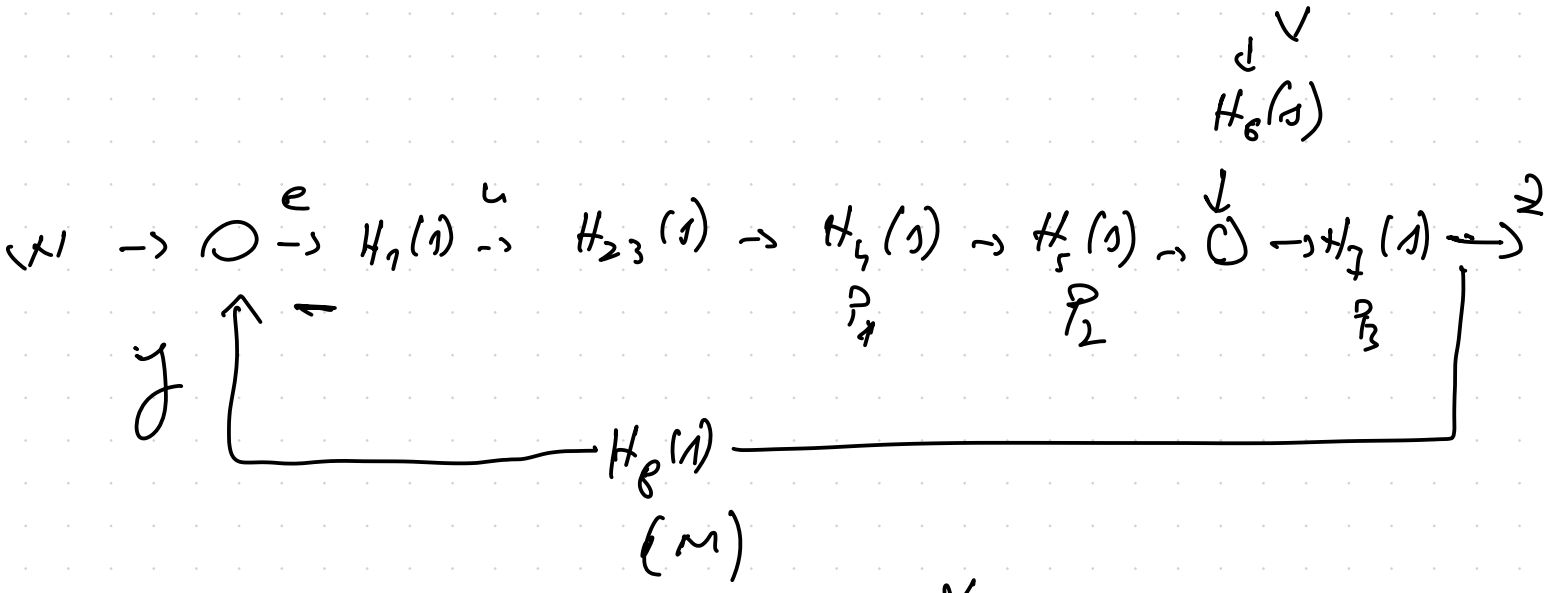
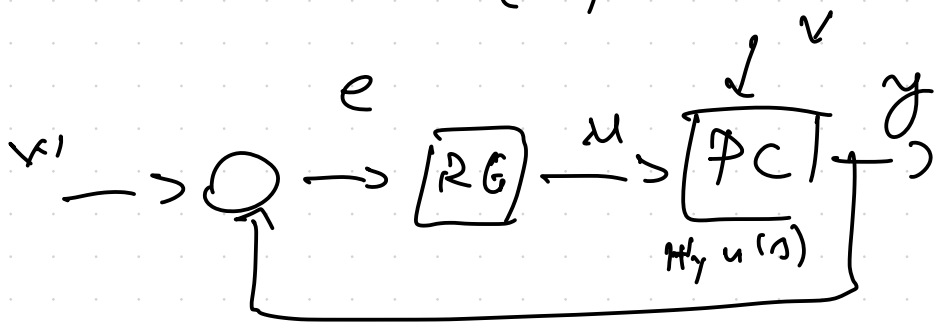




