

Pers. Keadaan :

$$\hat{x} = T x$$

hasil Transf. SIMILARITAS

Pers. Keluaran :

$$\hat{x}_1 : C0$$

$$\hat{x}_2 : \bar{C}0$$

$$\hat{x}_3 : 00$$

$$\hat{x}_4 : 00$$

$$\dot{\hat{x}}_1 = -\hat{x}_1 + u$$

$$\dot{\hat{x}}_2 = -2\hat{x}_2$$

$$\dot{\hat{x}}_3 = -3\hat{x}_3 + u$$

$$\dot{\hat{x}}_4 = -4\hat{x}_4$$

$$\left. \begin{array}{l} \dot{\hat{x}}_1 = -\hat{x}_1 + u \\ \dot{\hat{x}}_2 = -2\hat{x}_2 \\ \dot{\hat{x}}_3 = -3\hat{x}_3 + u \\ \dot{\hat{x}}_4 = -4\hat{x}_4 \end{array} \right\} [A], [B]$$

$$y = \hat{x}_1 + \hat{x}_2$$

$$[\hat{C}], [\hat{D}]$$

→ Bagan Kotak →
nilai-eigen A dan $\hat{A}$
 $\lambda = \begin{bmatrix} -1 \\ -2 \\ -3 \\ -4 \end{bmatrix} \Rightarrow$ Kendali an stabil