

- ▶ Calcola la forza totale esercitata dalle cariche positive sulla carica negativa.
- ▶ Calcola il modulo della velocità della sferetta.

= 0,010080412 m2

$$[28 \text{ N}; 5,0 \times 10^2 \text{ m/s}]$$

$$F_{c} = m\alpha_{c} = m \frac{N^{2}}{\pi} = m \frac{(\pi\omega)^{2}}{\pi} = \frac{1}{\pi}$$

$$= m\pi\omega^{2} = m\pi 4\pi^{2} f^{2}$$

T= \x-L2 = 1/0,010080412-(0,060)2 m=

= 0,080301007m

FRENCENSA
$$f = \frac{1}{T}$$
 $W = \frac{2\pi}{T} = 2\pi f$

$$F_{a} = \frac{1}{T}$$

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$$F_{b} = \frac{1}{T}$$

$$F_{a} = \frac{1}{T}$$

$$F_{b} = \frac{1}{T}$$

$$F_{c} = 4\pi^{2} \text{ mr. } f^{2}$$

$$F_{c} = 4\pi^{2} \text{ m$$

$$F_{c} = 4\pi^{2} m \pi R^{2} = 4\pi^{2} (9,0 \times 10^{-6} \text{ kg}) (0,080501007 \text{ m}) (1,0 \times 10^{3} \text{ H} \text{s})^{2}$$

$$= 28,6024...N \simeq 23N$$

$$N = \omega n = 2\pi f n = 2\pi (4,0 \times 10^{3} \text{ H} \text{s}) (0,080501007 \text{ m}) =$$

$$= 0,5058... \times 10^{3} \frac{m}{2} \simeq 5,1 \times 10^{2} \frac{m}{2}$$