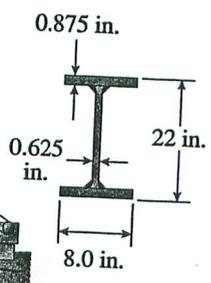
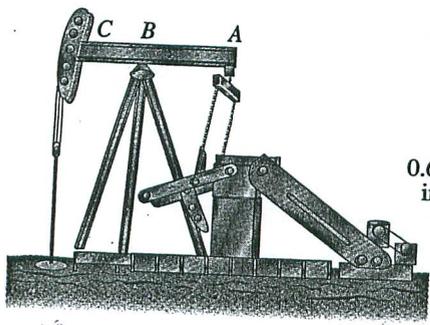


s occupied by
The center of

5.5-9 The horizontal beam ABC of an oil-well pump has the cross section shown in the figure. If the vertical pumping force acting at end C is 9 k and if the distance from the line of action of that force to point B is 16 ft , what is the maximum bending stress in the beam due to the pumping force?



5.5-12 A small dam of vertical wood beams A in the figure. Consider the top and bottom. Determine the maximum bending stress assuming that the weight

