Sum Kartek Barpier

1804.01016

(1)

BIL - 206

MANTIKSAL TASARIM

15.04.2021

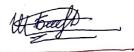
VE DEGIL

VEYA.

2

$$T(p,r) = \overline{p}r + \overline{r}$$

$$(\alpha + \overline{b} + c + d) (f + g + \overline{d} + \alpha + c) (c + \overline{d})$$



BIL-206 Mantiksal Tasarım

15.04.2021

$$F(a,b,c,d) = \sum m(0,1,2,4,5,6,7,8,9,10)$$

abcd	FM	
0000	1 mo	F=abcd+abcd+abed+abed+
0001	1 mg	
0010	1 m2	+ abcd + abcd + abcd + abcd +
0011	0 m3	M3 +abcd + abcd =
0100	1 mg	
0101	1 m5	$= \overline{abc}(\overline{J}+d) + \overline{abcd} + \overline{abcd} +$
0110	1 ms	+ abcd + abcd + abcd + abcd+
0111	1 mz	-
1000	1 mg	
1001	1 mg	=abc +abcd +abcd +abcd+abcd+
1010	1 100	
1011	0 m11	Mt abed + abed + abed + abed.
1100	0 m12	M <sub>12</sub>
1101	0 m13	Mrs
1110	0 mm	M 14
1111	0 m15	Mis.

Veya degil (NOR) kapısı ile tasarlamak.

Mesela: F = ABC = A+B+C

Demek devremite; bu setilde Veya degil Kapisini kullanarak tasarlayacag 12!

3 F = Z (M3, M11, M12, M13, M14, M15)

