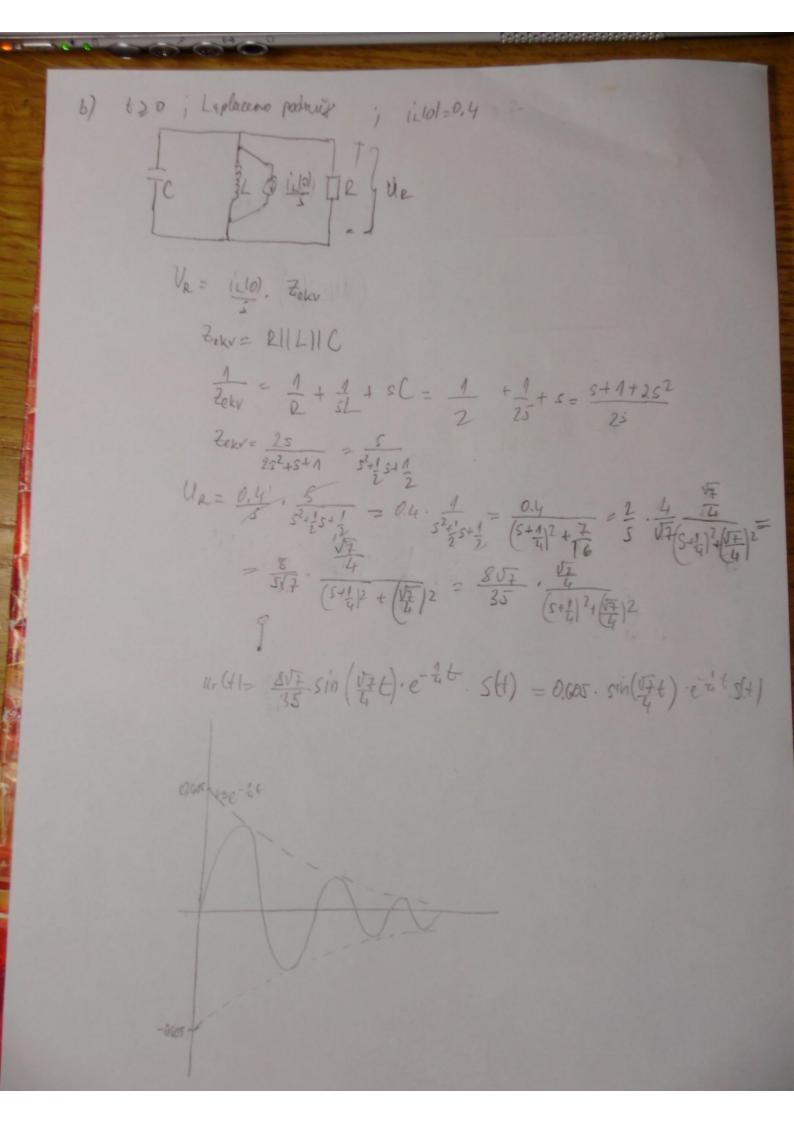
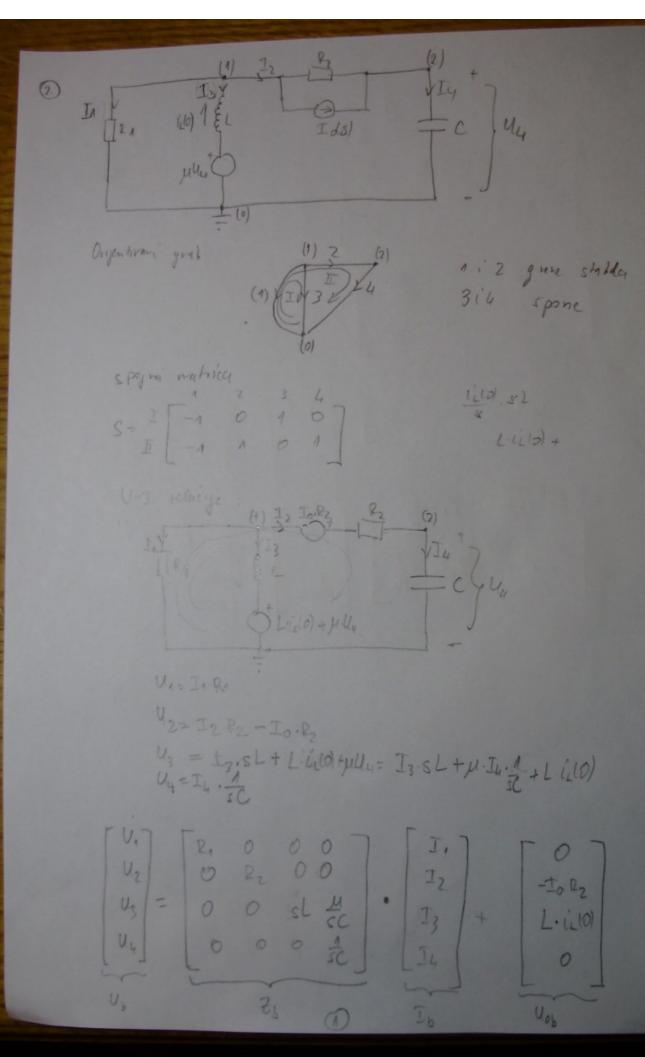
(a) 
$$f_0(t) = 2\cos(2t)$$
  
