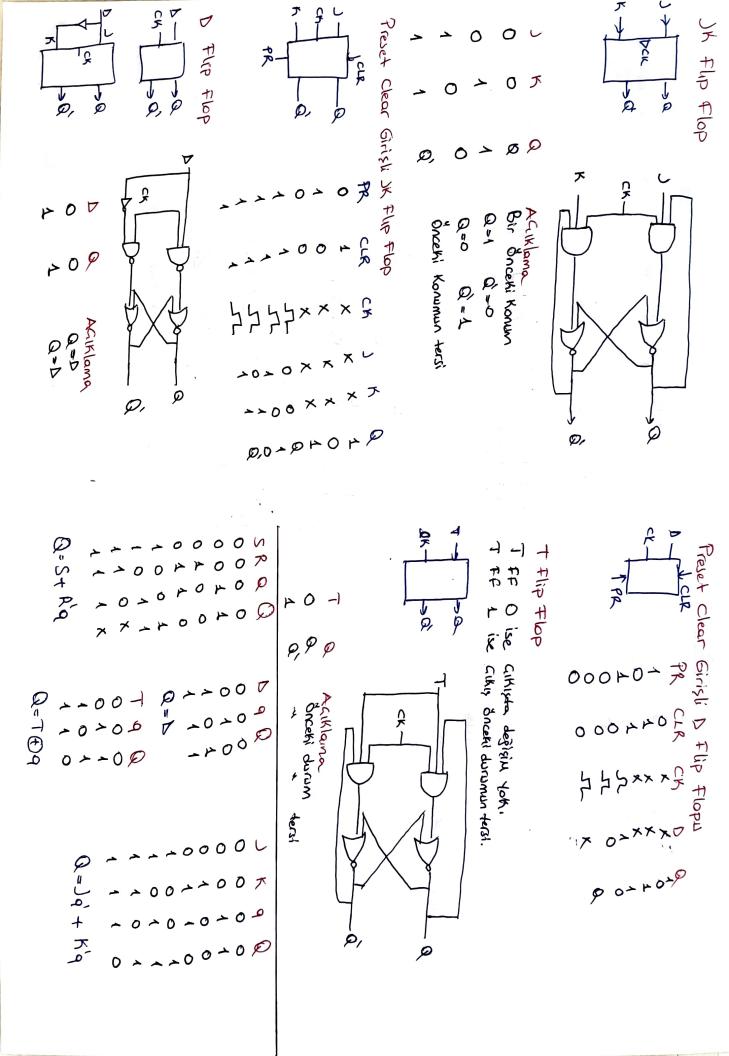
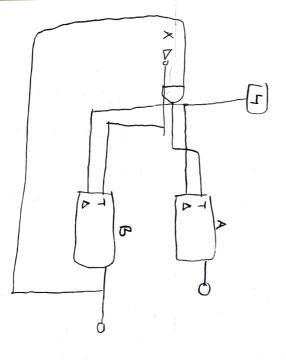
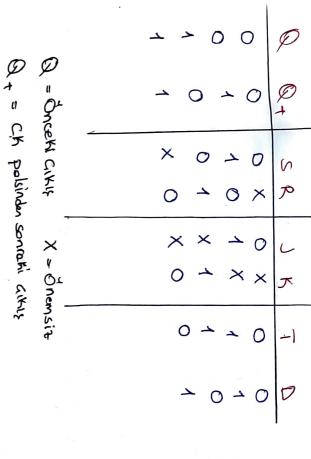
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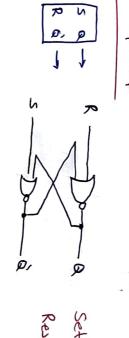
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Bir Briceki Konum

0=1 0-0 Q=0 Q=1

Kulbaulmaz

Tetiklewell RS Flip Flop

S P Aciklama ا و B

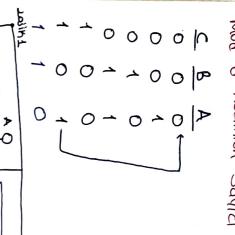
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Flip Flop

dife adlandining Soat girisli aralıxıl devrelerde Kullanılan bellek elevlanları flip Flop

RS Flip Flop

Set Lis Reset Sifirly



olduğunda (110) olduğunda 000 alabilmesi igin B ve C 1 old. O yapılıp clear girisi O yapılıp flip CK.

floplar pasif hale geticition

55.

