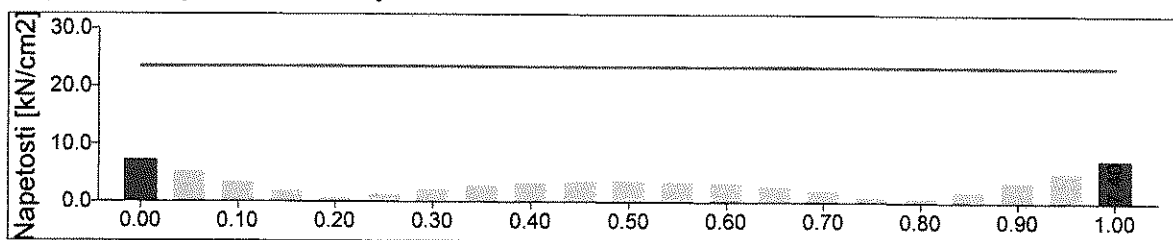
Stabilnost elementa



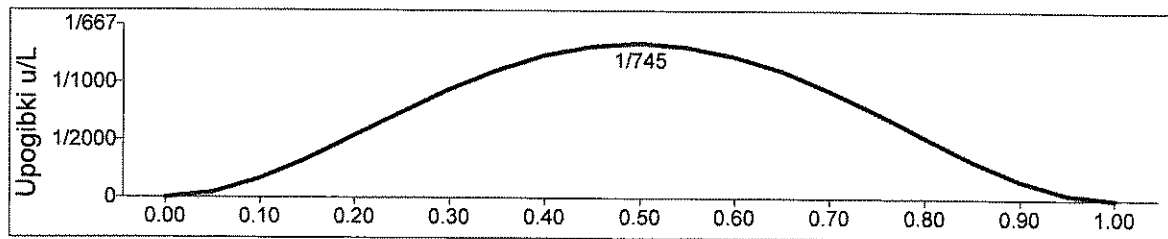
Element je bil razvrščen v razred 1. Vse kontrole stabilnosti so bile uspešne. Merodajna kontrola je kontrola stabilnosti na tlačno osno silo in upogibni moment [0.689 ≤ 1.0] za obtežni primer '[U] G+Q'.

Mejno stanje uporabnosti

Napetosti v uporabnem stanju



Lokalni upogibki elementa



Rezultati za element 11 (Preverjeno po EC3):

Prečni prerez [cm]

[50x50 x 3.0], h = 5.00, b = 5.00, t = 0.30, r = 0.60

Širini podpor elementa levo = 0.00 cm, desno = 0.00 cm

Jeklo: S 235

Podpore in uklonska polja okoli osi y

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

Podpore in uklonska polja okoli osi z

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

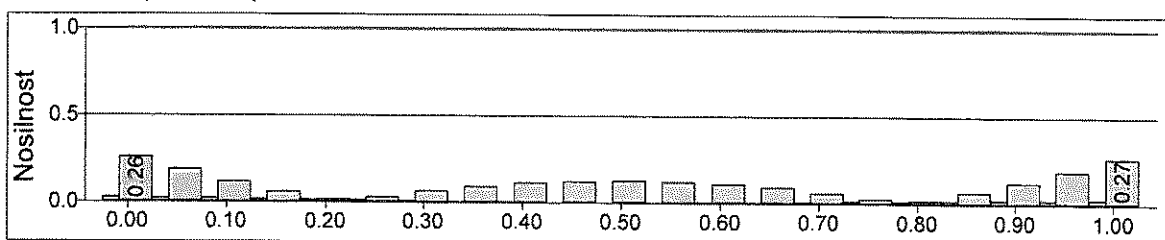
Podpore in uklonska polja za bočno zvrnitev

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

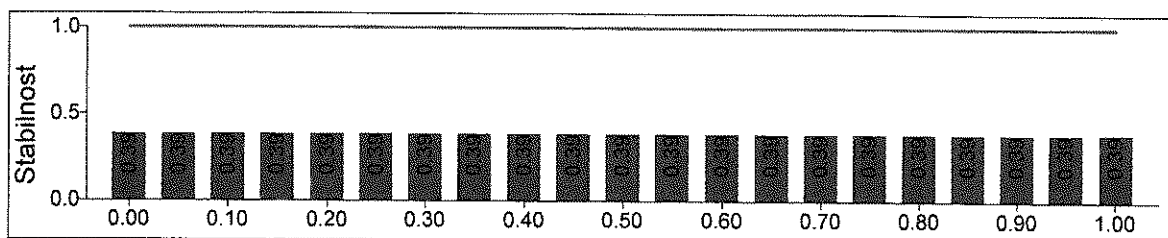
Relativna lega obtežbe za BZ je -1.00 (neugodno).

Mejno stanje nosilnosti

Nosilnosti prečnih prerezov



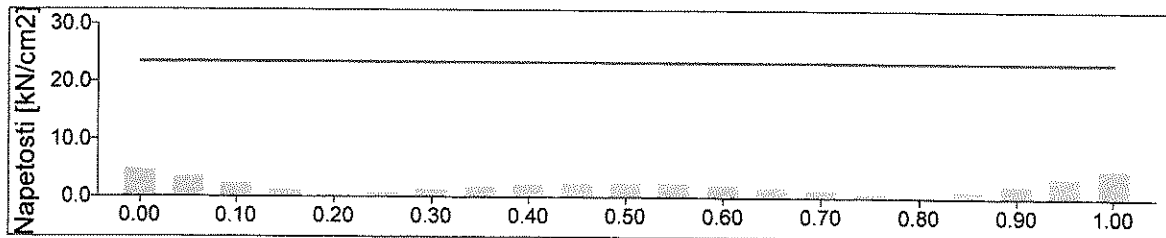
Stabilnost elementa



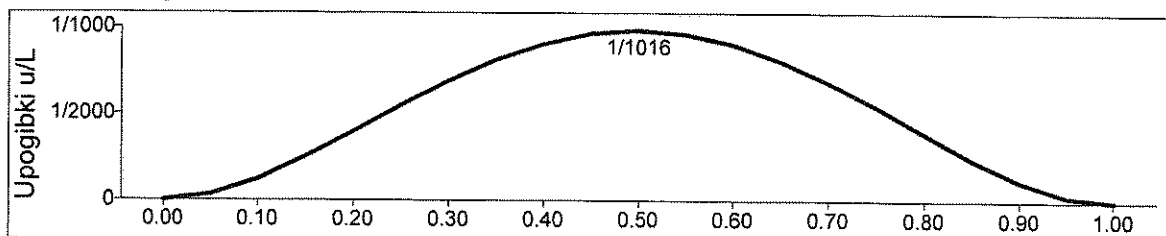
Element je bil razvrščen v razred 1. Vse kontrole stabilnosti so bile uspešne. Merodajna kontrola je kontrola stabilnosti na tlačno osno silo in upogibni moment $[0.390 \leq 1.0]$ za obtežni primer '[U] G+Q'.

Mejno stanje uporabnosti

Napetosti v uporabnem stanju



Lokalni upogibki elementa



Rezultati za element 13 (Preverjeno po EC3):

Prečni prerez [cm]

[50x50 x 3.0], $h = 5.00$, $b = 5.00$, $t = 0.30$, $r = 0.60$

Širini podpor elementa levo = 0.00 cm, desno = 0.00 cm

Jeklo: S 235

Podpore in uklonska polja okoli osi y

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

Podpore in uklonska polja okoli osi z

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

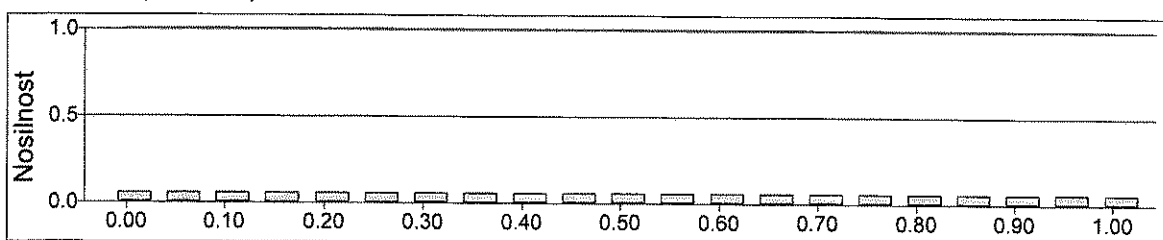
Podpore in uklonska polja za bočno zvrnitev

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

Relativna lega obtežbe za BZ je -1.00 (neugodno).

