

Tutorial Sheet #6

Assigned on Thursday, September 10

1. Find out the end forces and end deformations of all the members for the 2-D truss system shown in **Figure 1** using the *direct stiffness method*. For all members, consider, $E = 200 \text{ GPa}$, $A = 500 \text{ mm}^2$, $I = 26041.67 \text{ mm}^4$.

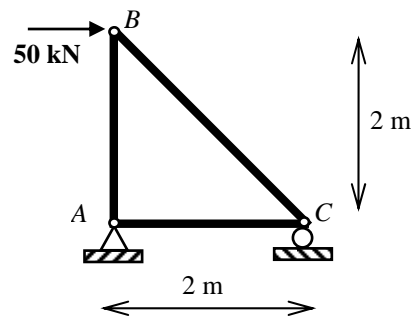


Figure 1