Normal modes on a string

Philippe W. Courteille, 05/02/2021

Solution: *It is $\lambda = 2L$ and hence,*

$$\omega = 2\pi\frac{c}{\lambda} = 2\pi\frac{\sqrt{T/\mu}}{2L} = 2\pi\frac{\sqrt{TL/m}}{2L} = \pi\sqrt{\frac{T}{Lm}} \ .$$