

L'ATTRITO



FORZA CHE SI

OPPONE AL MOTO

ATTRITO DI

CONTATTO



A. RADENTE

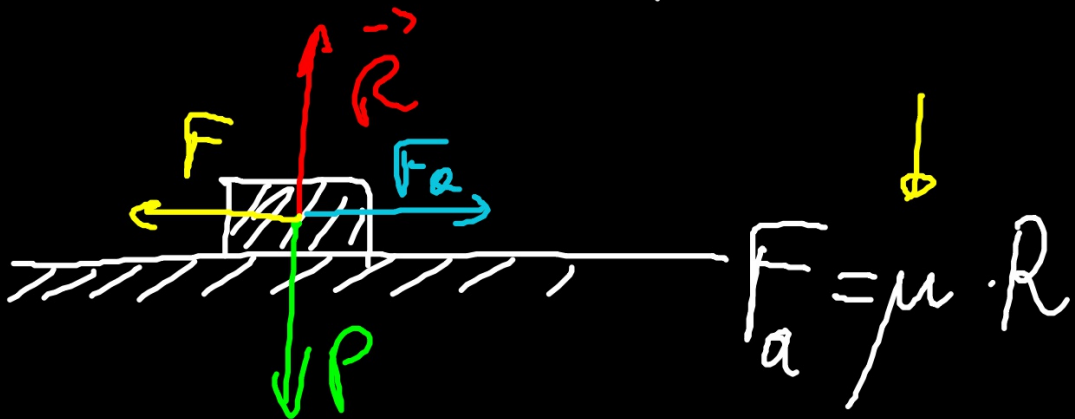
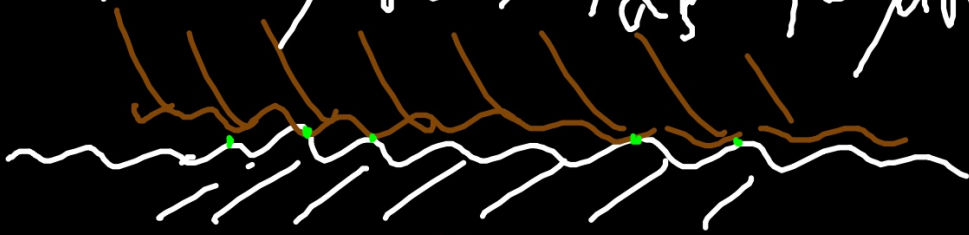
ATTRITO È NOTO IN
UN FLUIDO

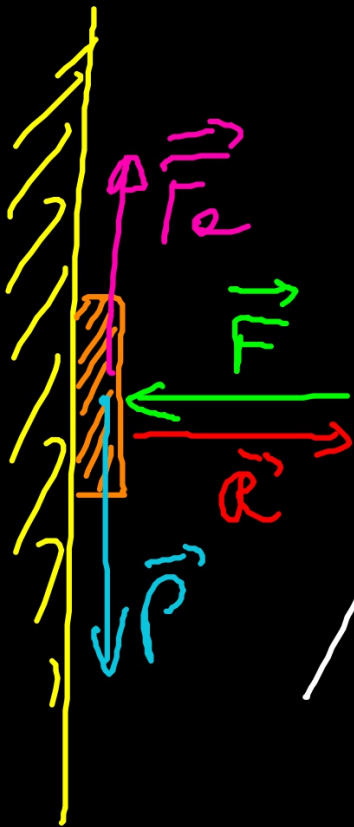


A. VISCOSO

$$F < \mu R \rightarrow \bar{F}_{R15} = 0$$

$$F > \mu R \rightarrow \bar{F}_{R15} = F - \mu R$$



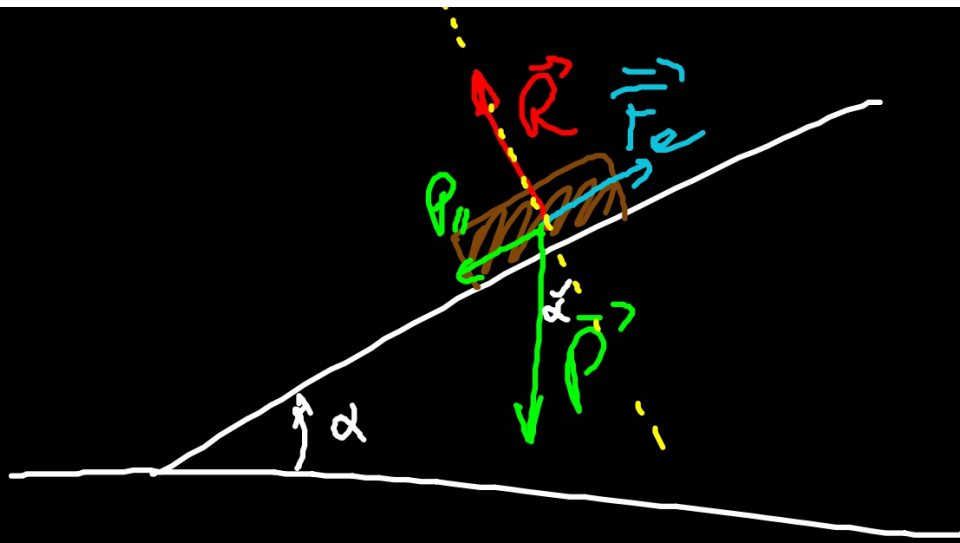


$$F_e = \mu R$$

$$R = F$$

$$\mu R = \underline{\mu F} > P$$

$$F > R > P$$



$$R = P_{\perp} = P \cdot \cos \alpha$$

$$P_{||} = P \cdot \sin \alpha = F_e = \mu R$$

$$\cancel{P} \sin \alpha_0 = \mu \cancel{P} \cos \alpha_0$$

$$\frac{\sin \alpha_0}{\cos \alpha_0} = \mu$$

$$\mu = \tan \alpha_0$$

$$\alpha_0 = 20^\circ$$

↓

$$\mu = 0,36$$

$$F_a = \mu R$$

ATT. RADENTE

