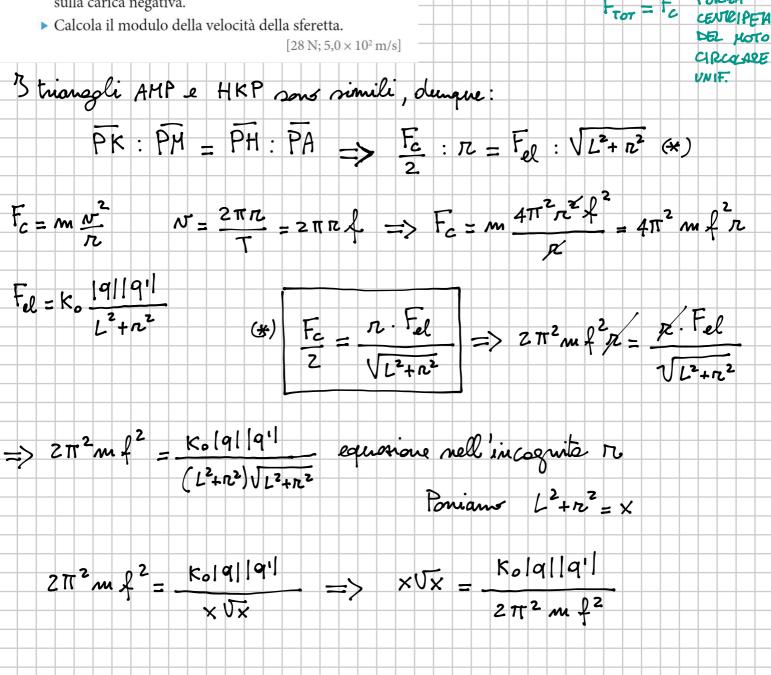


➤ Calcola la forza totale esercitata dalle cariche positive sulla carica negativa.



q1

J2+12

A

$$\begin{array}{lll}
 & \times \sqrt{1} \times \frac{1}{2} & \times \sqrt{1} \times \sqrt{1} & \times \sqrt{1} \times \sqrt{1}$$

$$F_c = 4\pi^2 m r f^2 = 4\pi^2 (9,0 \times 10^{-6} \text{ kg}) (0,080501007 m) (1,0 \times 10^3 \text{ Hz})^2 =$$

$$= 28,6024... N \simeq 29N$$

$$N = 2\pi f r = 2\pi (1,0 \times 10^3 Hz) (0,080501007 m) =$$

$$= 0,5058... \times 10^{3} \text{ M} \sim 5,1 \times 10^{2} \text{ M}$$