

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

$$T = \frac{2\pi m}{3} = \frac{2\pi m}{qB}$$

$$S = \frac{2\pi m}{qB}$$

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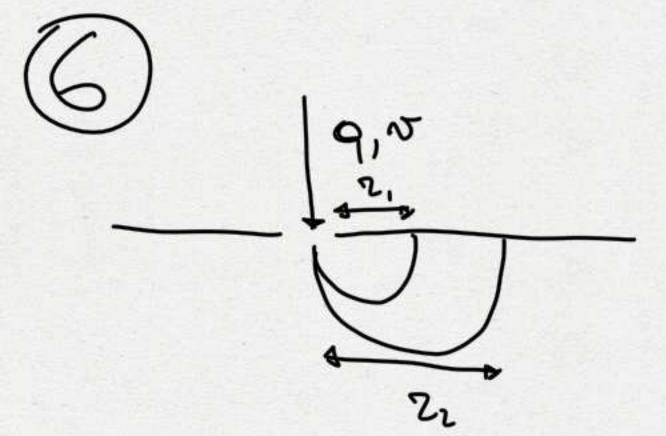
 $\begin{array}{c}
A \\
H = \overrightarrow{m} \times \overrightarrow{B}, \quad \overrightarrow{m} = i \Sigma \overrightarrow{n} \\
F_{\tau \circ \tau} = 0
\end{array}$

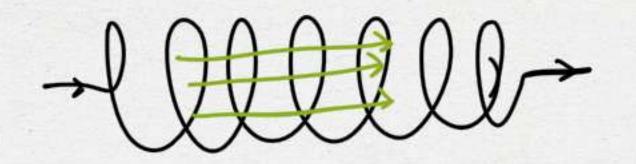
$$(5)$$
 S
 N

DIAMAGNETE

$$N \longrightarrow$$

PARA/FERRO MAGNETE





6.27 MNV - 44 LR
$$\lambda_{m} = 0.4$$

6. Lt MNV - 44 LR
$$\lambda_{m} = 0.058/cm, m = \lambda_{m}P = \lambda_{m}2(a+b), \theta = 12^{\circ} = 0.269 \text{ rad}$$

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$$\overrightarrow{F}_{m} = \lambda \overrightarrow{D} \times \overrightarrow{B} = \overrightarrow{F}_{m} \overrightarrow{Z} = \lambda \overrightarrow{D} \times \overrightarrow{A} \times \overrightarrow{B} = \overrightarrow{Z} + \overrightarrow{B} / \overrightarrow{A}$$

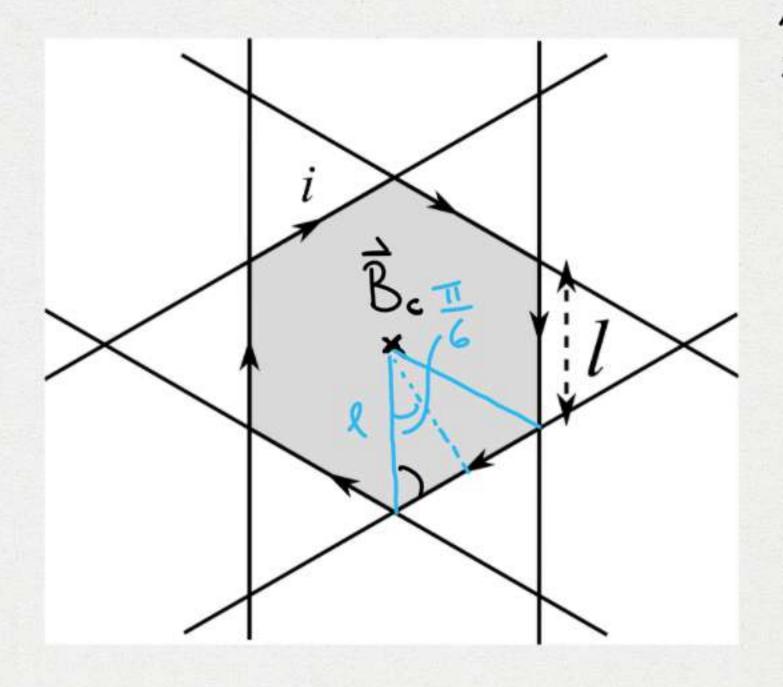
$$\overrightarrow{H}_{tot} = \overrightarrow{H}_{p} + \overrightarrow{H}_{m} = 0 + \overrightarrow{D}_{p} = -\overrightarrow{H}_{m} + \overrightarrow{D}_{m} = \overrightarrow{M}_{m}$$

