PAG. 897 N 37

$$y(x,t) = a\cos\left(\frac{2\pi}{\lambda}(x - vt) + \varphi_0\right)$$

$\varphi_0 = 0$

$f = 880\ Hz$

$a = 3{,}00\ m$

$v = 340\ m/s$

$$v = \lambda f \Rightarrow \lambda = \frac{v}{f} = \frac{340\ m/s}{880\ Hz} = 0{,}386\ m$$

$$y = (3{,}00\ m)\cos\left(16{,}3\ \frac{rad}{m}\left(x - 340\ \frac{m}{s}\,t\right)\right)$$