

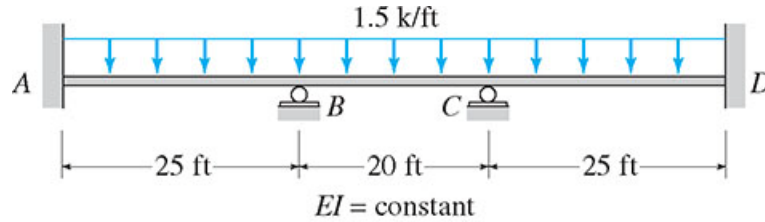
Assignment # 9

Due date: Week of 11-28-2016

Question 1 (10 Marks)

Use the Moment Distribution Method to determine the reactions and draw the shear and bending moment diagrams for the beam shown in Figure (1). Take advantage of the symmetry.

Figure (1)



Question 2 (30 Marks)

Determine the reactions and draw the shear and bending moment diagrams for the three structures shown in Figures (2), (3) and (4). Use the Moment Distribution Method.

Figure (2)

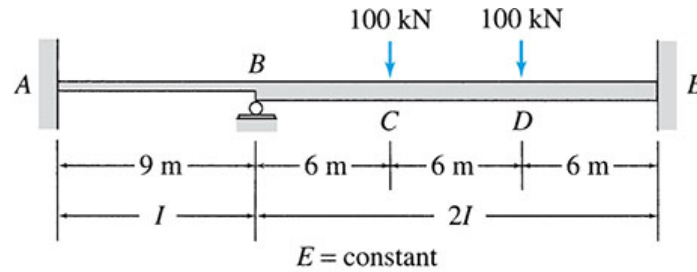


Figure (3)

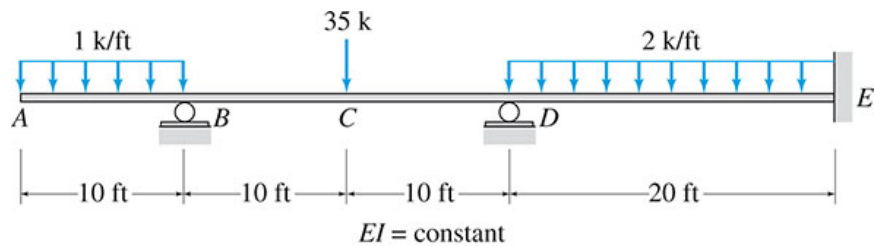


Figure (4)

