

Overview

- Review

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

- Torque = Force that causes rotation

- $\tau = F r \sin \theta$

- Equilibrium

- $\Sigma F = 0$

- $\Sigma \tau = 0$

- Today

- $\Sigma \tau = I \alpha$ (rotational $F = ma$)

- Energy conservation revisited