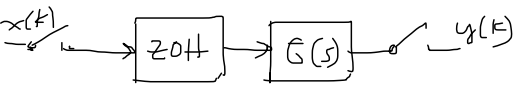


$$[u(t) - u(t-T)] = \frac{1}{s} (1 - e^{-Ts})$$



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

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

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

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

Definieren

$$p^{-T_s} - 1$$

