

Uticajne linije za oslonačke momente M1, M2, M3

Polje 1

Polje	Presjek	x	M1	M2	M3
1	0	0.00	0.0000	0.0000	0.0000
1	1	0.60	-0.1293	0.0349	-0.0105
1	2	1.20	-0.2507	0.0678	-0.0203
1	3	1.80	-0.3565	0.0964	-0.0289
1	4	2.40	-0.4388	0.1186	-0.0356
1	5	3.00	-0.4897	0.1324	-0.0397
1	6	3.60	-0.5015	0.1355	-0.0407
1	7	4.20	-0.4662	0.1260	-0.0378
1	8	4.80	-0.3761	0.1016	-0.0305
1	9	5.40	-0.2233	0.0604	-0.0181
1	10	6.00	0.0000	0.0000	0.0000

Polje 2

Polje	Presjek	x	M1	M2	M3
2	0	0.00	0.0000	0.0000	0.0000
2	1	0.60	-0.2825	-0.0842	0.0253
2	2	1.20	-0.4625	-0.1864	0.0559
2	3	1.80	-0.5548	-0.2928	0.0878
2	4	2.40	-0.5743	-0.3896	0.1169
2	5	3.00	-0.5360	-0.4632	0.1390
2	6	3.60	-0.4549	-0.4998	0.1499
2	7	4.20	-0.3458	-0.4855	0.1456
2	8	4.80	-0.2236	-0.4066	0.1220
2	9	5.40	-0.1034	-0.2494	0.0748
2	10	6.00	0.0000	0.0000	0.0000

Polje 3

Polje	Presjek	x	M1	M2	M3
3	0	0.00	0.0000	0.0000	0.0000
3	1	0.60	0.0748	-0.2494	-0.1034
3	2	1.20	0.1220	-0.4066	-0.2236
3	3	1.80	0.1456	-0.4855	-0.3458
3	4	2.40	0.1499	-0.4998	-0.4549
3	5	3.00	0.1390	-0.4632	-0.5360
3	6	3.60	0.1169	-0.3896	-0.5743
3	7	4.20	0.0878	-0.2928	-0.5548
3	8	4.80	0.0559	-0.1864	-0.4625
3	9	5.40	0.0253	-0.0842	-0.2825
3	10	6.00	0.0000	0.0000	0.0000

