

FUNDAMENTAL PROBLEMS

Partial solutions and answers to all Fundamental Problems are given in the back of the book.

F2-1. Determine the magnitude of the resultant force acting on the screw eye and its direction measured clockwise from the x axis.



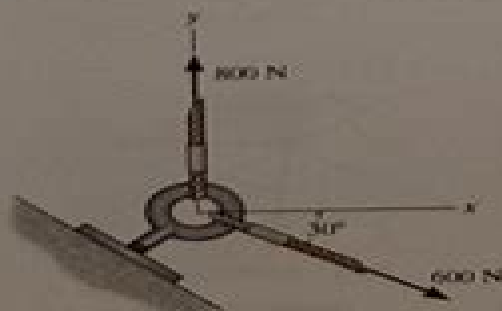
Prob. F2-1

F2-2. Determine the magnitude of the resultant force.



Prob. F2-2

F2-3. Determine the magnitude of the resultant force and its direction measured counterclockwise from the positive x axis.



Prob. F2-3

F2-4. Resolve the 30-lb force into components along the u and v axes, and determine the magnitude of each of these components.



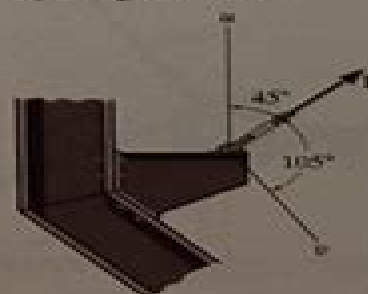
Prob. F2-4

F2-5. Resolve the force into components acting along members AB and AC , and determine the magnitude of each component.



Prob. F2-5

F2-6. If force F is to have a component along the u axis of $F_u = 6$ kN, determine the magnitude of F and the magnitude of its component F_v along the v axis.



Prob. F2-6

Mechanics Of Materials Fifth Answer

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Mechanics Of Materials Fifth Answer:

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