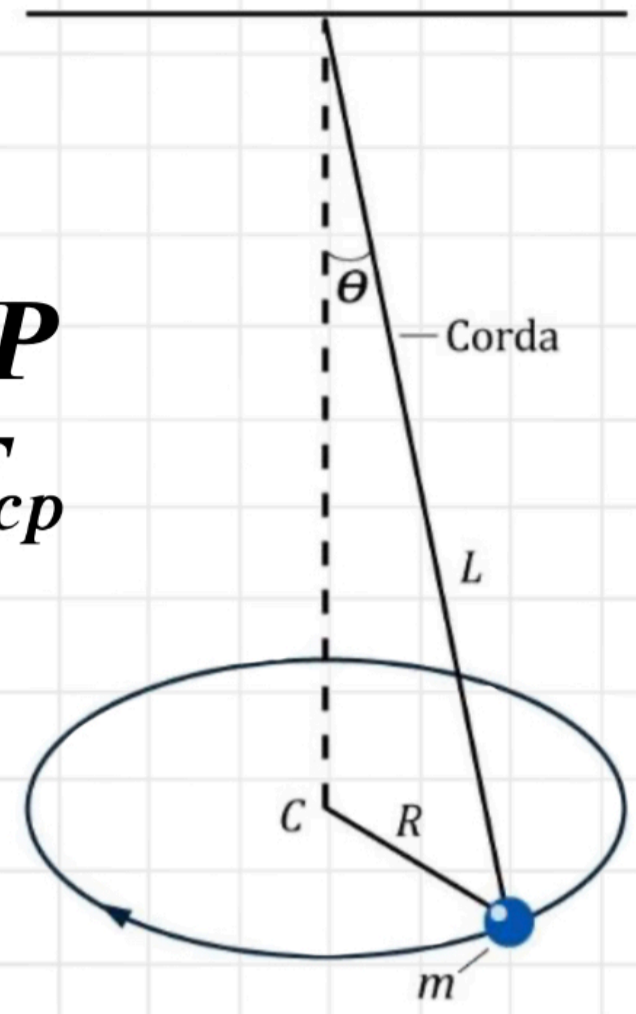
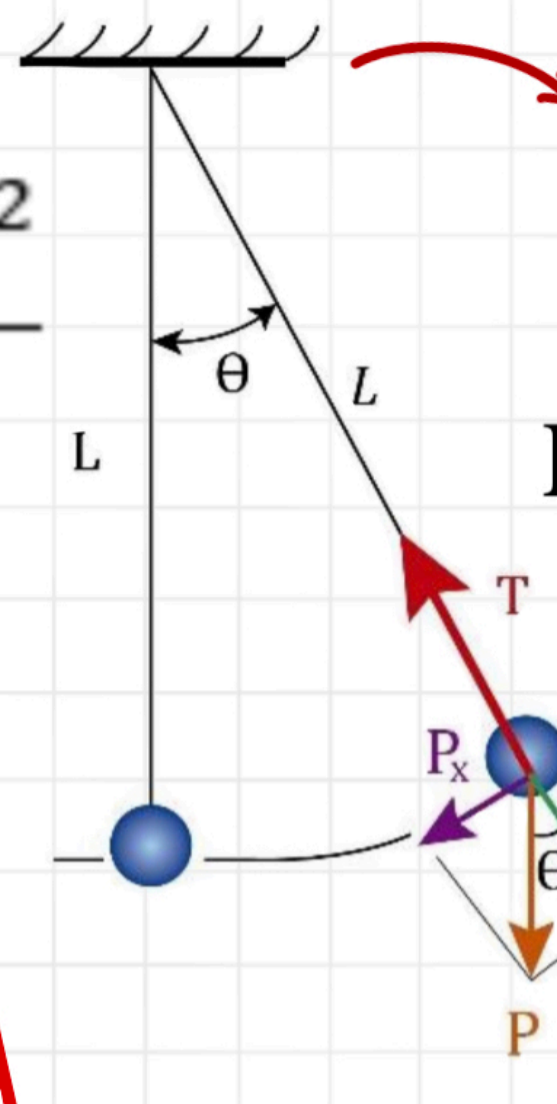


$$\begin{cases} T \cdot \cos\theta = P \\ T \cdot \sin\theta = F_{cp} \end{cases}$$



$$F_{cp} = T - P \cos\theta = \frac{mv^2}{R}$$



válido para as extremidades:

