V=IR · 60=1=) 6i, -12+V,=0 √2 = (iz-i3) 4 0 Goz 2 =) 9k +4(12-13)-V,=0 64-12+91, +412-413=0 61, +1312-413=12 --- C 0 Got 3 =) 2Vz + 4(i3-i2) +3i3 = 0 2 (4(iz-13)+4i3-4i2+3i2=0

8/2-8i3+4i3-Liz+3i3=0 412=13 --- 2

> 5 Ia= 1, -120 -513=4,-12 1,-12+513=0---3

61, +1312 -413=12 412-13=0=13=412 1,-12+513=0

61, +1312-4(412)=12 1,-12 +20 12 =0

61, -31/2=12 (, = -19 cz

6 (-1912)-312 = 12

Vz = 6,472V

tr=-0,102A

6 \$ 134 iz DIA DE 8V V=IR GOZ L =) 6i, - hUx + hli, - 12 = 0 10i,-4i=4Vx---1=12-13 Goz 2 =) 4(iz-i,)+X=0 Got 3 =) - V + 2i3 -8 = 0 412-41,+213=8 -- @ 101, -412=4(-213) (-101,-412+813=0 $-4i_{1}+4i_{2}+2i_{3}=8$ $(i_{2}-i_{3}=1-)i_{2}=1+(i_{3})$ 101,-4-413 +815 = 0 1011+413=4 - 41, +4+413+213=8 6/101,+413=4 4/-41, +613=4 - Lei, + 6 i3 = 4 600, +24/3 = 24 16i, -24i3=-16 761 = 8 13 = 0, 736 A i,=0,105 A $V_{x} = -2, (0,736)$ (2=1,736 A = -1.472V

Cot analia: ile Un=7

Goz (=) (, = 15 A

602 2=) 1(i2-(i)+2i2+3(i2-13)=

Got 3 =) 3(i3-12)+1i3+2(i3-11)-V=D

 $\frac{\sqrt{x}}{4} = \frac{1}{13} - \frac{1}{1}, \quad 6$

U=12 Vx=(13-12),3 0

12-1,+2/2+3/2-36=0

- 1,+612-313=0

612-36=15

Ux = 463 -46,

V x = 313-312

 $2i_2 - i_3 = 5$

1/3+31/2=60

212-1/3=5

13+3c2=60

5 iz=65

Lz= 13 A

(3=21 A

Ux = (13-4,)4

= (21-15) 4

= 24 V

allan allini bulvace

60=1=)-10+4(1,-12)+8=0 +60=3=) 13+713-V+10(13-12)=

-10+4i,-4iz+8i3+10i3-10i2=0

4i,-14iz+18i3=10 -- 1

060e 2=) 4(12-11)+512+912+10(12-13)=0

Lylz-li, + 1/12 + 10ie-10i3 =0

- 41, +2812-1013=0 --- 2

· 6 - 1, -3 - -3.

() = 3+ (,

Que 3 den

Lai, -1412 + 54 + 181,=10

221, -1412 = -44

Que 3 den

-41, +2812-30-101, =0

-14i, +28i2=30--Q

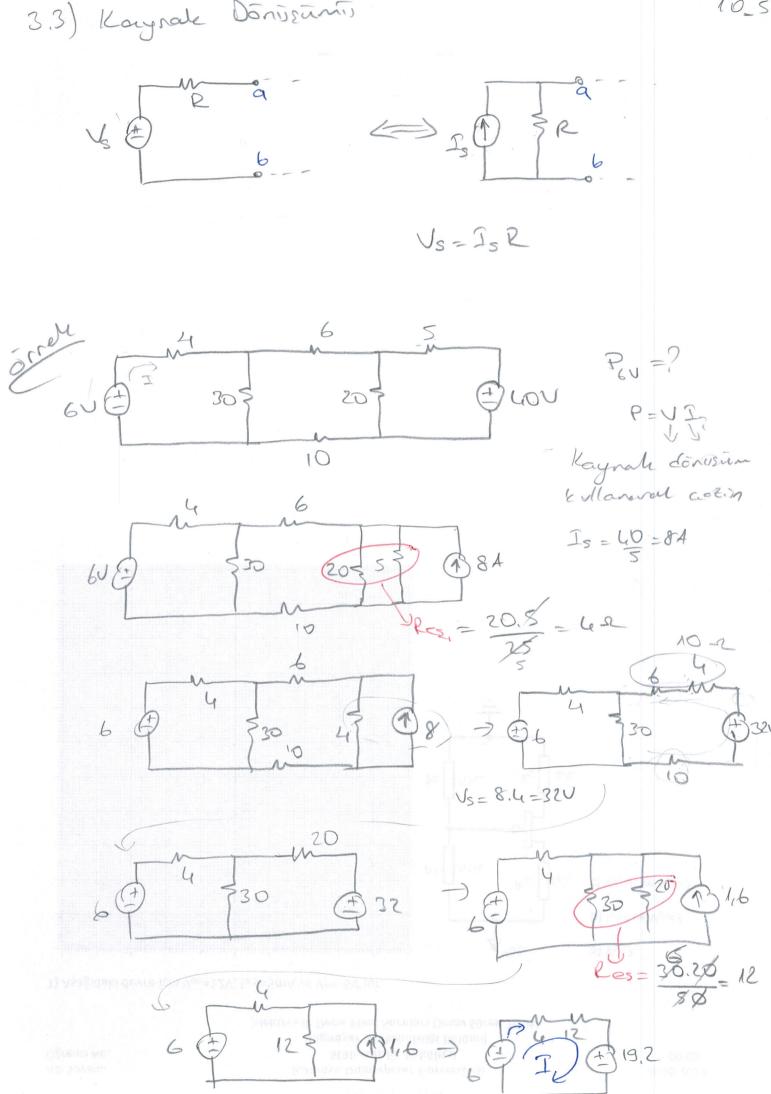
Que @ aozulir

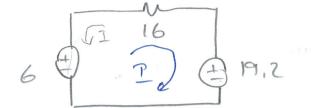
 $2/22i_1 - 14i_2 = -44$ - $14i_1 + 28i_2 = 30$

+ Win - 2812 = - 88

300, =-58

 $L_{i} = -1.934$





$$-6 + 161 + 19.2 = 0$$

 $I = 0.825A$