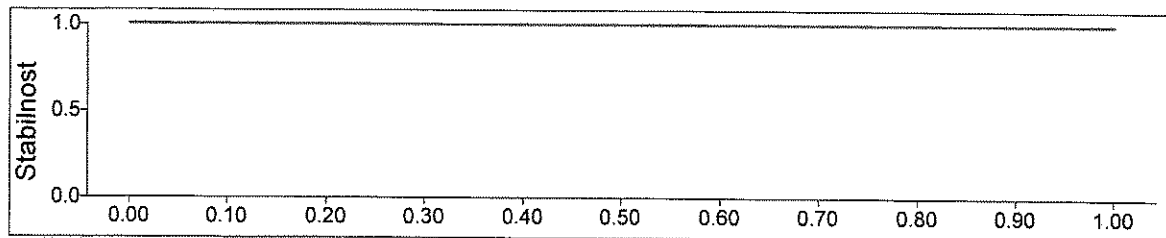
Mejno stanje nosilnosti

Nosilnosti prečnih prerezov



24

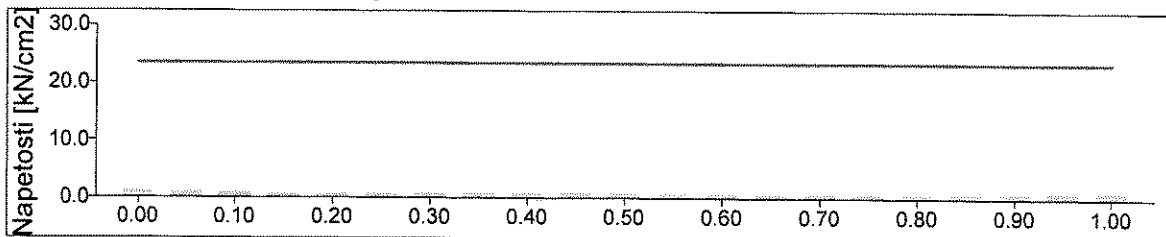
Stabilnost elementa



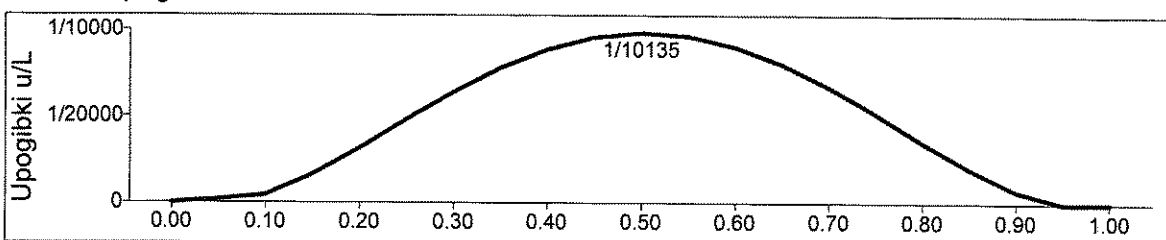
Stabilnost elementa ni bila kontrolirana.

Mejno stanje uporabnosti

Napetosti v uporabnem stanju



Lokalni upogibki elementa



Rezultati za element 17 (Preverjeno po EC3):

Prečni prerez [cm]

[50x50 x 3.0], $h = 5.00$, $b = 5.00$, $t = 0.30$, $r = 0.60$

Širini podpor elementa levo = 0.00 cm, desno = 0.00 cm

Jeklo: S 235

Podpore in uklonska polja okoli osi y

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

Podpore in uklonska polja okoli osi z

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

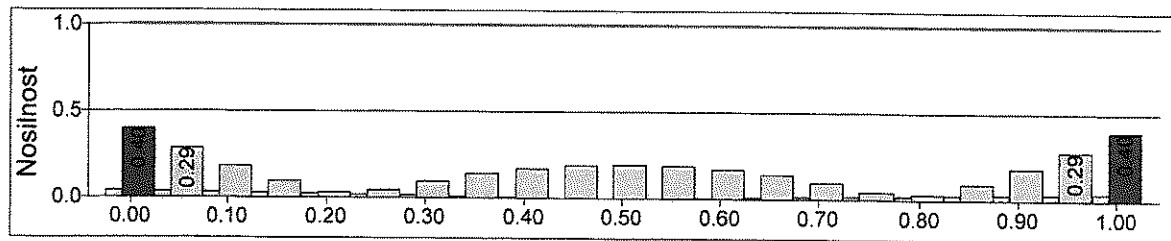
Podpore in uklonska polja za bočno zvrnitev

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

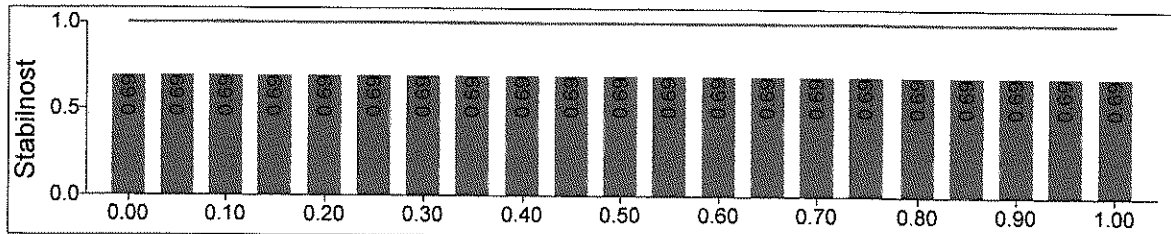
Relativna lega obtežbe za BZ je -1.00 (neugodno).

Mejno stanje nosilnosti

Nosilnosti prečnih prerezov



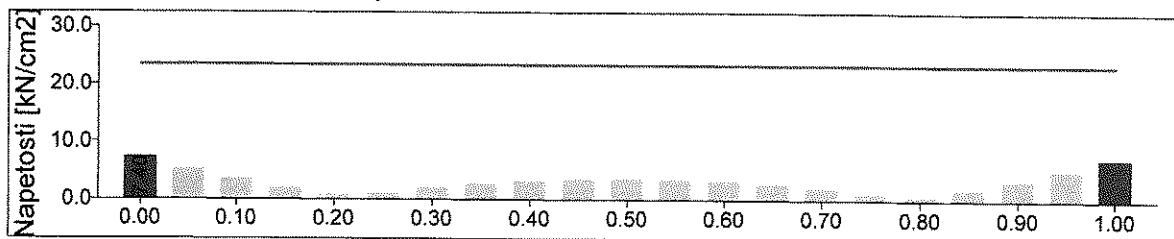
Stabilnost elementa



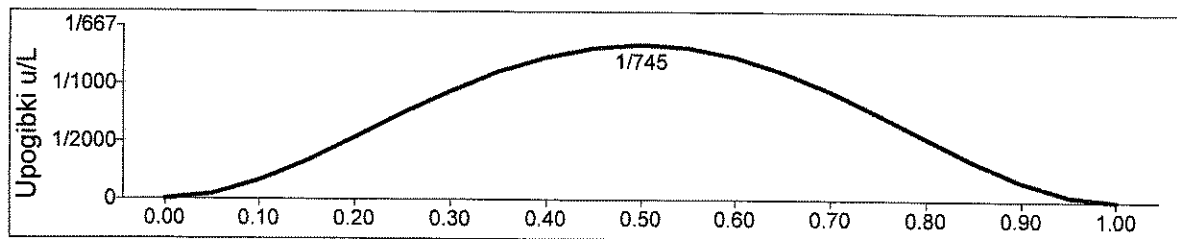
Element je bil razvrščen v razred 1. Vse kontrole stabilnosti so bile uspešne. Merodajna kontrola je kontrola stabilnosti na tlačno osno silo in upogibni moment [$0.689 \leq 1.0$] za obtežni primer '[U] G+Q'.

Mejno stanje uporabnosti

Napetosti v uporabnem stanju



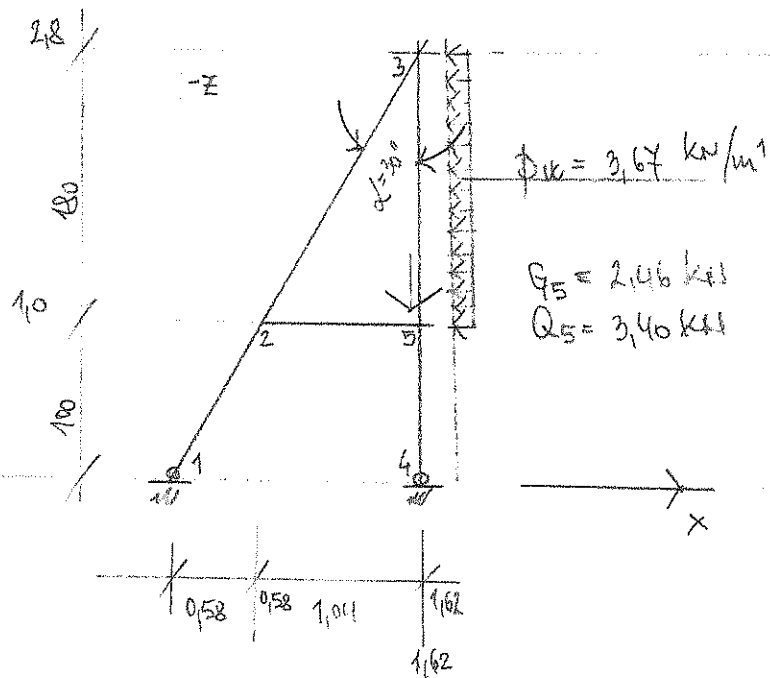
Lokalni upogibki elementa



POŽ 2 JAKLEN OKVIR IZ HOP 50/50 / 3 MM, S235

- ZASNOVA

POŽ 2 - SD LASKO



OBTEŽBA

$$q_k = 1.2 \times 0.45 \times 6.8 = 3.67 \text{ kN/m}^2$$

$$\text{- plati } 0.048 = 1.8 \times 4.2 \times 6.8 = 2.46 \text{ kN/m}^2 = G_5$$

$$\text{- kon izlo } 0.5 \times 6.8 = 3.40 \text{ kN/m}^2 = Q_5$$

POZ 2 JEKLEN OKVIR IZ HOP 50/50/3 MM,S235

Shema konstrukcije

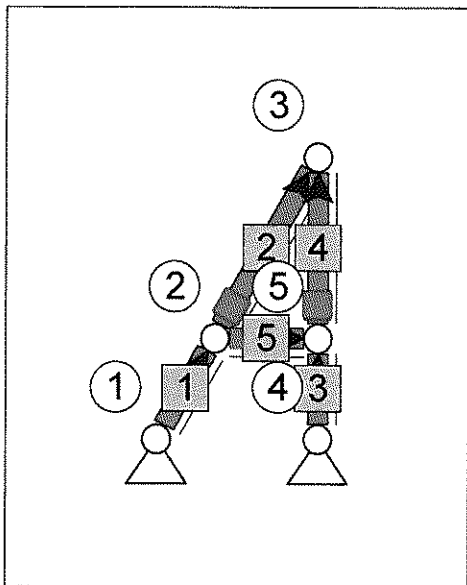


Tabela vozlišč

Index	X koor. [cm]	Z koor. [cm]	Podpore
1:	0.00000	0.00000	Ux Uz
2:	58.000	-100.00	-
3:	162.00	-280.00	-

Index	X koor. [cm]	Z koor. [cm]	Podpore
4:	162.00	0.00000	Ux Uz
5:	162.00	-100.00	-

