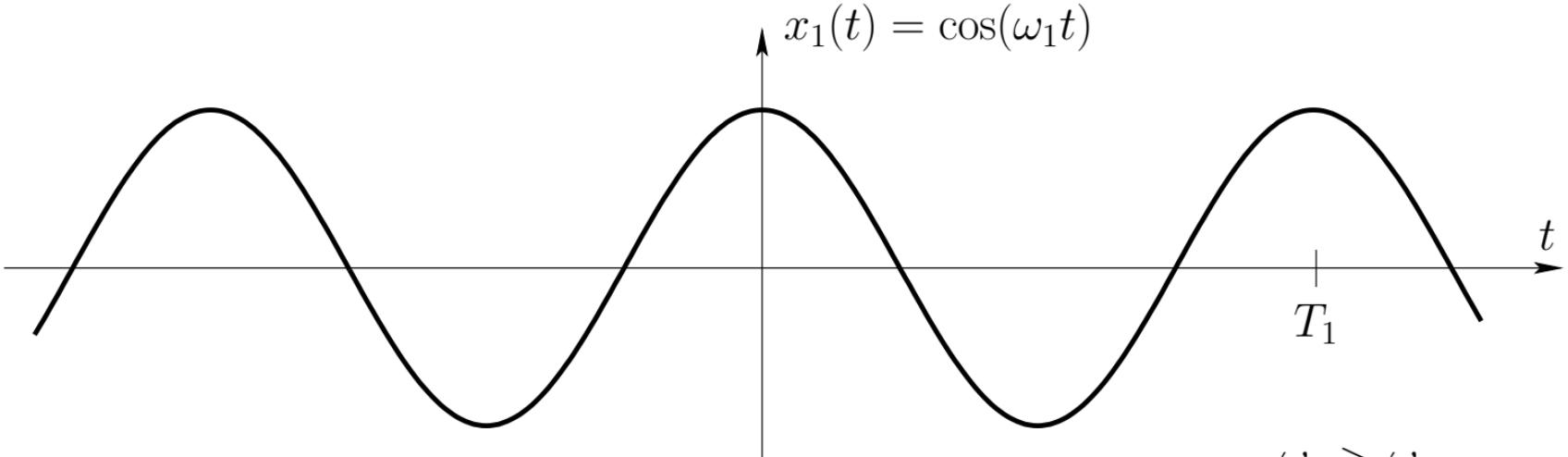


$$x_1(t) = \cos(\omega_1 t)$$



$$\begin{aligned}\omega_2 &> \omega_1 \\ T_2 &< T_1\end{aligned}$$

$$x_2(t) = \cos(\omega_2 t)$$

