

Program B4 3.x Fast/WinWord
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Maribor, 23. januar 2001

**Podatki o geometriji temeljev in obte bah****Temelj 1 [2]**

$x_1 = 2.000 \text{ m}$ $y_1 = 1.600 \text{ m}$ $q_1 = 2.520 \text{ kPa}$
 $x_2 = 2.000 \text{ m}$ $y_2 = 2.300 \text{ m}$ $q_2 = 2.520 \text{ kPa}$
 $x_3 = 10.200 \text{ m}$ $y_3 = 2.300 \text{ m}$ $q_3 = 2.520 \text{ kPa}$
 $x_4 = 10.200 \text{ m}$ $y_4 = 1.600 \text{ m}$ $q_4 = 2.520 \text{ kPa}$
 Center $X=6.1 \text{ m}$ $Y=1.95 \text{ m}$
 $Z = 0.0000 \text{ m}$

Temelj 2 [2]

$x_1 = 9.700 \text{ m}$ $y_1 = -5.000 \text{ m}$ $q_1 = 2.700 \text{ kPa}$
 $x_2 = 9.700 \text{ m}$ $y_2 = 1.600 \text{ m}$ $q_2 = 2.700 \text{ kPa}$
 $x_3 = 10.200 \text{ m}$ $y_3 = 1.600 \text{ m}$ $q_3 = 2.700 \text{ kPa}$
 $x_4 = 10.200 \text{ m}$ $y_4 = -5.000 \text{ m}$ $q_4 = 2.700 \text{ kPa}$
 Center $X=9.95 \text{ m}$ $Y=-1.7 \text{ m}$
 $Z = 0.0000 \text{ m}$

Temelj 3 [2]

$x_1 = 10.200 \text{ m}$ $y_1 = 0.800 \text{ m}$ $q_1 = 2.700 \text{ kPa}$
 $x_2 = 10.200 \text{ m}$ $y_2 = 1.800 \text{ m}$ $q_2 = 2.700 \text{ kPa}$
 $x_3 = 16.300 \text{ m}$ $y_3 = 1.800 \text{ m}$ $q_3 = 2.700 \text{ kPa}$
 $x_4 = 16.300 \text{ m}$ $y_4 = 0.800 \text{ m}$ $q_4 = 2.700 \text{ kPa}$
 Center $X=13.25 \text{ m}$ $Y=1.3 \text{ m}$
 $Z = 0.0000 \text{ m}$

Temelj 4 [2]

$x_1 = 16.300 \text{ m}$ $y_1 = -5.000 \text{ m}$ $q_1 = 0.950 \text{ kPa}$
 $x_2 = 16.300 \text{ m}$ $y_2 = 1.400 \text{ m}$ $q_2 = 0.950 \text{ kPa}$
 $x_3 = 25.400 \text{ m}$ $y_3 = 1.400 \text{ m}$ $q_3 = 0.950 \text{ kPa}$
 $x_4 = 25.400 \text{ m}$ $y_4 = -5.000 \text{ m}$ $q_4 = 0.950 \text{ kPa}$
 Center $X=20.85 \text{ m}$ $Y=-1.8 \text{ m}$
 $Z = 0.0000 \text{ m}$

Temelj 5 [2]

$x_1 = 8.700 \text{ m}$ $y_1 = 2.300 \text{ m}$ $q_1 = 2.700 \text{ kPa}$
 $x_2 = 8.700 \text{ m}$ $y_2 = 4.200 \text{ m}$ $q_2 = 2.700 \text{ kPa}$
 $x_3 = 10.100 \text{ m}$ $y_3 = 4.200 \text{ m}$ $q_3 = 2.700 \text{ kPa}$
 $x_4 = 10.100 \text{ m}$ $y_4 = 2.300 \text{ m}$ $q_4 = 2.700 \text{ kPa}$
 Center $X=9.4 \text{ m}$ $Y=3.25 \text{ m}$
 $Z = 0.0000 \text{ m}$

Temelj 6 [2]

$x_1 = 12.800 \text{ m}$ $y_1 = 1.800 \text{ m}$ $q_1 = 2.700 \text{ kPa}$
 $x_2 = 12.800 \text{ m}$ $y_2 = 4.200 \text{ m}$ $q_2 = 2.700 \text{ kPa}$
 $x_3 = 14.000 \text{ m}$ $y_3 = 4.200 \text{ m}$ $q_3 = 2.700 \text{ kPa}$
 $x_4 = 14.000 \text{ m}$ $y_4 = 1.800 \text{ m}$ $q_4 = 2.700 \text{ kPa}$
 Center $X=13.4 \text{ m}$ $Y=3 \text{ m}$
 $Z = 0.0000 \text{ m}$

