miercuri, 18 decembrie 2024 08:55

$$\lambda_{1}(t) = \frac{e(t)}{T_{1}} - \frac{x_{1}(t)}{T_{2}} \longrightarrow \lambda_{1}(t) = \frac{e(s)}{T_{1}} - \frac{x_{1}(s)}{T_{2}} \longrightarrow \lambda_{1}(t) = c_{1}[x_{1}(t) + e(t)]$$

$$\mu(t) = c_{1}[x_{1}(t) + e(t)]$$

$$\mu(s) = c_{1}[x_{1}(s) + e(s)]$$

$$H(s) = \frac{u(s)}{e(s)}$$

$$\frac{1}{y_{\infty}} = 0$$

$$\frac{1}{y_{\infty}$$

$$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} = \frac{$$

me intookeem 1

si objergions!

tot

= statism matural (1) 
$$f_{\mu}(y) = \frac{y_{\infty}}{v_{\infty}}|_{v_{\infty}=0}$$
  
(2)  $f_{\mu}(y) = \frac{k_{\mu}(y)}{1+k_{0}}$  san  $f_{\mu}(z) = \frac{k_{\mu}(z)}{1+k_{0}}$ 

$$M_{C\infty} = 2 \cdot e_{\infty} = 5,5716$$

In locain s a 0 in HeG sa gasin Kp

$$PT_1: H_{PT_1} = \frac{k}{1+sT}$$

$$M_{1\infty} = \frac{k}{1 + sT}$$

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$$PT_1: m_{\infty} = 0.8 \cdot \mu_{1\infty} = 1.6 e_{\infty} = 4.4597$$

Sumator: 
$$p_{\infty} = m_{\infty} - V_{\infty} = 1,6e - 1,25 = 3,2097$$

ET-7: 
$$y_{\infty} = 1.05 \cdot x_{\infty} = 2.1e_{\infty} - 1.6406$$

$$y_{\infty} = 4 - e_{\infty} = 4.2127$$

$$7 - e_{\infty} = 21e_{\infty} - 1,6404$$
  
 $3,1e_{\infty} = 8,6404$   
 $\Rightarrow e_{\infty} = 2,7873$ 

$$RG-Pi$$
:  $e_{\infty}=0$ 

$$e_{\infty}=W_{\infty}-y_{\infty}$$

$$\int_{-\infty}^{\infty}y_{\infty}^{\infty}=W_{\infty}=7$$

$$m_{\infty} = 0.8 \cdot M_{1\infty} - 0.8 M_{c_{\infty}} = 6.5833$$

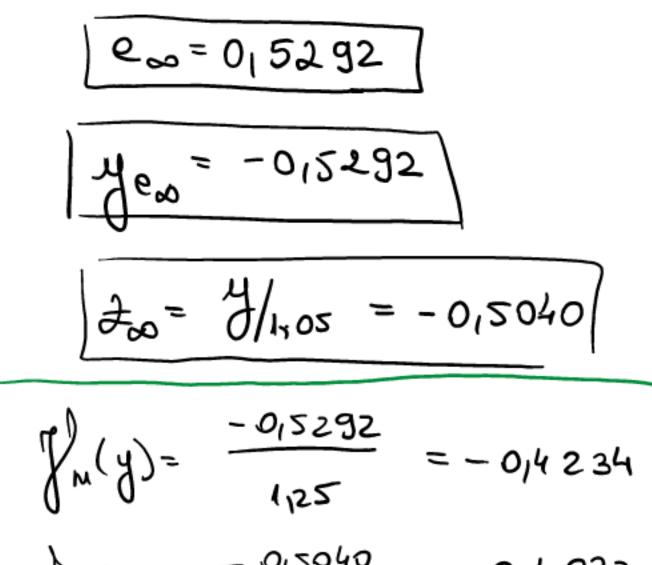
$$p_{\infty} = m_{\infty} - v_{\infty} = 0.8 M_{c_{\infty}} - 1.25 = 5.33333$$

$$a_{\infty} = 1,25 p_{\infty} = \mu_{c_{\infty}} - 1,5625 = 6,6667$$

$$1,05 \, \mu_{co} = 8,6406$$

$$\mu_{co} = 8,2291$$

-3,1e==-1,6406



$$\int_{M}^{M}(y) = \frac{-0.5292}{1.25} = -0.4234$$

$$\int_{M}^{M}(z) = \frac{-0.5040}{1.25} = -0.4032$$

