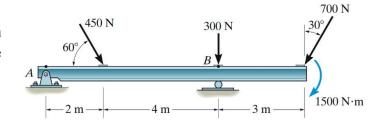
University of Mohamed Khider, Biskra. Department of Civil Engineering and Hydraulics. 2nd Year Under-graduation Engineering Mechanics- Statics

Reactions calculations

Problem 1:

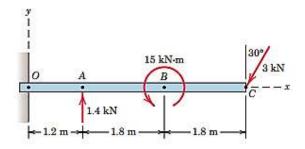
Compute the reaction for the loading system shown at (Fig.1), neglect the weight of the beam.



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Problem 2:

The 500-kg uniform beam is subjected to the three external loads shown. Compute the reactions at the support point *O*. (Fig.2).



Problem 3:

Calculate the support reactions at the fixed support A. (Fig.3).

