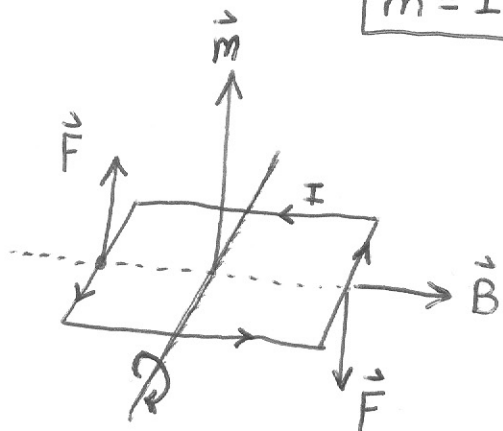


3.) $A = 2 \text{ cm}^2$ $I = 5 \text{ A}$ $\vec{n} \perp \vec{B}$ $M = 2 \cdot 10^{-4} \text{ Nm}$ $B = ?$

$$\vec{m} = I\vec{A} = IA\vec{n}$$

$$\vec{M} = \vec{m} \times \vec{B}$$



$$\vec{m} \perp \vec{B}$$

Nagysága: $M = mB \sin \alpha$ ($\alpha = 90^\circ$)

$$M = IAB$$



$$\underline{\underline{B}}$$