AO-Soyad: HSSEN ALDARWICH , Ogrenc: No: 190260610.

(6) + (5) = ) 
$$124 I_{92} = 320$$
 = )  $I_{92} = 2.5806 A$  | Serve | Alc. Index.

$$-V_s = R_2$$
,  $I_{92} = 12 \times 2.5806 = 30.9672 V = U_5$ 

$$\left\{P=V.T=\frac{V^2}{R}=T^2.R\right\}$$

$$-P_3 = V_3 \cdot I_{51} = 48.38688 \cdot 4.03224 = 195.034 w = P_3$$

$$-P_{4} = V_{4} \cdot (I_{52} - I_{52}) = 11.61312 \cdot (4.03224 - 2.5806) = 16.858w = P_{41}$$

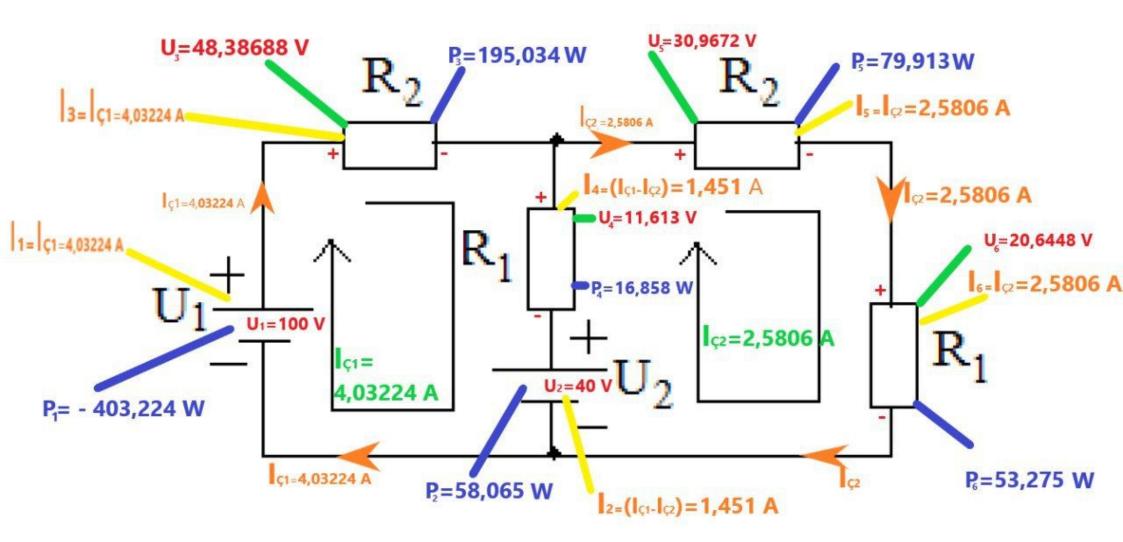
$$-P_{5} = 11 \quad T$$

$$-P_{5} = V_{5}, \quad I_{52} = 30.9672 \cdot 2.5806 = 79.913W = P_{5}$$

$$-P_{6} = V_{5}, \quad I_{52} = 30.9672 \cdot 2.5806 = 79.913W = P_{5}$$

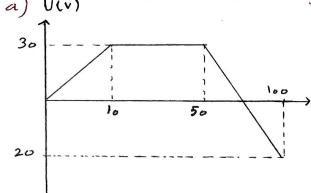
$$-P_6 = V_8$$
,  $I_{52} = 20.6448 \cdot 2.5806 = 53.275 W = P_6$ 

## Akimlar:

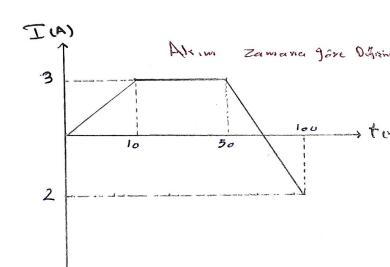


a) U(v)

Cerilim Zamana gare degizimi



$$t=10 - \sqrt{1} = \frac{U_{10}}{R} = \frac{30}{10} = 3 A$$



Zamana gare Diffismit = 50\_ \_ ) I = V50 = 30 = 3 A

$$t = 100 - 3T = \frac{V_{100}}{R} = \frac{26}{10} = 2A$$

t = 10 -> P = U. In = 30,3 = 90 W

Pin) Güs Zamana göre Degizim;

t= 100-> P= V100, I100 = 20, 2=40 W

b) Cerilin 50-100 (ms) araligina ilizkin denklemborni

$$\frac{29 \text{ im}}{50 - 100} = \frac{30 - 26}{5} = \text{m}$$

$$U_{-}U_{0} = m(t-t_{0}) = 0$$
  $U_{-}20 = -\frac{1}{5}(t-t_{0})$   
=  $U_{-}20 - \frac{t}{5} + \frac{t_{00}}{5} = 0$   $U_{-}20 = -\frac{1}{5}(t-t_{00})$  Gerilia Devilia Devilar !

- Aleimin. 50-100 (ms) od azalígina ilizkin Danklemi

$$e^{9im-1} m = \frac{3-2}{50-100} = -\frac{1}{50} = m$$

$$I - I = m(t-t_0)$$
 =>  $I - 2 = -\frac{1}{50}(t-100)$ 

$$e^{9in} - 9m = \frac{90 - 40}{50 - 100} = -1 = m$$