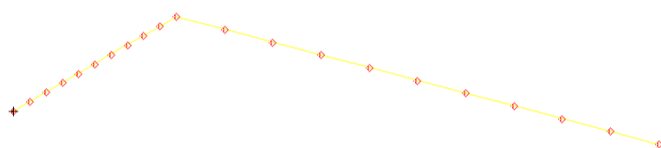
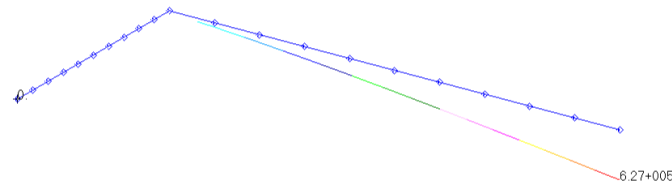


Isotropic beam elements

- Global Edge Length = 100 mm
- $E = 210000 \text{ N/mm}^2$
- $\nu = 0.3$
- **Bar 1:**
 - $A = 10 \text{ mm}^2$
 - $J = 80$
 - $I_{1,1} = 40$
 - $I_{2,2} = 8$
- **Bar 2:**
 - $A = 16 \text{ mm}^2$
 - $J = 36$
 - $I_{1,1} = 21.33$
 - $I_{2,2} = 21.33$



Mesh



Displacement Result

