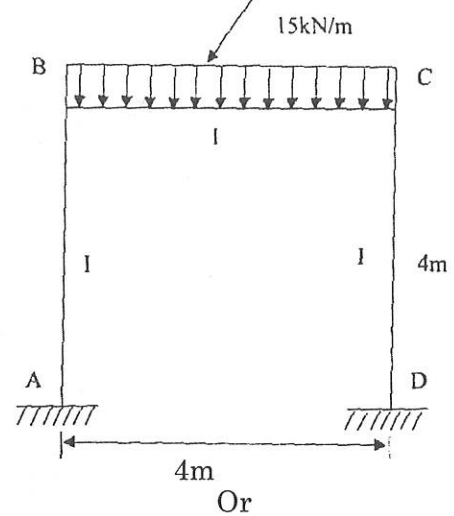


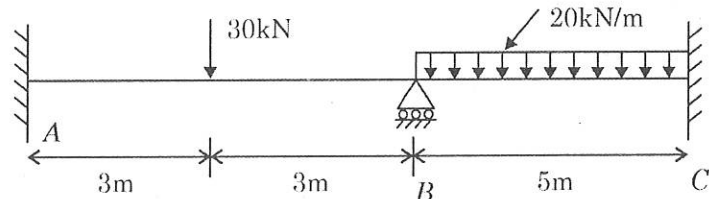


12. (a) Analysis the frame shown in figure given by slope deflection method and draw bending moment diagram.

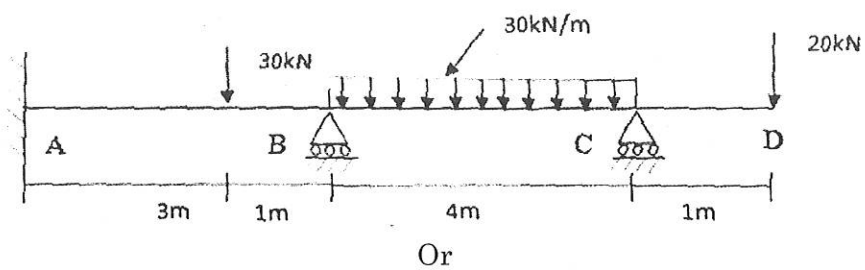


Or

- (b) Analyse the continuous beam ABC shown in figure given below by slope deflection method. Take EI constant.

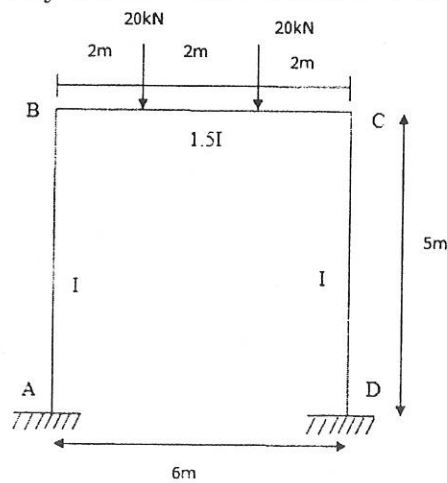


13. (a) Analyse the beam by moment distribution method.



Or

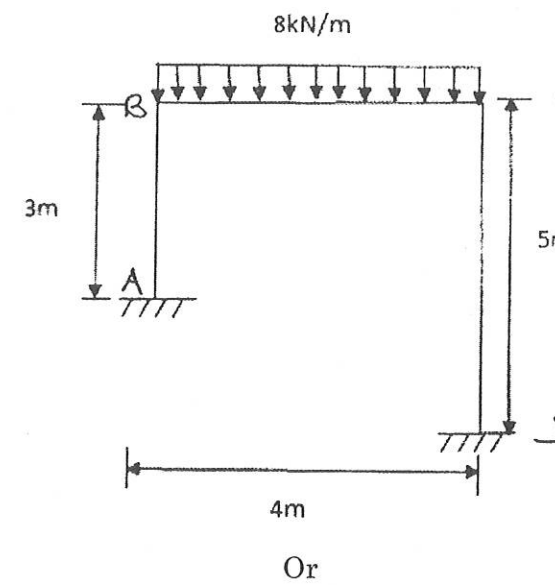
- (b) Analyse the frame by moment distribution method.



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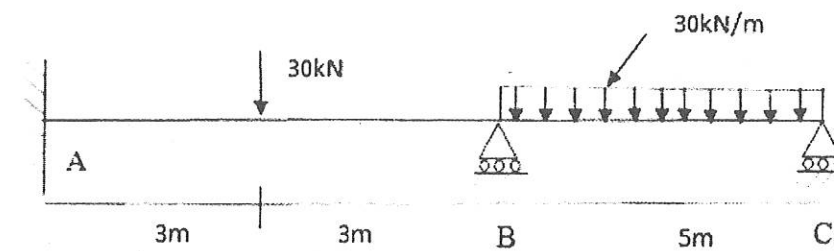
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14. (a) Determine the support reactions on the frame by flexibility method.

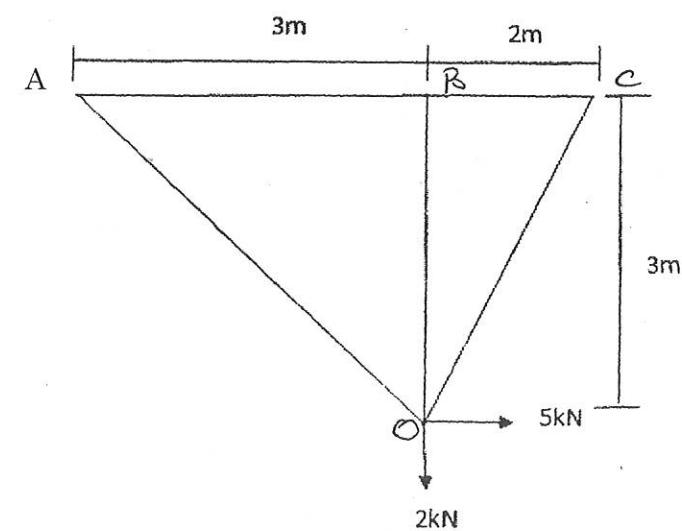


Or

- (b) Analyse the continuous beam shown in figure by flexibility method.



15. (a) Analyse the truss by stiffness method.



Or

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