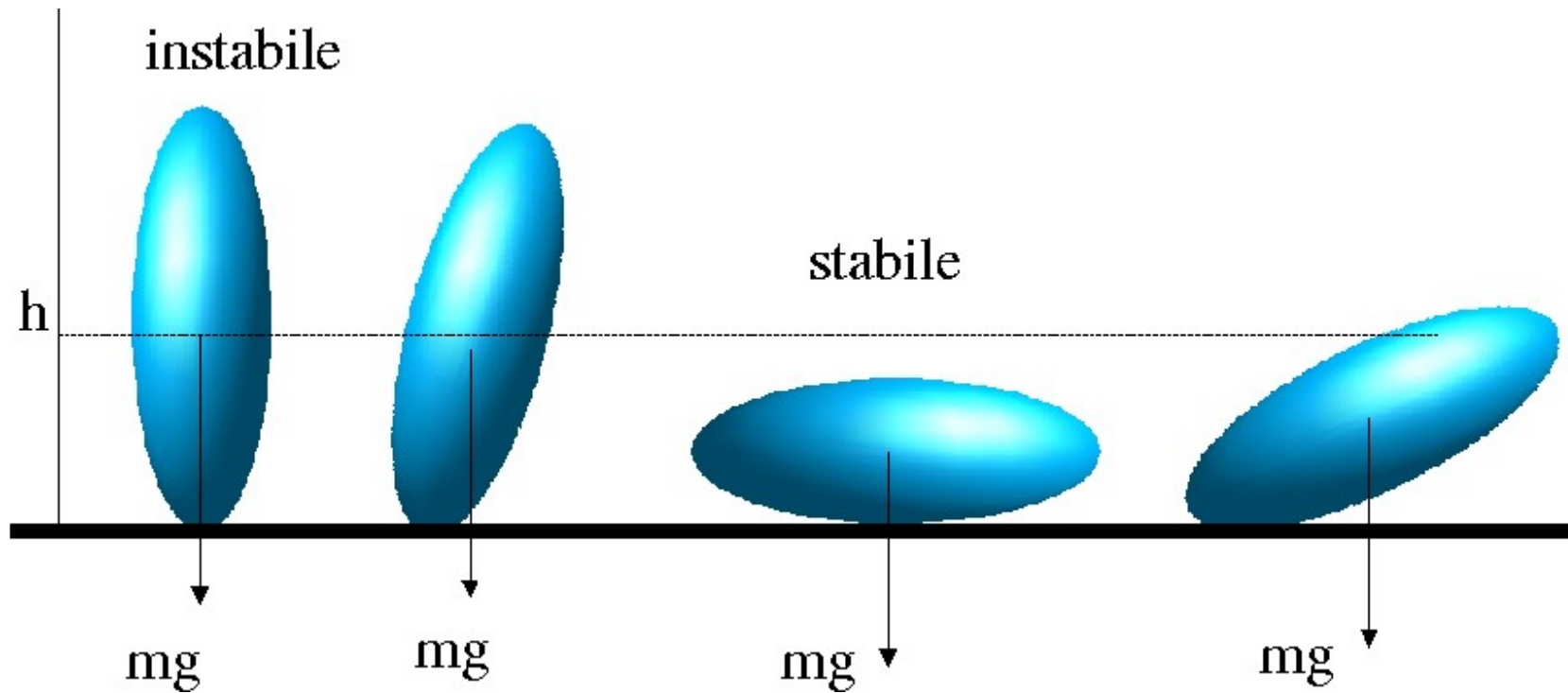
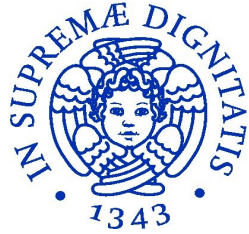


Corpi rigidi

Equilibrio





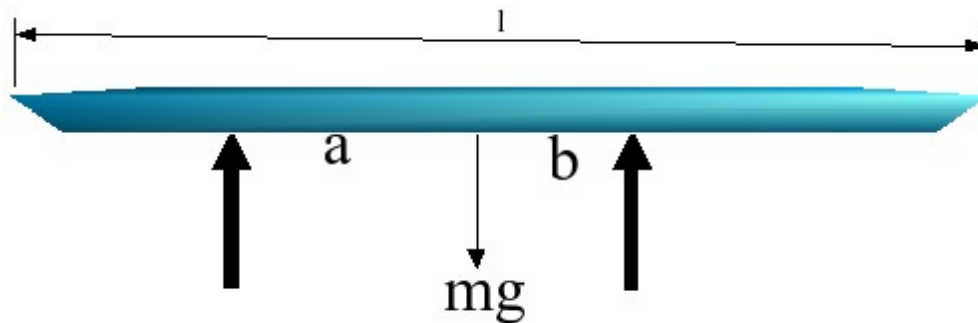
Corpi rigidi

la trave



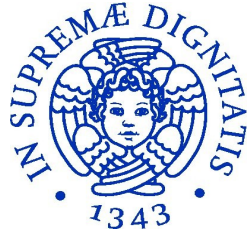
$$R_a + R_b - mg = 0 \quad L_c = -aR_a + bR_b = 0 \quad R_a = \frac{b}{a} R_b$$

$$R_b = a \frac{mg}{a+b} \quad R_a = b \frac{mg}{a+b}$$



$$R_b = R_b = \frac{mg}{2}$$

$$a = b$$



Corpi rigidi

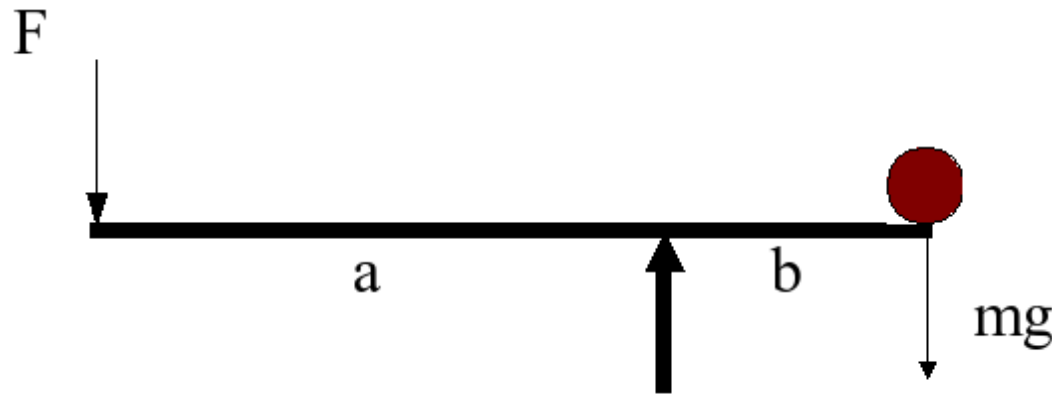
La leva

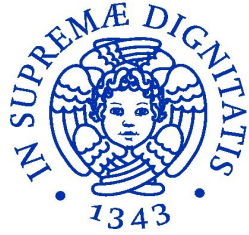


$$F_a + R_s - mg = 0$$

$$L_s = -aF_a - bmg = 0 \quad \text{segue} \quad F_a = -\frac{b}{a}mg$$

$$R = m\sigma + \frac{b}{a}m\sigma = \frac{l}{a}m\sigma \quad \text{ricorda} \quad a + b = l$$





Corpi rigidi

La torre



Stabile



Cade

