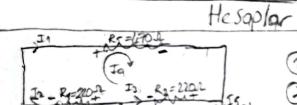
Burak ATALAY

22011641

BE



1 470. Iq+220. (Iq-Ic)+220. (Iq-Ib)=0

(1)	910 Ja	-220 Ib	-220Ic	=0

Ölgümler

$$I_1 = I_0 = 8.4 \text{ mA}$$
 $I_4 = I_b - I_c = 14.3 \text{ mA}$
 $I_2 = I_b - I_0 = 16.2 \text{ mA}$ $I_5 = I_c = 10.3 \text{ mA}$
 $I_3 = I_c - I_0 = 1.9 \text{ mA}$

	/ / /	/
200 21	V', Iz	-8V
In R1=62	¥13 R2:	42
1	5 52	
1-1-	303	8V
× 7/	1	
	lov	-
or	-	or

$$\frac{24-V'}{6} = \frac{V'-8}{4} + \frac{V'}{12}$$

$$\frac{48-2V'}{42} = \frac{3V'-24+V'}{42}$$

$$6V'=72V \rightarrow V'=12V$$

$$\boxed{1_4 = \frac{24-12}{2} = 2A}$$

$$\boxed{1_2 = \frac{12-8}{4} = 1A}$$

$$\boxed{1_3 = \frac{12}{12} = 1A}$$

 $I_1 = I_2 + I_3$

In (A)	I2 (A)	I3 (A)	-
2	1	1_1	