

Anto
$$P_1$$

$$\vec{B} = \vec{B_1} + \vec{B_2}$$

$$\vec{B}_1 = \cancel{\mu_0} \vec{I}_1 \quad (\cancel{\mu_z})$$

$$\vec{J}_1 = \cancel{\mu_0} \vec{I}_2 \quad (-\cancel{\mu_z})$$

$$\vec{J}_1 = \cancel{\mu_0} \vec{I}_2 \quad (-\cancel{\mu_z})$$

$$\vec{J}_2 = \cancel{J}_1 \vec{I}_2 \quad (-\cancel{\mu_z})$$

$$\vec{J}_3 = \vec{J}_1 + \vec{J}_2$$

$$\vec{J}_4 = \vec{J}_1 \times \vec{I}_2$$

$$\vec{J}_4 = \vec{J}_1 \times \vec{I}_2$$

$$\vec{J}_5 = \vec{J}_1 + \vec{J}_2$$

$$\vec{J}_6 = \vec{J}_1 \times \vec{I}_2$$

$$\vec{J}_7 = \vec{J}_1 \times \vec{J}_1$$

$$\vec{J}_7 = \vec{J}_1$$

$$\overrightarrow{B} = 2\overrightarrow{B} = 2 \times 4 \cdot 11 \times 10^{-\frac{1}{3}} \cdot 5 \quad (-1)^{\frac{1}{2}}$$

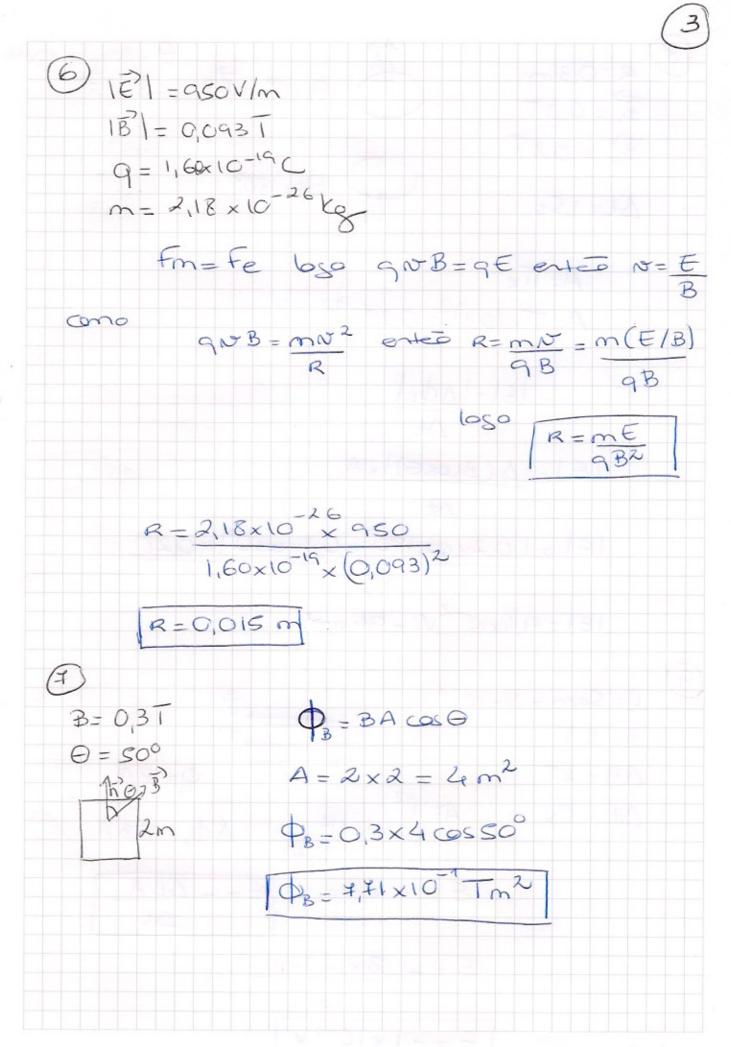
$$\overrightarrow{B} = 4 \times 10^{-5} \cdot 7 \cdot (-1)^{\frac{1}{2}}$$