 $f_0(t) = 2\cos(2t)$   
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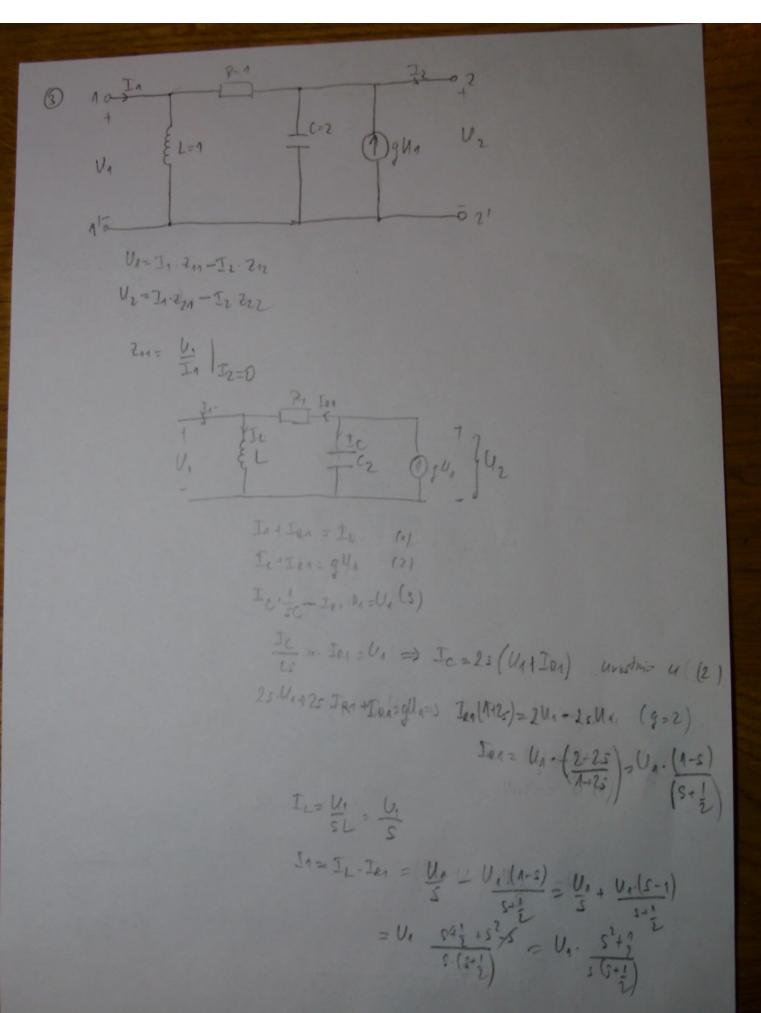
Trasimo (10) lmamo strypio delilo:

20,894 [-63,435° V[18] = 0,894 · (08 (2t-63,435°) (10) = 0,894 · (08 (-63,435°) = 0.4



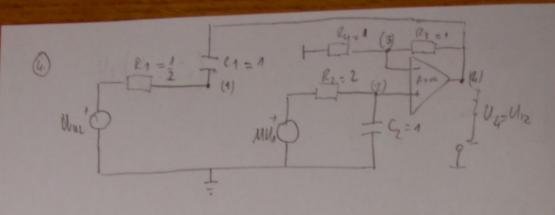


$$\begin{aligned}
Z_{p} &= S Z_{0} S^{T} = \begin{bmatrix} -1 & 0 & 1 & 0 \\ -1 & 1 & 0 & 1 \end{bmatrix} \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & 0 & 0 \\ 0 & 0 & \frac{1}{2} & \frac{1}{2} \\ 0 & 0 & \frac{1}{2} & \frac{1}{2} \end{bmatrix} \begin{bmatrix} -1 & -1 \\ 0 & 1 \end{bmatrix} = \\
&= \begin{bmatrix} -2 & 0 & SL & \frac{1}{2} \\ -2 & R_{2} & 0 & \frac{1}{2} & \frac{1}{2} \\ -2 & R_{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix} \begin{bmatrix} -1 & -1 \\ 0 & 1 \end{bmatrix} = \\
&= \begin{bmatrix} 2 & 1 + SL & R_{2} + \frac{1}{2} \\ 2 & 1 & 2 + \frac{1}{2} & \frac{1}{2} \end{bmatrix} \begin{bmatrix} -1 & -1 \\ 0 & 1 \end{bmatrix} = \\
&= \begin{bmatrix} 2 & 1 + SL & R_{2} + \frac{1}{2} \\ 2 & 1 & -1 & 0 & -1 \end{bmatrix} \begin{bmatrix} -1 & -1 \\ 0 & 1 \end{bmatrix} = \\
&= \begin{bmatrix} 2 & 1 + SL & R_{2} + \frac{1}{2} \\ 1 & -1 & 0 & -1 \end{bmatrix} \begin{bmatrix} -1 & -1 \\ 1 & 0 & 1 \end{bmatrix} = \\
&= \begin{bmatrix} 2 & 1 + SL & R_{2} + \frac{1}{2} \\ 1 & -1 & 0 & -1 \end{bmatrix} \begin{bmatrix} -1 & 1 & 0 \\ 1 & 0 & 1 \end{bmatrix} = \\
&= \begin{bmatrix} -1 & 1 & 0 \\ 1 & -1 & 0 & -1 \end{bmatrix} \begin{bmatrix} -1 & 0 & -1 \\ 1 & 0 & 1 \end{bmatrix} \begin{bmatrix} -1 & 0 & -1 \\ 1 & 0 & 2 \end{bmatrix} = \begin{bmatrix} -1 & 1 & 0 \\ 1 & 0 & 2 \end{bmatrix}$$