$$T = P \cdot \cos\theta$$

$$P \cdot \sin\theta = m \cdot \vec{a}_{tg}$$

@STUDIES.RE

O PÊNDULO
Cônico

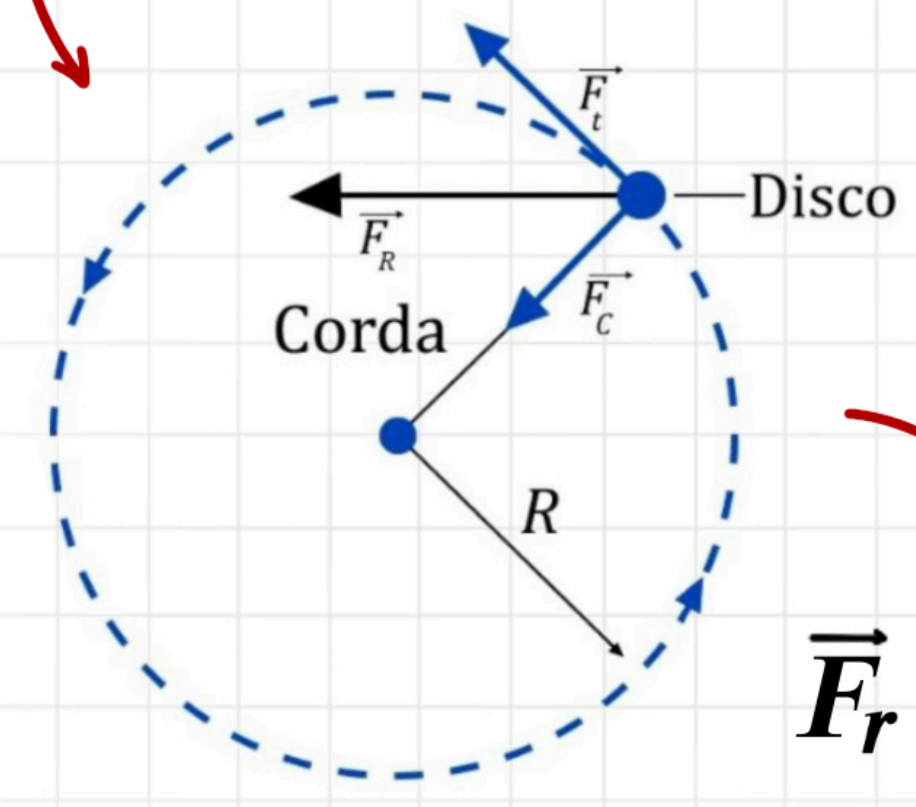
PRINCIPAIS APLICAÇÕES DA

Mecânica

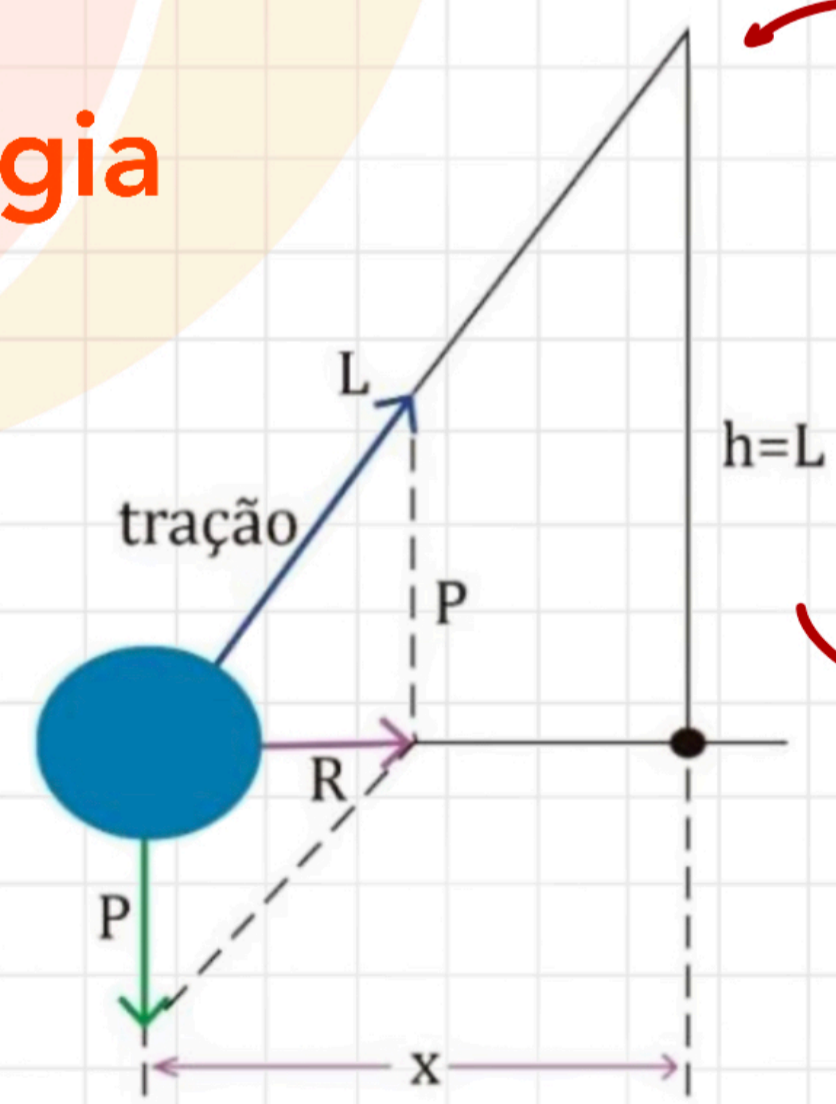
O PÊNDULO
simples

NEWTONIANA APLICADA NO MOVIMENTO CURVILÍNEO

A RESULTANTE
Centrípeta



$$\vec{F}_r = \vec{F}_{tg} + \vec{F}_{cp}$$



O PERÍODO DE OSCILAÇÃO DE UM PÊNDULO SIMPLES DE BAIXA AMPLITUDE

$$T = 2 \cdot \pi \sqrt{\frac{L}{g}}$$