$$\overrightarrow{H}_{p} = m_{g} \nabla_{p} \sin \theta_{o} = \overrightarrow{F}_{p} / \overrightarrow{\theta}_{o}$$

$$= m_{g} \nabla_{p} \sin \theta_{o}$$

Mm = iaBbmd = raBbm(= 0.) = raBbaso

 $B = \frac{m_S}{2ain} t_S \theta_0 = 5.21.10^{-3} T$ $W = \frac{2}{3} \text{ per persone de } \theta = 0 \text{ a } \theta = \theta_0$



$$i = 6A$$
, $l = 10 \text{ cm}$
 $B_c = ?$
 $B_c = 6B_f$
 $B_f = \frac{M \cdot i}{2\pi 2}$
 $z = l \cdot \sin \frac{\pi}{3}$
 $B_c = 13.86 \mu T$

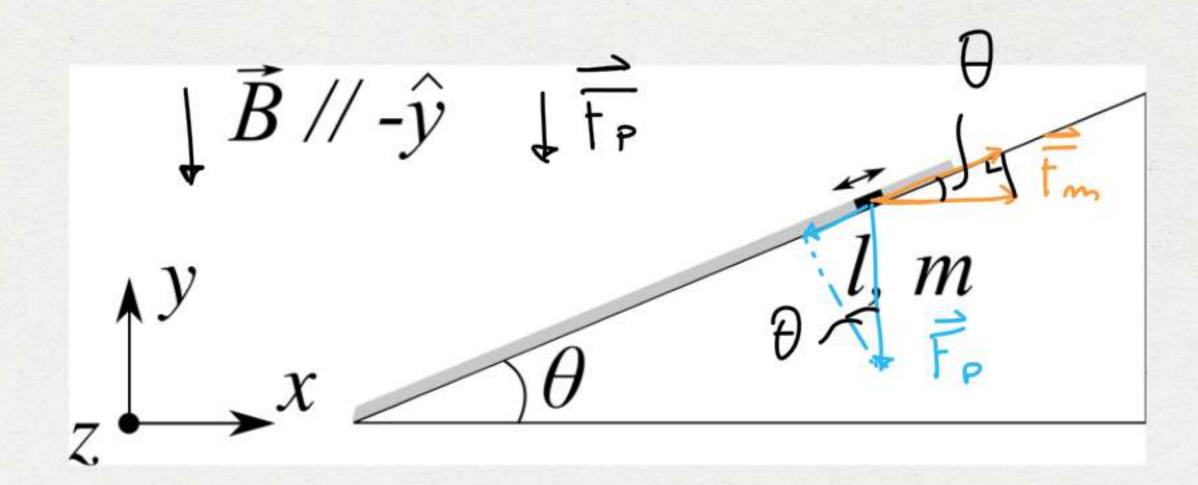
$$\begin{array}{c|c}
 & i_f \\
 & \uparrow \\
 & \downarrow \\
 & \downarrow$$

$$c = 40 \text{ cm}, b = 1 \text{ m}, m = 1 \text{ g}$$

$$d = 1 \text{ cm}, i_f = 30 \text{ A}$$

$$i = ?$$

$$F_{\text{Tor}} = 0$$



$$\theta = \frac{\pi}{6} = 30^{\circ}, l = 50 \text{ cm}$$
 $m = 0.1 \text{ Kg}$
 $\vec{B} = -30^{\circ}, l = 50 \text{ cm}$
 $\vec{B} = -30^{\circ}, l = 50 \text{ cm}$

$$i = \frac{mg}{Be} t_g \theta = 1.4A$$