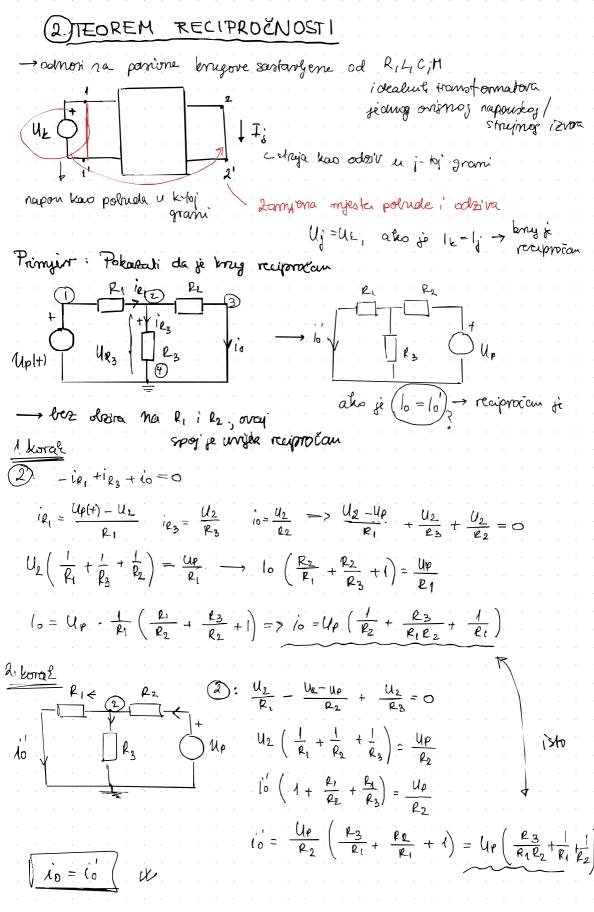
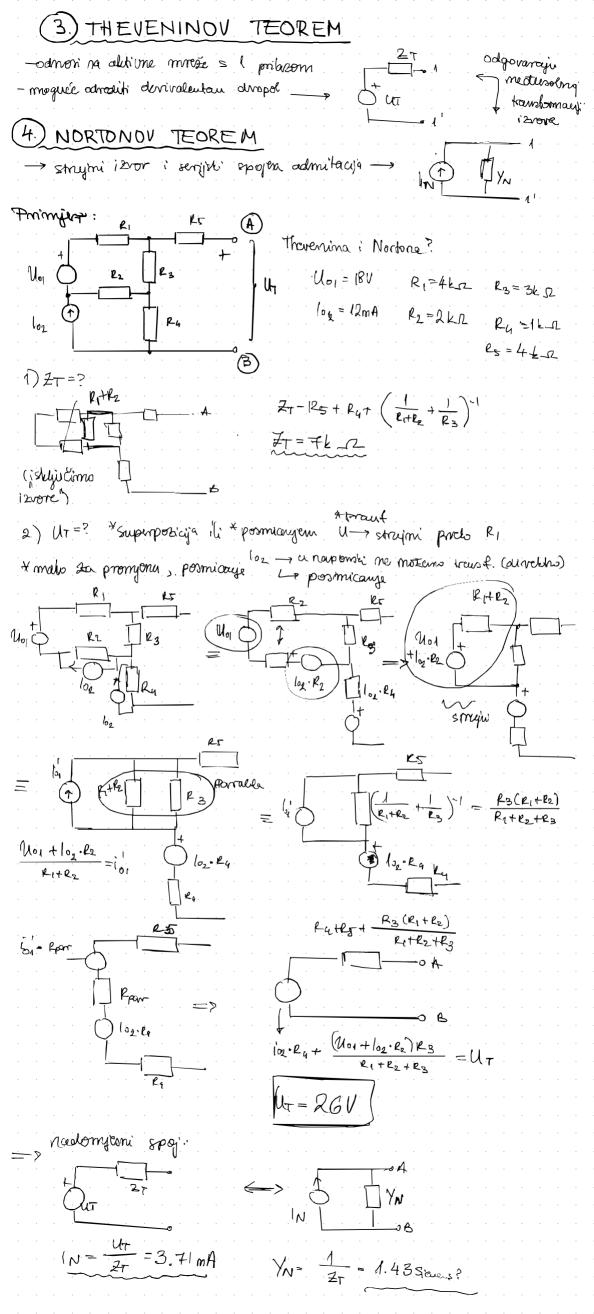
4.2 TEOREMI MREZA

REM SUPERPOZICIJE

-also imamo viste i zvora -> elkupni odziv je suma nie odzive - 4= 81+ 95+ ... + Au Y (+) = [Y (+) -> promedramo pojedini (2007 isteljučilanjem such ostality izrora Pormyer: ilt) mingenom TN superposicie R2=30 r=3_0 U01=24V 102=7A 1 joznor nor lijeni Ualt) NE JER JE





Primint 7.)
$$l_1=5$$
 $l_1=10$ $l_2=10$ $l_3=10$ $l_2=10$ $l_3=10$ $l_2=10$ $l_3=10$ $l_3=10$

$$\frac{\mathcal{L}_{01} + \frac{\mathcal{L}_{02}}{\mathcal{L}_{2}}}{\left(\frac{1}{10_{1}} + \frac{\mathcal{L}_{02}}{\mathcal{L}_{2}}\right) \left[\left(\frac{1}{R_{1}} + \frac{1}{\ell_{2}}\right)^{-1}\right] - \mathcal{L}_{02} \cdot \ell_{3} = \mathcal{L}_{1}}{\left(\frac{1}{10_{1}} + \frac{\mathcal{L}_{02}}{\ell_{2}}\right) \left[\left(\frac{1}{R_{1}} + \frac{1}{\ell_{2}}\right)^{-1}\right] - \mathcal{L}_{02} \cdot \ell_{3} = \mathcal{L}_{1}}$$

$$G_N = \frac{1}{k_T}$$

$$|N = \frac{UT}{k_T}$$

-7 2a mresu sa No grana sa stryama grana. 11, 12, 13. " Mo

indieletro leaze: Loliko P trosila trose, toliko P iznor daje

=> ukupna ovma snaga na svim grancoma u svakom trenu je 8.

(5) TELLEGENOV TEOREM

+ odg. naponom U1, U2 -- UND

+ doler nie bitom

$$\frac{1}{101 + \frac{1002}{102}} \left[\left(\frac{1}{R_1} + \frac{1}{102} \right)^{-1} \right] - 103 \cdot R_3 = UT = \left(\frac{101 + \frac{1002}{102}}{102} \right) \cdot \frac{R_1 \cdot R_2}{102} - 103 \cdot R_3$$

$$= \frac{101 \cdot R_2 + 1002}{121 + R_2} - 1 \cdot 103 \cdot R_3$$

$$R_1 = R_3 + \left(\frac{1}{R_1} + \frac{1}{R_2} \right)^{-1} = 13 \cdot 33 \cdot 10$$

$$R_1 \cdot R_2 + 1002$$

$$= \frac{101 \cdot R_2 + 1002}{121 + R_2} - 1 \cdot 103 \cdot R_3$$

$$= \frac{101 \cdot R_2 + 1002}{121 + R_2} - 1 \cdot 103 \cdot R_3$$

$$= \frac{101 \cdot R_2 + 1002}{121 + R_2} - 1 \cdot 103 \cdot R_3$$

= 101. R2 + U02 R1+R2 - R1 - 103. R3

NP NF(4) (F(4)=0