

Norton estejer deuresi? 12N ?=RTH IN = ? = Isc

$$Z_{ex} = \frac{6.3}{8} = 22$$
  $i = 14$   $V_0 = 2.1 = 20$ 

-Vab +2 (1-0,5) +2,1=0

Goz 1 -) 
$$-18+6i+3(i-i)=0$$
  
Goz 2 =)  $3(i_2-i)+2(i_2+i_3)=0$ 

$$3(i_2-i_1)+2(i_2+i_3)=0$$

$$6i_1 + 3i_1 - 3i_2 = 18$$

GEZ 3 =)

$$3i_1 - i_2 = 6$$

$$5i_2-3i_1=-0.5(3i_1-3i_2)$$
  
 $5i_2-3i_1=-1.5i_1+1.5i_2$ 

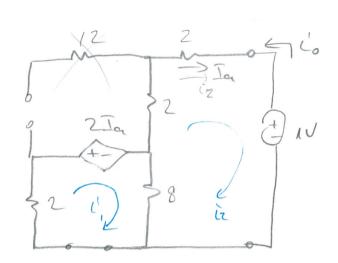
12 = 0,25,6= 1,5A

U2-2= (2,2

= 1.5,2= 31

Theren estger devresms bulun.

RTh VT4

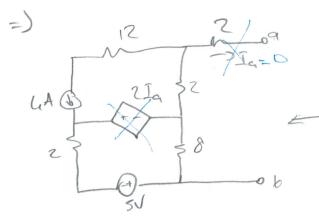


$$12i_2 - 8.3i_2 = -1$$

1212+1=81,

$$36i_2 = -5$$
 $i_2 = -5/36$ 

$$2Th = \frac{10}{10} = \frac{1}{5} = \frac{36}{5} = 7.2$$



$$l_1 = l_1 A$$

$$2l_2 - 5 + 8l_2 = 0$$

$$10l_2 = 5$$

$$l_2 = 0.5 A$$

$$V_{ab} = -(V_{2-L} + V_{EU})$$

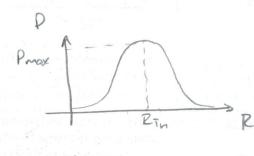
$$= -(4.2 + 0.5.8)$$

$$= -12V$$

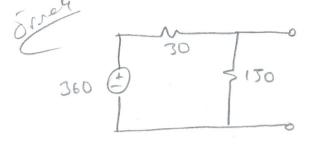
$$V_{Th} = \frac{1}{2} \cdot \frac{1}{$$

$$P_{L} = I_{1}^{2}, P_{L}$$

$$= \left(\frac{\sqrt{\tau_{1}}}{P_{T_{1}} + P_{L}}\right)^{2}, P_{L}$$



i) P1=5



- a) Malismum göc transferr ran your devreden max gäcis gekelektuch ven giste direnci =,
  - P = ?
- a) Therenn: brakin

$$V_{\alpha} = V_{TN} = \frac{360}{30 + 150}$$
, 150

6) 
$$P_{L} = I_{L}^{2}, L_{L} = \left(\frac{300}{25+25}\right)^{2}, 25 = 900 \text{ W}$$