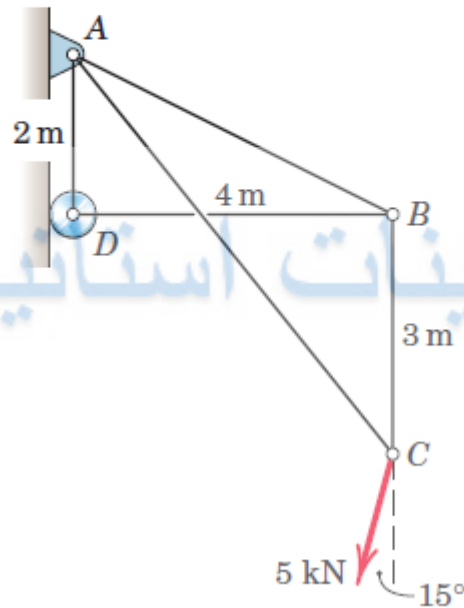
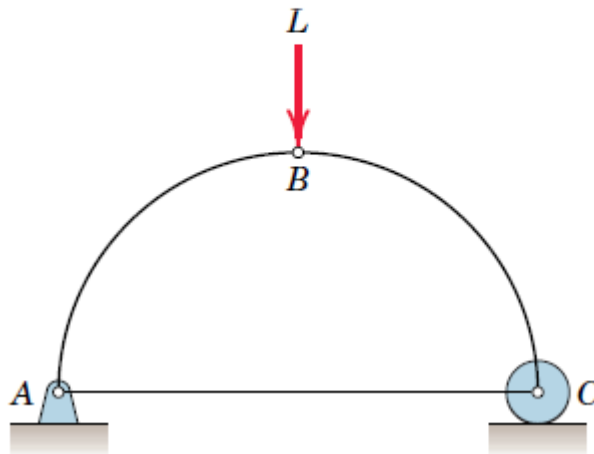


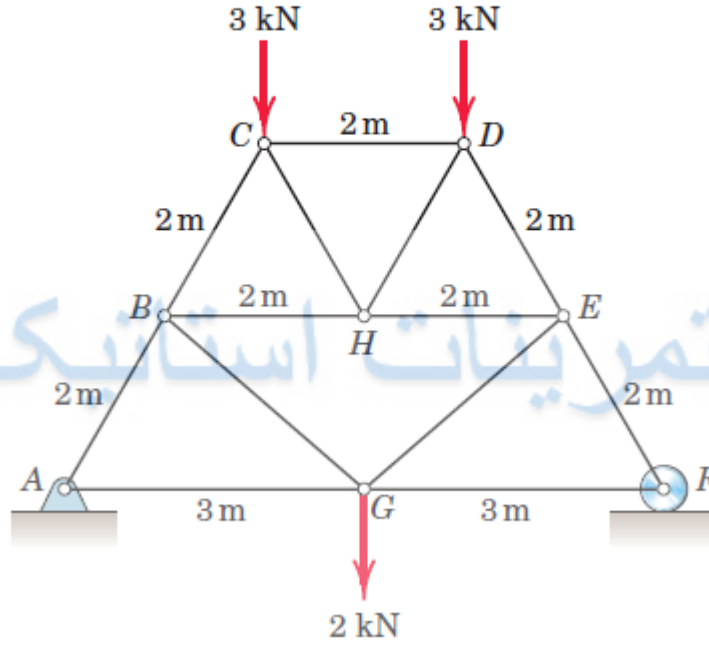
- 1 Determine the force in each member of the loaded truss.



- 2 Determine the force in member AC of the loaded truss. The two quarter-circular members act as two-force members.



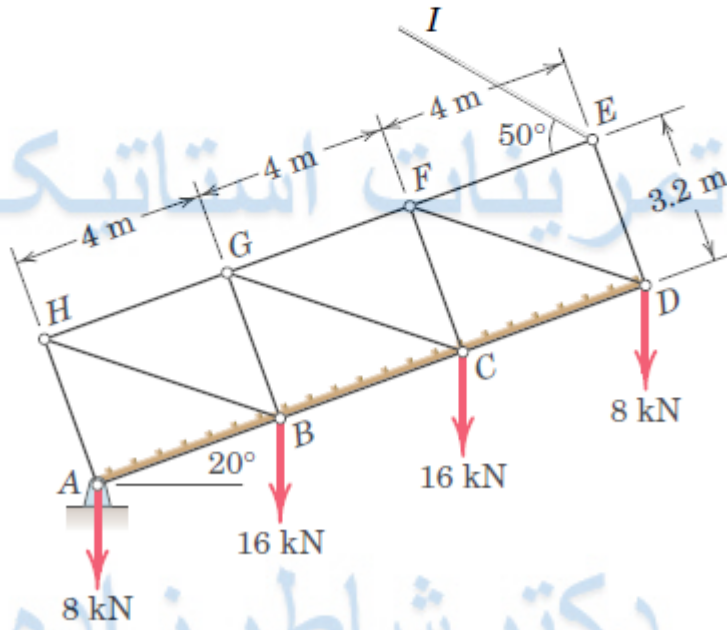
Determine the forces in members BC and BG of the loaded truss.



