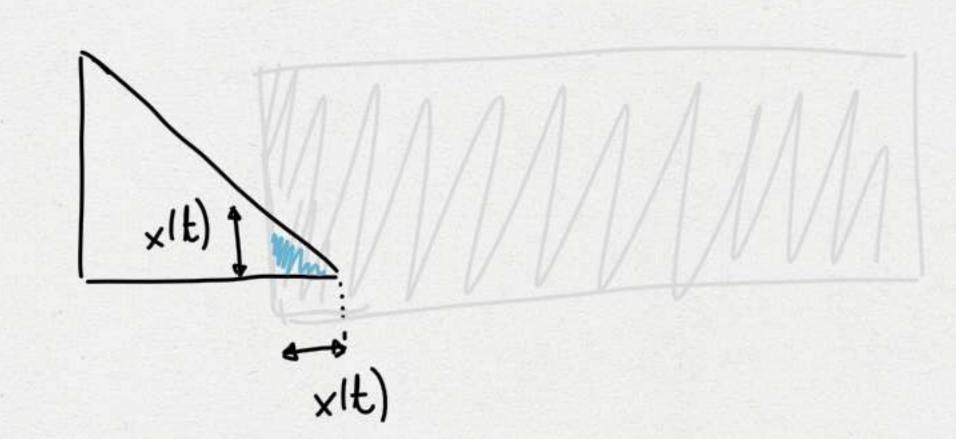
7) ANTIORARIO

$$\overline{F}_1 + \overline{F}_2 = \overline{F}_P$$
,  $ilB_1 + ilB_2 = mg$ 

$$l = 2a \cos\theta + 2a \cos\theta + (B_1 + B_2) = mg$$

$$\lambda = \frac{mg}{2a \cos\theta (B_1 + B_2)} = 1.25 \text{ A}$$

3 
$$B_2' \longrightarrow B_1 + B_2$$
  $F_m = F_1 + F_2 = il(B_1 + B_2) = mg$   
 $B_2' = 1 T$   $F_m' = il(B_2') = mg$ 



(2) vous souts per lens  $\mu (t) = -\frac{1}{R} \frac{d \overline{\Phi}}{d t} = -\frac{B v^2 t}{R}$ 

3) 
$$t_1 = \frac{1}{\sqrt{5}} = 10.5$$
  

$$Q = \frac{\Phi_1 - \Phi_0}{R} = \frac{1}{2} \frac{e^2 B}{R} = 0.5 C$$

$$= 0.5 C$$

② 
$$T = \frac{2\pi}{3}, t_f = \frac{d}{\sigma_p}$$
 E)  
 $N_c = \frac{t_f}{T} = 30.9 \rightarrow 30$   
 $N_c = \frac{d}{P} = 30.9$ 

$$\begin{array}{lll}
\nabla v, \nabla \rho \\
\omega &= \frac{9Bv}{m} & \Rightarrow Bv &= \frac{\omega m}{9} &= 1 \quad \Rightarrow B\rho = K_m Bv = 107 \\
\rho &= \frac{2\pi}{\omega} & \nabla \rho &= \frac{2\pi}{\omega} & \forall r \text{ inft} & \Rightarrow v &= \frac{\rho \omega}{2\pi \text{ inft}} &= 10^6 \text{ m/s} \\
v. &= v & \cos \theta \\
\nabla v &= \frac{m v_o}{9Bv} = 9.03.10 & \nabla \rho &= \frac{m v_o}{9B\rho} &= 9.03.10^4 \text{ m}
\end{array}$$