

$$H(s) = \frac{y(s)}{u(s)} \Rightarrow y(s) = H(s) \cdot u(s)$$

$$(y)^{4}m(z)^{2} = (1)^{4}m(z)^{2}m(z) = (1)^{4}m(z)^{2} = (1)^{4$$

$$l_{2}(s) = m(s) - y_{1}(s) = 25 \, \mu_{m}(s) - y_{1}(s)$$

$$e_{2}(t) = 25 \, \mu_{m}(t) - 0.8 \, t(t) = identice$$

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=> 0,05
$$\wedge$$
 . \wedge . \wedge

$$2(s) = \frac{1}{0(1 \cdot s)} \cdot e_1(s) = \frac{10}{s} \cdot e_1(s) \longrightarrow 5 \cdot 2(s) = 10 \cdot e_1(s)$$

$$\begin{bmatrix} \frac{1}{12} \\ \frac{1}{12$$

$$\frac{1}{2}(t) = 10 \cdot e_1(t) \implies \frac{1}{2}(t) = 10 \cdot e_1(t) - 10 \cdot e_1(t)$$

$$\begin{bmatrix} \dot{x_1} \\ \dot{x_2} \end{bmatrix} = \begin{bmatrix} -2 & 2 \\ 0 & -0.5 \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \end{bmatrix} + \begin{bmatrix} 0 & 40 \\ 12.5 & 0 \end{bmatrix} \begin{bmatrix} \infty \\ d \end{bmatrix}$$

$$2 = \begin{bmatrix} 1 & 0 \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \end{bmatrix}$$

$$H_{2m}(s) |_{d=0} = \frac{2(s)}{m(s)} |_{d=0} = ?$$

$$H_{2d}(s) = \frac{2(s)}{d(s)}|_{M=0}$$
 $H(s) = C(sI-A)^{-1} \cdot B = \left[H_{m2}(s) + H_{2d}(s) \right]$

$$W = \begin{bmatrix} 0 & 2+0^{1}2 \end{bmatrix} \qquad W_{+} = \begin{bmatrix} -5 & 2+0^{1}2 \end{bmatrix} \Rightarrow W_{+} = \begin{bmatrix} 0 & 2+5 \\ 2+5 & 0 \end{bmatrix} \Rightarrow W_{+} = \begin{bmatrix} 0 & 2+5 \\ 0 & 2+5 \end{bmatrix}$$

$$M_{-1} = \frac{(1+0/22)(1+5e)}{1}$$

$$\frac{1}{(1+0.2s)(1+2s)} = \frac{1}{(1+0.2s)(1+2s)} = \frac{1}{(1+0.2s)(1+2s)$$

$$2 \times_{2}(t) = -\times_{2}(t) + 1,25 \text{ m}(t) / 2$$

 $\times_{2}(t) = -0.5 \times_{2}(t) + 0.625 \text{ m}(t) \Rightarrow \text{diffra} \text{ de emint } 7$

$$X_{2}(5) \cdot o_{15}(1+25) = 12,5 \text{ m(s)} \Rightarrow X_{2}(5) = \frac{12,5}{o_{15}(1+25)} = \frac{25}{(1+25)} = \frac{12}{(1+25)} =$$

