FYH OIT - Paral 1.

Parte 1.

- O Opción c. O Opción b.

Parte 2.

- DCL 0.5

0.01m

T = \$ (0.04)2 + (0.01)2

V= 1.5 ×10-3

@ E2 = E.

Por serretion

ZEX = 0

ET = ZEy = E3

= 18×106 N/c 3 0.5

@ Fe = 9, E Fe = (10×10-9)(18×106)

Fe = 0.18 N 3 0.5

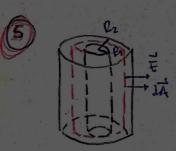
(a)
$$a = \frac{4t}{m} = \frac{(1.6 \times 10^{-14})(3.8 \times 10^{3})}{9.11 \times 10^{-31}}$$

$$a = 6.7 \times 10^{14} \text{ m/s}^2 - 7 = 0.5$$

$$t = \frac{-\sqrt{69}}{-\alpha} = \frac{2.6 \times 10^6}{6.7 \times 10^{14}} = 3.8 \text{ ns}$$

$$\sqrt{600} = \frac{\Delta \times 0.03}{1000} = 3.8 \text{ ns}$$

Vox:
$$\frac{\Delta x}{t} = \frac{0.03}{3.8800^{-9}}$$



Tit 0.5 [=0] Por estar dentro del conductor

J2 = 25 mc/m2

T= 9