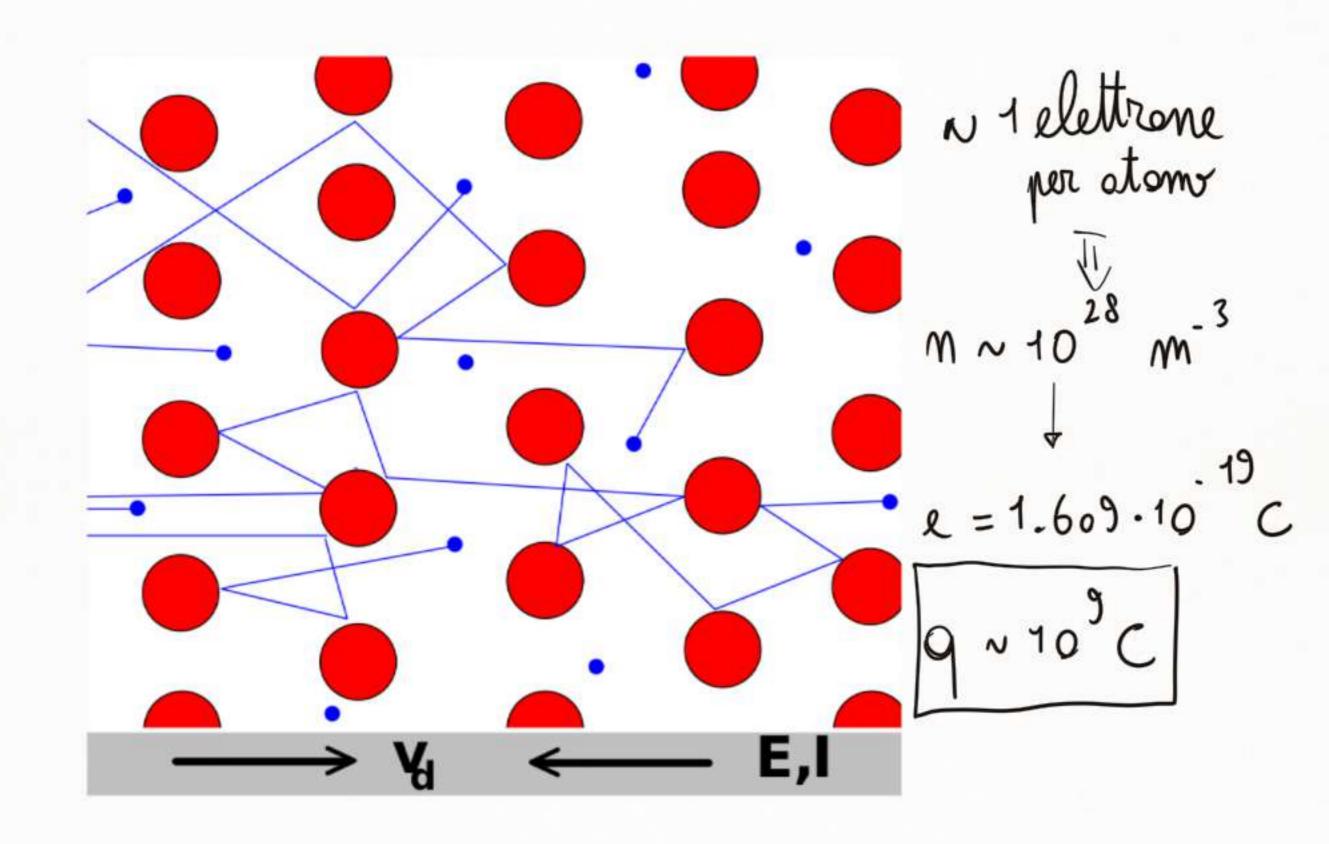
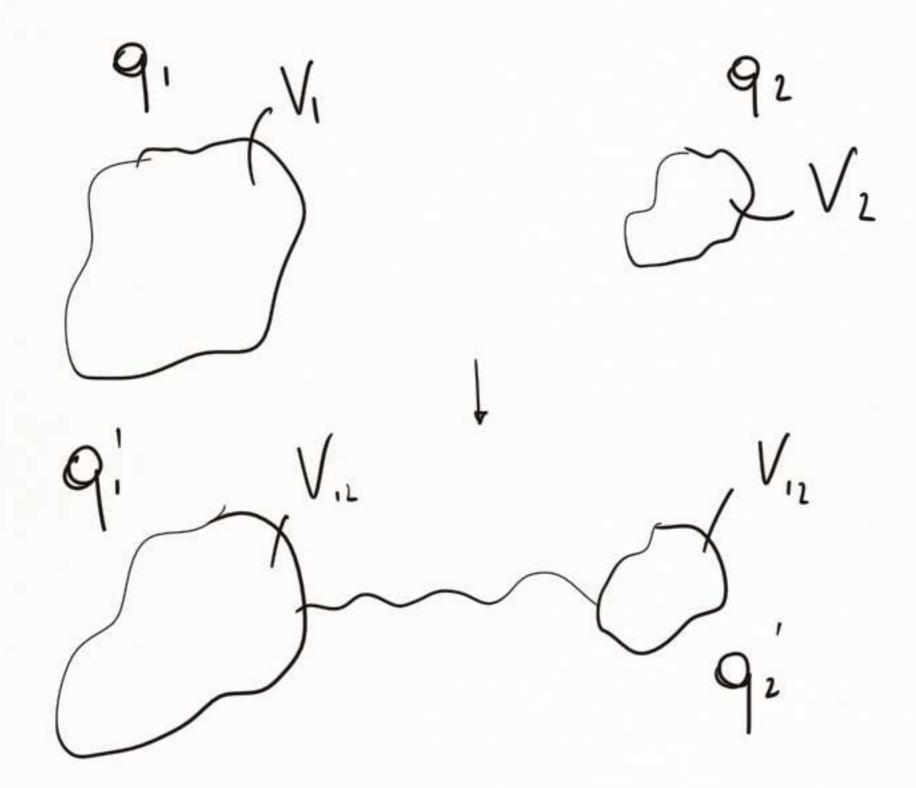
