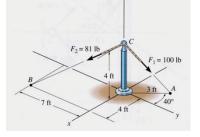


- **EXAMPLE Given:** 400 lb force along the cable DA.
  - **Find:** The force  $F_{DA}$  in the Cartesian vector form.

 $\triangleleft \triangleright$ 

## GROUP PROBLEM SOLVING Given: Two forces are acting on a



pipe as shown in the figure.

 $\triangleleft \triangleright$ 

Find: The magnitude and the coordinate direction angles of the resultant force.

Statics: The Next Generation (2nd Ed.) Mehta, Danielson, & Berg Lecture Notes for Sections 2.7,2.8 2