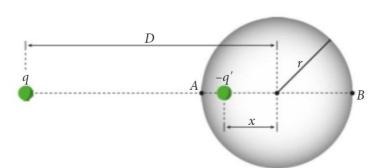


Considera la retta congiungente la carica con il centro della sfera.



▶ Calcola il valore assoluto della carica -q'.

$$[9,0 \text{ cm}; 3,0 \times 10^{-10} \text{ C}]$$

$$\begin{array}{c|c}
V_A = V_B = 0 \\
\hline
V_A = V_A = V_B = 0 \\
\hline
V_A = V_B = 0$$

$$\begin{array}{c|c} (D-n & D+n) & (R-x) \\ \hline / & D-n & = / & \frac{n-x}{n+x} \\ \hline / & D+n & = (R-x)(D+n) \end{array}$$

$$(0,3+x)\cdot 0,7 = (0,3-x)\cdot 1,3$$

$$R = 0,30 \, \text{m}$$
 $D = 1,0 \, \text{m}$

