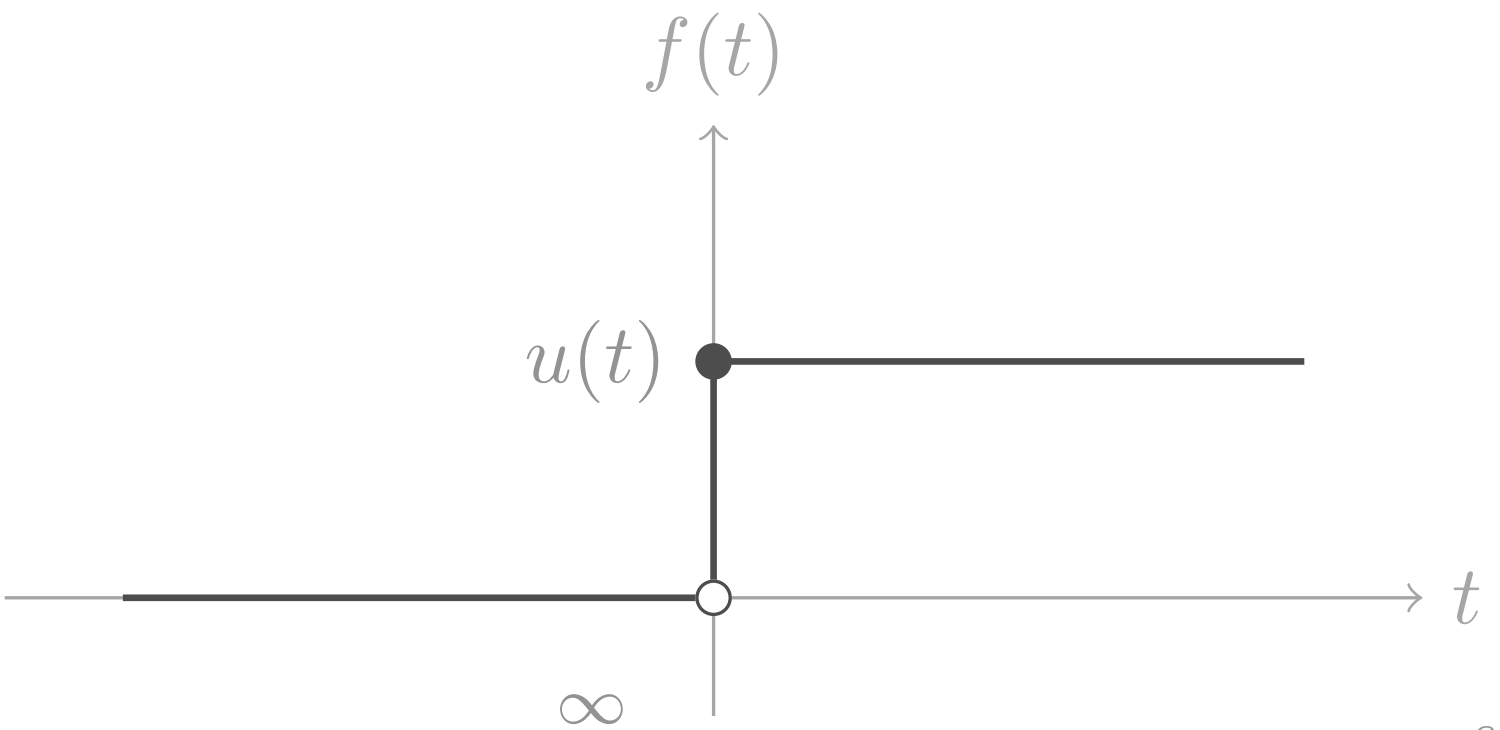

$$\mathcal{L}\left\{u(t-t_0)\right\} = \int_0^\infty e^{-st}u(t-t_0)dt = \frac{e^{-st_0}}{s}$$

$$u(t-t_0) \Leftrightarrow \frac{e^{-st_0}}{s}$$

$$u(t) \Leftrightarrow \frac{1}{s}$$