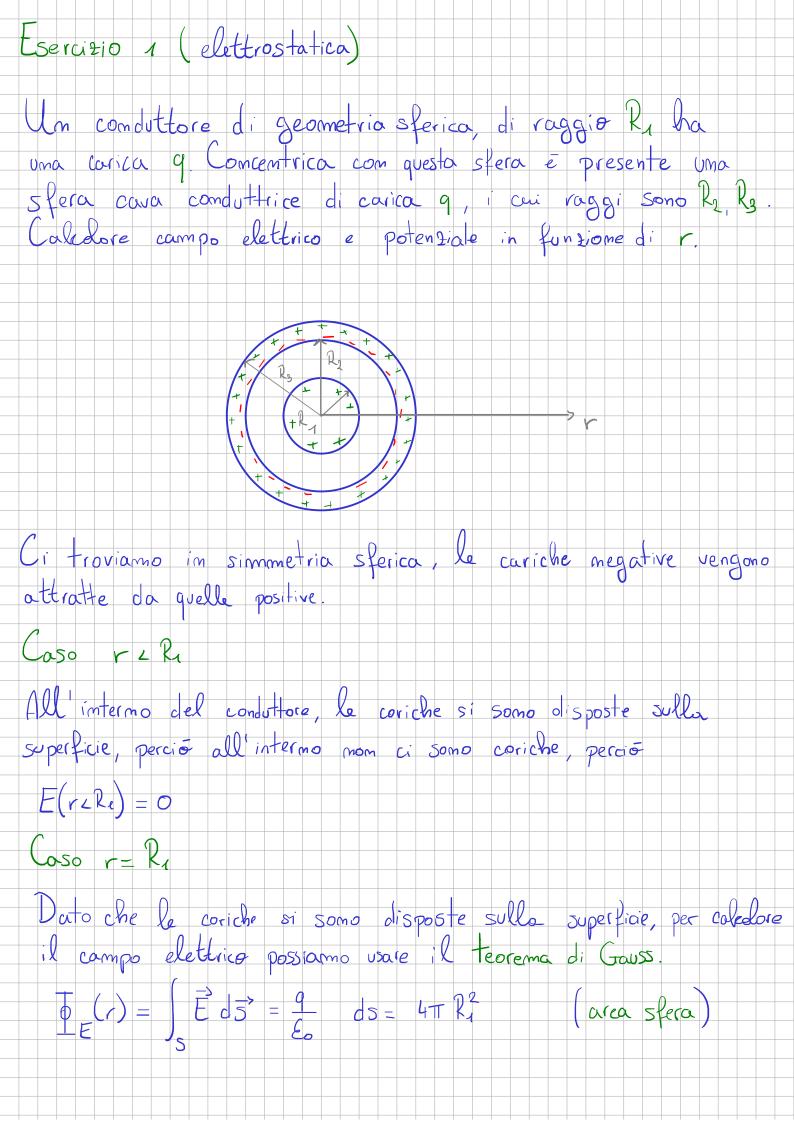
LEZIONE SIGN 2023

$$C = \frac{9}{V}, \quad V = \frac{1}{11}9V = \frac{1}{11}CV^2 = \frac{1}{12}9V = \frac{1}{12}CV^2 = \frac{1}{12}V = \frac$$



$$E + \pi R^2 = \frac{q}{E_0} \Rightarrow E(R_1) = \frac{q}{4\pi E_0 t^2}$$

$$Coso R_1 \leq r \leq R_2$$

$$E + \pi r^2 = \frac{q}{E_0} \Rightarrow E(r) = \frac{q}{4\pi E_0 t^2} \text{ dave } r \text{ poo voriace than } [R_1, R_2)$$

