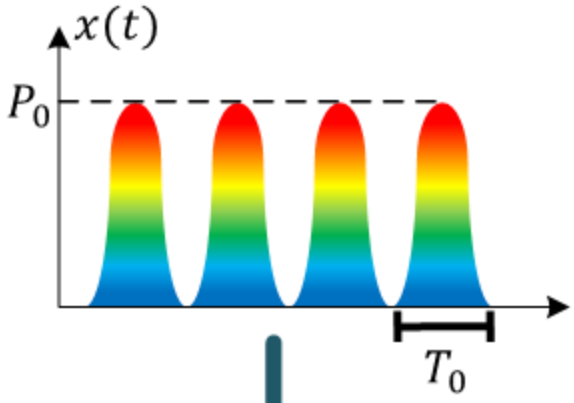

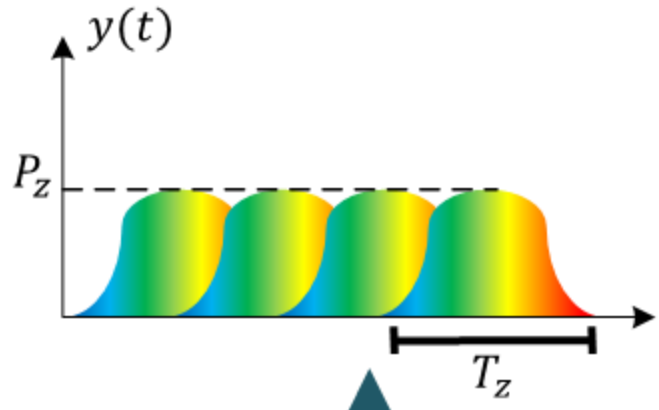

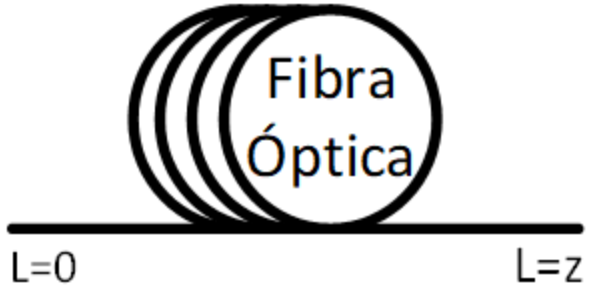

$$x(t) = \mathcal{F}^{-1}\{X(\omega)\}$$

$$y(t) = \mathcal{F}^{-1}\{Y(\omega)\}$$

$$H(\omega, z) = e^{-j\frac{\beta_2}{2}\omega^2 z}$$

$$Y(\omega) = H(\omega, z)X(\omega)$$