**Temelj 7 [2]**

$x_1 = 16.000 \text{ m}$ $y_1 = 1.800 \text{ m}$ $q_1 = 2.700 \text{ kPa}$
 $x_2 = 16.000 \text{ m}$ $y_2 = 4.200 \text{ m}$ $q_2 = 2.700 \text{ kPa}$
 $x_3 = 17.400 \text{ m}$ $y_3 = 4.200 \text{ m}$ $q_3 = 2.700 \text{ kPa}$
 $x_4 = 17.400 \text{ m}$ $y_4 = 1.800 \text{ m}$ $q_4 = 2.700 \text{ kPa}$
 Center $X=16.7 \text{ m}$ $Y=3 \text{ m}$
 $Z = 0.0000 \text{ m}$

Temelj 8 [2]

$x_1 = 8.700 \text{ m}$ $y_1 = 4.200 \text{ m}$ $q_1 = 2.700 \text{ kPa}$
 $x_2 = 8.700 \text{ m}$ $y_2 = 5.600 \text{ m}$ $q_2 = 2.700 \text{ kPa}$
 $x_3 = 17.400 \text{ m}$ $y_3 = 5.600 \text{ m}$ $q_3 = 2.700 \text{ kPa}$
 $x_4 = 17.400 \text{ m}$ $y_4 = 4.200 \text{ m}$ $q_4 = 2.700 \text{ kPa}$
 Center $X=13.05 \text{ m}$ $Y=4.9 \text{ m}$
 $Z = 0.0000 \text{ m}$

Temelj 9 [2]

$x_1 = 2.000 \text{ m}$ $y_1 = 2.300 \text{ m}$ $q_1 = 2.900 \text{ kPa}$
 $x_2 = 2.000 \text{ m}$ $y_2 = 5.400 \text{ m}$ $q_2 = 2.900 \text{ kPa}$
 $x_3 = 2.800 \text{ m}$ $y_3 = 5.400 \text{ m}$ $q_3 = 2.900 \text{ kPa}$
 $x_4 = 2.800 \text{ m}$ $y_4 = 2.300 \text{ m}$ $q_4 = 2.900 \text{ kPa}$
 Center $X=2.4 \text{ m}$ $Y=3.85 \text{ m}$
 $Z = 0.0000 \text{ m}$

Temelj 10 [2]

$x_1 = 2.700 \text{ m}$ $y_1 = 5.400 \text{ m}$ $q_1 = 2.900 \text{ kPa}$
 $x_2 = 2.700 \text{ m}$ $y_2 = 8.400 \text{ m}$ $q_2 = 2.900 \text{ kPa}$
 $x_3 = 3.500 \text{ m}$ $y_3 = 8.400 \text{ m}$ $q_3 = 2.900 \text{ kPa}$
 $x_4 = 3.500 \text{ m}$ $y_4 = 5.400 \text{ m}$ $q_4 = 2.900 \text{ kPa}$
 Center $X=3.1 \text{ m}$ $Y=6.9 \text{ m}$
 $Z = 0.0000 \text{ m}$

Temelj 11 [2]

$x_1 = 23.000 \text{ m}$ $y_1 = 1.400 \text{ m}$ $q_1 = 2.900 \text{ kPa}$
 $x_2 = 23.000 \text{ m}$ $y_2 = 5.400 \text{ m}$ $q_2 = 2.900 \text{ kPa}$
 $x_3 = 23.800 \text{ m}$ $y_3 = 5.400 \text{ m}$ $q_3 = 2.900 \text{ kPa}$
 $x_4 = 23.800 \text{ m}$ $y_4 = 1.400 \text{ m}$ $q_4 = 2.900 \text{ kPa}$
 Center $X=23.4 \text{ m}$ $Y=3.4 \text{ m}$
 $Z = 0.0000 \text{ m}$

Temelj 12 [2]

$x_1 = 22.300 \text{ m}$ $y_1 = 5.400 \text{ m}$ $q_1 = 2.900 \text{ kPa}$
 $x_2 = 22.300 \text{ m}$ $y_2 = 8.400 \text{ m}$ $q_2 = 2.900 \text{ kPa}$
 $x_3 = 23.100 \text{ m}$ $y_3 = 8.400 \text{ m}$ $q_3 = 2.900 \text{ kPa}$
 $x_4 = 23.100 \text{ m}$ $y_4 = 5.400 \text{ m}$ $q_4 = 2.900 \text{ kPa}$
 Center $X=22.7 \text{ m}$ $Y=6.9 \text{ m}$
 $Z = 0.0000 \text{ m}$