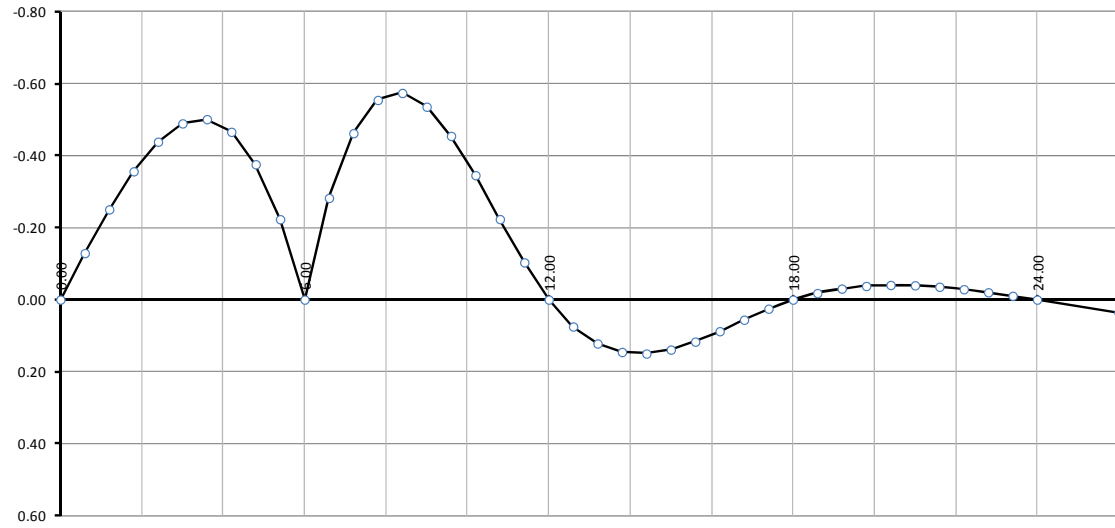
Polje 3

Polje	Presjek	x	M1	M2	M3
4	0	0.00	0.0000	0.0000	0.0000
4	1	0.60	-0.0181	0.0604	-0.2233
4	2	1.20	-0.0305	0.1016	-0.3761
4	3	1.80	-0.0378	0.1260	-0.4662
4	4	2.40	-0.0407	0.1355	-0.5015
4	5	3.00	-0.0397	0.1324	-0.4897
4	6	3.60	-0.0356	0.1186	-0.4388
4	7	4.20	-0.0289	0.0964	-0.3565
4	8	4.80	-0.0203	0.0678	-0.2507
4	9	5.40	-0.0105	0.0349	-0.1293
4	10	6.00	0.0000	0.0000	0.0000

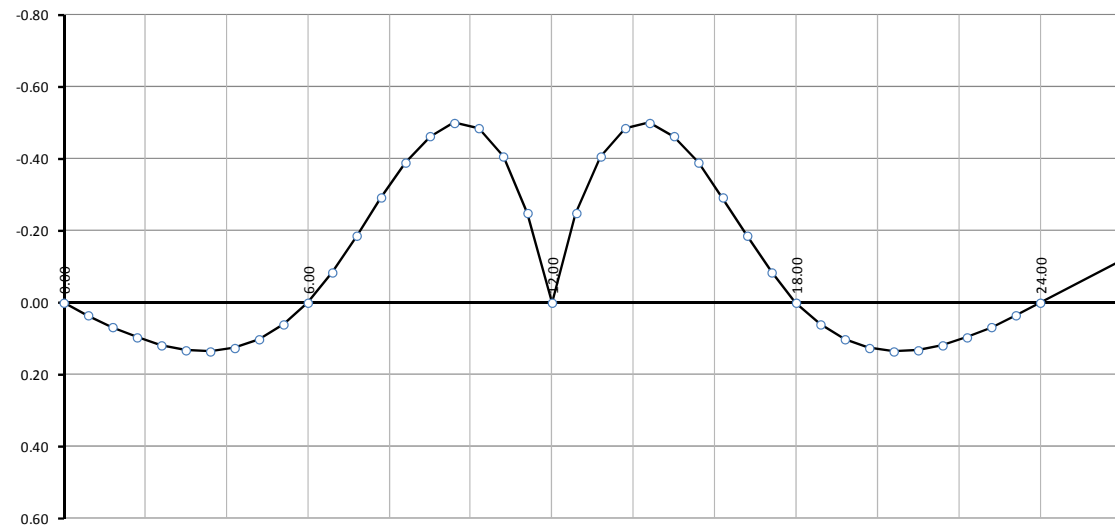
Preput

Polje	Presjek	x	M1	M2	M3
5	0	0.00	0.0000	0.0000	0.0000
5	1	2.00	0.0353	-0.1176	0.4353

