

(20)

Derivade:

$$\bar{\rho} = \frac{\bar{M}}{V} = \frac{\frac{\bar{M}}{\pi D^2 \cdot H}}{4} = \frac{4 \cdot \bar{M}}{\pi D^2 \cdot H}$$

Interactie:

$$\sigma_p = \bar{\rho} \cdot \sqrt{\left(\frac{2 \cdot \bar{M}}{\pi D^2}\right)^2 + \left(\frac{2 \cdot \bar{M}}{\pi D}\right)^2 + \left(\frac{\bar{M}}{H}\right)^2}$$