$$v_{0}t^{*}=l_{1}t^{*}=l_{1}t^{*}=l_{1}t^{*}$$
 $y(t)=l_{2}t^{2}$

$$d = y(t^*) = \frac{1}{2}ab^* = \frac{1}{2}eE(\frac{l}{v})$$

$$\Delta U_{\kappa} = U_{\kappa}(0) - U_{\kappa}(0) = -\Delta U_{e} = +e\Delta V =
= \frac{1}{2}mv^{2}(t^{*}) - \frac{1}{2}mv^{2}(0) = \frac{1}{2}mv^{2}(t^{*}) - \frac{1}{2}mv^{2} =
= \frac{1}{2}mv^{*}(t^{*}) = \frac{1}{2}mat^{*} = \frac{1}{2}\frac{et}{m}\frac{l}{v}, m = \frac{1}{2}eE\frac{l}{v},$$

$$\int_{\Gamma} \int_{\Gamma} dx \, dy \, dz = \int_{\Gamma} \int_{\Gamma} (z, \theta, \varphi) \, \tau^{2} \, n \, \theta \, dz \, d\theta \, d\varphi = \int_{\Gamma} \int_{\Gamma} (z) \, 4 \pi \, r^{2} \, dr$$

$$\int_{\Sigma} G(x, y) \, dx \, dy = \int_{\Sigma} (G(z, \theta)) \, r \, dr \, d\theta = \int_{\Sigma} (dz) \, 2 \pi \, r \, dz$$

$$\frac{1}{2} \sum_{z} \frac{1}{2} \sum_{z}$$

$$\frac{\overline{E}(z) = \frac{\rho R^2}{2 \overline{\epsilon} \cdot 2}}{2 \overline{\epsilon} \cdot 2}, \quad \lambda = \rho \overline{R}^2 \neq 5$$

$$\frac{\overline{E}(z) = \frac{\lambda}{2 \overline{\epsilon} \cdot 2}}{2 \overline{\epsilon} \cdot 2}$$

$$2) \quad \forall (2z) - \forall (2z) = -\int_{2z}^{2z} \overline{E}(z) dz = -\frac{\rho R^2}{2 \overline{\epsilon}_0} \int_{2z}^{2z} dz = -\frac{\rho R^2}{2 \overline{\epsilon}_0} \left[\log 2z - \log 2z \right] = \frac{\rho R^2}{2 \overline{\epsilon}_0} \log \frac{2z}{2} \qquad (=)$$

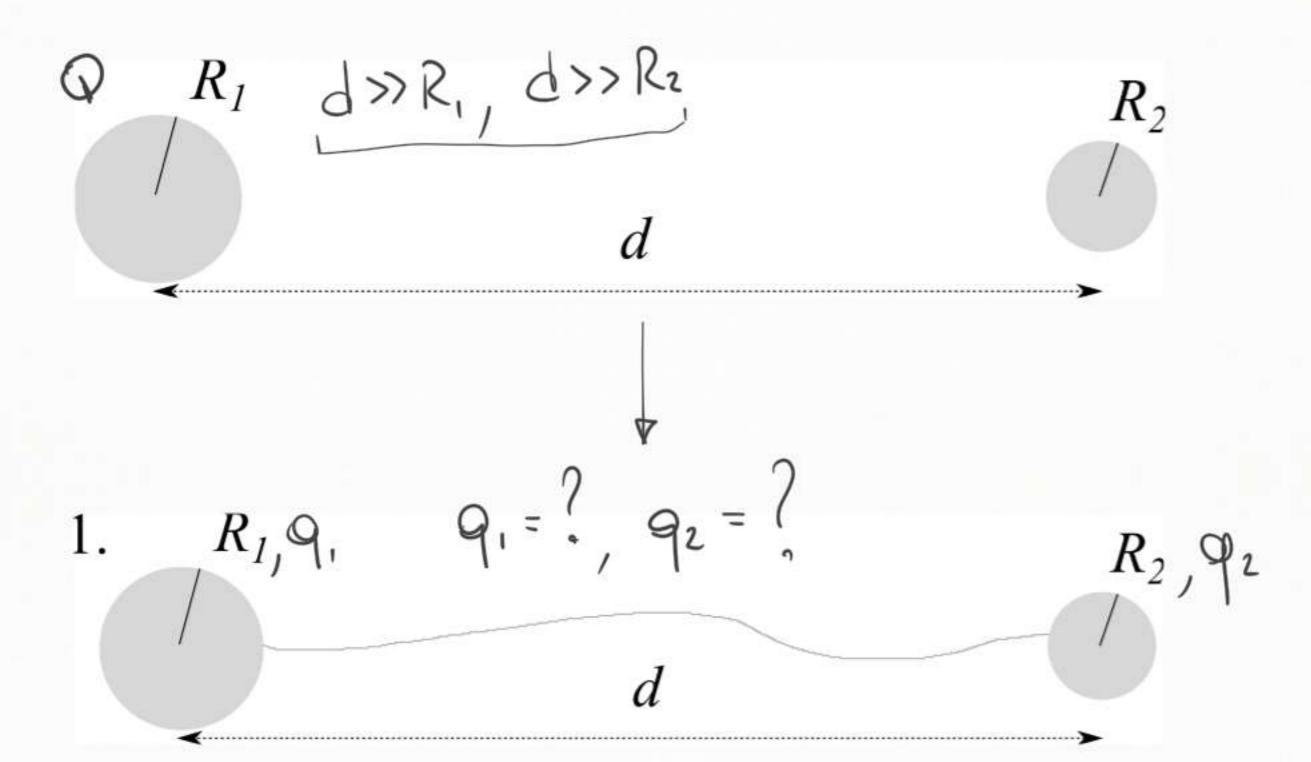
$$Q = C\Delta V \Rightarrow C = \frac{9}{\Delta V}$$