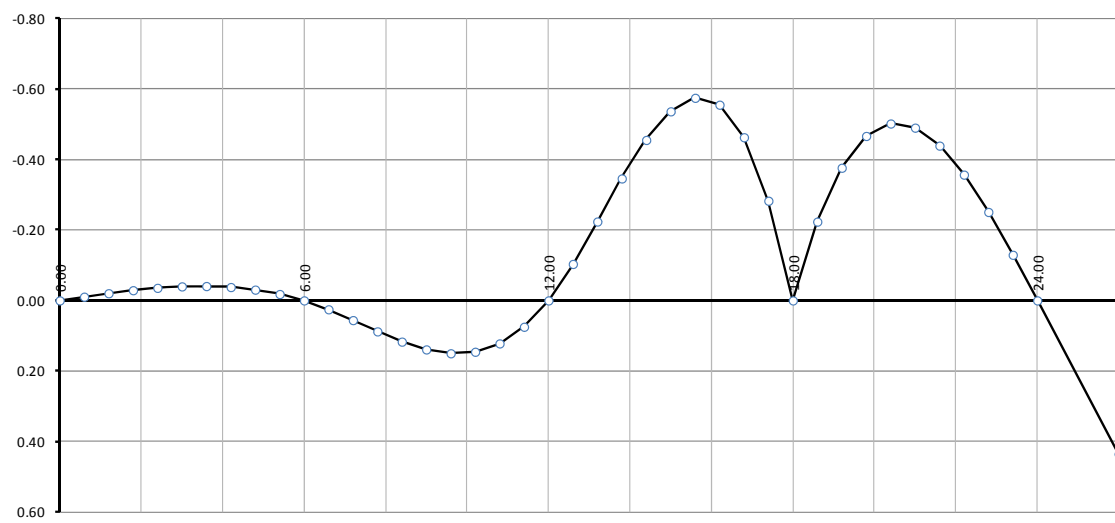
Moment **M1**



Moment **M2**



Moment **M3**



Uticajna linija za moment M_{26} u presjeku 6 u 2. polju

$$M_{26} = M_{26}^0 + M_1 \cdot \left(1 - \frac{x_C}{l_2}\right) + M_2 \cdot \frac{x_C}{l_2}$$

$$M_{26} = M_{26}^0 + M_1 \cdot \left(1 - \frac{0,6 \cdot l_2}{l_2}\right) + M_2 \cdot \frac{0,6 \cdot l_2}{l_2}$$

$$M_{26} = M_{26}^0 + 0,4 \cdot M_1 + 0,6 \cdot M_2$$

Polje 1

Polje	Presjek	x	M_{26}^0	$0,4 \cdot M_1$	$0,6 \cdot M_2$	M_{26}
1	0	0.00		0.0000	0.0000	0.0000
1	1	0.60		-0.0517	0.0210	-0.0307
1	2	1.20		-0.1003	0.0407	-0.0596
1	3	1.80		-0.1426	0.0578	-0.0848
1	4	2.40		-0.1755	0.0712	-0.1044
1	5	3.00		-0.1959	0.0794	-0.1165
1	6	3.60		-0.2006	0.0813	-0.1193
1	7	4.20		-0.1865	0.0756	-0.1109
1	8	4.80		-0.1504	0.0610	-0.0894
1	9	5.40		-0.0893	0.0362	-0.0531
1	10	6.00		0.0000	0.0000	0.0000

Polje 2

Polje	Presjek	x	M_{26}^0	$0,4 \cdot M_1$	$0,6 \cdot M_2$	M_{26}
2	0	0.00	0.0000	0.0000	0.0000	0.0000
2	1	0.60	0.2400	-0.1130	-0.0505	0.0765
2	2	1.20	0.4800	-0.1850	-0.1118	0.1832
2	3	1.80	0.7200	-0.2219	-0.1757	0.3224
2	4	2.40	0.9600	-0.2297	-0.2338	0.4965
2	5	3.00	1.2000	-0.2144	-0.2779	0.7076
2	6	3.60	1.4400	-0.1819	-0.2999	0.9582
2	7	4.20	1.0800	-0.1383	-0.2913	0.6504
2	8	4.80	0.7200	-0.0894	-0.2440	0.3866
2	9	5.40	0.3600	-0.0414	-0.1496	0.1690
2	10	6.00	0.0000	0.0000	0.0000	0.0000

Polje 3

Polje	Presjek	x	M_{26}^0	$0,4 \cdot M_1$	$0,6 \cdot M_2$	M_{26}
3	0	0.00		0.0000	0.0000	0.0000
3	1	0.60		0.0299	-0.1496	-0.1197
3	2	1.20		0.0488	-0.2440	-0.1952
3	3	1.80		0.0583	-0.2913	-0.2330
3	4	2.40		0.0600	-0.2999	-0.2399
3	5	3.00		0.0556	-0.2779	-0.2224
3	6	3.60		0.0468	-0.2338	-0.1870
3	7	4.20		0.0351	-0.1757	-0.1405
3	8	4.80		0.0224	-0.1118	-0.0894
3	9	5.40		0.0101	-0.0505	-0.0404
3	10	6.00		0.0000	0.0000	0.0000