Ø

Ø

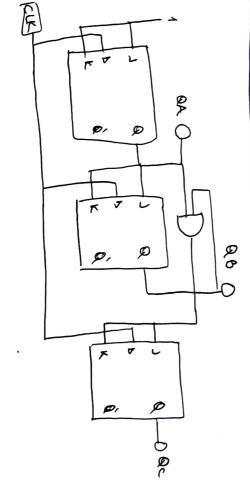
Ø,

Sentron Savicular

(b)

Zaman gecitmesi oluşmat "Tim flip floplara ogni ande Saat girix! Olduğu ikin

Hassas Olarah Zamon öksebilir.



	Saylerlar
	n bitlin bir bilgi tutarlar
	Sout Geriminde arton Vera atalan bijil devre
	Disital ölas, Kumanda, Kontrol tesislerde Kullanılır.
	Asentron Sayıcı: Her flip flopun çıkışı bir sonrati flip flop
	La liklama palsi Olarak Kullanlır,
•	Sentron Sayıcı: Bûtûn flip floplar aynı tetikleme palsi ile tetikledir.
-	Asenhron Saylcular
9	· Calisma hielan dusakton
	al Malan clark Palsteri Di
, , , , , , , , , , , , , , , , , , ,	alindigi kin Damon gerimes
	3 Bithith Asentron Vukari Satici CLK C B A O O O O 1 0 0 1 2 0 1 0 3 0 1 1 4 1 0 0 5 1 0 1 6 1 1 0 7 1 1 1

04 40 Örner (1000011)2 (Giff) & 1000011 Or. (1000001)2 (Ter) \$ 1000001 Parity (Estitlik) Kodu LOJIK Islemler or (111201111) 603 => ()2 111 00 11 11 or (1000101)2 > 0 () CAD () CAD Gray Kad In sola O yearly. Her bit solundar ile toplonip yearly. STEK ESITUR Aleri tek " I CIFF ESITIVE 1 lesi CIFF GAPOGER SERVILLE Parity BITH eller's or (35+) 0 => 3 = 0011 5 = 0111 0 60 BCD Kod Only Saymin herbir bas, 4 bithe ikili sayı. (0-9) 16(x) Gray Koddon cevirment in ansoldani bit orgi indirilir. indirile, bitle soft toplomp totilon 0 - 6 YEYA (+) + 1091 BEEL VEYR(+) 0191 0000 KX + KX DEGIL Y S 04

OA.A'=O O(Ā)= A OA+AB=> A (1+B) = A O A.(A+B) => AA+AB · A+O=A · A+1=1 · A.O=O · A.A=A · A+A-A · A+A'-1 · A.A-A Ornek AB + A'C + BC Saddlestin · A+AB-> (A+A). (A+B) = A+B · A. (A+B) · A.A+A.B = A.B · AB · A+B 1 1 2 1 AB+AC+BC(A+A)= AB+ AC+BCA+BCA A(1+B)=* A+B - A.B

Mintern Max-term

Her fonk, mintermierly toplami Yada maxtermierly carpining egittic Mintermole deji) "O" max demode dejil "1" Olun Minterm Karak m ile moxtem būjak M ile gosterika

Fork. Yestmak icin Mintermlein 1 moxtermlein 0 old Yerler Yothlir. A. O. O mintern (E) A + 6' A+8 mextern (T) A+ 6

- Dirnek $F(A_1B_1C) = \Pi(A_1H_1S_16)$ fort. Yet sadelestro $\xi(O_1A_1S_1F)$ F(ABIC) ABC+ ABC+ TBC+ABC = AC+BC Ornek f=A+BC mintern toplam seclinde you A = A (B+8') = AB+ AB' = AB(C+c') + AB'(C+c') = ABC + ABC' + AB'c + AB'c' B'C = B'C (A+A) = (A'B'C + AB'C)

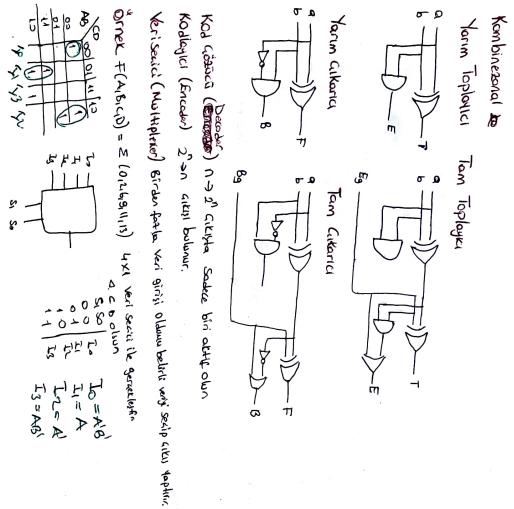
Karnaugh · 2 adet olacak sekilde · Grup isleri sorpiliri الله الم 1 1 10 80 00 01 11 12 Gruptar agast toplant.