$$Q = \rho \pi R^{2}h = \lambda h \Rightarrow \rho$$

$$\Delta V = \frac{9}{2\pi \epsilon_{0}h} \log \frac{2\iota}{2\iota} \Rightarrow C = \frac{9}{\Delta V} = \frac{2\pi \epsilon_{0}h}{\log \left(\frac{R_{2}}{2\iota}\right)}$$

ESONERO (DATA PAPABILE)

13/11 ORE 13:30 AULA4



$$V(1) = V(2), V(1) = \frac{q_1}{4\pi \xi_0} \frac{1}{R},$$

$$Q_1, R_1, V(2) = \frac{q_2}{4\pi \xi_0} \frac{1}{R},$$

$$Q_1 = \frac{q_2}{R_1}, Q_1 + Q_2 = Q_1 = X$$

$$Q_1 = \frac{q_2}{R_2} + X = X$$

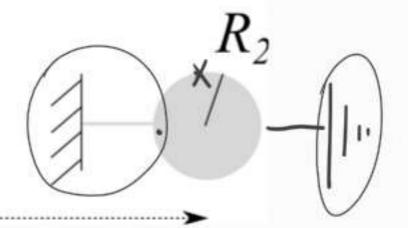
$$Q_1 = \frac{q_2}{R_2} + X = X$$

$$Q_2 = \frac{Q_1}{R_1 + R_2} = X = X$$

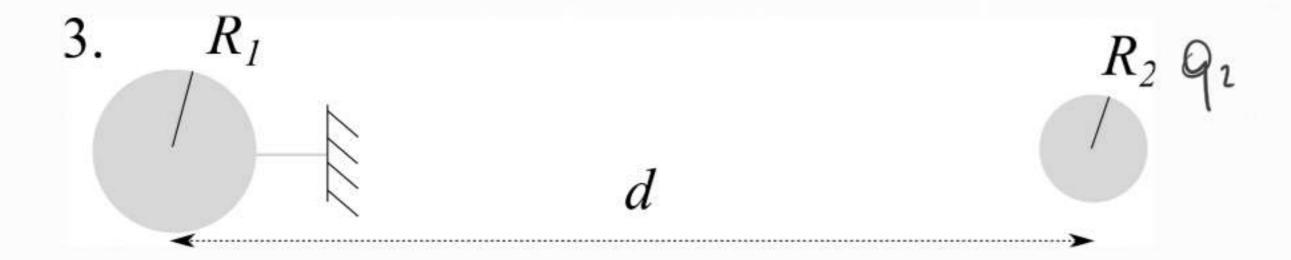
$$Q_1 = Q_2 = \frac{Q_1}{R_1 + R_2}$$

$$Q_1 = Q_2 = \frac{Q_1}{R_1 + R_2}$$

2.
$$R_1, Q$$



$$\sqrt{(2)} = 0 \Rightarrow$$



$$\frac{1}{q_a^{r_a}}$$

$$q_a^{r_a}$$
 $-9b$
 $q_b^{r_a}$

$$\begin{array}{c|c} & & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & \\ & & \\ &$$

$$\Delta V_{ab} = V(a) - V(b)$$

1) $C_{eq} = ?$
2) $q_{i}, \Delta V_{a}, \quad \iota \in ,1,2,3,4,5$

PARALLELO

SERIE