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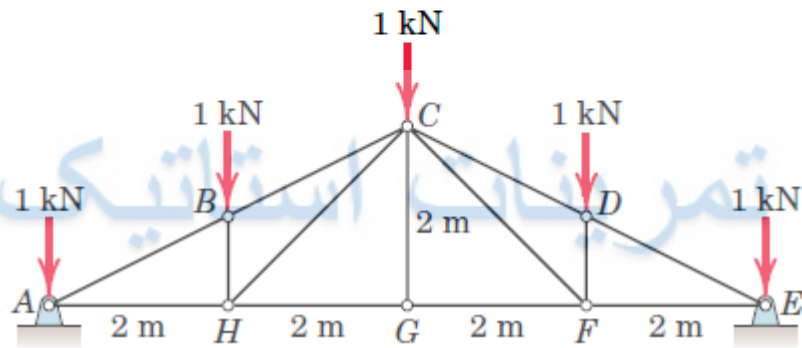
4

A drawbridge is being raised by a cable EI . The four joint loadings shown result from the weight of the roadway. Determine the forces in members EF , DE , DF , CD , and FG .



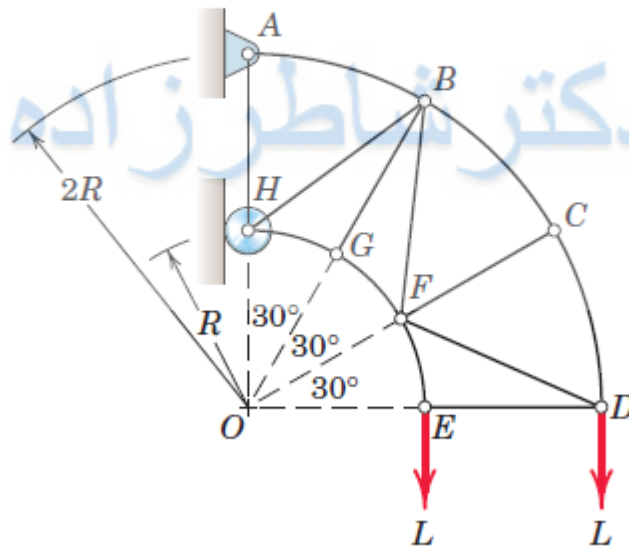
5

A snow load transfers the forces shown to the upper joints of a Pratt roof truss. Neglect any horizontal reactions at the supports and solve for the forces in all members.

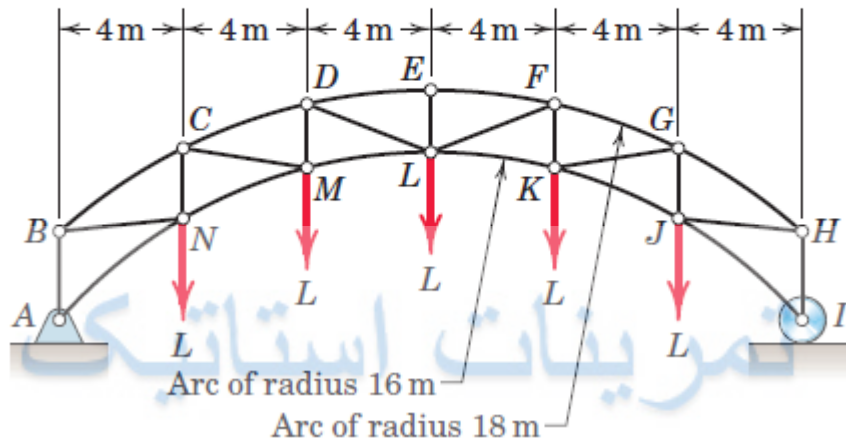


6

Determine the force in member BF of the loaded truss.



Determine the force in member CM of the loaded truss.



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