Tabela elementov

Index	Tip	Voz. 1	Voz. 2	Prečni prerez	Material	Dolžina [cm]	Spr. 1	Spr. 2
1:	nelin.	1:	2:	1: 50x50 x 3.0	1: S 235	115.60	-	-
2:	nelin.	2:	3:	1: 50x50 x 3.0	1: S 235	207.88	-	-
3:	nelin.	4:	5:	1: 50x50 x 3.0	1: S 235	100.00	-	-
4:	nelin.	5:	3:	1: 50x50 x 3.0	1: S 235	180.00	-	-
5:	nelin.	2:	5:	1: 50x50 x 3.0	1: S 235	104.00	-	-

Tabela materialov

Index	Elastični modul [kN/cm ²]	Koef. termičnega raztezka [1/d°C]
1: S 235	21000.	1.2000E-05

Tabela prečnih prerezov

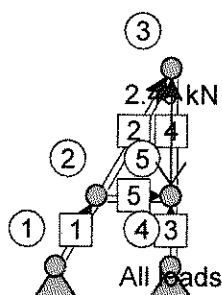
Index	A [cm ²]	I _y [cm ⁴]	Višina [cm]
1: 50x50 x 3.0	5.4082	19.467	5.0000

Obtežni vplivi in obtežni primeri

Obtežni primer	Mejno stanje	G	Q
G+Q	nosilnosti	1.35	1.50
G+Q/ser	uporabnosti	1.00	1.00

A1 : G

G + Lastna teža je avtomatično upoštevana.

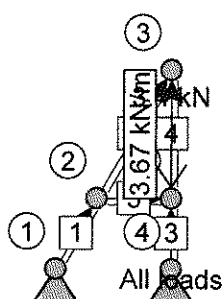


A1: G: Vozlišena obtežba

Voz.	Fx [kN]	Fz [kN]	My [kNm]	Ime
5:	0.00000	2.4600	0.00000	ST.TEŽA

A2 : Q

Q



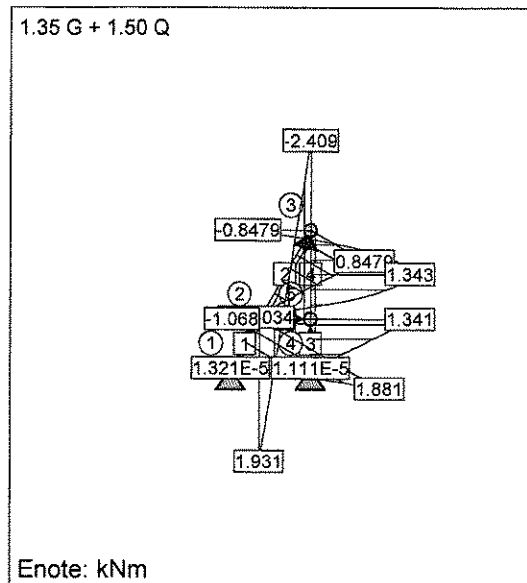
A2: Q: Vozlišena obtežba

Voz.	Fx [kN]	Fz [kN]	My [kNm]	Ime
5:	0.00000	3.4000	0.00000	KOR.TEŽA

A2: Q: Enakomerna zvezna obtežba elementov

Element	Fx s [kN/m]	Fx e [kN/m]	Fz s [kN/m]	Fz e [kN/m]	Mys [kNm/m]	My e [kNm/m]	Smer	Zacetek	Konec	Lega	Ime
4:	0.00000	0.00000	3.6700	3.6700	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	VETER

LC1: G+Q: Upogibni moment My



LC1: G+Q: Osna sila Fx

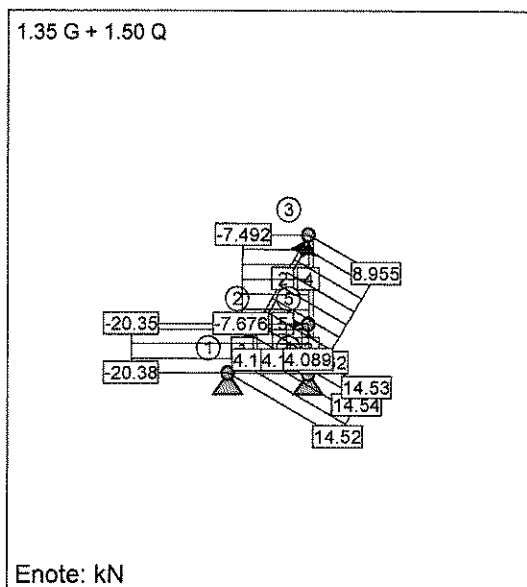


Diagram of a truss structure with various force values and member numbers. The structure is supported by two pin supports at the bottom. The forces are labeled as follows:

- Top horizontal member: -4.1 and -4.253
- Left vertical member: -4.933
- Right vertical member: 0.5231
- Member 1 (bottom left): 1.52
- Member 2 (bottom right): 1.46
- Member 3 (middle left): 1.86
- Member 4 (middle right): 1.11
- Member 5 (top left): 0.3999
- Member 6 (top right): 0.4085
- Member 7 (middle): 1.1
- Member 8 (top): 5.167

Enote: kN

Voz	ux [cm]	uz [cm]	fiy [deg]
1:	-	-	-1.3569
2:	1.5235	0.88592	0.11395
3:	0.10737	0.060329	1.2190

Voz	ux [cm]	uz [cm]	fy [deg]
4:	-	-	-1.2051
5:	1.5227	0.030845	-0.22432

Voz	F _x [kN]	F _z [kN]	M _y [kNm]
1:	-8.8789	11.593	-
4:	-1.0308	-20.410	-

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	14.522	1.5207	1.3207E-05
0.05	14.524	1.5199	0.087880
0.10	14.527	1.5210	0.17576
0.15	14.529	1.5238	0.26376
0.20	14.531	1.5284	0.35198
0.25	14.533	1.5349	0.44051
0.30	14.535	1.5431	0.52947
0.35	14.536	1.5532	0.61896
0.40	14.538	1.5652	0.70909
0.45	14.539	1.5790	0.79996
0.50	14.540	1.5947	0.89169

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	14.540	1.6123	0.98437
0.60	14.541	1.6319	1.0781
0.65	14.541	1.6533	1.1731
0.70	14.541	1.6768	1.2693
0.75	14.540	1.7022	1.3670
0.80	14.540	1.7297	1.4662
0.85	14.539	1.7592	1.5670
0.90	14.538	1.7908	1.6696
0.95	14.536	1.8246	1.7741
1.00	14.534	1.8605	1.8806

LC1: G+Q: Element 2:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	8.8622	0.40853	-0.050345
0.05	8.8673	0.40496	-0.0080981
0.10	8.8723	0.40234	0.033844
0.15	8.8773	0.40066	0.075572
0.20	8.8823	0.39992	0.11718
0.25	8.8872	0.40013	0.15876
0.30	8.8921	0.40128	0.20041
0.35	8.8969	0.40337	0.24223
0.40	8.9017	0.40643	0.28431
0.45	8.9065	0.41044	0.32675
0.50	8.9112	0.41544	0.36966

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	8.9159	0.42141	0.41315
0.60	8.9205	0.42840	0.45730
0.65	8.9250	0.43640	0.50224
0.70	8.9295	0.44545	0.54807
0.75	8.9340	0.45556	0.59489
0.80	8.9384	0.46676	0.64283
0.85	8.9427	0.47908	0.69198
0.90	8.9469	0.49254	0.74247
0.95	8.9510	0.50719	0.79442
1.00	8.9551	0.52306	0.84793

LC1: G+Q: Element 3:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-20.384	1.4599	1.1109E-05
0.05	-20.381	1.4589	0.072963
0.10	-20.379	1.4561	0.14583
0.15	-20.376	1.4515	0.21851
0.20	-20.374	1.4451	0.29093
0.25	-20.372	1.4369	0.36297
0.30	-20.370	1.4269	0.43457
0.35	-20.368	1.4151	0.50561
0.40	-20.366	1.4016	0.57603
0.45	-20.364	1.3864	0.64572
0.50	-20.362	1.3694	0.71461

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-20.361	1.3507	0.78260
0.60	-20.359	1.3303	0.84962
0.65	-20.358	1.3083	0.91558
0.70	-20.357	1.2846	0.98040
0.75	-20.355	1.2594	1.0440
0.80	-20.354	1.2326	1.1063
0.85	-20.353	1.2043	1.1672
0.90	-20.352	1.1745	1.2267
0.95	-20.351	1.1432	1.2846
1.00	-20.350	1.1105	1.3409

LC1: G+Q: Element 4:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-7.6765	5.1667	-1.0685
0.05	-7.6647	4.6855	-0.62513
0.10	-7.6586	4.1971	-0.22538
0.15	-7.6565	3.7024	0.13012
0.20	-7.6568	3.2020	0.44084
0.25	-7.6583	2.6968	0.70630
0.30	-7.6596	2.1875	0.92610
0.35	-7.6598	1.6749	1.0999
0.40	-7.6582	1.1598	1.2275
0.45	-7.6541	0.64290	1.3086
0.50	-7.6472	0.12510	1.3432

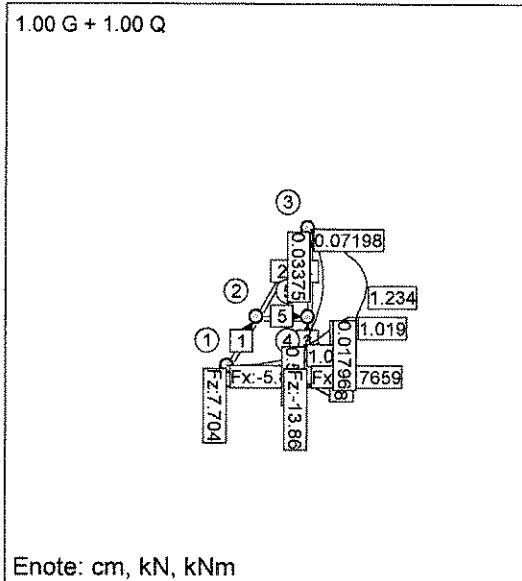
Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-7.6373	-0.39285	1.3311
0.60	-7.6245	-0.91014	1.2725
0.65	-7.6091	-1.4260	1.1674
0.70	-7.5914	-1.9396	1.0159
0.75	-7.5723	-2.4502	0.81835
0.80	-7.5526	-2.9571	0.57499
0.85	-7.5333	-3.4596	0.28621
0.90	-7.5159	-3.9568	-0.047558
0.95	-7.5016	-4.4482	-0.42579
1.00	-7.4922	-4.9329	-0.84790

