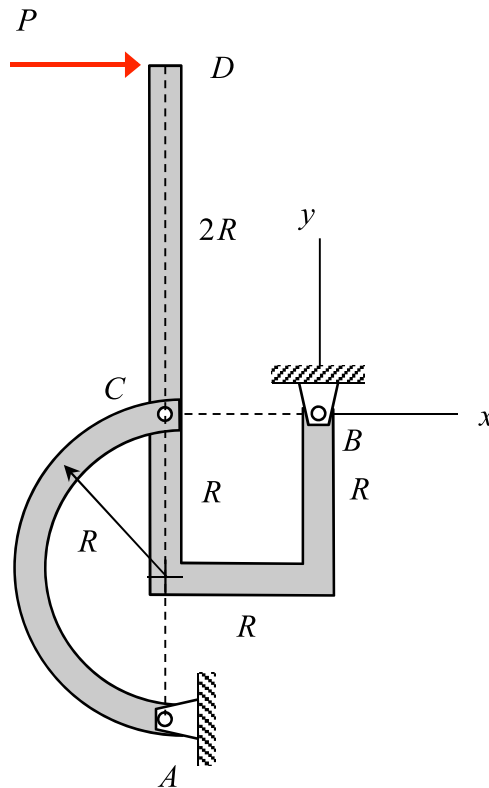


Homework H24.A

Given: A structure is made up of members BD and AC, as shown below. A force P is applied at end D of member BD.

Find: Determine the reactions acting on the structure at A and B.. Write your answers as vectors and in terms of the applied force P .



Homework H24.B

Given: A structure is made up of members AC and CE. CE is fixed to ground at end E, whereas AC is pinned to CE at C and has end A constrained to move along a *smooth* incline at its left end..

Find: Determine the reactions on member AC at A and the reactions on CE at E.

For this problem, use the following parameters: $d = 3$ ft, $F = 15$ kips and $P = 50$ kips.