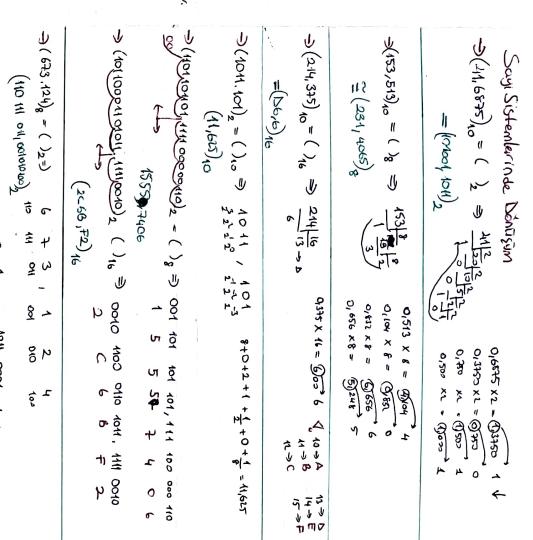
Örnek T= ABC'D + ABC'D + ABC'D + ABC'D + ABCO + ABC 00 01 11 10 (ia) 1 5/11 / 000 ool (1) 010 110 111 101 100 3-8606 1 -> Ac 2-3 XC

AB(140) + AC (148)

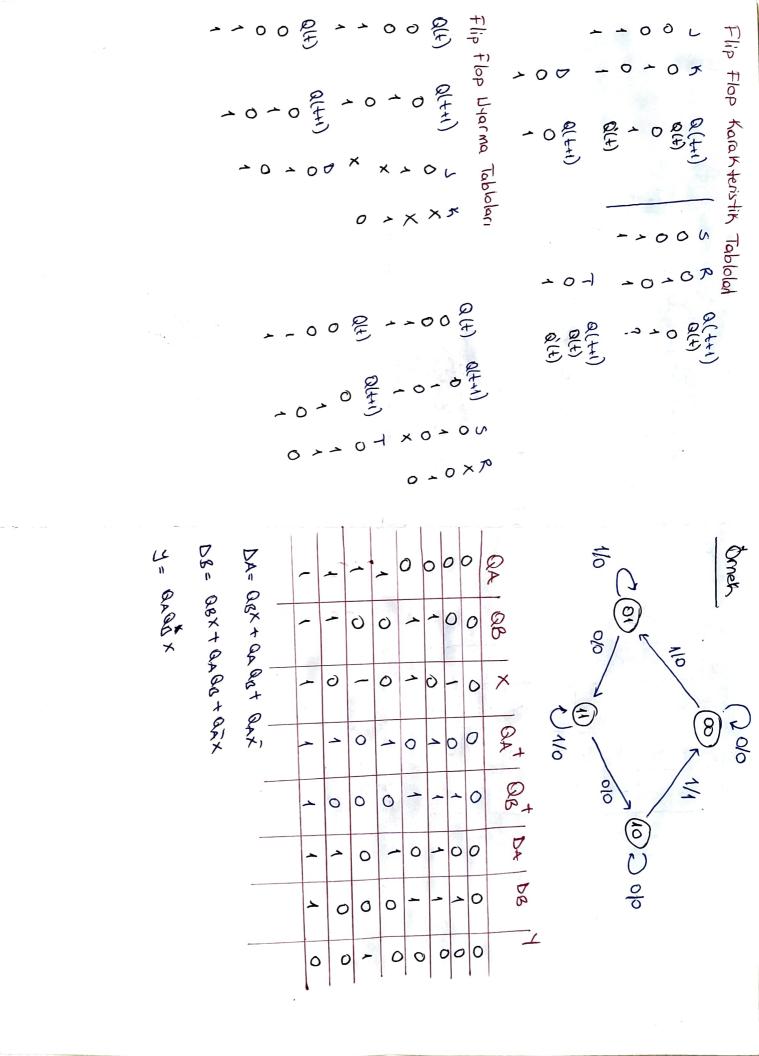
AB +A'C

0





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                                                             042
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                                                                           1'c Tumleyen
                                                                                              (B13) 16
                                                                                                      101
                                       checopo e- poolina
                                                                         2'e Tûmleyen
                                                               l'e tumlemeye
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                     111 0010
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                                     In vanlow hit
                                                  HEN anlamli
                        1 -> neg.
             05 Pot
                                                                                                           1 THRUSH
              Screts: 2+2-+2
150/ets: 2+4+1=13
20=-2
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F(A,B,C,D)= = (0,1,3,4,8,9,15)

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4 6 (2 b) 7 A A (2 c) 2 (3 c) 4 A (2 c) 2 (3 c) 4 A (3 c

F(A18,C) = E(1,3,5,6)

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4