

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

Tutorial 5: 3D analyses

Answer all questions

Total marks: 25

1. Using stiffness method, find the moments and reactions of the 3d structure shown in the Fig. below:

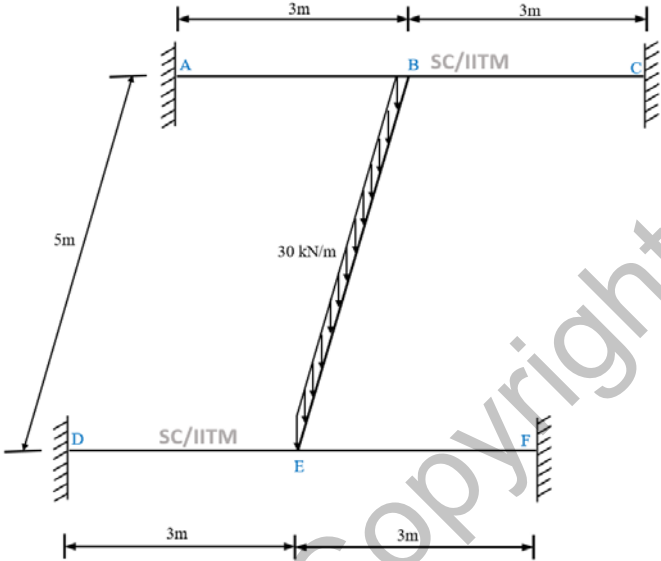


Fig 1: 3D structure