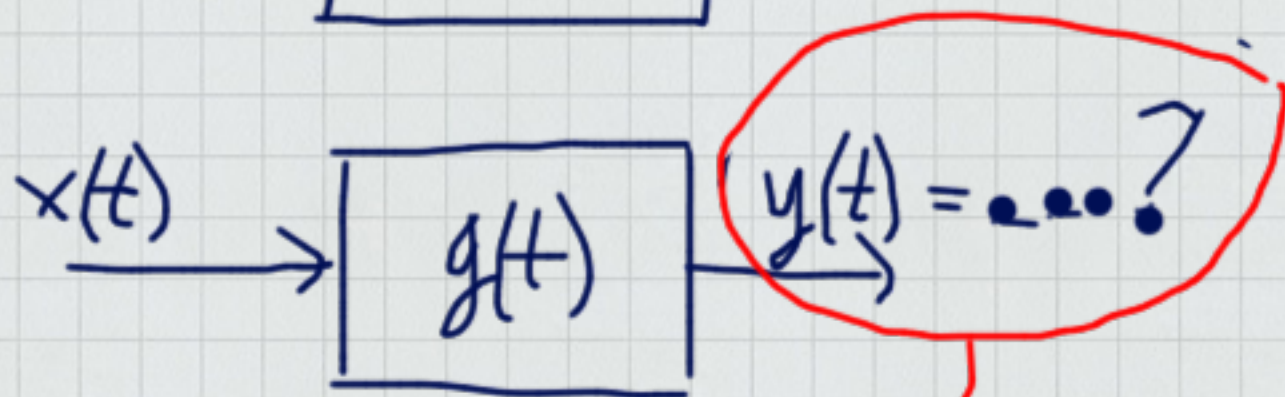
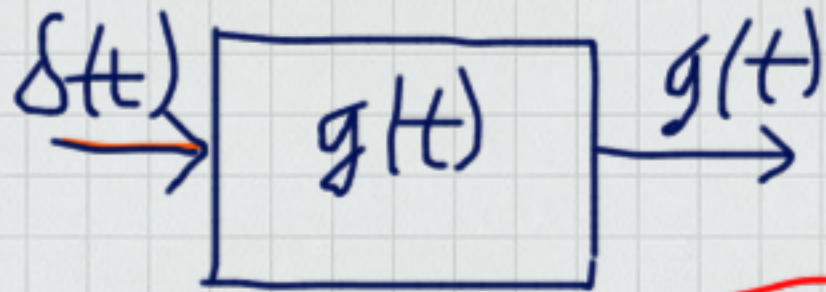


* Transformasi Laplace



$$x(t) \neq \delta(t) \longrightarrow y(t) \neq g(t)$$

dengan integral KONVOLUSI:

$$y(t) = \int_{-\infty}^{\infty} g(t-\tau) x(\tau) d\tau$$

$$= \int_{-\infty}^{\infty} g(\tau) x(t-\tau) d\tau$$

~~$$y(t) = g(t) \cdot x(t)$$~~

$g(t) \cdot x(t)$ TIDAK SAH

$y(t)$ adalah KONVOLUSI
antara $g(t)$ dan $x(t)$,

τ = "tau"

"dihindari"
dengan
Transf. Laplace