2–113. Determine the magnitudes of the components of $F = 600 \text{ N}$ acting along and perpendicular to segment $DE$ of the pipe assembly.
2-138. Determine the angle $\theta$ between the two cables.

2-139. Determine the projected component of the force $F = 12 \text{ lb}$ acting in the direction of cable $AC$. Express the result as a Cartesian vector.