$$Caso R_1 \leq r \leq R_2$$

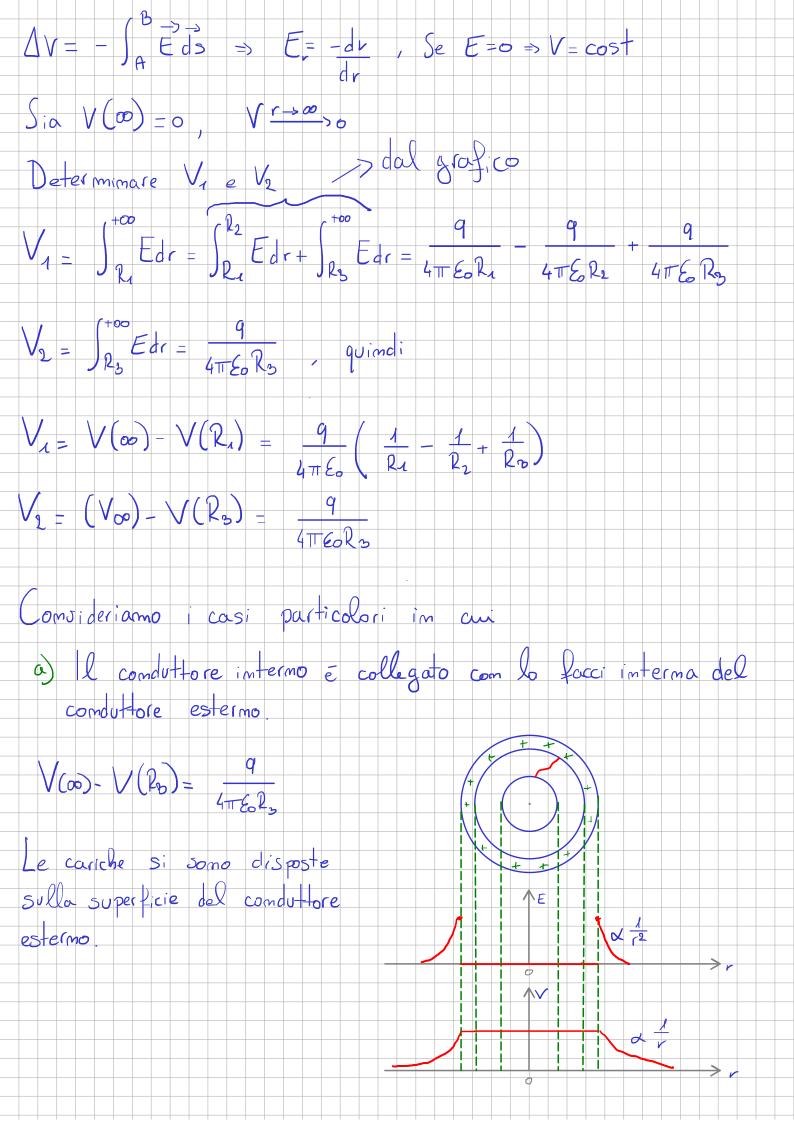
$$Im questo su perficie + roviarmo coviche q + e coviche q - =>$$

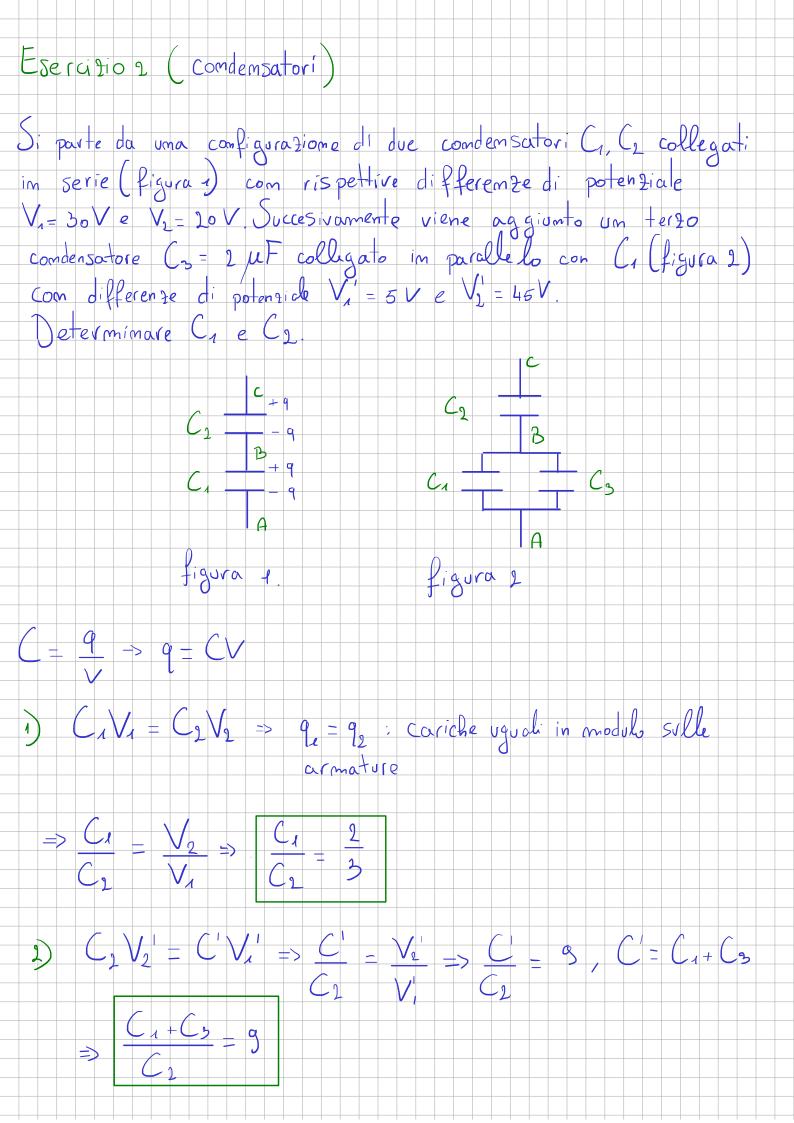
$$E + \pi r^2 = \frac{q}{E_0} \Rightarrow E = 0$$

$$Coso r \geq R_2$$

$$E + \pi r^2 = \frac{q}{E_0} \Rightarrow E = \frac{q}{4\pi E_0 r^2}$$

$$Quale e il potembals im cioscum di questi cosi?$$





Se
$$r \neq R \Rightarrow E = 0$$

Se $r \neq R \Rightarrow E = 0$

$$Se r \Rightarrow R \Rightarrow E = \frac{q}{4\pi E r^2}$$

$$V_E^{TOT} = \int \frac{1}{2} \frac{1}{E} \frac{1}{$$

