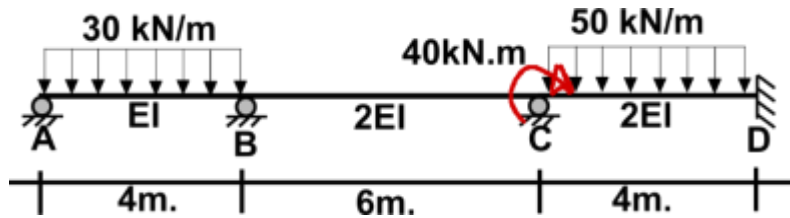


Assignment: Moment distribution method

Q1)

Analyze the beam using the moment distribution method, draw shear bending moment diagrams indicating key values, and sketch the deformed shape



Q2)

Analyze the frame system using moment distribution method, knowing that support A settles 6mm and support D settles 4mm. EI of the frame is 100000kN.m²

Draw shear and bending moment diagrams indicating key values

Sketch the deformed shape