LC1: G+Q: Element 5:

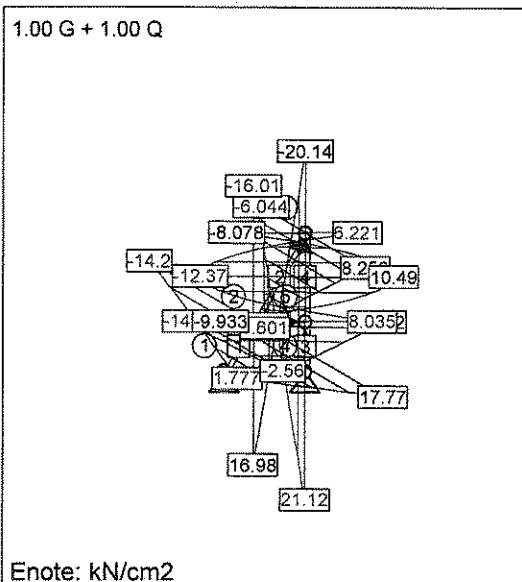
Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	4.1141	-4.1699	1.9310
0.05	4.1237	-4.1632	1.7143
0.10	4.1323	-4.1577	1.4980
0.15	4.1396	-4.1533	1.2819
0.20	4.1458	-4.1501	1.0660
0.25	4.1509	-4.1479	0.85023
0.30	4.1549	-4.1469	0.63456
0.35	4.1577	-4.1471	0.41891
0.40	4.1594	-4.1484	0.20323
0.45	4.1599	-4.1508	-0.012552
0.50	4.1593	-4.1543	-0.22849

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	4.1576	-4.1590	-0.44464
0.60	4.1547	-4.1649	-0.66106
0.65	4.1506	-4.1719	-0.87782
0.70	4.1454	-4.1800	-1.0950
0.75	4.1390	-4.1893	-1.3126
0.80	4.1315	-4.1997	-1.5307
0.85	4.1227	-4.2112	-1.7494
0.90	4.1128	-4.2239	-1.9687
0.95	4.1016	-4.2376	-2.1887
1.00	4.0892	-4.2525	-2.4094

LC2: G+Q/ser: Pomiki in reakcije



LC2: G+Q/ser: Napetost



LC2: G+Q/ser: Vozlišeni pomiki

Voz	ux [cm]	uz [cm]	fiy [deg]
1:	-	-	-0.90910
2:	1.0188	0.58825	0.077399
3:	0.071976	0.033752	0.81397

Voz	ux [cm]	uz [cm]	fiy [deg]
4:	-	-	-0.80459
5:	1.0192	0.017955	-0.15049

LC2: G+Q/ser: Reakcije

Voz	Fx [kN]	Fz [kN]	My [kNm]
1:	-5.8402	7.7042	-
4:	-0.76595	-13.858	-

LC2: G+Q/ser: Element 1:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	9.6118	1.0343	0.00000
0.05	9.6138	1.0334	0.059759
0.10	9.6157	1.0334	0.11949
0.15	9.6176	1.0342	0.17925
0.20	9.6194	1.0358	0.23908
0.25	9.6210	1.0382	0.29902
0.30	9.6226	1.0415	0.35913
0.35	9.6241	1.0455	0.41944
0.40	9.6255	1.0504	0.48002
0.45	9.6268	1.0561	0.54090
0.50	9.6280	1.0627	0.60214

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	9.6291	1.0701	0.66377
0.60	9.6301	1.0783	0.72586
0.65	9.6311	1.0874	0.78845
0.70	9.6319	1.0973	0.85159
0.75	9.6326	1.1081	0.91533
0.80	9.6331	1.1198	0.97972
0.85	9.6336	1.1324	1.0448
0.90	9.6339	1.1458	1.1107
0.95	9.6342	1.1602	1.1773
1.00	9.6342	1.1755	1.2448

LC2: G+Q/ser: Element 2:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	5.9106	0.28503	-0.039601
0.05	5.9144	0.28249	-0.010117
0.10	5.9182	0.28040	0.019132
0.15	5.9219	0.27875	0.048190
0.20	5.9256	0.27753	0.077099
0.25	5.9293	0.27675	0.10591
0.30	5.9330	0.27640	0.13465
0.35	5.9366	0.27650	0.16339
0.40	5.9402	0.27702	0.19215
0.45	5.9438	0.27799	0.22099
0.50	5.9474	0.27940	0.24996

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	5.9510	0.28125	0.27909
0.60	5.9545	0.28355	0.30844
0.65	5.9581	0.28630	0.33805
0.70	5.9616	0.28951	0.36798
0.75	5.9651	0.29318	0.39826
0.80	5.9685	0.29732	0.42895
0.85	5.9719	0.30194	0.46009
0.90	5.9753	0.30704	0.49174
0.95	5.9787	0.31264	0.52394
1.00	5.9821	0.31874	0.55674

LC2: G+Q/ser: Element 3:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-13.846	0.96047	0.00000
0.05	-13.844	0.96004	0.048010
0.10	-13.842	0.95879	0.095977
0.15	-13.840	0.95673	0.14386
0.20	-13.839	0.95386	0.19163
0.25	-13.837	0.95019	0.23923
0.30	-13.835	0.94571	0.28662
0.35	-13.833	0.94044	0.33377
0.40	-13.832	0.93437	0.38064
0.45	-13.830	0.92751	0.42718
0.50	-13.828	0.91987	0.47337

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-13.827	0.91145	0.51915
0.60	-13.825	0.90227	0.56449
0.65	-13.824	0.89232	0.60935
0.70	-13.823	0.88163	0.65370
0.75	-13.821	0.87019	0.69749
0.80	-13.820	0.85802	0.74069
0.85	-13.819	0.84513	0.78327
0.90	-13.817	0.83152	0.82518
0.95	-13.816	0.81722	0.86640
1.00	-13.815	0.80223	0.90688

LC2: G+Q/ser: Element 4:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-5.1321	3.4225	-0.69956
0.05	-5.1255	3.0984	-0.40611
0.10	-5.1214	2.7711	-0.14197
0.15	-5.1190	2.4410	0.092591
0.20	-5.1176	2.1085	0.29733
0.25	-5.1167	1.7738	0.47204
0.30	-5.1158	1.4374	0.61655
0.35	-5.1143	1.0995	0.73071
0.40	-5.1120	0.76043	0.81440
0.45	-5.1087	0.42065	0.86755
0.50	-5.1041	0.080455	0.89011

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-5.0982	-0.25980	0.88204
0.60	-5.0910	-0.59976	0.84336
0.65	-5.0827	-0.93909	0.77411
0.70	-5.0734	-1.2775	0.67436
0.75	-5.0634	-1.6145	0.54422
0.80	-5.0532	-1.9499	0.38381
0.85	-5.0431	-2.2834	0.19330
0.90	-5.0338	-2.6145	-0.027118
0.95	-5.0260	-2.9431	-0.27721
1.00	-5.0202	-3.2687	-0.55673

LC2: G+Q/ser: Element 5:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	2.6468	-2.7689	1.2844
0.05	2.6510	-2.7670	1.1405
0.10	2.6548	-2.7656	0.99664
0.15	2.6581	-2.7646	0.85285
0.20	2.6608	-2.7641	0.70910
0.25	2.6631	-2.7641	0.56537
0.30	2.6648	-2.7646	0.42162
0.35	2.6661	-2.7656	0.27783
0.40	2.6668	-2.7671	0.13398
0.45	2.6671	-2.7690	-0.0099612
0.50	2.6668	-2.7715	-0.15402

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	2.6660	-2.7744	-0.29821
0.60	2.6647	-2.7778	-0.44257
0.65	2.6629	-2.7817	-0.58712
0.70	2.6606	-2.7861	-0.73189
0.75	2.6578	-2.7910	-0.87689
0.80	2.6544	-2.7964	-1.0222
0.85	2.6505	-2.8023	-1.1677
0.90	2.6461	-2.8086	-1.3136
0.95	2.6411	-2.8154	-1.4598
1.00	2.6356	-2.8227	-1.6064

Rezultati za element 2 (Preverjeno po EC3):

Prečni prerez [cm]

[50x50 x 3.0], h = 5.00, b = 5.00, t = 0.30, r = 0.60

Širini podpor elementa levo = 0.00 cm, desno = 0.00 cm

Jeklo: S 235

Podpore in uklonska polja okoli osi y

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

Podpore in uklonska polja okoli osi z

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

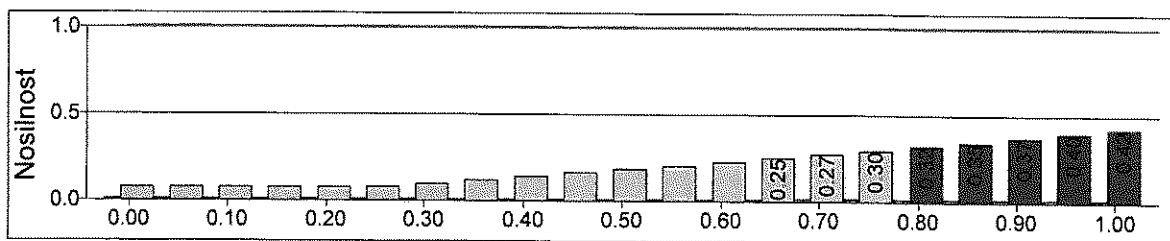
Podpore in uklonska polja za bočno zvrnitev

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

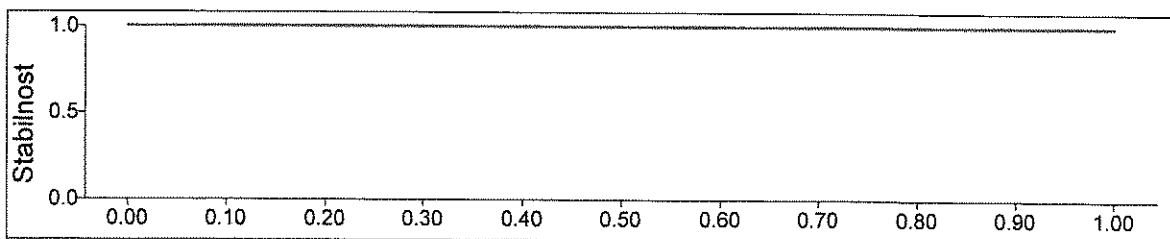
Relativna lega obtežbe za BZ je -1.00 (neugodno).