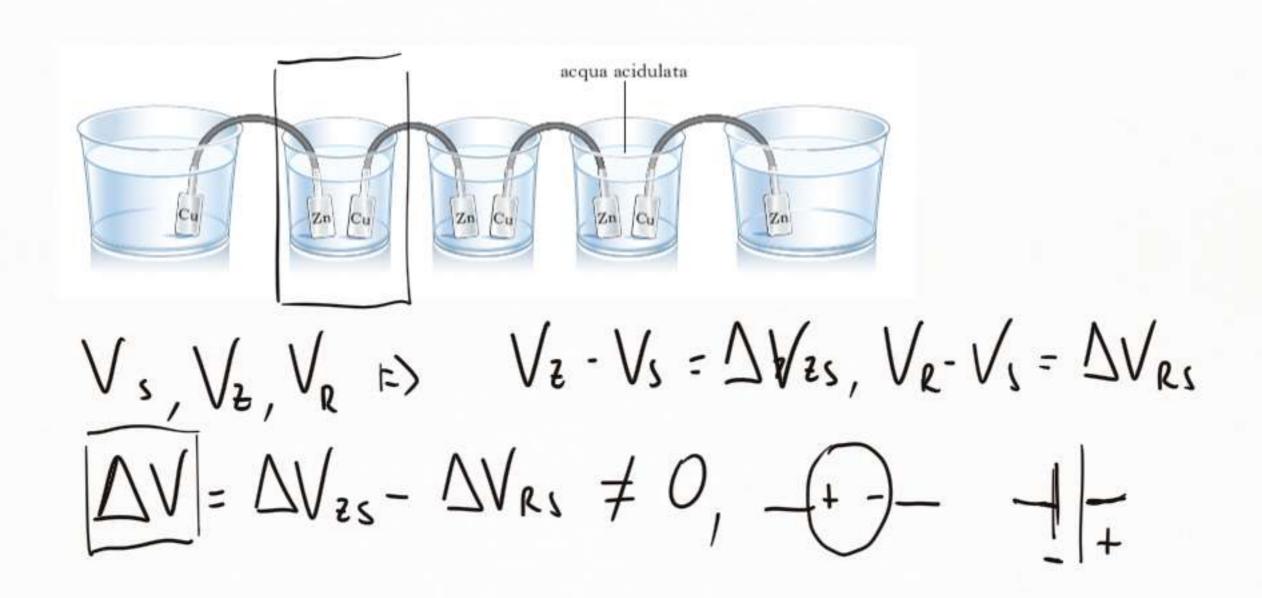
