ZADACI S TROFAZNIM

Uv = Uf 2-120° - Uo'o

$$U_{00} = \frac{uf}{2} (110.411-240)$$

Lo (10=Uef-0 -> U0=Uef =3461

I= I + I 3 = uf Lo + uf L240

I = Uf (1/20 + 1/240)

I= 17,3 +29,96JA

$$o'o = \frac{uf}{2}$$

$$b'o = \frac{uf}{2}$$

1 = uflo | 3= uflo240

Uv = 346V

R=10-2

10=4+13

-> U00=0V

Uv = Uf (12-120°- + 160°)

Ub = Uf 3 2 2-1200

UE 53UF = 400V

(3.) DEK 20./21 3)

LI OF

L2 0 (V) //////

L3 P

0 * I I I

+ Uf=230V

(3) LN 19/20. 8.)
$$Ue = 200$$
 $Uv = 200$
 $Uv = 200$

$$|A = \frac{Uflo}{R} + \frac{Ufl-lo}{-jR} + \frac{Ufl-240}{jR}$$

$$|A = \frac{Uf}{R} \left(120 + 1\frac{1-120}{-j} + 1\frac{1-240}{j}\right) = 60.1A$$

a Lada Zamijernimo
$$\frac{1}{4} = \frac{Uf}{R} \left(\frac{1}{6} + \frac{L-120^{\circ}}{3} + \frac{L-240}{3} \right) = \frac{Uf}{R} \left(1-53 \right)$$

$$\frac{60.1}{(1+13)} = \frac{IA}{(1-\sqrt{3})} \longrightarrow (IA = 16.1A)$$

60+ Uf (1+13)

5.
$$21.20/21.8.$$
)

 $1000V$
 $1000V$

20 slučaj -butli spij -> u svedini rije vrše OV jor smo doveli luf Lo

La ampermetar vijeri storeju kojo prolazi kroz 2 ali u rozlici potencjala

$$I_{A_2} = \underbrace{\begin{array}{c} U \notin L - 120^{\circ} - U \notin L0^{\circ} \\ 2 \end{array}}_{L(N) \downarrow SKI} \rightarrow \underbrace{\begin{array}{c} I_{A_2} = 13^{\circ} 2A \\ 2 \end{array}}_{L(A_2) = 3^{\circ} 4^{\circ} 6A$$

14 =
$$2 \sqrt{2}$$

14 = $2 \sqrt{2}$

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14 = $2 \sqrt{2}$

14 = $2 \sqrt{2}$

15 | $2 \sqrt{2}$

16 | $2 \sqrt{2}$

17 | $2 \sqrt{2}$

18 | $2 \sqrt{2}$

19 | $2 \sqrt{2}$

20 | $2 \sqrt{2}$

21 | $2 \sqrt{2}$

22 | $2 \sqrt{2}$

23 | $2 \sqrt{2}$

24 | $2 \sqrt{2}$

25 | $2 \sqrt{2}$

26 | $2 \sqrt{2}$

27 | $2 \sqrt{2}$

28 | $2 \sqrt{2}$

28 | $2 \sqrt{2}$

 $R_2 = \frac{231^2}{2.380}$

Il realmo trosilo

$$R_{1} = \frac{231^{2}}{380} \quad R_{2} = \frac{231^{2}}{2.380} \quad R_{3} = \frac{231^{2}}{3.380}$$

$$R_{1} = 140.4 \quad R_{2} = 70.2 \quad R_{3} = 4618 \quad \Omega$$

$$I_{0} = \frac{4810}{2.380} + \frac{4161}{2.380} + \frac{1}{10} = \frac{1}{285}$$

$$I_{0} = 285 \quad A$$