

Portal Frame Structural Analysis Report

Node Displacements

Node	u (m)	v (m)	theta (rad)
1.000000	0.000000	0.000000	-0.001989
2.000000	0.011932	-0.000010	-0.001989
3.000000	0.015906	-0.003991	-0.000000
4.000000	0.019880	-0.000010	0.001989
5.000000	0.031813	0.000000	0.001989

Member Forces

Element	F1	F2	M1	F3	F4	M2
1	25.000	-0.000	-0.000	-25.000	0.000	-0.000
2	17.678	17.678	0.000	-17.678	-17.678	75.000
3	17.678	-17.678	-75.000	-17.678	17.678	-0.000
4	25.000	0.000	0.000	-25.000	-0.000	0.000