

$PC: \xrightarrow{u} [PC] \xrightarrow{y}$

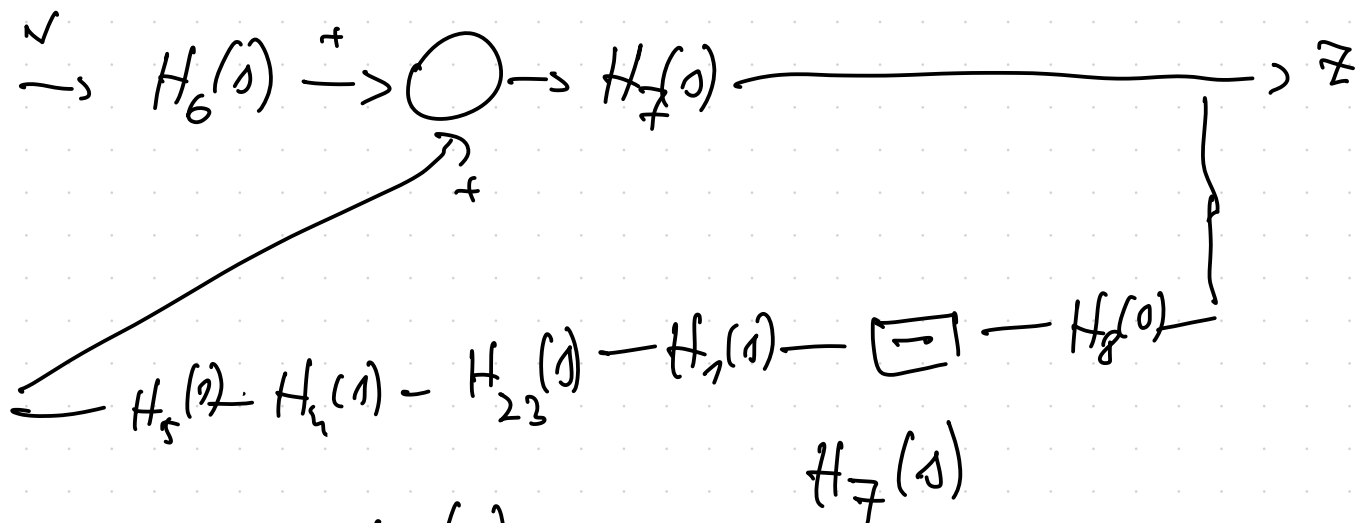
$$\left. \begin{aligned} H_{yu}(s) &= \frac{y(s)}{u(s)} \Big|_{v=0} \\ H_{yv}(s) \end{aligned} \right\}$$

$SRA: \xrightarrow{u} [SRA] \xrightarrow{z} y$

$$\left\{ \begin{aligned} H_{zx1}(s) \\ H_{zv}(s) \\ H_{zy1}(s) \\ H_{yv}(s) \end{aligned} \right.$$

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

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



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

$$H_{YU}(s) = \left. \frac{Y(s)}{U(s)} \right|_{W=0}$$

$$U \rightarrow H_{23}(s) \rightarrow H_4(s) \rightarrow H_5(s) \rightarrow H_7(s) \rightarrow H_8(s) \rightarrow Y$$

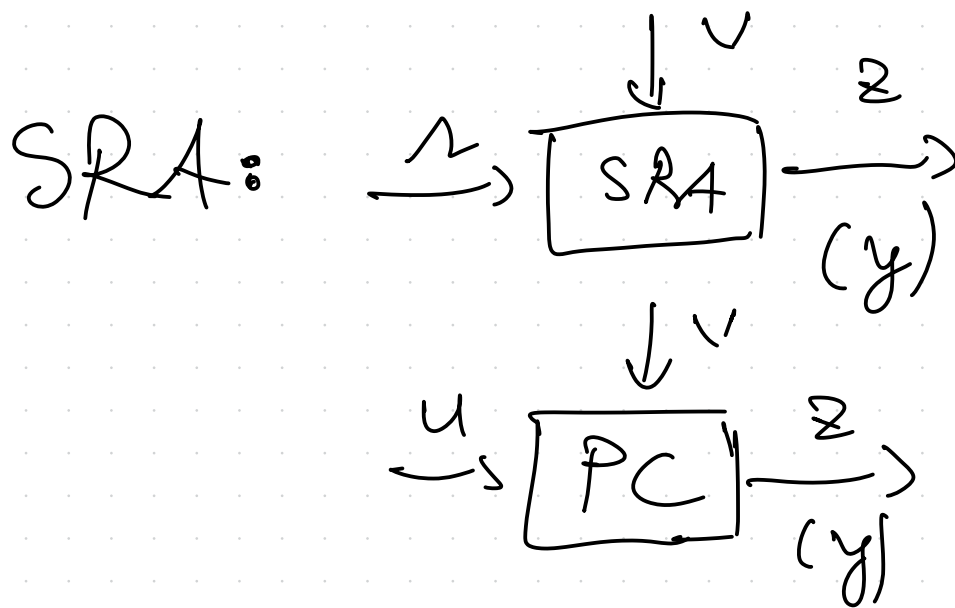
Fct. transfer PC \rightarrow SERIE

NU REACTIE

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

$$v \rightarrow H_6^{(1)} \rightarrow H_7^{(1)} \rightarrow H_8^{(1)} \rightarrow y$$

Temo: cealaltă schemă



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

SRA:

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

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