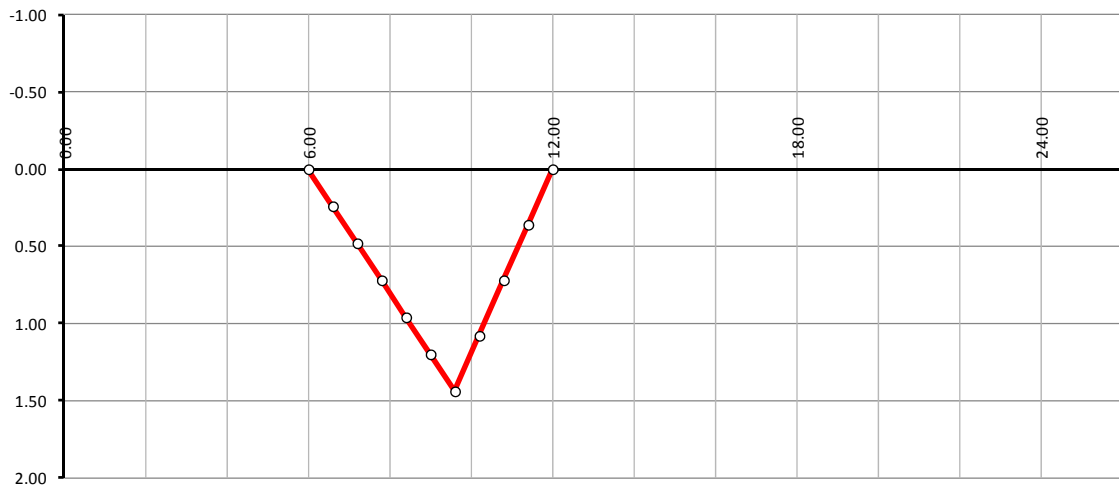
Polje 4

Polje	Presjek	x	M_{26}^0	$0,4 \cdot M_1$	$0,6 \cdot M_2$	M_{26}
4	0	0.00		0.0000	0.0000	0.0000
4	1	0.60		-0.0072	0.0362	0.0290
4	2	1.20		-0.0122	0.0610	0.0488
4	3	1.80		-0.0151	0.0756	0.0605
4	4	2.40		-0.0163	0.0813	0.0651
4	5	3.00		-0.0159	0.0794	0.0635
4	6	3.60		-0.0142	0.0712	0.0569
4	7	4.20		-0.0116	0.0578	0.0462
4	8	4.80		-0.0081	0.0407	0.0325
4	9	5.40		-0.0042	0.0210	0.0168
4	10	6.00		0.0000	0.0000	0.0000

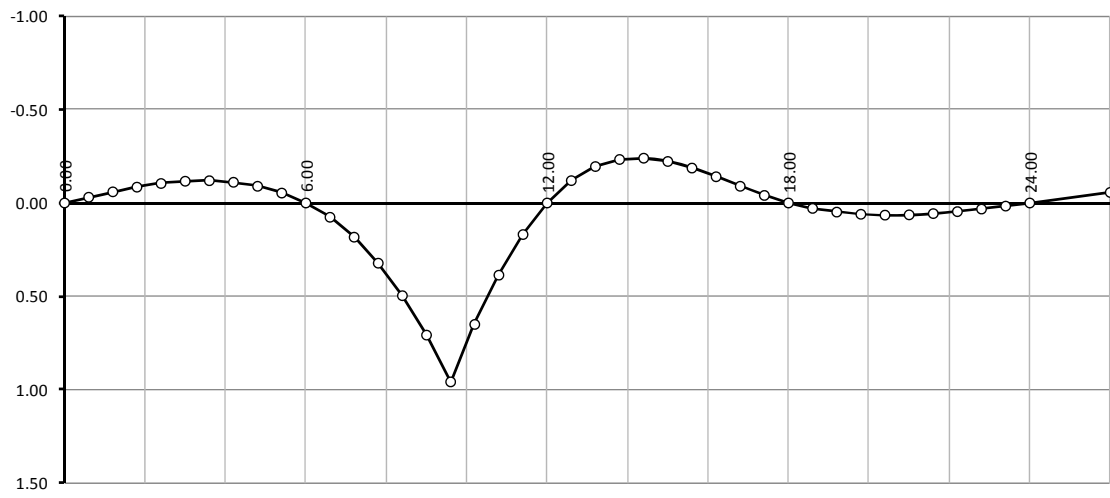
Prepust

Polje	Presjek	x	M_{26}^0	$0,4 \cdot M_1$	$0,6 \cdot M_2$	M_{26}
5	0	0.00		0.0000	0.0000	0.0000
5	1	2.00		0.0141	-0.0706	-0.0565

