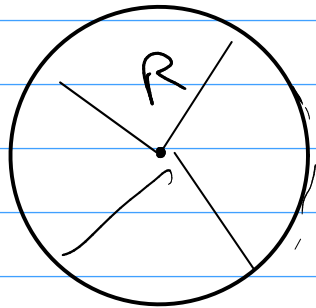
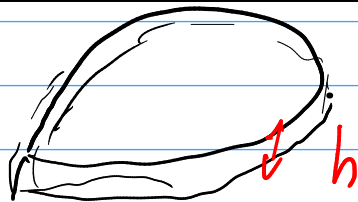
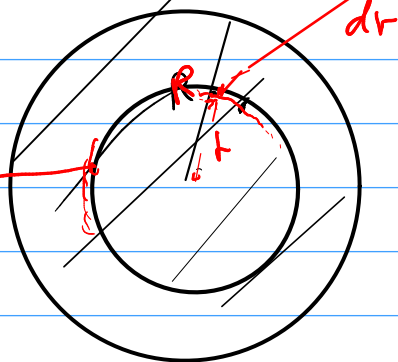


$$m_A \cdot l^2 \leftarrow I_B$$

$$I_C = m_A \cdot \left(\frac{l}{2}\right)^2 + m_B \left(\frac{l}{2}\right)^2$$



DISCO



$$dI = dm \cdot r^2 = \rho dV \cdot r^2$$

$$\leftarrow dr \cdot h \cdot 2\pi r$$

h

$$2\pi r \leftarrow \text{base}$$

$$dV = h \cdot (2\pi r) \cdot dr$$

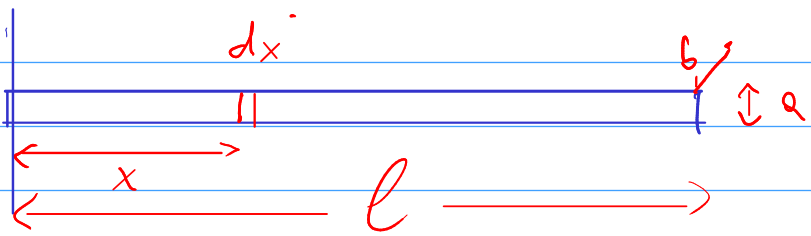
Area di base
base \times altezza

Area di base infinitesimale

$$dI = \rho \cdot h \cdot 2\pi r \cdot dr \cdot r^2$$

$$= 2\pi \rho h r^3 dr$$

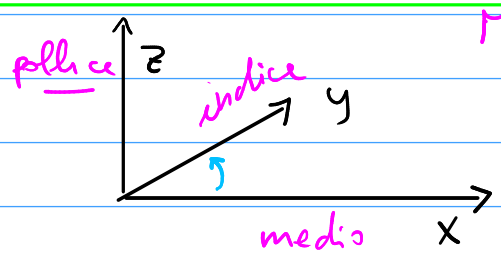
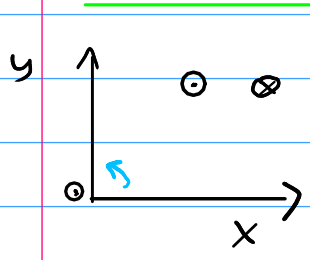
$$I = \int_0^R dI = \int_0^R 2\pi \rho h r^3 dr$$



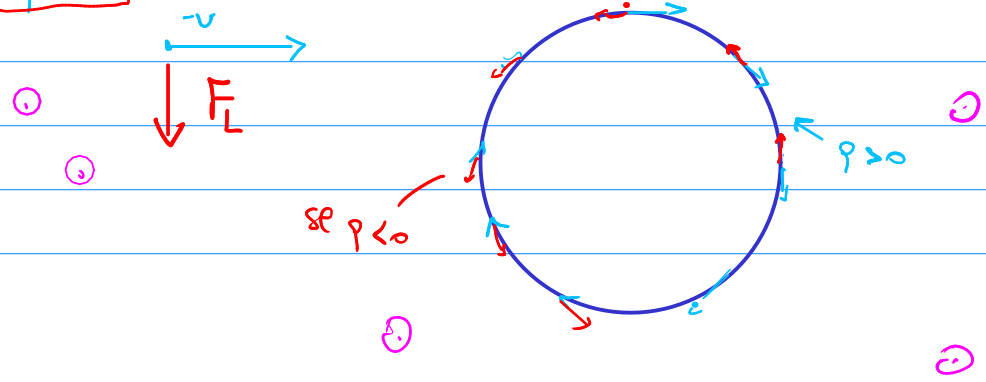
$$dI = dm \cdot x^2$$

$$dm = a \cdot b \cdot dx \cdot \rho$$

$\rightarrow I(m, l)$



$\rho > 0$



$$F_c = q \cdot v \cdot B$$

$$F_c$$



$$Q_c = \frac{F_c}{m} = \frac{q v B}{m}$$

$$\frac{v^2}{R} = \frac{q \cdot v \cdot B}{m}$$

