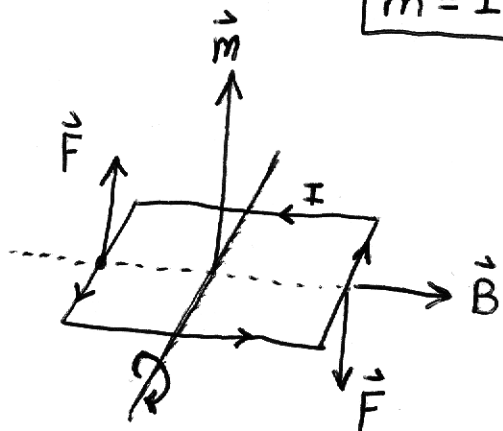


9.)  $A = 2 \text{ cm}^2$     $I = 5 \text{ A}$     $\vec{n} \perp \vec{B}$     $M = 2 \cdot 10^{-4} \text{ Nm}$     $B = ?$

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

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



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

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

$$M = IAB$$



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