PAG. 835 N 23

$$\sqrt{V} = \sqrt{\frac{F_r}{d_L}}$$

$$N^{2} = \frac{F_{T}}{d_{L}}$$

$$d_{L} = \frac{F_{T}}{N^{2}}$$

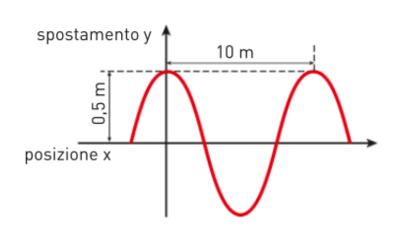
$$F_{z} = \frac{F_{4}}{\sqrt{2}} \cdot \sqrt{2} = \frac{400N}{4\times10^{4}} \cdot 9\times10^{4} = 900N$$

$$f = \frac{1}{T} = \frac{1}{800} = 0.13 \text{ Hz}$$

$$\omega = \frac{2\pi}{T} = 0.79 \frac{\text{red}}{\text{5}}$$

$$V = \frac{\lambda}{T} = \frac{15M}{800} = 1.9 \text{ M}$$

PA4. 896 N 33



$$y = a cos \left(\frac{2\pi}{\lambda}x + \%\right)$$

$$\omega = \frac{2\pi}{T} = \frac{2\pi N}{\lambda} = \frac$$