Mejno stanje nosilnosti

Nosilnosti prečnih prerezov



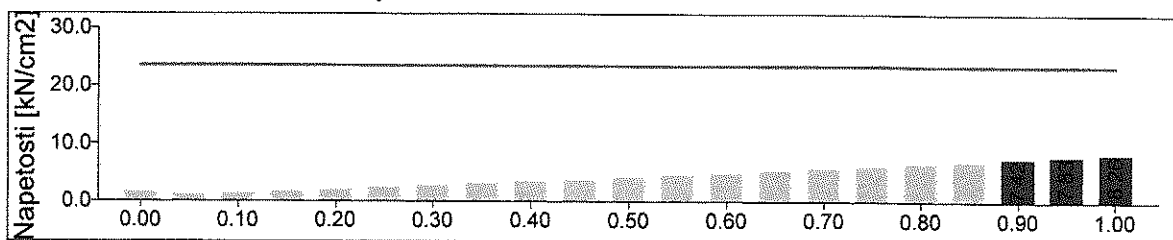
Stabilnost elementa



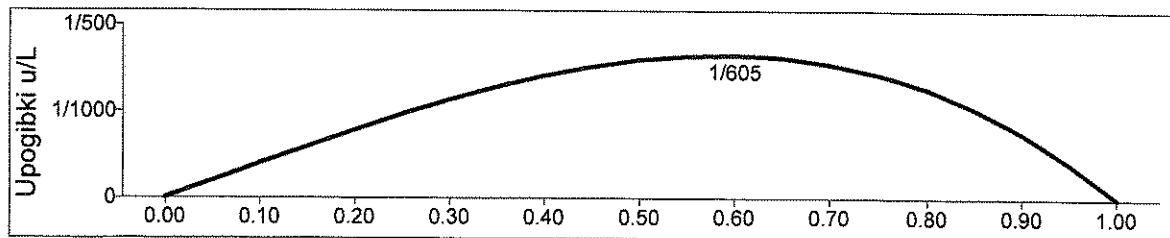
Stabilnost elementa ni bila kontrolirana.

Mejno stanje uporabnosti

Napetosti v uporabnem stanju



Lokalni upogibki elementa



Rezultati za element 4 (Preverjeno po EC3):

Prečni prerez [cm]

[50x50 x 3.0], $h = 5.00$, $b = 5.00$, $t = 0.30$, $r = 0.60$

Širini podpor elementa levo = 0.00 cm, desno = 0.00 cm

Jeklo: S 235

Podpore in uklonska polja okoli osi y

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

Podpore in uklonska polja okoli osi z

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

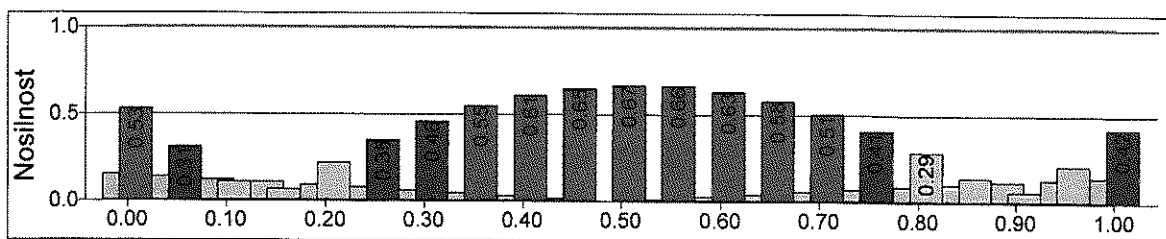
Podpore in uklonska polja za bočno zvrnitev

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

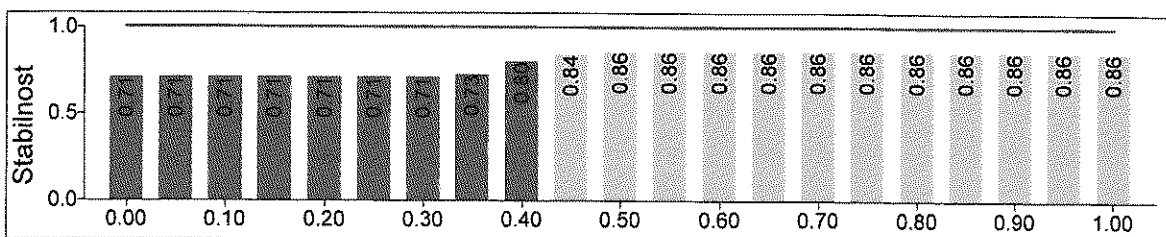
Relativna lega obtežbe za BZ je -1.00 (neugodno).

Mejno stanje nosilnosti

Nosilnosti prečnih prerezov



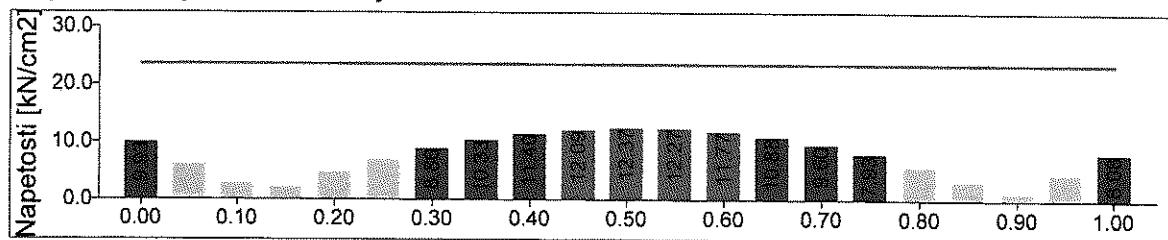
Stabilnost elementa



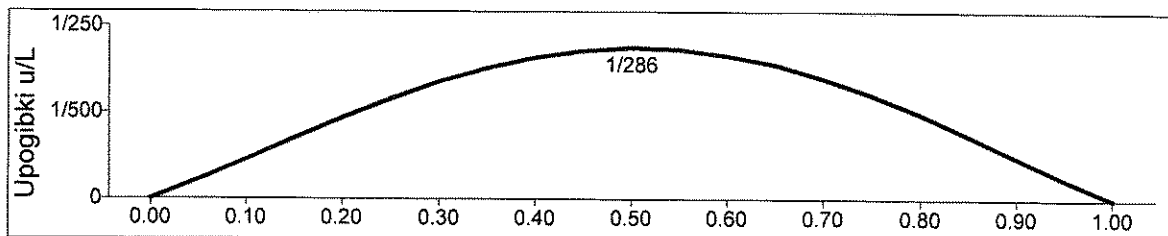
Element je bil razvrščen v razred 1. Vse kontrole stabilnosti so bile uspešne. Merodajna kontrola je kontrola stabilnosti na tlačno osno silo in upogibni moment [$0.864 \leq 1.0$] za obtežni primer '[U] G+Q'.

