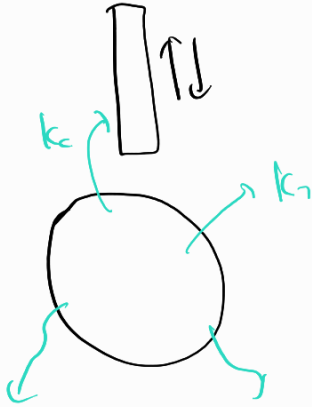


Q_i (inertia)

Q_c (coupling)



$$Q_i = \frac{\omega}{k_i}$$

$$Q_c = \frac{\omega}{k_c}$$

$$k_{\text{eff}} = k_i + k_c$$

$$\frac{1}{Q_{\text{eff}}} = \frac{1}{Q_i} + \frac{1}{Q_c}$$