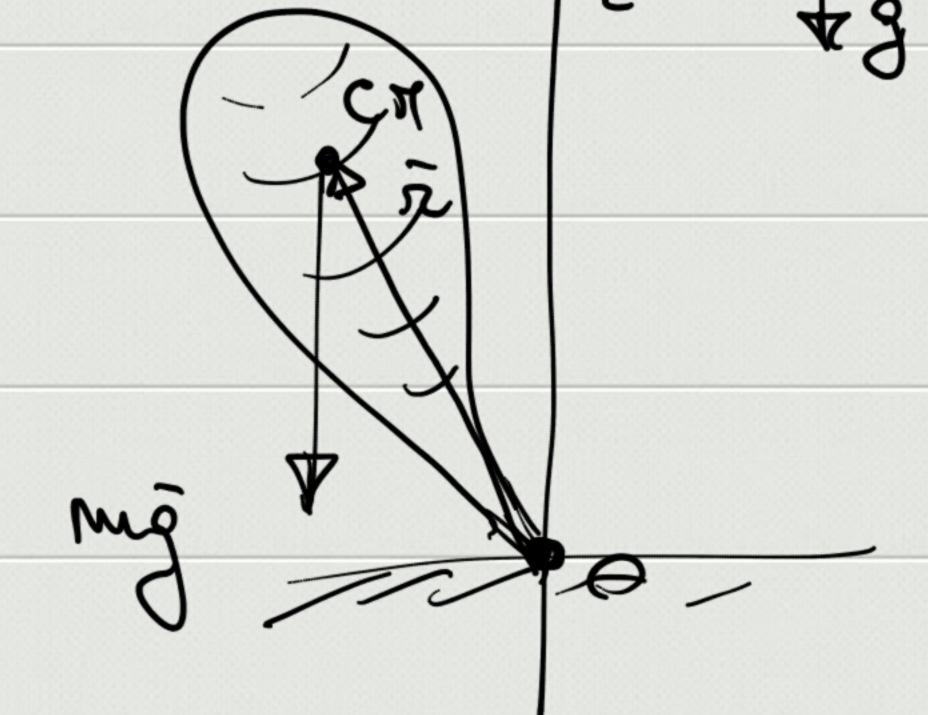


$$\overline{H}_{0}^{\varepsilon} = \frac{d\overline{L}_{0}}{dt} = 0 \Rightarrow \overline{L}_{0} = cost$$



$$|\overline{\omega}| = cst \Rightarrow |\overline{L}_0| = cst$$

$$\frac{d\overline{L}_0}{dt} = \overline{\Omega} \times \overline{L}.$$

$$\overline{H}^{\epsilon} = \frac{d\hat{L}_{0}}{dt}$$
 ⇒  $\overline{z} \times mg = \Omega \times \overline{L}_{0}$ 

$$\Rightarrow -mng = I\omega \Omega \Rightarrow \Omega = -\frac{mn}{I\omega}g$$

Mo, pero = rix mg

The dt = si = ig - ii

⇒ [p=[;+Mst=rxmgst " ~ mo,pm

That

That

The Lit MAt