$$\begin{aligned} z_{11} &= \frac{U_{1}}{J_{1}} \Big|_{J_{1}} = \frac{U_{1}}{J_{1}} \Big|_{S^{2} \frac{1}{2}} \\ &= \frac{S \cdot \left(St_{1}^{2}\right)}{S^{2} \cdot \frac{1}{2}} \\ &= \frac{U_{2}}{J_{1}} \Big|_{J_{2}} = \frac{1}{2} \Big( \frac{S^{2} \cdot \frac{1}{2}}{2S} \Big) - \frac{U_{2} \cdot J_{2}}{J_{2}} \Big) \\ &= \frac{U_{1} \cdot J_{2}}{J_{2}} \Big|_{J_{2}} = \frac{1}{2} \Big( \frac{U_{1} \cdot J_{2}}{J_{2}} \Big) - \frac{U_{2} \cdot J_{2}}{J_{2}} \Big) - \frac{U_{2} \cdot J_{2}}{S^{2} \cdot \frac{1}{2}} \Big|_{J_{2}} + \frac{S^{2} \cdot J_{2} \cdot J_{2}}{S^{2} \cdot J_{2}} \Big|_{J_{2}} \\ &= \frac{U_{1} \cdot S^{2} \cdot \frac{1}{2} \cdot J_{2}}{S^{2} \cdot J_{2}} \Big|_{J_{2}} + \frac{1}{2} \frac{J_{2}}{J_{2}} \Big|_{J_{2}} \\ &= \frac{U_{1} \cdot S^{2} \cdot J_{2} \cdot J_{2}}{S^{2} \cdot J_{2}} \Big|_{J_{2}} + \frac{1}{2} \frac{J_{2}}{J_{2}} \Big|_{J_{2}} \\ &= \frac{1}{2} \frac{J_{2} \cdot J_{2}}{J_{2}} \Big|_{J_{2}} \Big|_{J_{2}}$$

- a) budust do je zort zza, četvropel nije sempratora zbog zaming shujnje revora).
- b) 2603 241 tre attempt mig someticion.



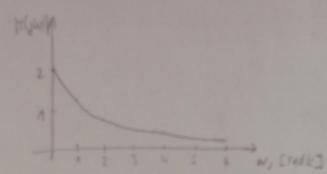
(e) 
$$u_2 \cdot \left(\frac{1}{2} + s(2) = u \frac{u_1}{2}\right) = u_2 \left(\frac{1}{2} + s\right) = u_1$$

(3) 
$$U_3.(\frac{1}{e_1}+\frac{1}{e_3})-U_4.\frac{1}{e_3}=0$$
  $2U_3=U_4$ 

( T(yw) - 2 2 3 yw

apoldadno Deberezika kom etenstilar

IT(gw) = 2 (0-v2)2 + (2w)2



$$\frac{(0) = \frac{10}{2(0)} = \frac{2 \left[ \frac{116}{522,35 \left[ \frac{1}{1} \right] 2}}{522,35 \left[ \frac{1}{1} \right] 2}$$

$$\frac{(0,6) = 0,00383 \sin(40^5 \xi - \frac{1}{3})}{1(6)^2 + \frac{1}{2} (260)^2 \cos(40^5 \xi - \frac{1}{3})}$$

$$\frac{1(6) = -\frac{10}{20} \cdot \sin(40^5 \xi + \frac{1}{2} - \frac{1}{2} - \frac{1}{2} \cos(40^5 \xi - \frac{1}{3} - \frac{1}{2} - \frac{1}{2} \cos(40^5 \xi - \frac{1}{3} - \frac{1}{2} - \frac{1}{2} \cos(40^5 \xi - \frac{1}{2} - \frac{1}{2} - \frac{1}{2} \cos(40^5 \xi - \frac{1}{2} \cos(4$$