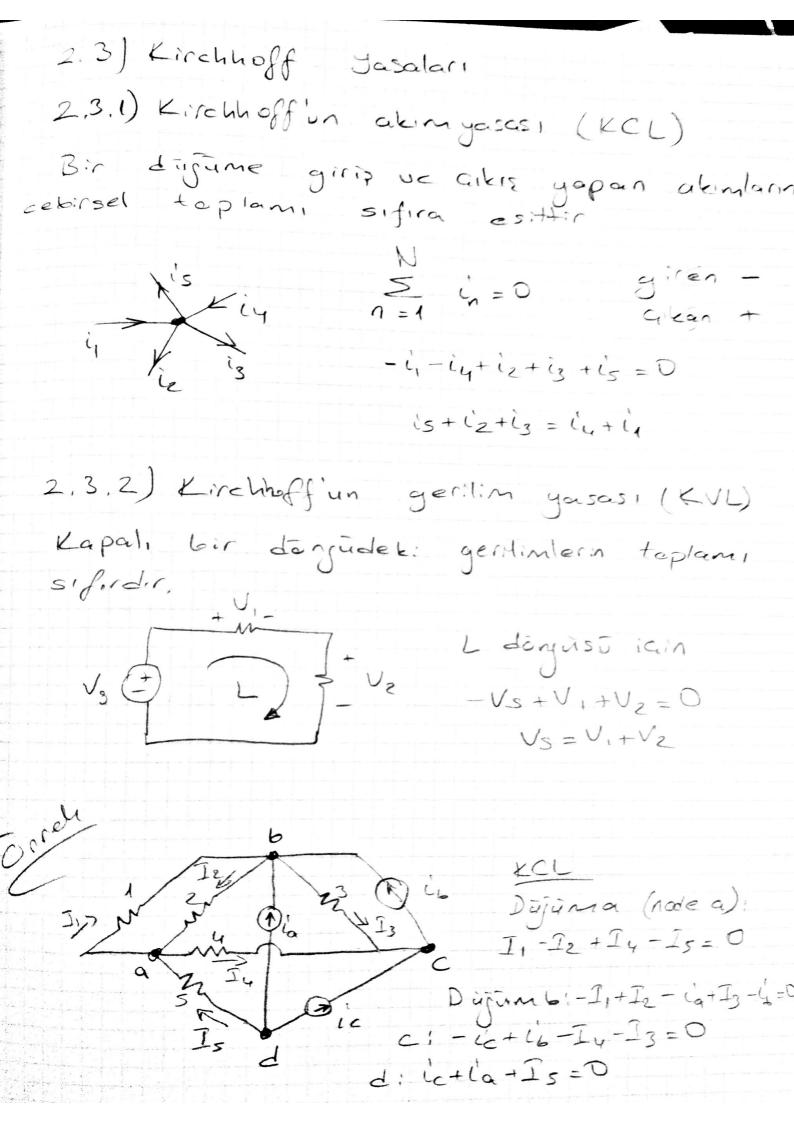
S NE Rab = ? 76 Res 1 86 36 $\frac{1}{3} = \frac{6}{3} = 20$ 5 32 Orre Rab = Res, = 10/2 1/3 Rab = S+Res, = S+S=20-92



+ 1 - 12 - U3 + V1 + V2 + U4 - V6 = D

Goz a/a dogusi - U3 + V1 + V2 + U4 - V6 = D b Dogusi - Va + U3 + U5 = D c dogusi

-V6-V5+V6-V4-Vc=0

d dogusis -Va+V1+V2-Vc+V7-Vd=0

KVL

dajam c:
$$2+I_D+I_A=0$$

 $I_D=-1A$

 $\frac{KCL}{diginma}$ -1A - 1 = 0 IA = -1A diginmb 1+IH-IC=0 IC=2A

$$3-2-I_{+}=0$$
 $I_{+}=1A$

 $\frac{12 \text{ icin}}{-4 + 16 - 2 - 16 = 0}$ $\frac{1}{7 - 16 = 6}$ $\frac{1}{4 + 16}$ $\frac{1}{4$

U, ve Uz = ? 2000 12V2 3 2 V2 -20+4,-42=0 -20+21 - (-31) = 0 V,= 2 Ve - i3) 51 = 20 i= 4 A V1=21=8V Vz = -31 = -12V V, , V2 =? V1=14=16V -32 + V, -(-8) - Vz = 0V2 -- 12 = -8V V1 -V2 = 24V 41'-(-21)=24 61=24 1=4A /U,=41, = 16V