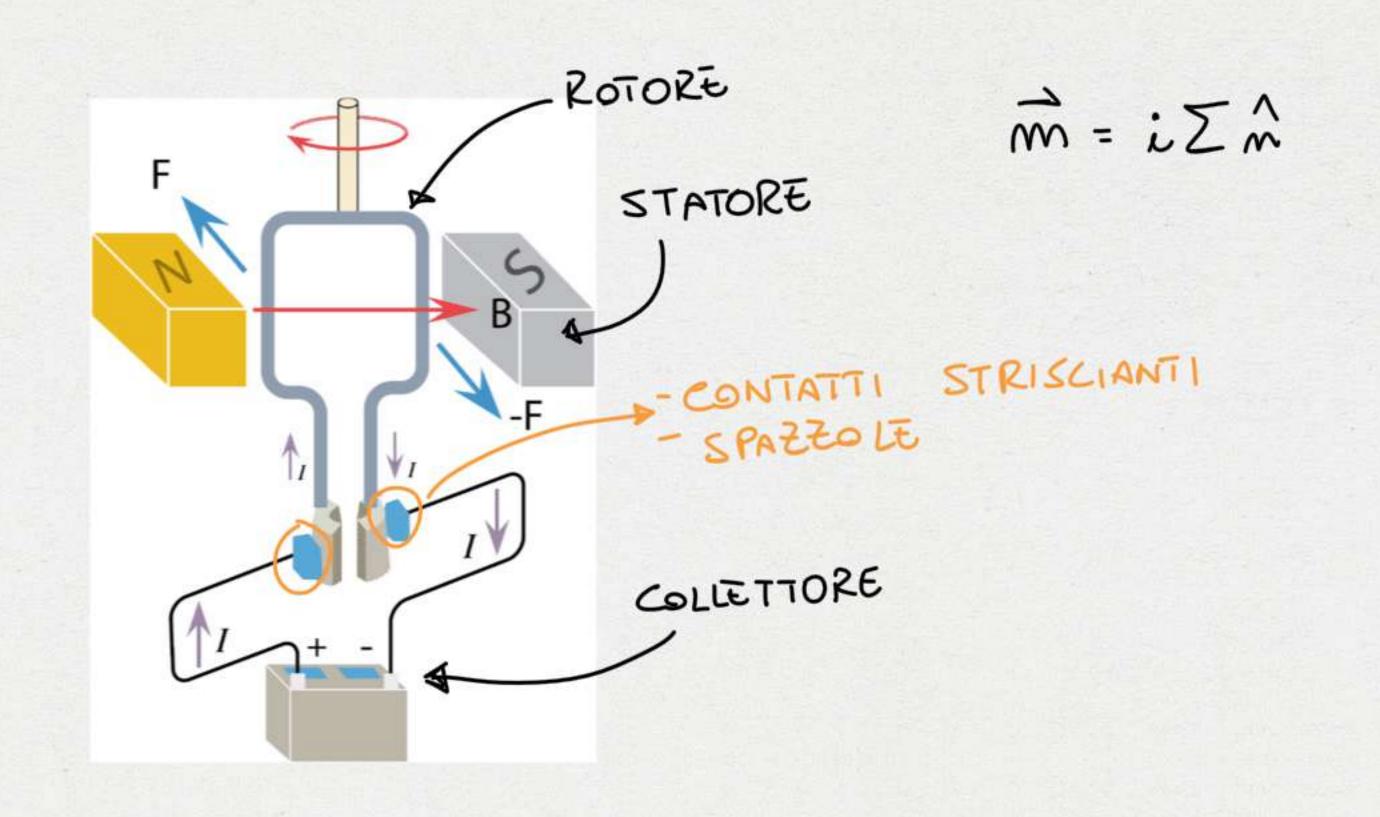
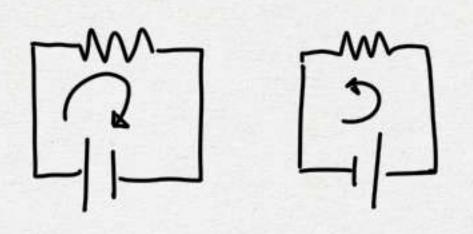


GALVANOMETRO

$$M = M_s \Rightarrow K\theta = \lambda \Sigma B \Rightarrow \lambda = \frac{K\theta}{\Sigma B}$$





$$\vec{\sigma} = (\vec{\sigma}_{x}, \vec{\sigma}_{y}, \vec{\sigma}_{z}) = \vec{\sigma}_{x} \cdot \vec{x} + \vec{\sigma}_{y} \cdot \vec{y} + \vec{\sigma}_{z} \cdot \hat{z}$$

$$\vec{B} = \vec{B}_{x} \cdot \vec{x} + \vec{B}_{y} \cdot \vec{y} + \vec{B}_{z} \cdot \hat{z}$$

$$\vec{\sigma}_{x} \cdot \vec{B} = (\vec{\sigma}_{x} \cdot \vec{x}) + (\vec{\sigma}_{y} \cdot \vec{y} + \vec{\sigma}_{z} \cdot \hat{z}) \times (\vec{B}_{x} \cdot \vec{x}) + (\vec{B}_{y} \cdot \vec{x}) + (\vec{B}_{z} \cdot \vec{z}) = (\vec{\sigma}_{x} \cdot \vec{x}) + (\vec{\sigma}_{y} \cdot \vec{B}_{y} \cdot \vec{x}) + (\vec{B}_{z} \cdot \vec{x}) + (\vec{G}_{z} \cdot \vec{x}) + (\vec$$

$$\vec{\nabla}_{0} = (\nabla_{x0} \nabla_{y0} O) = \nabla_{x0} \hat{x} + \nabla_{y0} \hat{y} \qquad \hat{x} \times \hat{z} = -\hat{y} \\ \hat{B} = (0,0,B) = B\hat{z}$$

$$\vec{F}_{L} = q (\nabla_{x0} \hat{x} + \nabla_{y0} \hat{y}) \times B\hat{z} = q \nabla_{x0} B \hat{x} \times \hat{z} + q \nabla_{y0} B \hat{y} \times \hat{z} = -q \nabla_{x0} B \hat{y} + q \nabla_{y0} B \hat{x} = (F_{x0}, F_{y0}, 0)$$

(1) SE
$$\Theta = \frac{\pi}{2}$$
 is $\vec{v} = (v_{ex}, v_{ex}, q)$ ALLORA IL MOTO E CONFINATO AL PIANO X,Y

IL MOTO É CIRCOLARE UNIFORME

$$3 = 3 \times 3 =$$