Moment M_{26}^0



Moment M_{26}



Uticajna linija za transverzalnu silu T_{26} u presjeku 6 u 2. polju

$$T_{26} = T_{26}^0 + \frac{M_2 - M_1}{l_2}$$

$$T_{26} = T_{26}^0 + \frac{M_2 - M_1}{6}$$

Polje 1

Polje	Presjek	x	T_{26}^0	$(M_2 - M_1)/6$	T_{26}
1	0	0.00		0.0000	0.0000
1	1	0.60		0.0274	0.0274
1	2	1.20		0.0531	0.0531
1	3	1.80		0.0755	0.0755
1	4	2.40		0.0929	0.0929
1	5	3.00		0.1037	0.1037
1	6	3.60		0.1062	0.1062
1	7	4.20		0.0987	0.0987
1	8	4.80		0.0796	0.0796
1	9	5.40		0.0473	0.0473
1	10	6.00		0.0000	0.0000

Polje 2

Polje	Presjek	x	T_{26}^0	$(M_2 - M_1)/6$	T_{26}
2	0	0.00	0.0000	0.0000	0.0000
2	1	0.60	-0.1000	0.0331	-0.0669
2	2	1.20	-0.2000	0.0460	-0.1540
2	3	1.80	-0.3000	0.0437	-0.2563
2	4	2.40	-0.4000	0.0308	-0.3692
2	5	3.00	-0.5000	0.0121	-0.4879
2	6	3.60	-0.6000 0.4000	-0.0075	-0.6075 0.3925
2	7	4.20	0.3000	-0.0233	0.2767
2	8	4.80	0.2000	-0.0305	0.1695
2	9	5.40	0.1000	-0.0243	0.0757
2	10	6.00	0.0000	0.0000	0.0000

Polje 3

Polje	Presjek	x	T_{26}^0	$(M_2 - M_1)/6$	T_{26}
3	0	0.00		0.0000	0.0000
3	1	0.60		-0.0540	-0.0540
3	2	1.20		-0.0881	-0.0881
3	3	1.80		-0.1052	-0.1052
3	4	2.40		-0.1083	-0.1083
3	5	3.00		-0.1004	-0.1004
3	6	3.60		-0.0844	-0.0844
3	7	4.20		-0.0634	-0.0634
3	8	4.80		-0.0404	-0.0404
3	9	5.40		-0.0182	-0.0182
3	10	6.00		0.0000	0.0000

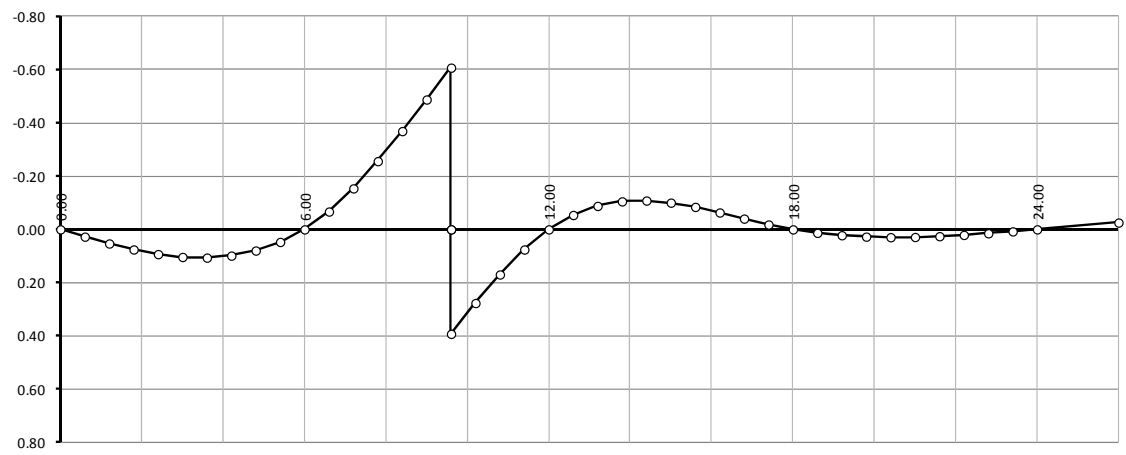
Polje 4

Polje	Presjek	x	T_{26}^0	$(M_2 - M_1)/6$	T_{26}
4	0	0.00		0.0000	0.0000
4	1	0.60		0.0131	0.0131
4	2	1.20		0.0220	0.0220
4	3	1.80		0.0273	0.0273
4	4	2.40		0.0294	0.0294
4	5	3.00		0.0287	0.0287
4	6	3.60		0.0257	0.0257
4	7	4.20		0.0209	0.0209
4	8	4.80		0.0147	0.0147
4	9	5.40		0.0076	0.0076
4	10	6.00		0.0000	0.0000

