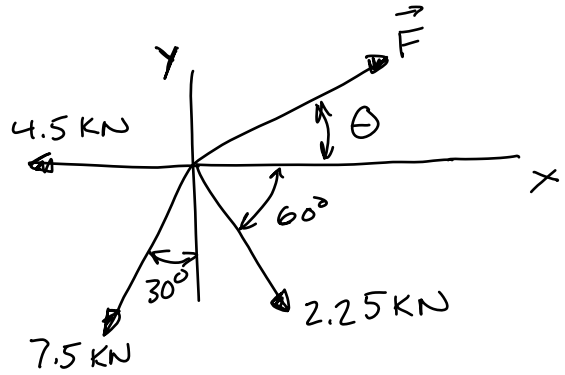


Equilibrium in 2-D

Problem Statement: Determine F and θ such that the force system is in static equilibrium.



- 1.) Draw the FBD.
- 2.) Resolve each force into x and y components.
- 3.) Enforce equilibrium and solve for the unknowns.