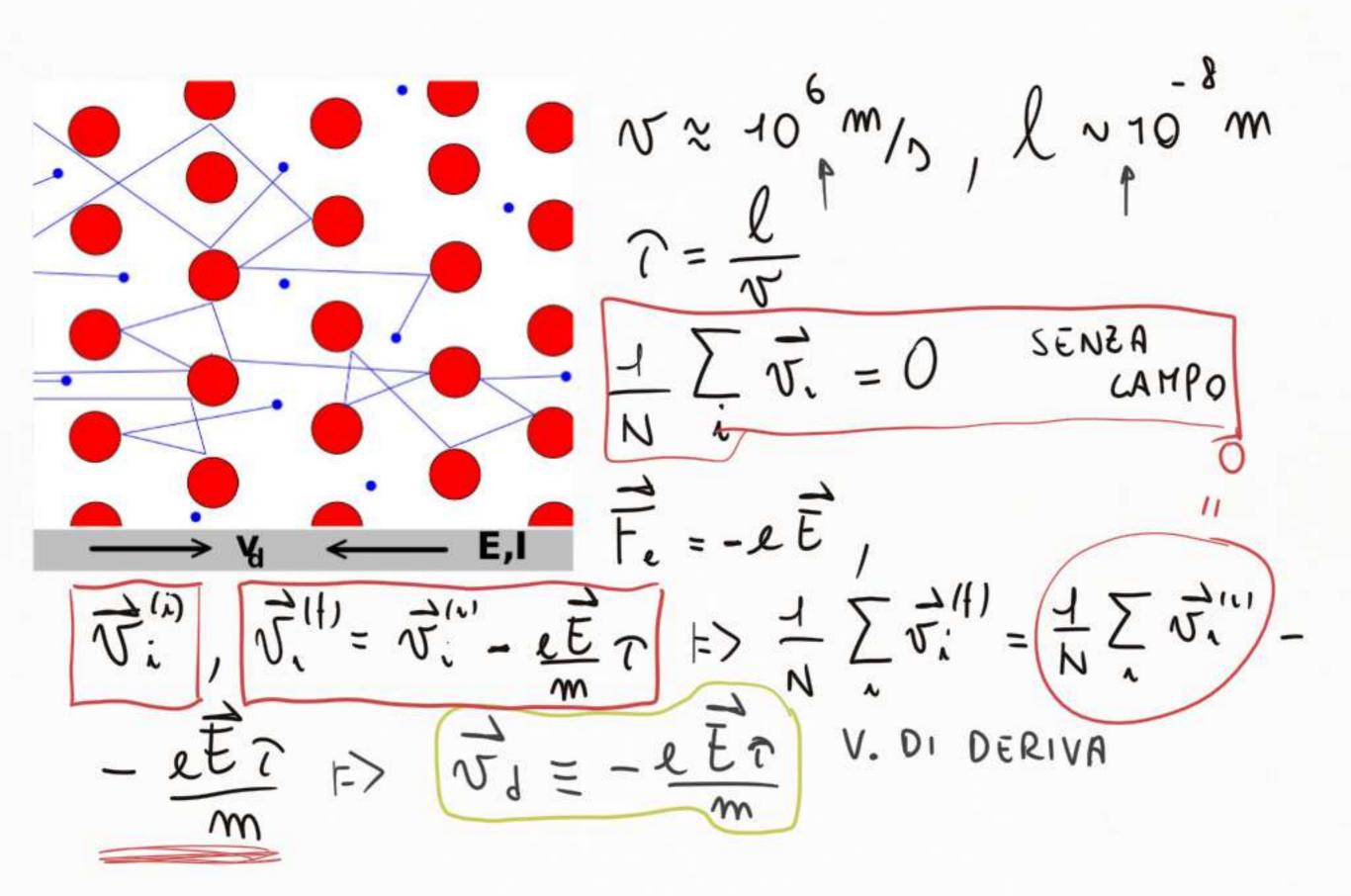
ESONERO 13/11 { PRESENZA 13:30 ONLINE 16:00





