integral ide u djegjenje sa s

(4) -> step funkcija
$$S(t) \circ -\frac{1}{s}$$

$$\delta(t) \circ -1$$

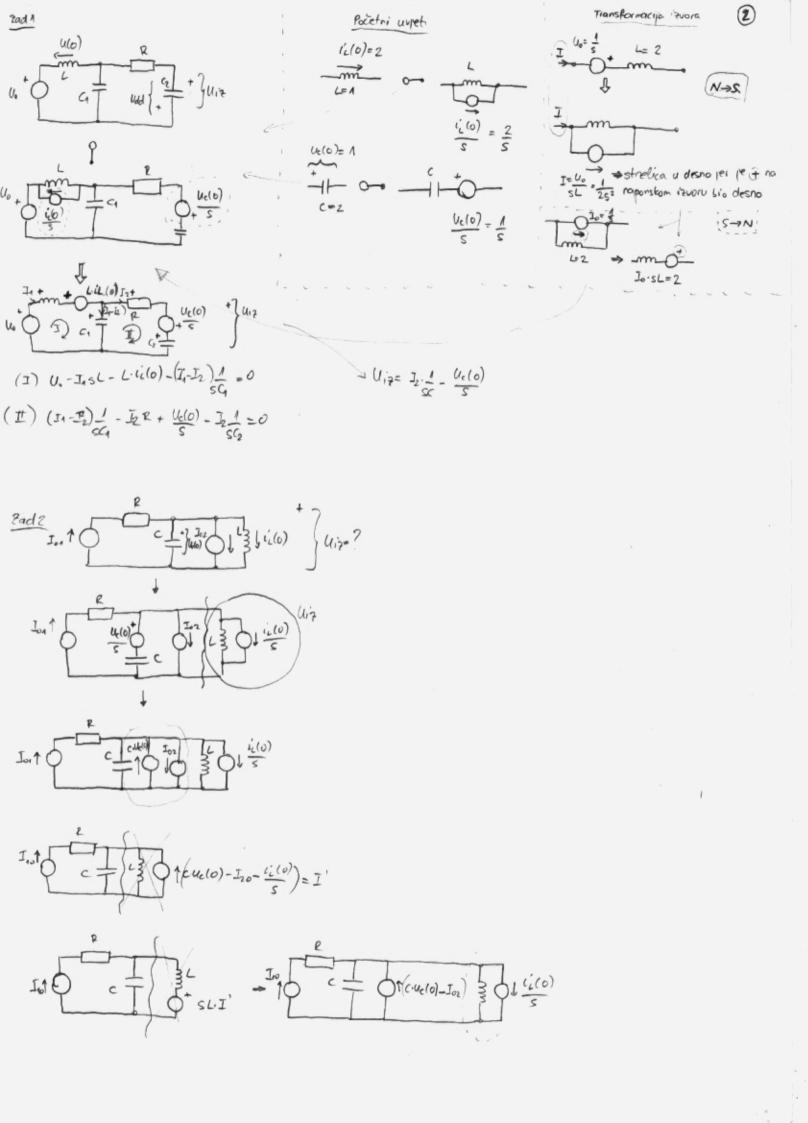
$$\delta(t) \circ -1$$

$$\delta(t) \circ -1$$

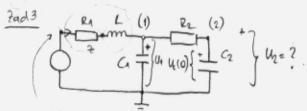
s(+)

$$I = \frac{(U_0(s) = s(t))}{R+sL+\frac{1}{sC}} = \frac{1}{sR+s^2L+\frac{1}{C}}$$

- + -> struja ulazi



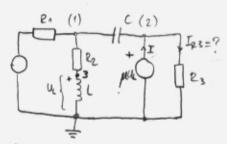
METODA CUOROVA



Preporuta: sue 12 voice pretionit u stryne

avoj Evor je konstan samo ako tažimo struju iz njega.

