YILDIZ TEKNİK ÜNİVERSİTESİ BİLGİSAYAR MÜHENDİSLİĞİ BÖLÜMÜ



Ders: BLM2022 Bilgisayar Donanımı ÖDEV-1 Raporu

Öğrenci Adı Soyadı: Sait Yalçın

Öğrenci No: 20011024

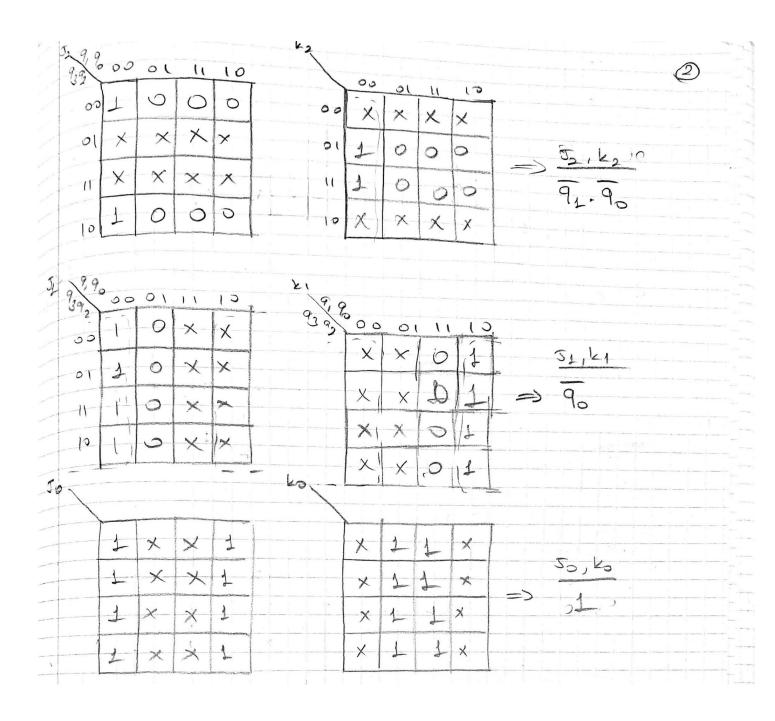
Öğrenci e-posta: sait.yalcin@std.yildiz.edu.tr

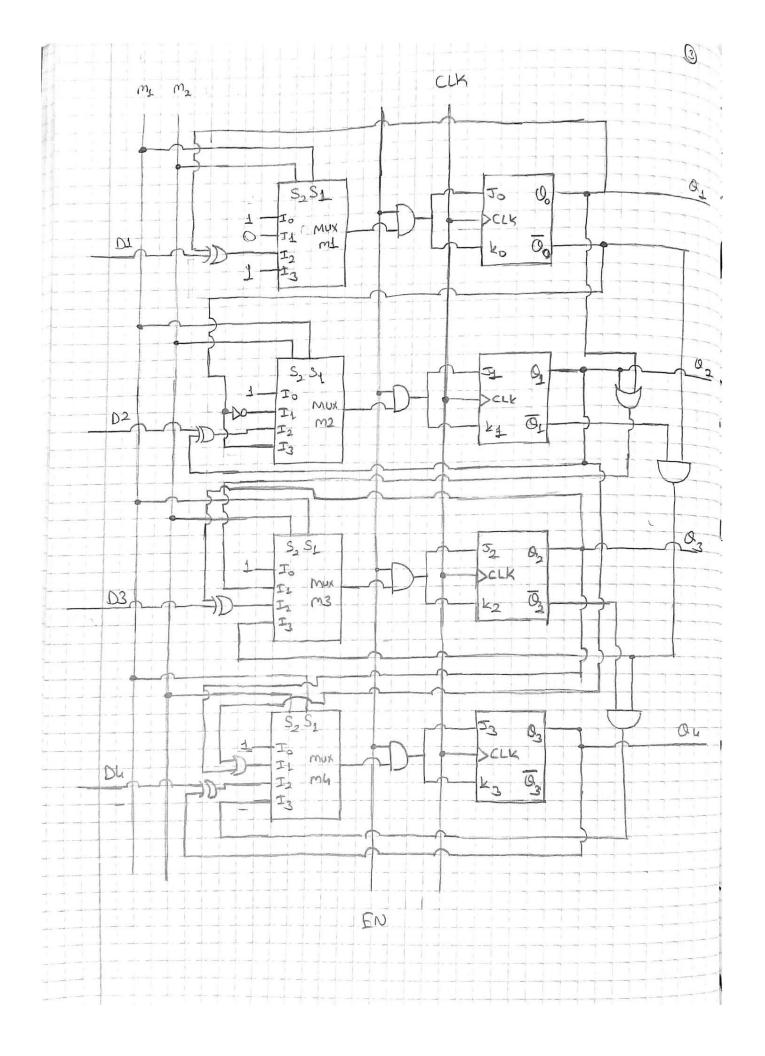
Ders Yürütücüsü: Dr.Öğr.Üyesi Ali Can KARACA

