Pojuz (a dojuz)

$$\dot{\beta}(\xi) + c \beta(\xi) = c \beta(\beta) = i \beta \alpha$$

CHR:
$$S+Q=Q$$

$$S = -\alpha$$

kovene.
$$S_1 = -\alpha$$

 $f.v.$ $\int_{-1}^{1} f(t) = C_1 e^{-\alpha t}$
 $VS.v.$ $\int_{-1}^{1} f(t) = C_1 e^{-\alpha t}$

11 konkretne c

$$\ddot{\partial} + 6\dot{\partial} + 5\partial = 0$$

$$\dot{\partial} (0) = 7$$

$$\dot{\partial} (0) = 0$$

c+1R:
$$S^{2}+6S+5=0$$

korene: $S_{12}^{2}=\frac{-5+\sqrt{5^{2}-4ac}}{2a}$

$$f.V.$$
 $f(t) = e$ $f(t) = e$
 $V.V.$ $f(t) = c_1 e^{t} + c_2 e^{5t}$

$$\dot{\gamma}(t) = c_1 e^{-t} (-1) + c_2 e^{-5t} (-5)$$

 $\dot{\gamma}(0) = c_1 - 5 c_2 = 0$

$$-7+c_{1}-5c_{2}=0$$
 $-4c_{2}=7$
 $c_{2}=-\frac{7}{4}$

$$c_1 = 7 + \frac{7}{4} = \frac{28}{4} + \frac{7}{4} = \frac{35}{4}$$

$$\int_{\Omega} (\epsilon) + \alpha \, \mathcal{J}(\epsilon) = \emptyset \qquad \mathcal{J}(\mathcal{D}) = \emptyset.$$

$$\mathcal{J}^{(4)} \longrightarrow \mathcal{I}^{(5)} - \mathcal{J}^{(a)}$$

$$e \longrightarrow \frac{1}{S+1}$$

$$\gamma(t) = \gamma_0 e^{-\alpha t}$$

$$S = -6$$
 $1 - 500 + 200 + 200 = B(-5+2)$

$$B = \frac{1 + 200 + 200}{-6+20}$$

$$\frac{A}{d+2} + \frac{A}{\rho+2} = (1)$$

$$S(SY(S)-3)+2+4(SY(S)-3)+3Y(S) = \frac{1}{S}$$

$$S^{2}(Y(S)-3S+2+4SY(S)-12+3Y(S) = \frac{1}{S}$$

$$Y(S)(S^{2}+4S+3) -3S+2-12 = \frac{1}{S}$$

$$Y(S) = \frac{3s+10}{(12+4c)} + \frac{1}{(12+4c)}$$

$$Y(S) = \frac{2}{S^{2}+4s+3} + \frac{1}{S} + \frac{1}{S^{2}+4s+3}$$

$$(S+1)(S+3) + \frac{1}{S} + \frac{1}{S$$

$$\frac{2}{2}$$
 $\frac{1}{2}$ $\frac{1}$

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\sqrt{alsie} & \sqrt{lohe} & \times = \begin{bmatrix} x_1 \\ x_2 \end{bmatrix} & \times \begin{bmatrix} x_1 \\ x_2 \end{bmatrix} \\
\times = A \times + b \cdot M & \times \\
\chi = C^T \times & \times \\
\end{array}$$

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$$X = \begin{bmatrix} x_1 \\ x_2 \end{bmatrix} \quad \begin{array}{c} x = \begin{bmatrix} x_1 \\ x_2 \end{bmatrix} \\ \begin{array}{c} x \\ x_1 \\ \vdots \\ x_n \end{array} = \begin{bmatrix} 0 & 1 \\ -\alpha_s - \alpha_1 \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \end{bmatrix} + \begin{bmatrix} 0 \\ 1 \end{bmatrix} A$$