11. KONTURE STRUJE

$$I_1 = i_1 - jer idu u istu stronu$$

$$I_2 = i_3$$

$$I_1 - I_2 = i_2$$

$$I_1 - I_2 = i_2$$

ono levozsho ide 12

-11 X L2 + 12 (R+ X2) = 0

51, +5j Ix = 10-5j

I 1- 2-3-jlk

51, = 10-5j-5j/k/s

1, (-20j+20j) - 12.10j-40

-12= 40 = -4j -> 12=4j

R=X1,=X12=101

$$U_{1}(x)$$
 X_{1}
 X_{2}
 X_{3}
 X_{4}
 X_{1}
 X_{2}
 X_{3}
 X_{4}
 X_{5}
 X_{1}
 X_{2}
 X_{3}
 X_{4}
 X_{5}
 X

$$| \frac{2}{1} (2_{11}) - \frac{1}{2} (2_{12}) = \sum U$$

$$| \frac{1}{1} (2_{12}) + \frac{1}{2} (2_{22}) = \sum U$$

$$| \frac{1}{1} (x_{12} + x_{12}) - \frac{1}{1} \cdot x_{12} = u_{11}$$

$$l_1 = l_3 + l_2$$

$$l_2 = l_3 = l_4 = l_4$$

12= C1-12.

11-14=1

2-j-jIK-1K=3

-j Ik- It = 1+j.

- I1-T2= 2

 - - -12 -109 + 49 (10 +10) =0
- 3) 21 200/2021. R I = 310. A $|x| = \frac{4}{10}(10+10)$ $|x| = \frac{4}$

1 (-1-1) = 1+j / (- (j+1)) - (le = -1A)