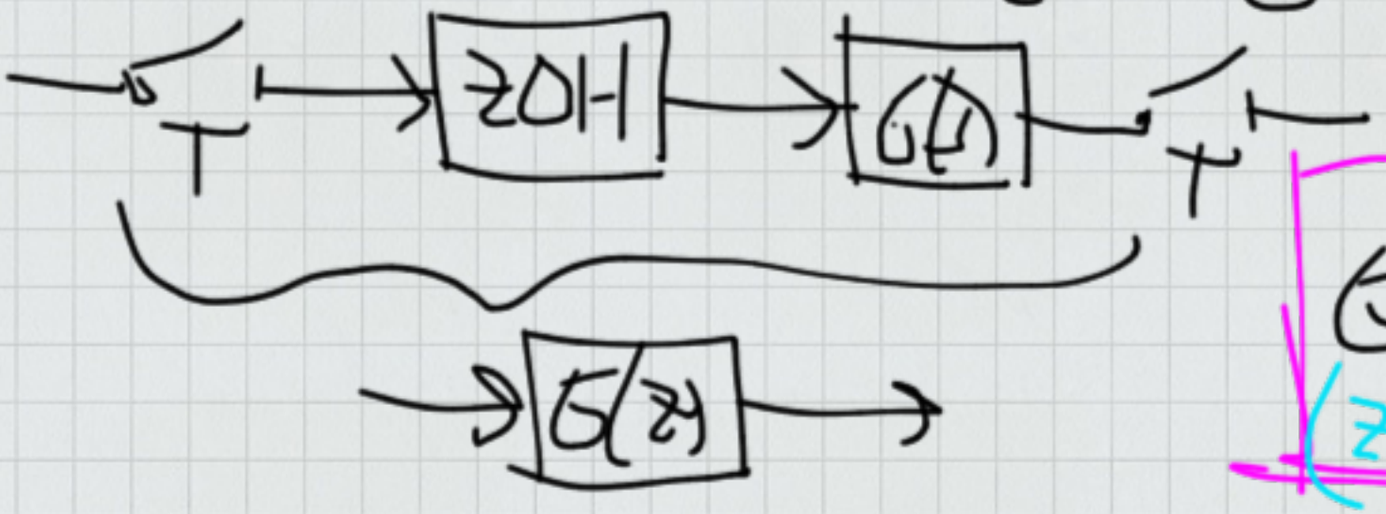
Transf Z dari gabungan ZOH dan G(s):

$$Z(ZOH)G(s) = Z\frac{1}{s}(1-e^{-Ts})G(s)$$

$$= Z(1-e^{-Ts})\frac{G(s)}{s}$$

$$= (1-z^{-1})Z\frac{G(s)}{s}$$

$$= \frac{z-1}{z}Z\frac{G(s)}{s}$$



$$G(z) = \frac{z-1}{z}Z\frac{G(s)}{s}$$

(ZOH)