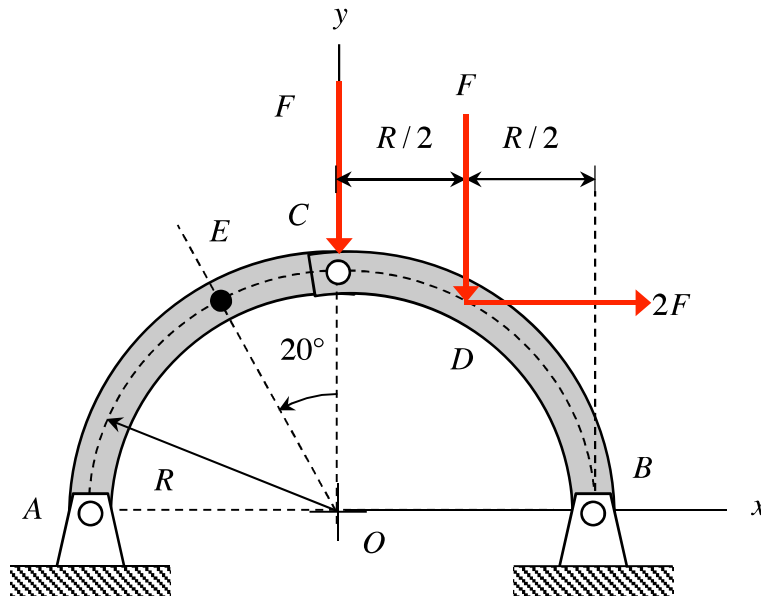


Homework H26.A

Given: The frame shown is made up of members AC and BC, with concentrated loads being applied at C and D on member BC.

Find: Consider a mathematical cut in member AC at point E on member AC. Determine the internal resultants on section AE of member AC. Write your answers as vectors.

For this problem, use the following parameters: $R = 3$ ft and $F = 500$ lb.



Homework H26.B

Given: A sign/pole structure is acted up by three forces F , P and W , in the $-y$, $-z$ and $-y$ directions, respectively.

Find: Determine internal resultants acting on section OB of the pole at location B. Write your answers as vectors.

For this problem, use the following parameters: $L = 12$ ft, $h = 5$ ft, $W = 800$ lb, $F = 1000$ lb and $P = 1400$ lb.