Mejno stanje uporabnosti

Napetosti v uporabnem stanju

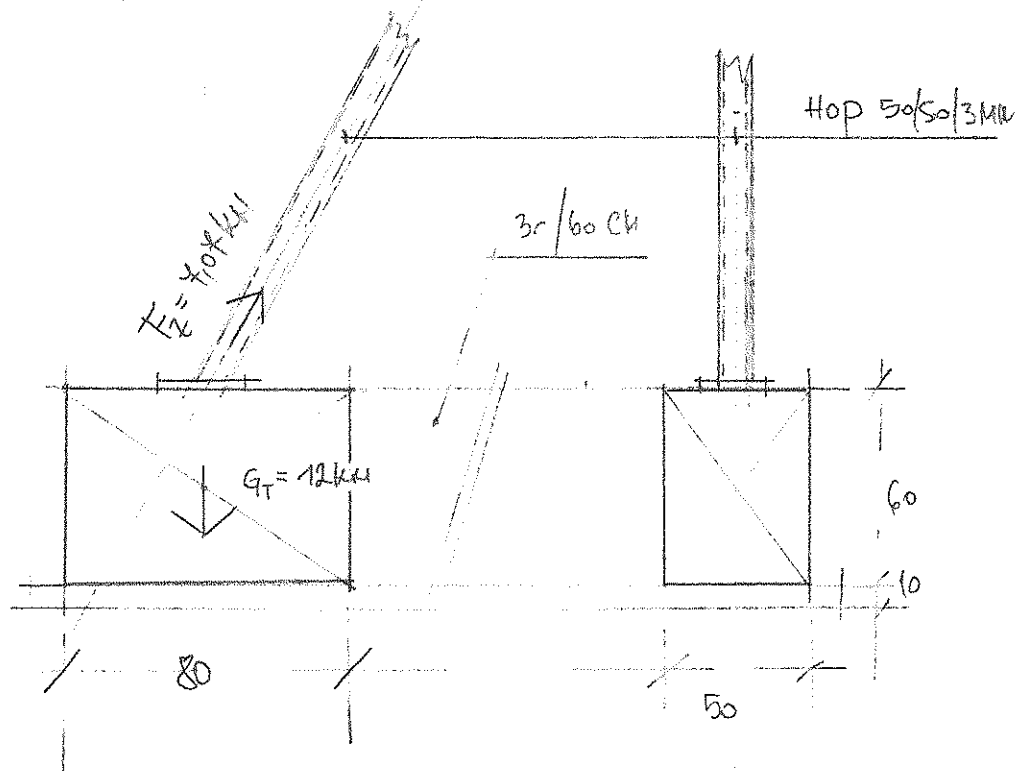


Lokalni upogibki elementa



POZ (3) TEMELJ P/H/D = 8/10/60 CM Bst 500' CII/30

ZASNOVA



$$G_T = 0,8 \times 1,0 \times 0,6 \times 25 = 12 \text{ kN}$$

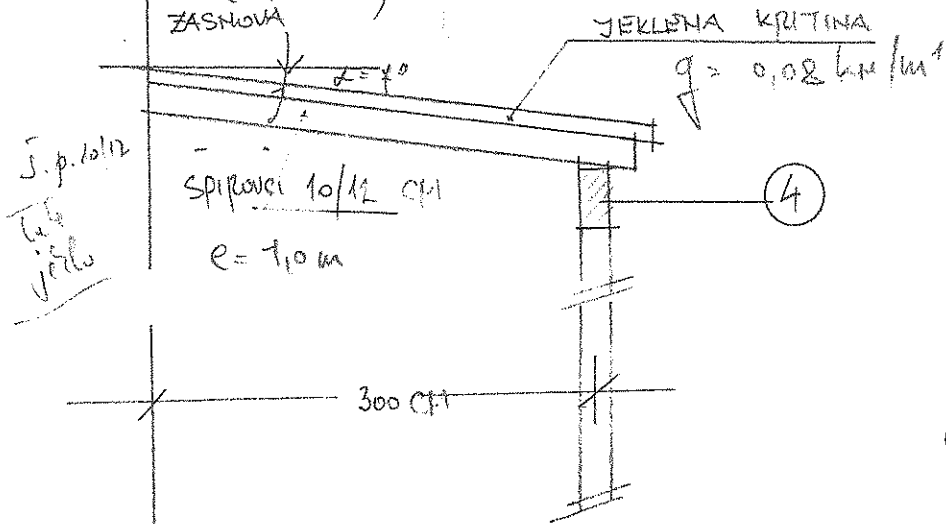
Skicinal: Sotensel Mejaž, arh. pr.

POZ (4) LESAN LEPLJEN MOSIČ B/H = 20/30 CM; GLC 24

(Priloge)

Pož 4 - SD-LAŠKO

OBJECTION



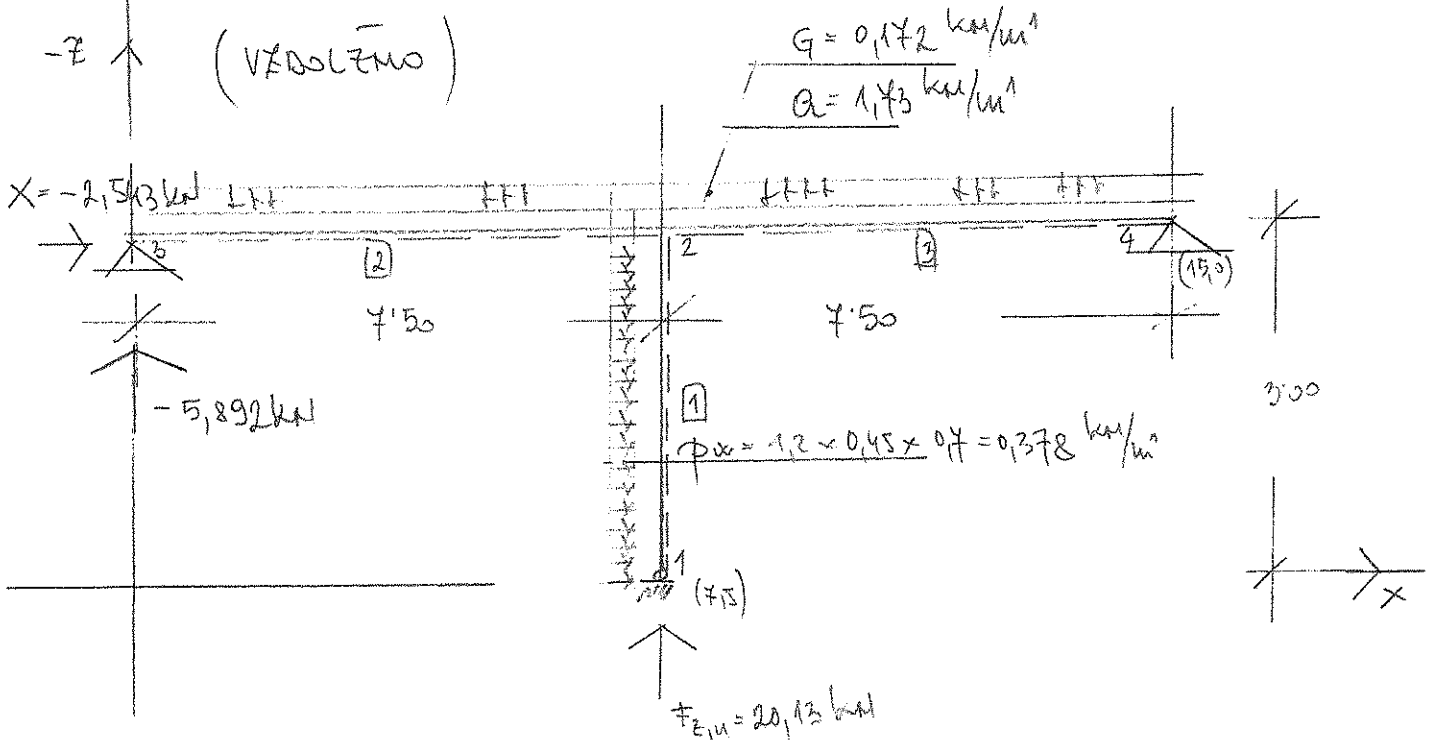
$- k_{\text{ritine}} = 0,08 \text{ km/h}$
 $- \text{spinosi + labe} = 0,15 \text{ km/h}$

 $G = 0,23 \text{ km/h}$

- snep $\rightarrow Q_s = 2,30 \text{ km/km}^1$
- veten $\rightarrow Q_v = 0,45 \text{ km/km}^1$

$$G = 0,5 \times 0,23 \times 1,5 = 0,172 \text{ kW/m}^2$$

$$Q = 0,5 \times 2,30 \times 15 = 1,73 \text{ kW/m}^2$$

$$-E \uparrow \quad (V_{\text{DOLZMO}})$$


OBREMENITEU

$$M_{\max 2}^d = -21,72 \text{ kNm}; \quad M_{\max 1}^d = +12,14 \text{ kNm}$$

DIMENSIONIRANJE

Nozilhost strip in normalna 0,75
 al. bil. st 0,74

Stabilität 0,74

Nucleotostri 0,56 kW/cm²

Upogibki u/L 1/824

POZ 4-LESEN LEPLJEN OKVIR B/H=20/28 CM, GLC 24

Shema konstrukcije

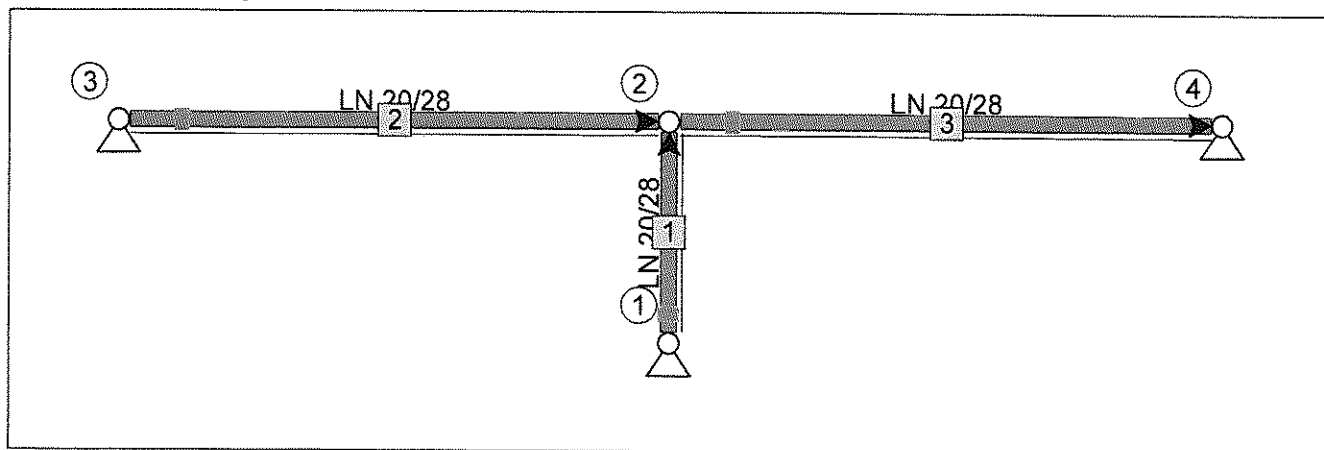


Tabela vozlišč

Index	X koor. [cm]	Z koor. [cm]	Podpore
1:	750.00	0.00000	Ux Uz
2:	750.00	-300.00	-

Index	X koor. [cm]	Z koor. [cm]	Podpore
3:	0.00000	-300.00	Ux Uz
4:	1500.0	-300.00	Ux Uz

Tabela elementov

Index	Tip	Voz. 1	Voz. 2	Prečni prerez	Material	Dolžina [cm]	Spr. 1	Spr. 2
1:	nelin.	1:	2:	1: LN 20/28	1: GL24c	300.00	-	-
2:	nelin.	3:	2:	1: LN 20/28	1: GL24c	750.00	-	-
3:	nelin.	2:	4:	1: LN 20/28	1: GL24c	750.00	-	-