## GENERATORE DI TENSIONE/POTENZIALE/ FORZA ELETTROMOTRICE





$$E \sim 10^{-2} \frac{V}{m}, m = 9.1 \cdot 10^{-31} \text{ Kg}$$
 =>
$$V_{d} \approx 10^{-4} \frac{m}{2} \approx 10^{-4} \text{ V}$$

$$\frac{\Delta 9}{\Delta t} = i_{m}, \lim_{\Delta t \to 0} \frac{\Delta 9}{\Delta t} = \frac{dq}{dt} = i \left[i\right] = \frac{C}{\Delta} = A$$

$$\frac{d\Sigma}{d\tau} = \frac{d}{d\tau} = \frac{d}{d\tau} = \frac{d}{d\tau} = \frac{d}{d\tau} = \frac{d}{d\tau} = -\frac{d}{d\tau} = -\frac{d}{d\tau}$$

## STAZIONARIETA

$$\frac{\lambda_{1} = \lambda_{2}, \quad \lambda = \int_{\Sigma}^{\Delta} \cdot \hat{A} d\Sigma = J\Sigma}{J_{1} \sum_{i} = J_{2} \sum_{i} \geq \lambda_{2}}$$

$$J_{1} \sum_{i} \sum_{j} \sum_{i} \sum_{j} \sum_{i} \sum_{j} \sum_{j}$$

$$\frac{A}{\Delta V} = \int_{A}^{B} \frac{1}{E \cdot ds} = \int_{A}^{B} \frac{1}{E \cdot ds} \frac{1}{E \cdot ds} = \int_{A}^{B} \frac{1}{E \cdot ds} \frac{1}{E \cdot ds} = \int_{A}^{B} \frac{1}{E \cdot ds} \frac{1}{E \cdot ds} \frac{1}{E \cdot ds} = \int_{A}^{B} \frac{1}{E \cdot ds} \frac{1}{E \cdot ds$$

 $R = \frac{\rho h}{\Sigma}$ 

JUOIZES

$$\Delta V = Ri, [R] = \frac{V}{A} = \Omega \text{ ohm}$$

$$dW = \Delta V dq = \Delta V i dt \Rightarrow \text{Effetto}$$

$$R = \frac{dW}{dt} = \Delta V \hat{i} = R \hat{i}^2 = \frac{\Delta V^2}{R} \text{ Joule}$$

$$[O] = \frac{J}{A} = W$$

FILD DI RAME DI D = 1 mm

R 20 2.10-4 1

 $-\sqrt{\sqrt{}}$ 

RESISTENZE RESISTENZE

$$\Delta V = R_1 i_1 = R_2 i_2 + \sum_{k=1}^{N} i_k = \frac{\Delta V}{R_1}, \quad L_2 = \frac{\Delta V}{R_2} + \frac{1}{R_2} = \frac{\Delta V}{R_2}$$

$$\dot{L} = \dot{L}_1 + \dot{L}_2 = \Delta V \left(\frac{1}{R_1} + \frac{1}{R_2}\right) = \frac{\Delta V}{R_2}$$

$$\Delta V = V_A - V_B = \int_A^B \vec{E} \cdot d\vec{s} = Ri$$

$$\Delta V = \oint \vec{E} \cdot d\vec{S} = R_T i \neq 0$$

$$[E] = V$$

