Pn:
$$|X_n(t)| = e(t) - \frac{x_n(t)}{T_n} = \frac{x_n(t)}{T_n}$$

MM isi $|X_n(t)| = c_n \left[x_n(t) + e(t) \right]$

stare output stari

$$\begin{bmatrix} x_1 \end{bmatrix} = \begin{bmatrix} \frac{1}{7}, -\frac{1}{7} \end{bmatrix} \begin{bmatrix} e(t) \\ x_1(t) \end{bmatrix}$$

$$\begin{bmatrix} u \end{bmatrix} = \begin{bmatrix} c_1 \end{bmatrix} \begin{bmatrix} e(t) \\ x_2(t) \end{bmatrix}$$

$$\begin{bmatrix} x_1(t) \end{bmatrix}$$

$$3 \times (3) = \frac{e(3)}{T_1} - \frac{x_1(3)}{T_2}$$

$$U(4) = C_1 \times_1(3) + C_1 e(3)$$

$$\left(S + \frac{1}{\overline{J_2}} \right) \chi_{\eta}(n) = \frac{e(n)}{\overline{J_{\eta}}}$$

$$e(n) = \overline{J_{\eta}} \left(s + \frac{1}{\overline{J_2}} \right) \chi_{\eta}(n)$$

$$U(s) = C_1 \times_1(s) + \overline{I_1}(s + \frac{1}{\overline{I_2}}) \times_1(s)$$

$$U(s) = (C_1 + \overline{I_1}s + \overline{\overline{I_2}}) \times_1(s)$$

(i)
$$I = \frac{ET - i}{ki}$$
 $U_{\infty} = 0$
 $V_{\infty} = Ct$

(2) $V_{\infty} = Ct$
 $V_{\infty} = 0$

(3) $V_{\infty} = 0$

(4) $V_{\infty} = 0$

(5) $V_{\infty} = 0$

(6) $V_{\infty} = 0$

(7) $V_{\infty} = 0$

(8) $V_{\infty} = 0$

(9) $V_{\infty} = 0$

(10) $V_{\infty} = 0$

(11) $V_{\infty} = 0$

(12) $V_{\infty} = 0$

(13) $V_{\infty} = 0$

(14) $V_{\infty} = 0$

(14) $V_{\infty} = 0$

(15) $V_{\infty} = 0$

(16) $V_{\infty} = 0$

(17) $V_{\infty} = 0$

(17) $V_{\infty} = 0$

(18) $V_{\infty} = 0$

(19) $V_{\infty} = 0$

(19) $V_{\infty} = 0$

(19) $V_{\infty} = 0$

(20) $V_{\infty} = 0$

(31) $V_{\infty} = 0$

(41) $V_{\infty} = 0$

(51) $V_{\infty} = 0$

(61) $V_{\infty} = 0$

(70) V

Statesm natural Partificial Of (y): $\frac{y}{\sqrt{2}}$ for $\sqrt{(z)} = \frac{2\pi}{\sqrt{2}}$ (2) $f(y) = \frac{K_N(y)}{1+k_0}$ sou $f(z) = \frac{k_N(z)}{1+k_0}$ -) scot in Jet. de intrane (1) RG-20T $e_{\infty} = \sqrt{\infty} = 7 - \sqrt{\infty}$ Y= 7-e= Uc = 2. Co = 5,5740 U1= 1. Uc==2e==5,5746 Mr= 0,8 U4 = 1,6 e = 4,4597 $P_{\infty} = m_{\infty} - l_{\infty} = 1,6 e_{\infty} - 1,25 =$ Z= 1,25 P= 2em - 1,5625 $\frac{1}{7} = \frac{1,05 \cdot 2}{2} = \frac{2,1}{2} = \frac{1,6406}{2}$ $\frac{1}{7} = \frac{2}{7} = \frac{2}{7} = \frac{2}{7}$

Comp. Integratione ->
$$S_n^2 = 0$$

-rieg. Cu comp. I
 II $K_0 = K_p \cdot K_{pc}$
 $K_p = 2$
 $(A=0)$
 $K_{pc} = 1.0,8.1,25.1,05.1,05$
 $U_c \rightarrow Y$
 $V_c \rightarrow Y$
 $V_c \rightarrow Y$
 $V_c \rightarrow Y$
 $V_c \rightarrow Y$

$$K_N(y) = -1,25 \cdot 1,05 = -1,3125$$

 $K_N(z) = -1,25$

$$\begin{cases} f_{n}(\gamma) = \frac{-1,3125}{3,1} = -0,4232 \\ m(2) = \frac{-425}{3,1} = -0,4032 \end{cases}$$