PC: u → [PC] → y

V

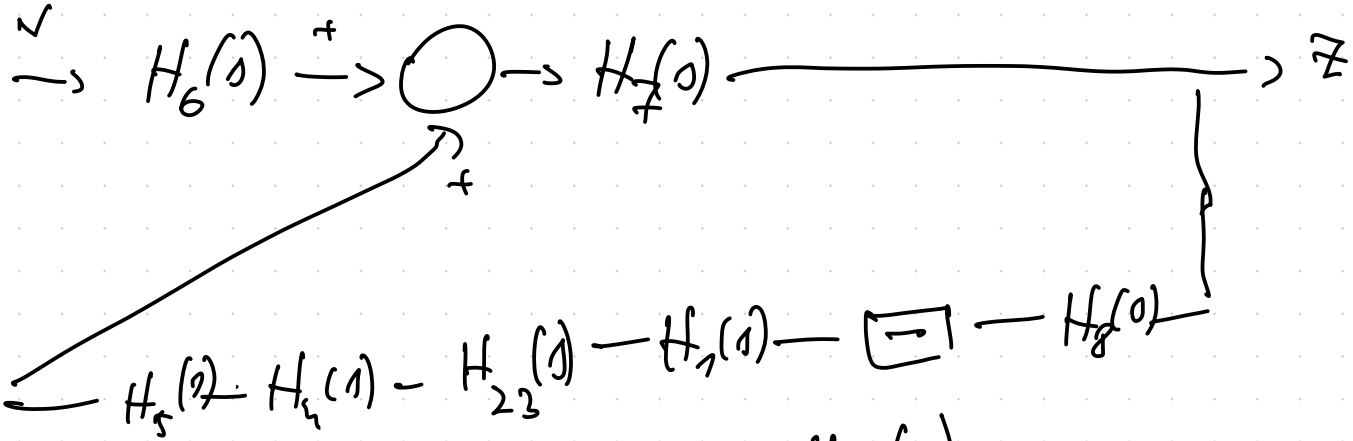
$$\begin{cases} H_{y\,u}(s) = \dfrac{y(s)}{u(s)}\Big|_{v=0} \\ H_{y\,v}(1) \end{cases}$$

SRA: x, v → [SRA] → z (y)

$$\begin{cases} H_{z\,x1}(1) \\ H_{z\,v}(1) \\ H_{y\,w}(1) \\ H_{y\,v}(1) \end{cases}$$

$$H_{zw}(s) = \frac{H_1 \cdot H_{23}(s) \cdot H_4(s) \cdot H_5(s) H_7(s)}{1 + \text{...} H_8(s)}$$

$$H_{zv}(s) = \left.\frac{Z(s)}{V(s)}\right|_{W=0}$$



$$H_{zv}(s) = H_6(s) \cdot \frac{H_7(s)}{1 - H_7(s)\left[(-1) H_8(s) H_1(s) H_{23}(s) H_4(s) H_5(s)\right]}$$

$$H_{yu}(s) = \left.\frac{y(s)}{u(s)}\right|_{v=0}$$

$u \rightarrow H_{23}(s) \rightarrow H_4(s) \rightarrow H_5(s) \rightarrow H_7(s) \rightarrow H_8(s) \rightarrow y$

Fct. transfer PC → SERIE

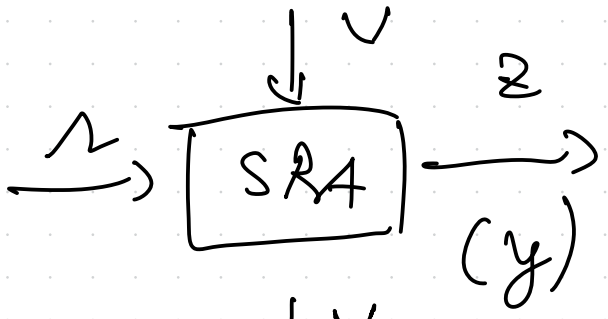
NU REACȚIE

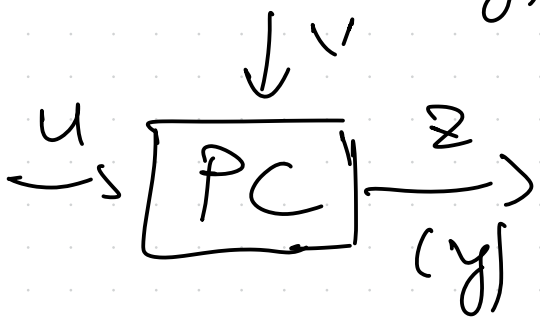
$$H_{y v}^{(1)} = \frac{y(1)}{v(1)}\Big|_{u=0}$$

$$v \to H_6(1) \to H_7(1) \to H_8(1) \xrightarrow{y}$$

Temo: cealaltă schemă

SRA:





PC: $H_{y u}^{(1)} = \Big|_{v=0}$ $H_{y v}(1) \Big| u=0$

SRA: $H_{z u}^{(1)}\Big|_{v=0}$ $H_{z v}^{(1)}\Big|_{u=0}$ (-)

$H_{y u}^{(1)}\Big|_{v=0}$ $H_{y v}^{(1)}\Big|_{u=0}$ (-)