

$$\varepsilon_i = \Theta \frac{d\Phi(\vec{B})}{dt}$$

m = 5 g , L = 25 cm , R = 15 D , L = 40 cm B=2.5T, v(0) = 2.5 m/s 1) vers ed internte delle i indotte a t=0 2) la correct flute nel arcents dopo de la sborretta è uscita dolla zona de campo 3) la veloate di usate della storrette 4) L: le sborrette si forme completemente

$$i = \frac{|\mathcal{E}_i|}{R} = \frac{Blv(0)}{R}$$

1) vorso e interrita de i

$$\frac{1}{4} (\vec{B}) = B \times (t) l \Rightarrow \frac{d \times (t)}{dt} = \frac{d v(t)}{dt}$$

2) 9
$$L \in GGE \quad DI \quad F \in LICI \left[q = \int_{1}^{2} dq = \int_{1}^{2} dt = -\int_{2}^{2} dt + \frac{1}{R} \right]$$

$$q_{12} = \frac{\overline{\Phi}_{1} - \overline{\Phi}_{2}}{R}$$

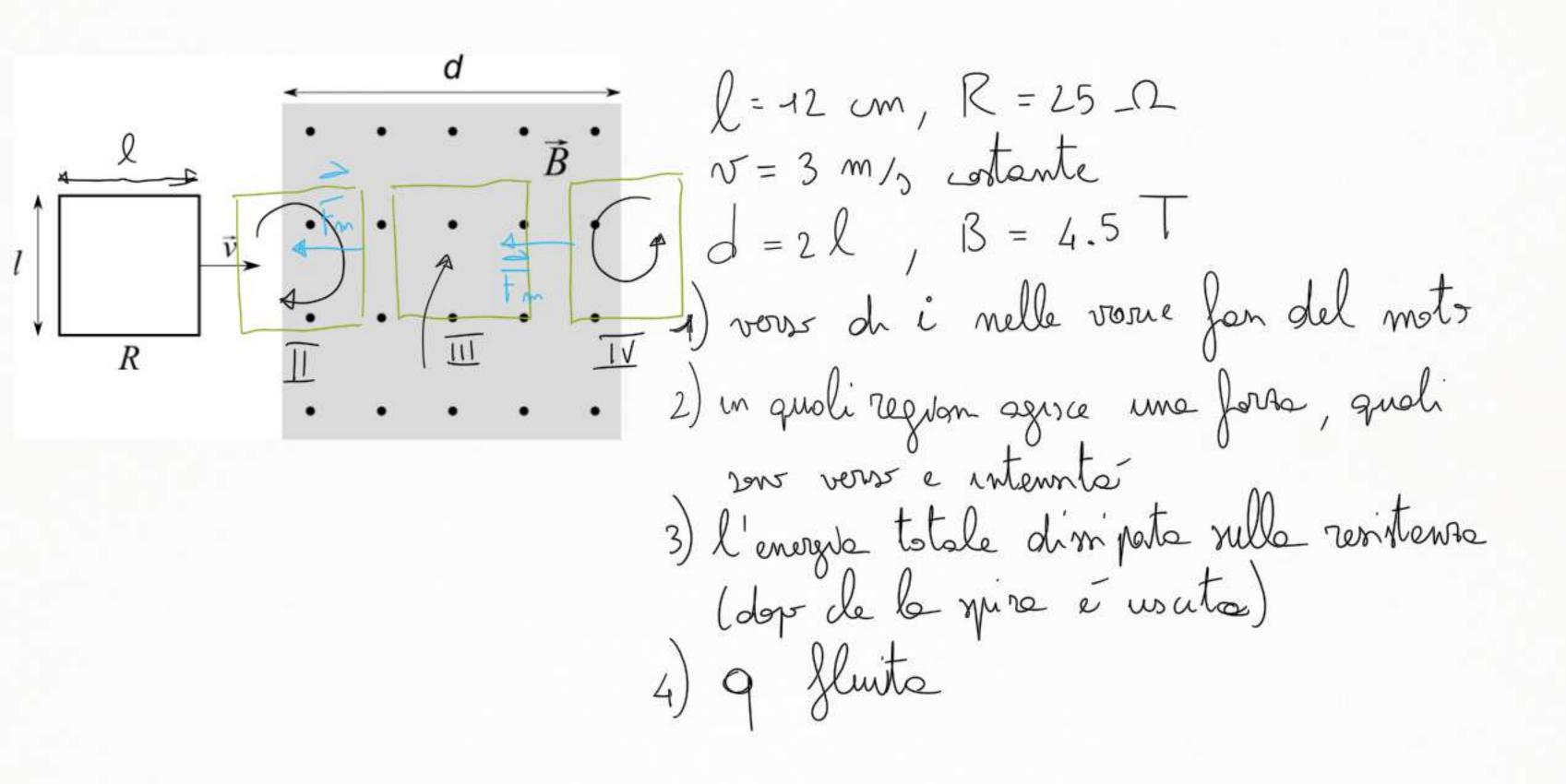
$$\Phi_{1} = 0$$

$$\Phi_{2} = BLl$$

$$\Phi_{2} = BLl$$

$$R$$

$$\frac{L}{B} \cdot \frac{L}{B} \cdot \frac{L}{B} \cdot \frac{1}{B} \cdot \frac{1$$



3)
$$W = \int_{-\infty}^{\infty} ds = \int_{-\infty}^{\infty} ds = -2FL$$

4) $q = \underbrace{\Phi_1 - \Phi_2}_{R} = 0$