Tabela materialov

Index	Elastični modul [kN/cm ²]	Koef. termičnega raztezka [1/d°C]
1: GL24c	1080.0	0.00000

Tabela prečnih prerezov

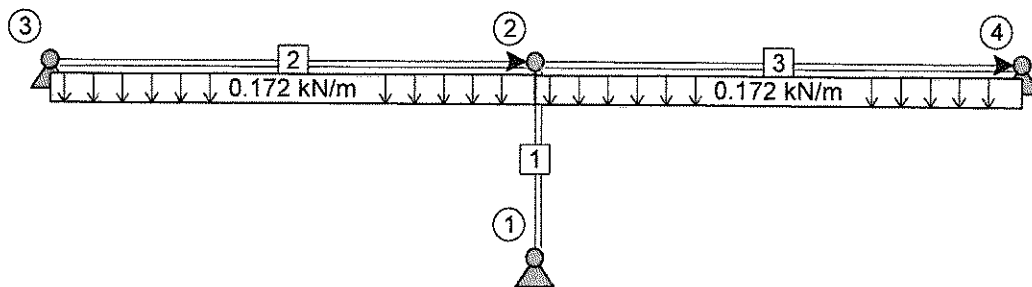
Index	A [cm ²]	Iy [cm ⁴]	Višina [cm]
1: LN 20/28	560.00	36587.	28.000

Obtežni vplivi in obtežni primeri

Obtežni primer	Mejno stanje	G	Q
G+Q	nosilnosti	1.35	1.50
G+Q/ser	uporabnosti	1.00	1.00

A1 : G

G + Lastna teža je avtomatično upoštevana.

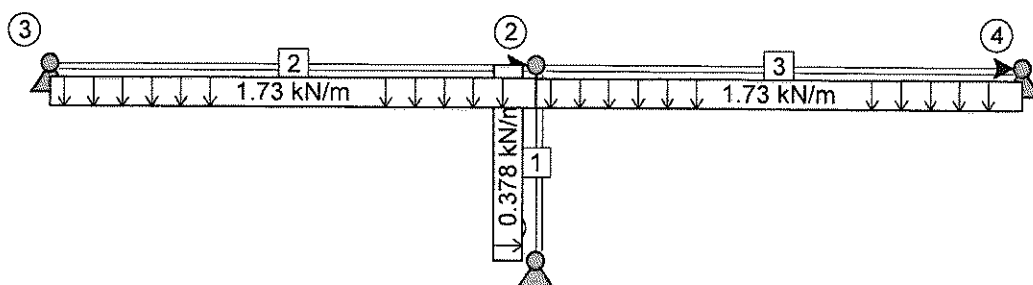


A1: G: Enakomerna zvezna obtežba elementov

Element	Fx s [kN/m]	Fx e [kN/m]	Fz s [kN/m]	Fz e [kN/m]	Mys [kNm/m]	Mye [kNm/m]	Smer	Začetek	Konec	Lega	Ime
2:	0.00000	0.00000	0.17200	0.17200	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	ST.TEŽ
3:	0.00000	0.00000	0.17200	0.17200	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	ST.TEŽ

A2 : Q

Q

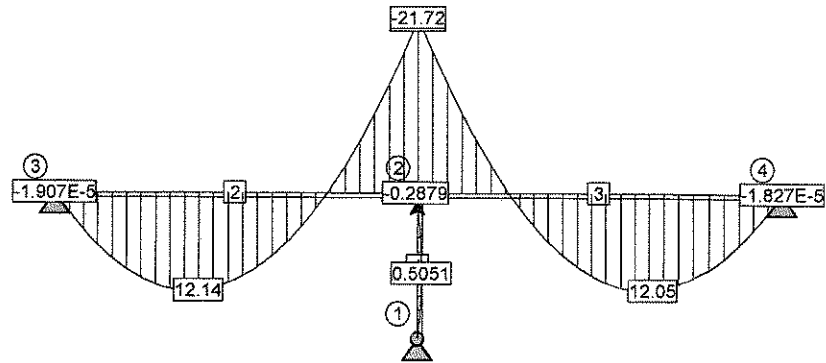


A2: Q: Enakomerna zvezna obtežba elementov

Element	Fx s [kN/m]	Fx e [kN/m]	Fz s [kN/m]	Fz e [kN/m]	Mys [kNm/m]	Mye [kNm/m]	Smer	Začetek	Konec	Lega	Ime
1:	0.00000	0.00000	0.37800	0.37800	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	VETER
2:	0.00000	0.00000	1.73000	1.73000	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	SNEG
3:	0.00000	0.00000	1.73000	1.73000	0.00000	0.00000	Lokalni	0.00	1.00	Lokalni	SNEG

LC1: G+Q: Upogibni moment M_y

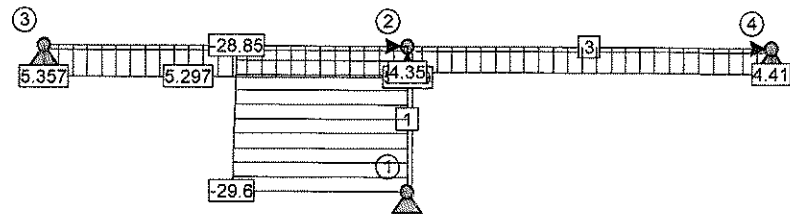
1.35 G + 1.50 Q



Enote: kNm

LC1: G+Q: Osna sila F_x

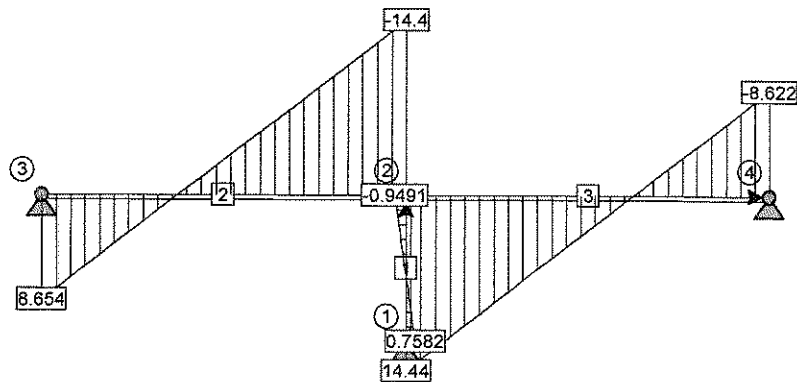
1.35 G + 1.50 Q



Enote: kN

LC1: G+Q: Prečna sila F_z

1.35 G + 1.50 Q



Enote: kN

LC1: G+Q: Vozlišeni pomiki

Voz	ux [cm]	uz [cm]	fiy [deg]
1:	-	-	-0.0073028
2:	0.00050143	0.014498	0.0050211

Voz	ux [cm]	uz [cm]	fiy [deg]
3:	-	-	-0.39513
4:	-	-	0.39039

LC1: G+Q: Reakcije

Voz	Fx [kN]	Fz [kN]	My [kNm]
1:	-0.75445	-29.604	-
3:	-5.2977	-8.6907	-

Voz	Fx [kN]	Fz [kN]	My [kNm]
4:	4.3511	-8.6523	-

LC1: G+Q: Element 1:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-29.604	0.75822	0.00000
0.05	-29.566	0.67310	0.10735
0.10	-29.528	0.58787	0.20192
0.15	-29.490	0.50255	0.28369
0.20	-29.452	0.41713	0.35267
0.25	-29.415	0.33165	0.40882
0.30	-29.377	0.24612	0.45216
0.35	-29.339	0.16055	0.48265
0.40	-29.301	0.074946	0.50032
0.45	-29.263	-0.010665	0.50514
0.50	-29.226	-0.096272	0.49712

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-29.188	-0.18186	0.47626
0.60	-29.150	-0.26742	0.44256
0.65	-29.112	-0.35293	0.39604
0.70	-29.074	-0.43839	0.33669
0.75	-29.036	-0.52377	0.26453
0.80	-28.999	-0.60906	0.17957
0.85	-28.961	-0.69425	0.081827
0.90	-28.923	-0.77933	-0.028688
0.95	-28.885	-0.86428	-0.15195
1.00	-28.847	-0.94908	-0.28795

LC1: G+Q: Element 2:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	5.3575	8.6540	-1.9065E-05
0.05	5.3484	7.5000	3.0288
0.10	5.3380	6.3475	5.6253
0.15	5.3273	5.1962	7.7897
0.20	5.3174	4.0458	9.5225
0.25	5.3090	2.8962	10.824
0.30	5.3026	1.7472	11.695
0.35	5.2987	0.59841	12.135
0.40	5.2974	-0.55022	12.144
0.45	5.2987	-1.6990	11.722
0.50	5.3024	-2.8480	10.869

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	5.3082	-3.9976	9.5858
0.60	5.3156	-5.1479	7.8710
0.65	5.3237	-6.2992	5.7247
0.70	5.3316	-7.4517	3.1464
0.75	5.3382	-8.6056	0.13565
0.80	5.3422	-9.7612	-3.3081
0.85	5.3421	-10.919	-7.1855
0.90	5.3361	-12.078	-11.497
0.95	5.3224	-13.240	-16.244
1.00	5.2989	-14.404	-21.428

LC1: G+Q: Element 3:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	4.3498	14.443	-21.715
0.05	4.3740	13.281	-16.517

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.10	4.3882	12.120	-11.755
0.15	4.3946	10.961	-7.4270

