

# Overview

- Review

- $K_{\text{rotation}} = \frac{1}{2} I \omega^2$

- Torque = Force that causes rotation

- Equilibrium

- $\approx \Sigma F = 0$

- $\approx \Sigma \tau = 0$

- Today

- Angular Momentum  $L = I\omega$

- $\Delta L = 0$  if  $\Sigma \tau = 0$