



 Internal Loads

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 Internal Loads

 Procedure for analysis - the following is a procedure for determining the internal forces in a member using the method of sections:

 1. Before the member is "cut" or sectioned, determine the support reactions for the structure.

 2. Keeping all external loadings in their exact locations, make an imaginary "cut" through the member at the point where the internal loading is desired.

 Draw the corresponding free–body diagram of one of the "cut" segments indicating the unknown reactions A, V, and M acting in their positive (+) directions

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