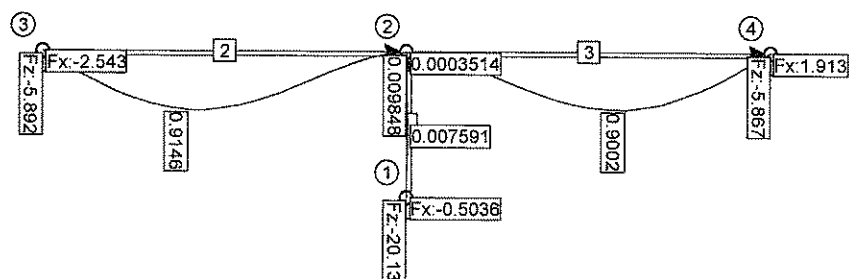
LC1: G+Q: Element 3:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.20	4.3951	9.8042	-3.5335
0.25	4.3914	8.6488	-0.073605
0.30	4.3850	7.4946	2.9533
0.35	4.3772	6.3417	5.5476
0.40	4.3691	5.1897	7.7097
0.45	4.3618	4.0385	9.4399
0.50	4.3560	2.8879	10.739
0.55	4.3522	1.7378	11.606
0.60	4.3508	0.58793	12.042

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.65	4.3520	-0.56184	12.047
0.70	4.3559	-1.7117	11.621
0.75	4.3621	-2.8618	10.763
0.80	4.3704	-4.0123	9.4742
0.85	4.3802	-5.1635	7.7537
0.90	4.3907	-6.3154	5.6015
0.95	4.4010	-7.4684	3.0170
1.00	4.4099	-8.6224	-1.8270E-05

LC2: G+Q/ser: Pomiki in reakcije

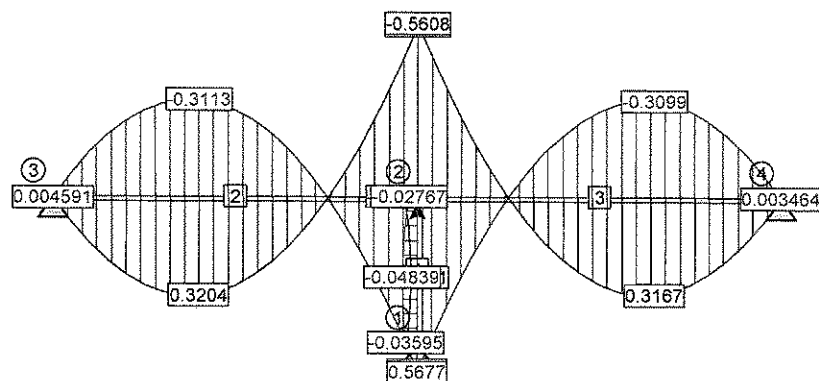
1.00 G + 1.00 Q



Enote: cm, kN, kNm

LC2: G+Q/ser: Napetost

1.00 G + 1.00 Q



Enote: kN/cm2

LC2: G+Q/ser: Vozlišeni pomiki

Voz	ux [cm]	uz [cm]	fiy [deg]
1:	-	-	-0.0048750
2:	0.00035137	0.0098480	0.0033608

Voz	ux [cm]	uz [cm]	fiy [deg]
3:	-	-	-0.26853
4:	-	-	0.26529

LC2: G+Q/ser: Reakcije

Voz	Fx [kN]	Fz [kN]	My [kNm]
1:	-0.50357	-20.133	-
3:	-2.5431	-5.8923	-

Voz	Fx [kN]	Fz [kN]	My [kNm]
4:	1.9126	-5.8669	-

LC2: G+Q/ser: Element 1:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	-20.133	0.50528	0.00000
0.05	-20.105	0.44855	0.071536
0.10	-20.077	0.39177	0.13456
0.15	-20.049	0.33494	0.18906
0.20	-20.021	0.27808	0.23504
0.25	-19.993	0.22119	0.27248
0.30	-19.965	0.16427	0.30139
0.35	-19.937	0.10733	0.32176
0.40	-19.909	0.050380	0.33359
0.45	-19.881	-0.0065744	0.33687
0.50	-19.853	-0.063527	0.33161

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	-19.825	-0.12047	0.31781
0.60	-19.797	-0.17740	0.29547
0.65	-19.769	-0.23431	0.26460
0.70	-19.741	-0.29120	0.22518
0.75	-19.713	-0.34804	0.17724
0.80	-19.685	-0.40486	0.12078
0.85	-19.657	-0.46162	0.055792
0.90	-19.629	-0.51833	-0.017703
0.95	-19.601	-0.57499	-0.099700
1.00	-19.573	-0.63158	-0.19019

LC2: G+Q/ser: Element 2:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	2.5706	5.8803	0.00000
0.05	2.5665	5.0973	2.0583
0.10	2.5617	4.3147	3.8230
0.15	2.5567	3.5325	5.2944
0.20	2.5522	2.7507	6.4725
0.25	2.5483	1.9691	7.3574
0.30	2.5453	1.1876	7.9493
0.35	2.5435	0.40628	8.2481
0.40	2.5429	-0.37501	8.2540
0.45	2.5435	-1.1563	7.9669
0.50	2.5453	-1.9378	7.3867

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.55	2.5479	-2.7194	6.5135
0.60	2.5513	-3.5012	5.3471
0.65	2.5551	-4.2834	3.8875
0.70	2.5587	-5.0660	2.1345
0.75	2.5618	-5.8490	0.087987
0.80	2.5636	-6.6325	-2.2523
0.85	2.5636	-7.4167	-4.8865
0.90	2.5608	-8.2015	-7.8149
0.95	2.5545	-8.9871	-11.038
1.00	2.5436	-9.7735	-14.555

LC2: G+Q/ser: Element 3:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.00	1.9120	9.7991	-14.746
0.05	1.9232	9.0134	-11.218

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.10	1.9297	8.2284	-7.9853
0.15	1.9327	7.4439	-5.0468

LC2: G+Q/ser: Element 3:

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.20	1.9329	6.6599	-2.4023
0.25	1.9312	5.8764	-0.051767
0.30	1.9282	5.0933	2.0051
0.35	1.9247	4.3106	3.7683
0.40	1.9210	3.5281	5.2380
0.45	1.9176	2.7459	6.4144
0.50	1.9149	1.9638	7.2975
0.55	1.9131	1.1819	7.8873
0.60	1.9125	0.40009	8.1839

Lega	Fx [kN]	Fz [kN]	My [kNm]
0.65	1.9130	-0.38171	8.1874
0.70	1.9148	-1.1635	7.8976
0.75	1.9177	-1.9454	7.3147
0.80	1.9215	-2.7275	6.4385
0.85	1.9260	-3.5097	5.2691
0.90	1.9309	-4.2921	3.8062
0.95	1.9356	-5.0749	2.0499
1.00	1.9398	-5.8580	0.00000

Rezultati za element 2 (Preverjeno po EC5):

Preëni prerez [cm]

[LN 20/28], $h = 28.00$, $b = 20.00$

Širini podpor elementa levo = 0.00 cm, desno = 0.00 cm

Les: GL24c (lepljeni)

Podpore in uklonska polja okoli osi y

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

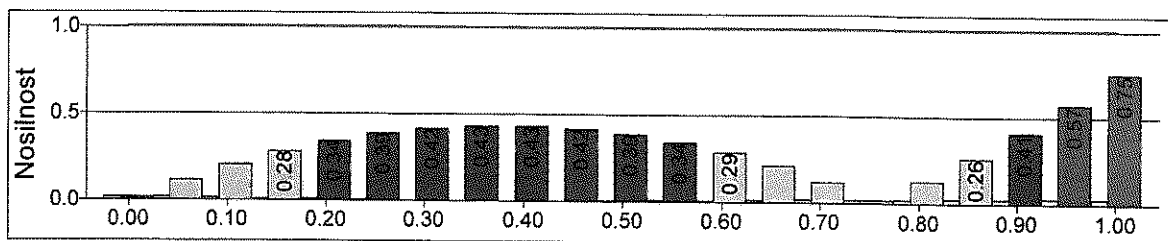
Podpore in uklonska polja okoli osi z

Polje	x začetek	x konec	uklonski koef.
1	0.000	1.000	1.000

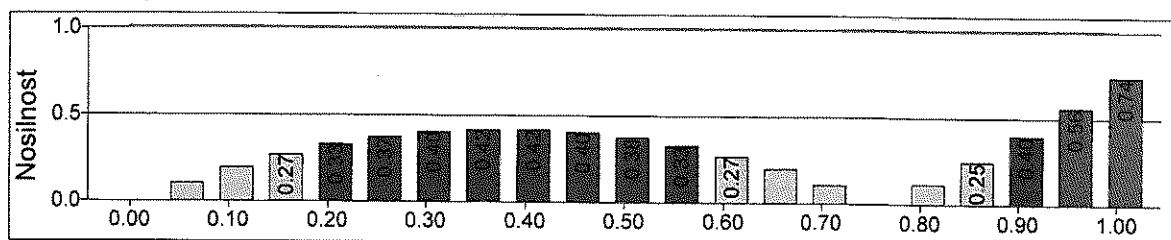
Uporabni razred elementa (service class) 2

Mejno stanje nosilnosti

Nosilnost strig in normalna

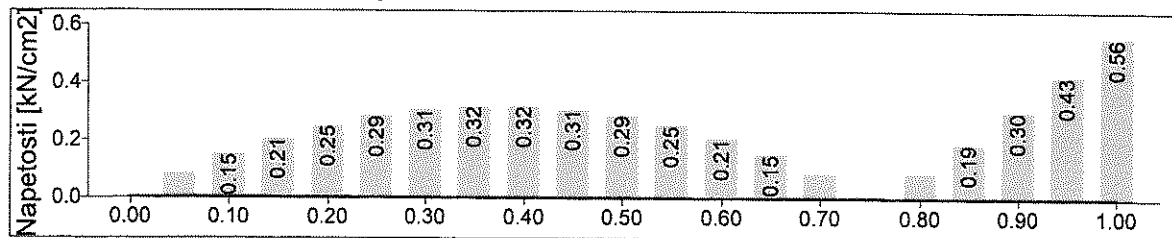


Nosilnost glede na stabilnost



Mejno stanje uporabnosti

Napetosti v uporabnem stanju



Lokalni upogibki elementa