Prepust

Polje	Presjek	x	T_{26}^0	$(M_2 - M_1)/6$	T_{26}
5	0	0.00		0.0000	0.0000
5	1	2.00		-0.0255	-0.0255

Transverzalna sila T_{26}



Uticajna linija za reakciju u osloncu 2

$$R_2 = R_2^0 + \frac{M_1}{l_2} - \left(\frac{1}{l_2} + \frac{1}{l_3}\right) \cdot M_2 + \frac{M_3}{l_3}$$

$$R_2 = R_2^0 + \frac{M_1}{6} - \frac{M_2}{3} + \frac{M_3}{6} = R_2^0 + \frac{M_1 - 2 \cdot M_2 + M_3}{6}$$

Polje 1

Polje	Presjek	x	R_2^0	R_2^M	R_2
1	0	0.00		0.0000	0.0000
1	1	0.60		-0.0349	-0.0349
1	2	1.20		-0.0678	-0.0678
1	3	1.80		-0.0964	-0.0964
1	4	2.40		-0.1186	-0.1186
1	5	3.00		-0.1324	-0.1324
1	6	3.60		-0.1355	-0.1355
1	7	4.20		-0.1260	-0.1260
1	8	4.80		-0.1016	-0.1016
1	9	5.40		-0.0604	-0.0604
1	10	6.00		0.0000	0.0000

Polje 2

Polje	Presjek	x	R_2^0	R_2^M	R_2
2	0	0.00	0.0000	0.0000	0.0000
2	1	0.60	0.1000	-0.0148	0.0852
2	2	1.20	0.2000	-0.0056	0.1944
2	3	1.80	0.3000	0.0198	0.3198
2	4	2.40	0.4000	0.0536	0.4536
2	5	3.00	0.5000	0.0882	0.5882
2	6	3.60	0.6000	0.1158	0.7158
2	7	4.20	0.7000	0.1285	0.8285
2	8	4.80	0.8000	0.1186	0.9186
2	9	5.40	0.9000	0.0784	0.9784
2	10	6.00	1.0000	0.0000	1.0000

Polje 3

Polje	Presjek	x	R_2^0	R_2^M	R_2
3	0	0.00	1.0000	0.0000	1.0000
3	1	0.60	0.9000	0.0784	0.9784
3	2	1.20	0.8000	0.1186	0.9186
3	3	1.80	0.7000	0.1285	0.8285
3	4	2.40	0.6000	0.1158	0.7158
3	5	3.00	0.5000	0.0882	0.5882
3	6	3.60	0.4000	0.0536	0.4536
3	7	4.20	0.3000	0.0198	0.3198
3	8	4.80	0.2000	-0.0056	0.1944
3	9	5.40	0.1000	-0.0148	0.0852
3	10	6.00	0.0000	0.0000	0.0000

Polje 4

Polje	Presjek	x	R_2^0	R_2^M	R_2
3	0	0.00		0.0000	0.0000
3	1	0.60		-0.0604	-0.0604
3	2	1.20		-0.1016	-0.1016
3	3	1.80		-0.1260	-0.1260
3	4	2.40		-0.1355	-0.1355
3	5	3.00		-0.1324	-0.1324
3	6	3.60		-0.1186	-0.1186
3	7	4.20		-0.0964	-0.0964
3	8	4.80		-0.0678	-0.0678
3	9	5.40		-0.0349	-0.0349
3	10	6.00		0.0000	0.0000

Prepust

Polje	Presjek	x	R_2^0	R_2^M	R_2
5	0	0.00		0.0000	0.0000
5	1	2.00		0.1176	0.1176

