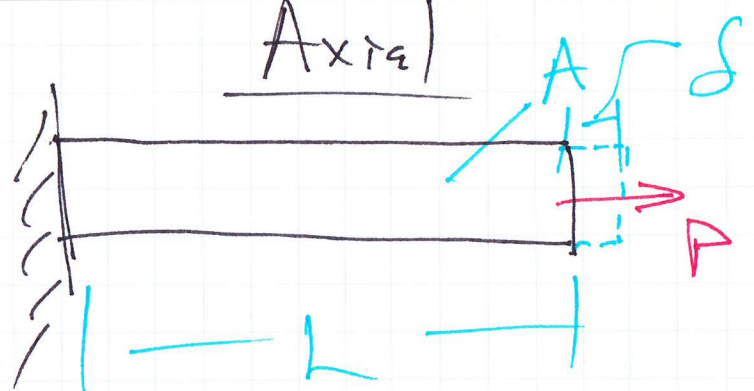


Axial

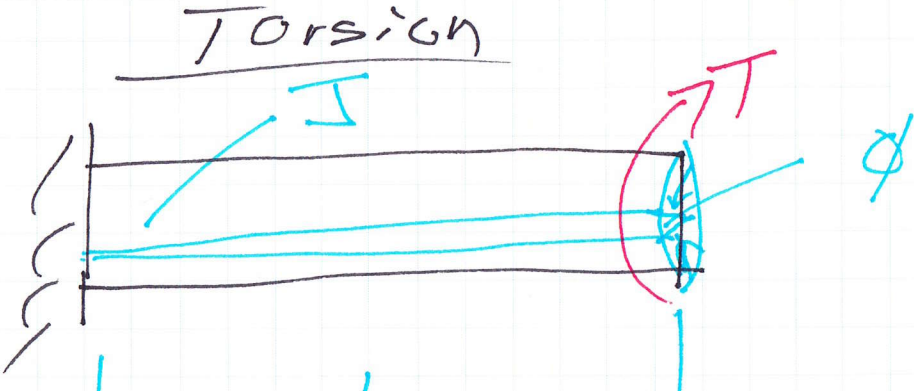


$$\sigma = \frac{P}{A} \text{ geometry}$$

$$\delta = \frac{PL}{AE}$$

$$\delta = \sum \frac{PL}{AE}$$

Torsion



$$\tau = \frac{Tc}{J} = \frac{T}{J/c} \text{ geometry}$$

$$\phi = \frac{TL}{JG}$$

$$\phi = \sum \frac{TL}{JG}$$

Torsional Section Modulus