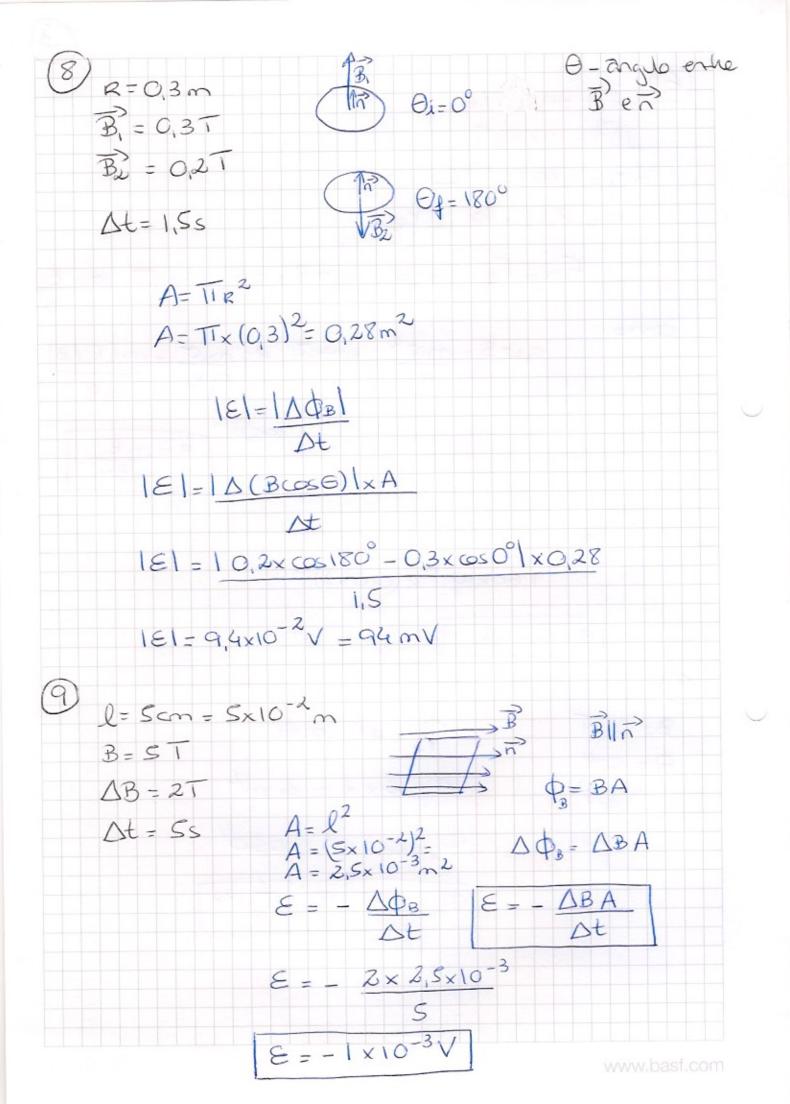
$$\overrightarrow{B} = \overrightarrow{B}_{1} + \overrightarrow{B}_{11}$$

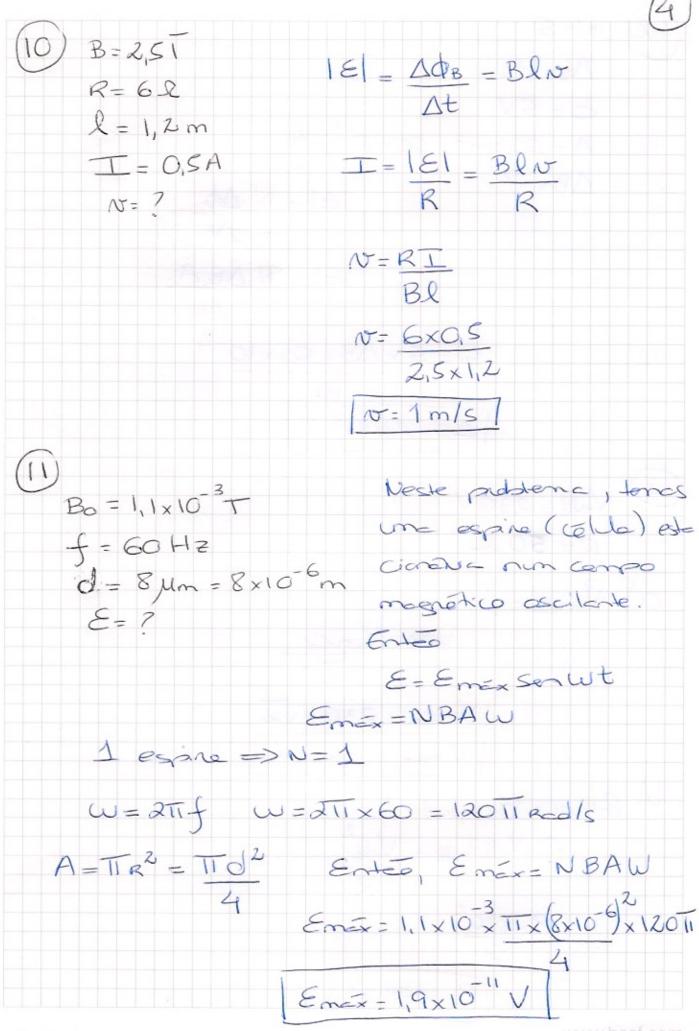
$$\overrightarrow{B}_{1} = \cancel{10} \times 5 \quad (-1)^{\frac{1}{2}}$$

