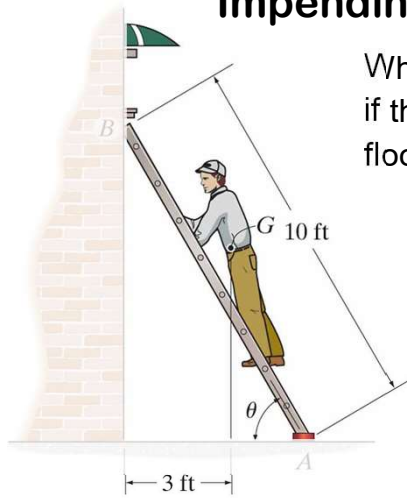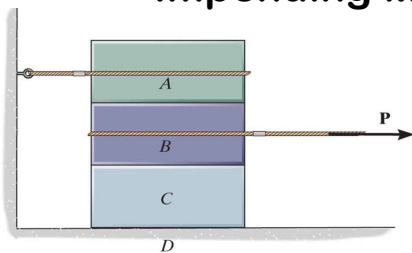# Impending Motion at All Points

What is the maximum angle for stability, if the coefficient of static friction with the floor is 0.3 and with the wall 0.2?

Impending Motion at Some Points

What force P is needed for motion, and will block C slide? Each block weighs 20N, and the coefficient of friction at each surface is 0.25.
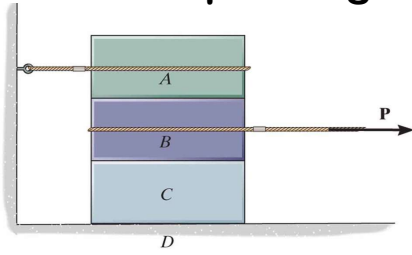
Impending Motion at Some Points

Wedges

- **Impending Motion at All Points**
- **Mechanical Advantage = W_A / P**
- **P < 0 indicates self-locking** (for B ←)