Podatki o računskih toëkahslojih in modulih in Poissonovemkoeficientu - moduli so ocenjeni

**Točka 1**

Pod koordinatama (2.000 m, 1.200 m) so 3 sloji

Sloj	z _{goraj} m	z _{spodaj} m	E kPa	ν	γ kN/m ³	c kN/m ²	φ °	k _h m/sec	k _v m/sec	ε m
1	0.00	2.80	800.00	0.00	-	-	-	-	-	0.0009
2	2.80	5.70	10000.00	0.00	-	-	-	-	-	0.0001
3	5.70	9.00	1000.00	0.00	-	-	-	-	-	0.0006

posedek točke (Boussinesq) .0016 m

globina m	σ _{v0} kPa	Δ σ _v kPa	σ _v totalna kPa
0.00	0.000000	-0.000000	-0.000000
0.28	0.000000	0.055428	0.055428
0.56	0.000000	0.183441	0.183441
0.84	0.000000	0.272088	0.272088
1.12	0.000000	0.317533	0.317533
1.40	0.000000	0.335741	0.335741
1.68	0.000000	0.338419	0.338419
1.96	0.000000	0.332716	0.332716
2.24	0.000000	0.322802	0.322802
2.52	0.000000	0.311064	0.311064
2.80	0.000000	0.298835	0.298835
2.80	0.000000	0.298835	0.298835
3.09	0.000000	0.286428	0.286428
3.38	0.000000	0.274689	0.274689
3.67	0.000000	0.263803	0.263803
3.96	0.000000	0.253825	0.253825
4.25	0.000000	0.244738	0.244738
4.54	0.000000	0.236488	0.236488
4.83	0.000000	0.229005	0.229005
5.12	0.000000	0.222210	0.222210
5.41	0.000000	0.216027	0.216027
5.70	0.000000	0.210381	0.210381
5.70	0.000000	0.210381	0.210381
6.03	0.000000	0.204526	0.204526
6.36	0.000000	0.199192	0.199192
6.69	0.000000	0.194302	0.194302
7.02	0.000000	0.189788	0.189788
7.35	0.000000	0.185595	0.185595
7.68	0.000000	0.181673	0.181673
8.01	0.000000	0.177983	0.177983
8.34	0.000000	0.174491	0.174491
8.67	0.000000	0.171169	0.171169
9.00	0.000000	0.167993	0.167993

Točka 2

Pod koordinatama (10.200 m, 1.200 m) so 3 sloji

Sloj	z _{goraj} m	z _{spodaj} m	E kPa	ν	γ kN/m ³	c kN/m ²	φ °	k _h m/sec	k _v m/sec	ε m
1	0.00	2.70	800.00	0.00	-	-	-	-	-	0.0053
2	2.70	5.30	10000.00	0.00	-	-	-	-	-	0.0002
3	5.30	9.00	1000.00	0.00	-	-	-	-	-	0.0019

**posedek točke (Boussinesq) .0074 m**

globina m	σ_{v0} kPa	$\Delta \sigma_v$ kPa	σ_v totalna kPa
0.00	0.000000	2.700000	2.700000
0.27	0.000000	2.564831	2.564831
0.54	0.000000	2.171851	2.171851
0.81	0.000000	1.813577	1.813577
1.08	0.000000	1.555835	1.555835
1.35	0.000000	1.373646	1.373646
1.62	0.000000	1.240818	1.240818
1.89	0.000000	1.140169	1.140169
2.16	0.000000	1.061037	1.061037
2.43	0.000000	0.996689	0.996689
2.70	0.000000	0.942749	0.942749
2.70	0.000000	0.942749	0.942749
2.96	0.000000	0.897918	0.897918
3.22	0.000000	0.858262	0.858262
3.48	0.000000	0.822555	0.822555
3.74	0.000000	0.789937	0.789937
4.00	0.000000	0.759803	0.759803
4.26	0.000000	0.731722	0.731722
4.52	0.000000	0.705383	0.705383
4.78	0.000000	0.680558	0.680558
5.04	0.000000	0.657074	0.657074
5.30	0.000000	0.634800	0.634800
5.30	0.000000	0.634800	0.634800
5.67	0.000000	0.604984	0.604984
6.04	0.000000	0.577165	0.577165
6.41	0.000000	0.551152	0.551152
6.78	0.000000	0.526785	0.526785
7.15	0.000000	0.503926	0.503926
7.52	0.000000	0.482454	0.482454
7.89	0.000000	0.462261	0.462261
8.26	0.000000	0.443248	0.443248
8.63	0.000000	0.425328	0.425328
9.00	0.000000	0.408419	0.408419