$$\cancel{B}_{1} = \cancel{10} \times 5 \quad (-1)^{\frac{1}{2}}$$

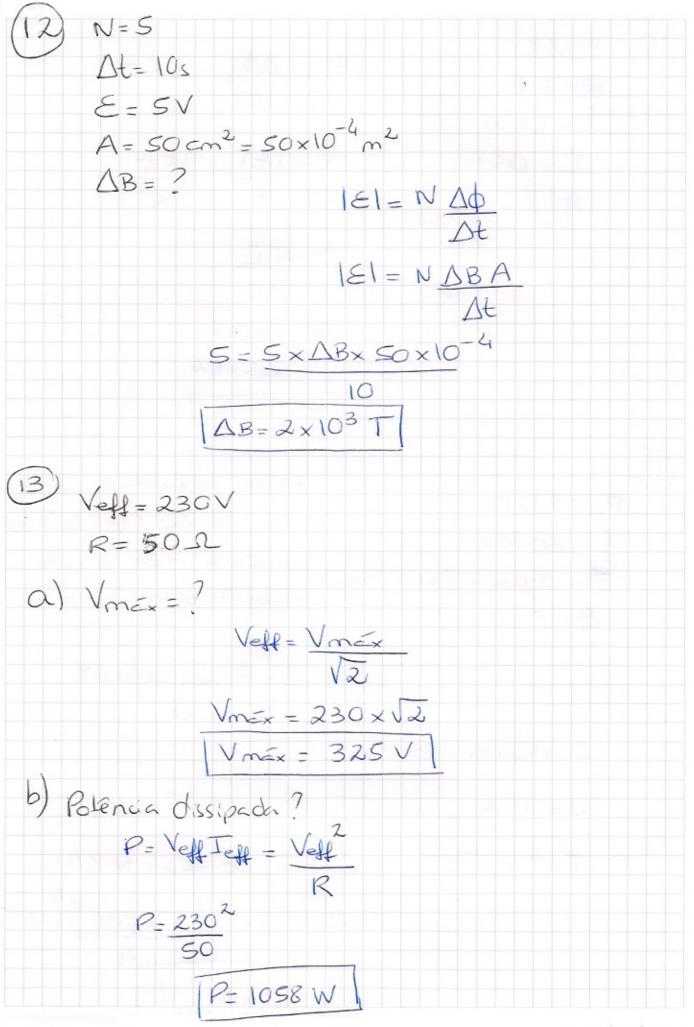
$$\cancel{B}_{2} = \cancel{10} \times 5 \quad (-1)$$

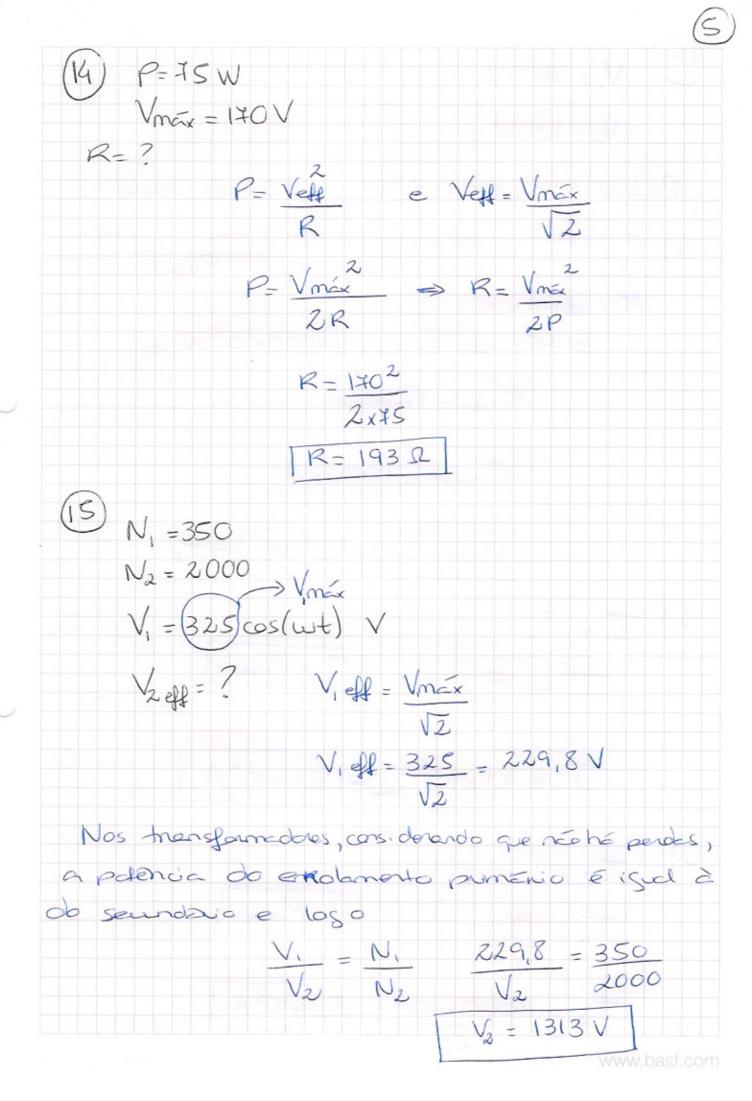






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(6)
$$V_1 = 3600V$$
 $V_2 = 120V$
 $P = 1000 \text{ kW} = 1000 \times 10^3 \text{ w} - 90\% \text{ element}$

a) $P_1 = ?$
 $P_2 = ?$
 $P_3 = ?$
 $P_4 = ?$
 P_4

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