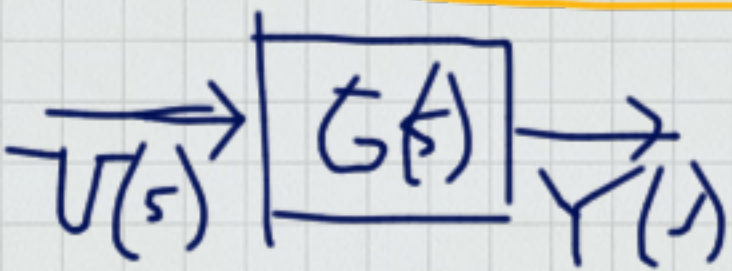


* Sistem Order Pertama



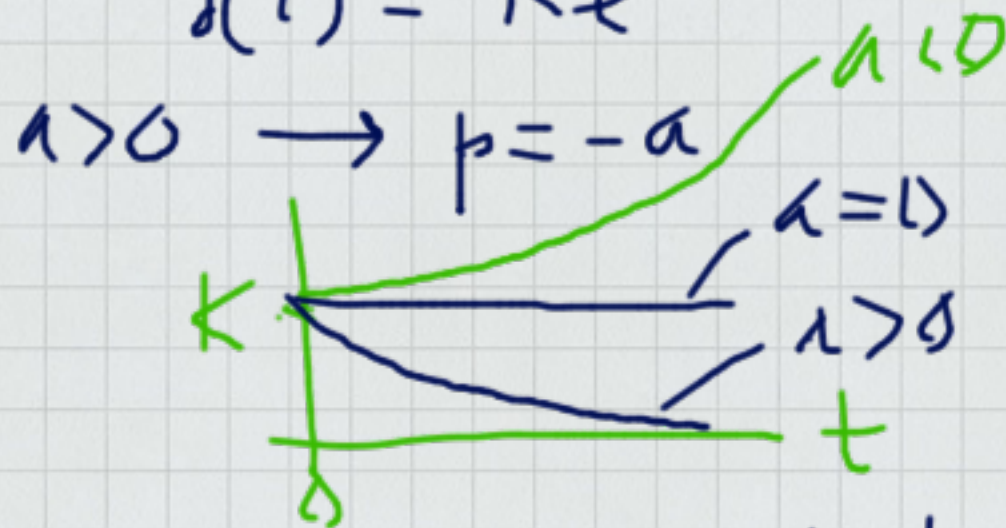
$$G(s) = \frac{K}{s+a}$$

$$u(t) = \delta(t)$$

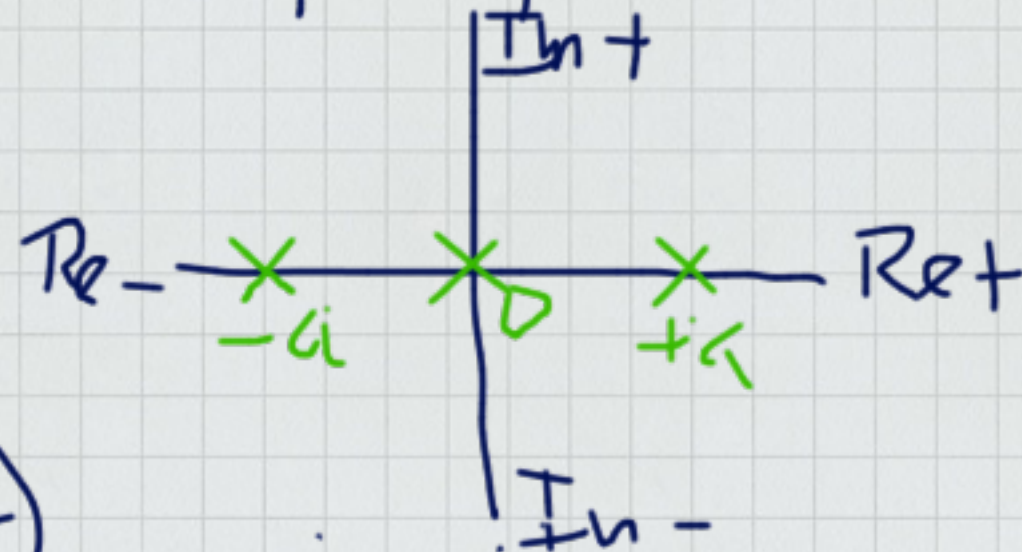
$$U(s) = 1$$

$$Y(s) = G(s) = \frac{K}{s+a}$$

Tanggapan denrit $y(t) = \mathcal{L}^{-1} Y(s) = \mathcal{L}^{-1} \frac{K}{s+a}$
 $y(t) = K e^{-at}$
 - "Simple-pole"



$a = 0 \rightarrow p = 0$ (integrator)
 $a < 0 \rightarrow p = +a$



KE SIMPULAN $\Rightarrow$

TARGET FINAL
 10/12/15
 Materi MID +
 Bab IV