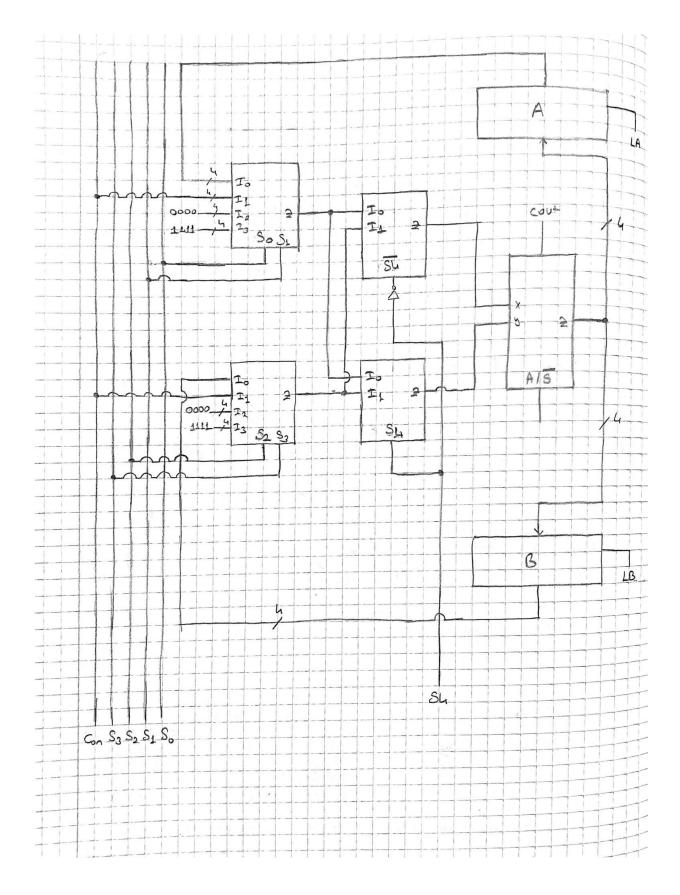
İÇİNDEKİLER

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Kontrol Igaretteri =

Not: Adder / Substractor'in (x-y) yaptique vorsayılıyar.

- tor e con

A = con: S1=0, S0=1; S3=1, S2=0; SL=0; A/S=1; LA=1, LB=0

B= con: S1=0, S0=1; S3=1, S2=0; SL=0; A/S=1; LA=0, LB=1

- tor & Src

B=A: S1=0, S0=0; S3=1, S2=0; SL=0; A/\$=1; LA=0, LB=1

A=B: S1=1, S0=0; S3=0, S2=0; SL=0; A/\$=1; LA=1, LB=0

B=B: S1=1, S0=0; S3=0, S2=0; SL=0; A/\$=1; LA=0, LB=1

A=A: S1=0, S0=0; S3=1, S2=0; SL=0; A/\$=1; LA=1, LB=0

-tore A+B

A = A+B: S1=0, S0=0; S3=0, S2=0; S4=0; A/\$=1; LA=1, LB=0 B= A+B: S1=0, S0=0; S3=0, S2=0; S4=0; A/\$=1; LA=0, LB=1

- tor E A-B

A = A-B: S1=0, S0=0; S3=0, S2=0; Sh=1; A1s=0; LA=1, LB=0

B=A-B: S1=0, S0=0; S3=0, S2=0; Sh=0; A1s=0; LA=0, LB=1

- + ar = src+1 (con=1)

 $A \leftarrow A+1 = S1=0$, S0=0; S3=0, S2=1; S4=0; A/S=1; LA=1, LB=0 $A \leftarrow B+1$: S1=0, S0=1; S3=0, S2=0; S4=0; A/S=1; LA=1, LB=0 $B \leftarrow B+1$: S1=0, S0=1; S3=0, S2=0; S4=0; A/S=1; LA=0, LB=1 LA=0, LB=1LA=0, LB=1

- tor c 8rc-1 (con = 1)

A-A-1: S1=0, S0=0; S3=0, S2=1; Sh=0; A/\$=0; LA=1, LB=0

A-B-1: S1=0, S0=1; S3=0, S2=0; Sh=1; A/\$=0; LA=1, LB=0

B-B-1: S1=0, S0=1; S3=0, S2=0; Sh=1; A/\$=0; LA=0, LB=1

B-A-1: S1=0, S0=0; S3=0, S2=1; Sh=0; A/\$=0; LA=0, LB=1

tor et Src A = A: 81=0,80=0; S3=1, S2=1; S'L=0; A/S=0, LA=1, LB=0 A = 3:81=1,80=1 383=0,82=0:84=0; A/3=0; LA=1,LB=0 B = B : 81=1, 80=1; 83=0, 82=0; 84=0; A15=0; LA=0, LB=1 BEA: \$1=0, SO=0: 83=1, 52=1; SU=0; A13=0; LA=0, LB=1 tor e Src+1 A = A+1: S1=0, S0=0; S3=1, S2=0; SU=0; A/8=0; LA=1, LB=0 A = B+1: S1=1, S0=0: S3=0, 32=0; S4=0; A/S=0; LA=1, LB=0 B=B+1: S1=1, 30=0; S3=0, 52=0; S4=0; A13=0; LA=0, LB=1 BEA+1: S1=0, S0=0; S3=1, S2=0; S4=0; A13=0; LA=0, LB=1