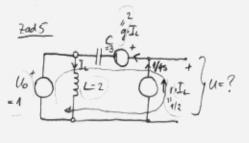
(2)
$$U_2 \cdot (\frac{1}{p_2} + sC_2) - U_1 \cdot \frac{1}{p_2} = C_2 U_c(0)$$



(1)
$$U_4 \left(\frac{1}{R_4} + \frac{1}{R_2} + SC \right) - U_2 SC - U_3 \frac{1}{R_2} = \frac{u_0}{\ell_4}$$
 (2) $U_2 \left(SC + \frac{1}{\ell_3} \right) - U_4 SC = I$

$$U_2 = U_4 - \frac{SL}{\ell_2 + SL}$$
 our nam produced above to

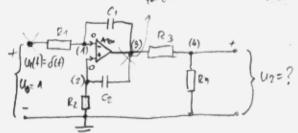
ova nam jednadába ne tieba posto ne trojimo strujú I



$$U = 1 + \frac{1}{45} \cdot \frac{1}{35} + \frac{1}{25} = \frac{125 + 1 + 6}{125} = \frac{125 + 7}{125}$$

Zad6

za čvor kají izloži iz pojacála ne pišemo jednadžbu

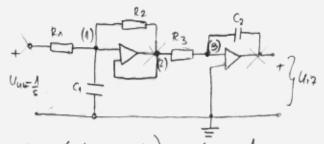


+, - no pojačalu nas ne zanima.

(1)
$$U_{1}\left(\frac{1}{p_{1}} + sC_{1}\right) - U_{0}\frac{1}{p_{2}} - U_{3}. sC_{1} = 0$$

(3) ne pišemo jednadžbu

Iednacliba pojočala: U3=A(u2-U1)/:A(=00)

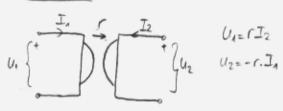


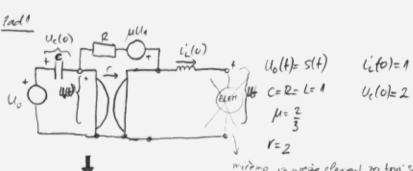
(1)
$$U_1\left(\frac{1}{R_A} + SG + \frac{1}{R_2}\right) = U_{UL}\frac{1}{R_A} - U_2\frac{1}{R_2} = 0$$

Suspednicionous

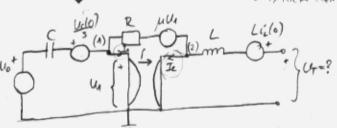
(2) Hear 17 pajacalo, ne pisemo!

GIRATOR





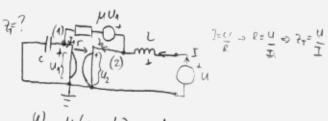
micemo in niere element no topi se trazi nopon i ornacimo go UT



la ono sto ne anamo, piseus struju!

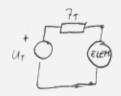
(1)
$$U_{A}(SC + \frac{1}{2}) - U_{0} \cdot \frac{1}{R} - p = \frac{U_{0} - (U_{0})/S}{\frac{1}{SC}} - \frac{\mu U_{A}}{R} - I_{A}$$

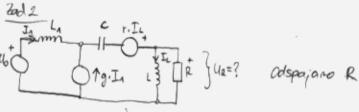
27-2 - 17 mæge i madimo sve negavisne ituore. Strujni odspojing noponski kratko spojimo,

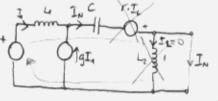


(2)
$$V_2(\frac{1}{2} + \overline{SL}) - U_1 \cdot \frac{1}{R} = \frac{\mu U_1}{R} + \frac{U}{SL} - \overline{L}_2$$

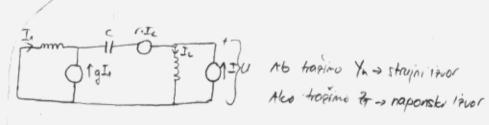
+ jedrodýbe i priatora

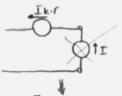






Notionala admitancija - Yn = 1 = 1 = 1 = 1 = 1





Serijski spojevi strujni izvori moraju liti iste unjednosti!

paralely, spoj ropovskih izvora mora lih sa izvorima istih vnjednosti