

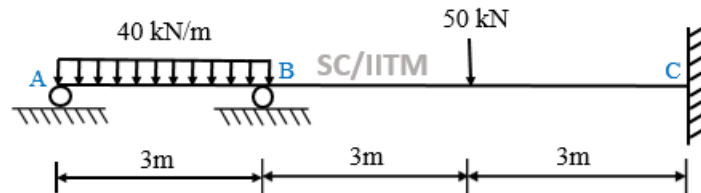
NPTEL course offered by IIT Madras
Computer methods of analysis of offshore structures

Tutorial 2: Planar orthogonal structures

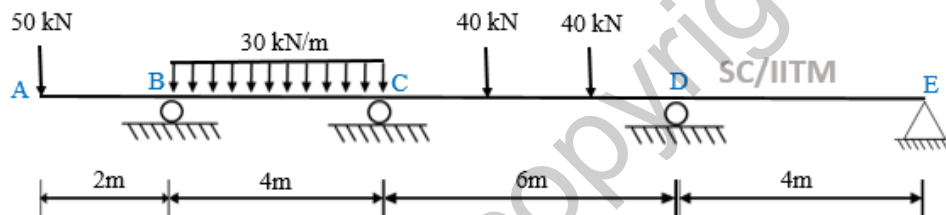
Answer all questions

Total marks: 25

1. Using stiffness method of analysis, find the moments and reactions of the continuous beam shown in figure below:



2. Using stiffness method of analysis, find the moments and reactions of the continuous beam shown in figure below:



3. Using stiffness method of analysis, find the moments and reactions of the frame shown in figure below:

