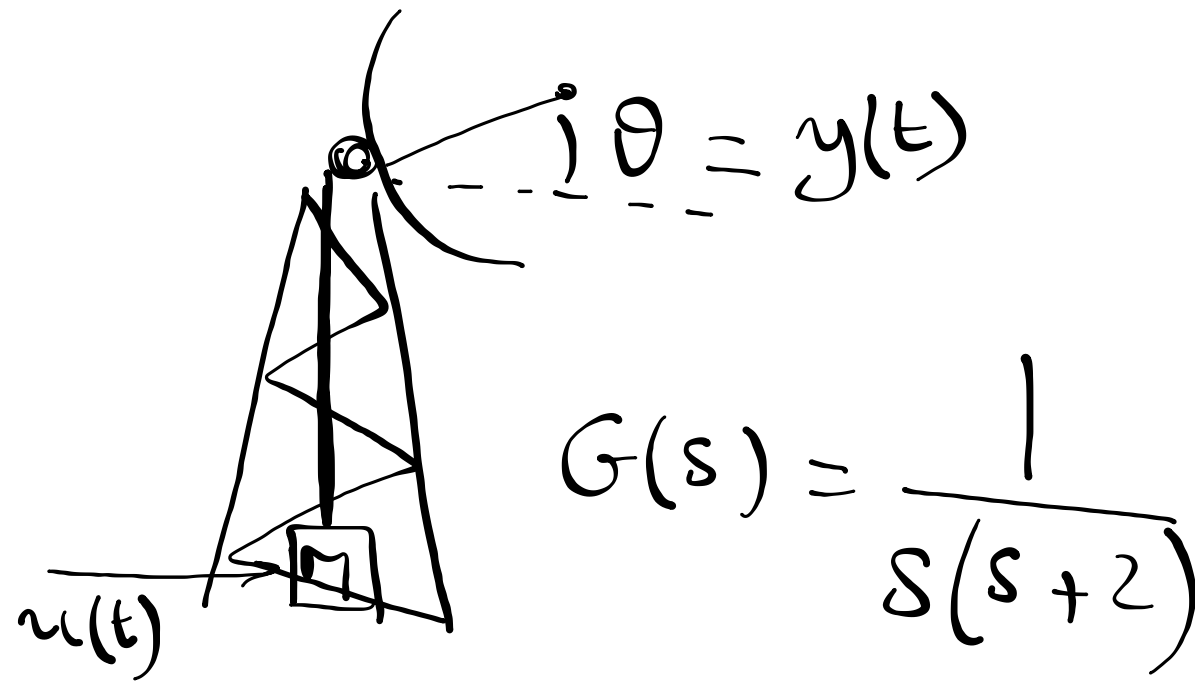
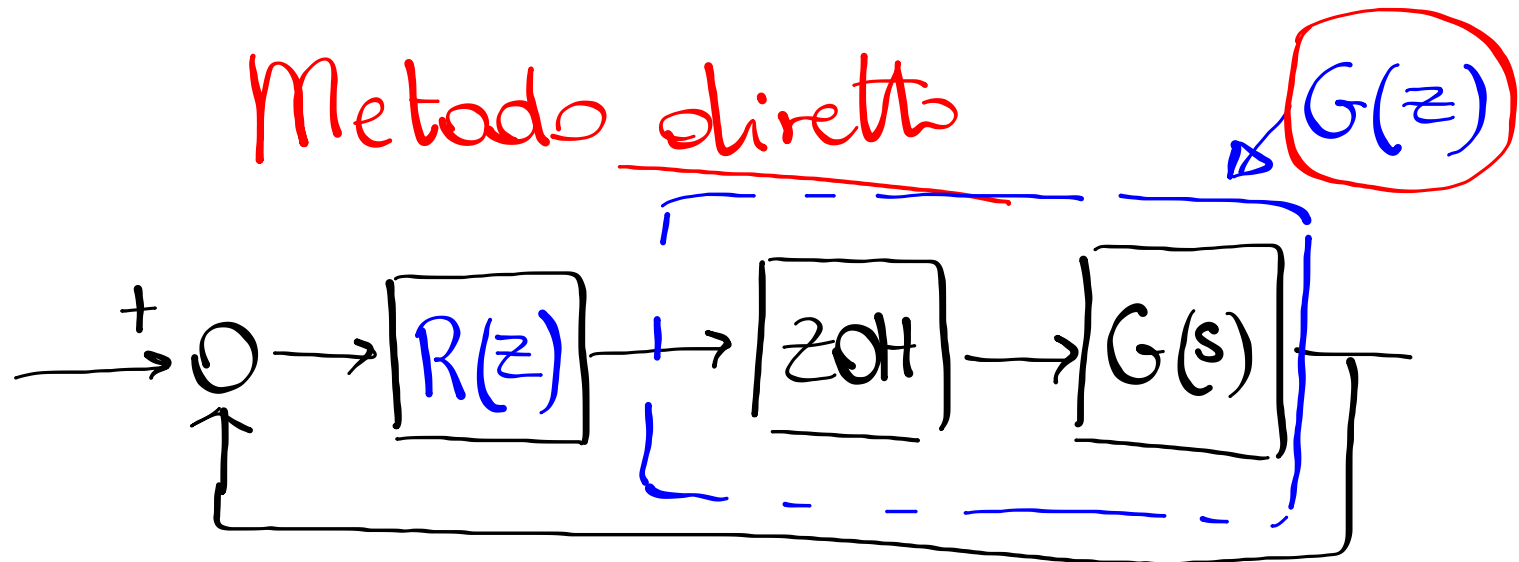




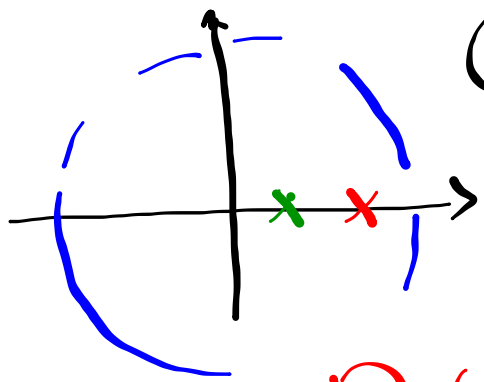
Metodo diretto



non richiede la discretizzazione del
regolatore

1) F.d.t equivalente a TD di $G(s)$
 $G(z)$ (metodo 'HE')

2) Luogo delle radici a
tempo discreto



$$G(z) = \frac{z + 0.9672}{(z-1)(z - 0.9048)}$$

polo lento

$$R(z) = K \frac{z - 0.9048}{z - 0.44}$$

polo veloce

Conciliazione polo-zero
e sostituzione con polo + veloce

$$R(z) = 103 \frac{z - 0.9048}{z - 0.44}$$

$$\begin{cases} T_d \approx 0.7 \text{ s.} \\ S\% \approx 15.77\% \end{cases}$$