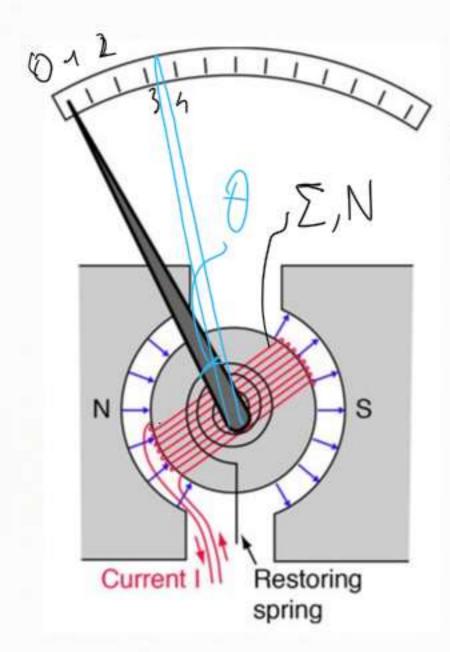


$$M = m \times B$$
,  $m = i \sum m$ ,  $U_e = -m \cdot B = -m \cdot B$  and  $M = p \times E$ ,  $U_e = -p \cdot E$ 

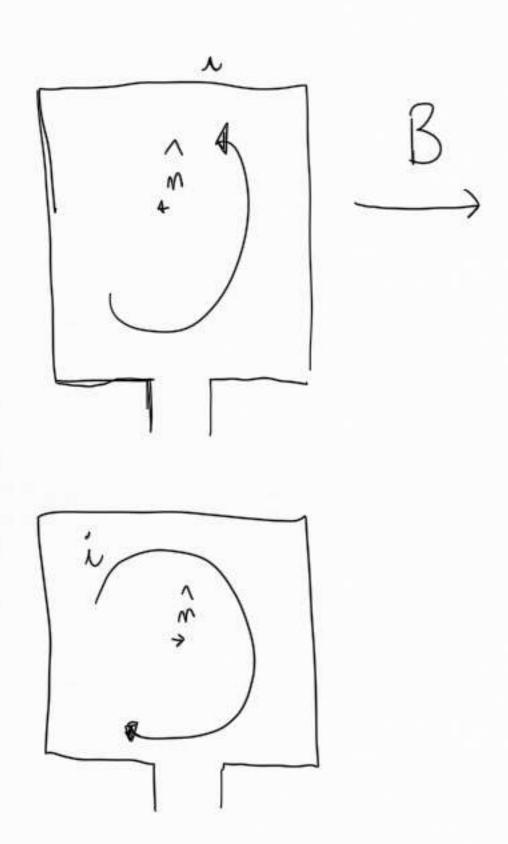
$$\vec{H} = \frac{d\vec{L}}{dt} \Rightarrow M = \vec{L} \alpha = \vec{L} \frac{d^2\theta}{dt^2}$$

I = MOMENTO D'INERZIA

$$[m] = Am^2 = \frac{J}{T}$$



$$F = K\Delta X$$
 $M = K\theta$ 
 $M = i\Sigma B \Rightarrow M = NMs = i\Sigma BN \Rightarrow K\theta = i\Sigma BN \Rightarrow$ 



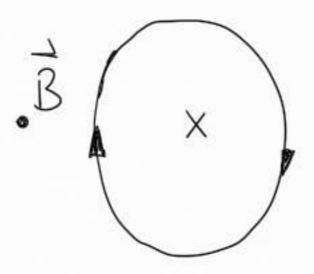
$$\overrightarrow{B}$$
  $\overrightarrow{B}$   $\overrightarrow{B}$ 

$$-\omega = \frac{2\pi}{T} = \frac{d\theta}{dt} = \frac{\pi}{2}, \frac{2\pi}{\omega}$$

$$\beta = \frac{m\omega}{9}$$

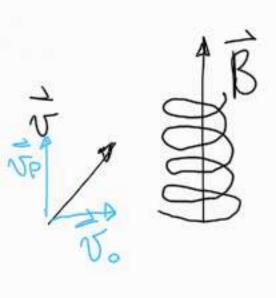
$$m\vec{c} = q\vec{c} \times \vec{B} = m\vec{\omega} \times \vec{c} = -m\vec{c} \times \vec{\omega} = -m\vec{c}$$

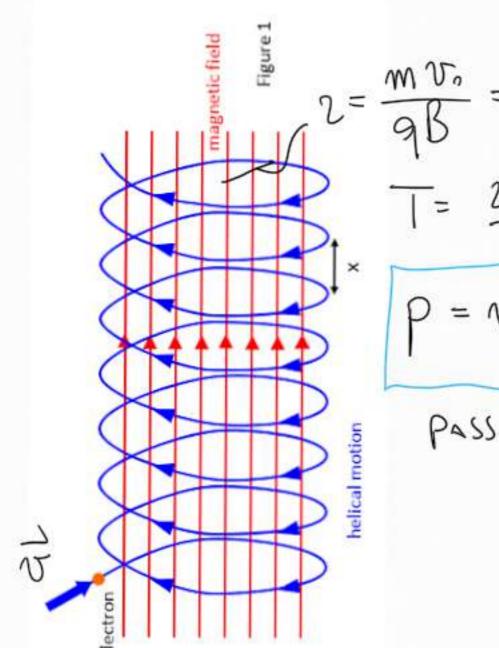
$$\frac{2}{\omega} = -\frac{9}{m} \frac{3}{B}$$



$$\frac{1}{12} = 0$$

$$R = \frac{m v_0}{9B} = \frac{m v_{nn} \theta}{9B}$$





$$2 = \frac{m v_0}{qB} = \frac{m v hn\theta}{qB}$$

$$T = \frac{2\pi v}{v_0} = \frac{m}{qB} 2\pi$$

$$P = \sqrt{p} T = 2\pi m v_0 \theta$$

$$Passo Dell'ELICA$$

