Lec 08 Assignment

					,	1	,	,	- ,
		^		Y +	100	′ _ ′	·	_ ′	'
1	71	(a)	$\boldsymbol{\gamma}$	Y +	2/ V	7	+	7/	V 7
А	<i>U</i>	100				_			/ ⊆

		-	C 1
-	24+	X 2'	(Y+Y)

	1 1	,
(6)	2 Y + Y =	Z+ RYZ
	,	
	XYTYZ	fryž
	xy+ Y(=	そイス'も)

7 12	00	0 (11	10	
\circ	1	1	1	1	
1	0	O	1	0	

Z YZ 00 01 11 10 0 1 0 0 1

<i>f</i>
() x Y + Y 2 + Y2
x Y + 2 (Y + Y)
x Y + 2 (1)
,
747

x 12	00	O V	V V	10
\circ	1	1	1	1
1	1	0	0	1

(d)	X Y 2 + X Y 2 + X Y 2
리	x 42 + x4 (2+2)
	7 12 6 21 61

a'	100	
X N ユ エ	25/11	
1-10	<i>~ 1 (1)</i>	•

Constantina management	PLANE COUNTY CONTROL COUNTY	gillibrar Halomair Anar Install	CONTRACTOR OF THE CONTRACTOR O	partitional to marcings mass re-
T	00	01	11	10
\circ	0	0	1	٥
1	1	1	Ð	0

(3)	4-Variat	ما	K-	ma	5

ABED	00	01	11	10
00	mo	mı	mз	шz
01	му	m5	m7	m6
11	w12	m13	m15	МЦ
10	mg	mq	MII	mio

= M4+ M6+ M7+MNT => ABCD+ ABCD+ ABCD

	,		_			_ ,
	, 0	1 . 1 . 1			ກ .	[\(\(\) \)
-Ω	AK	CD4	CD	+	I.SC	[A'D'+AD]
-2	11 + 1	0 10 1	_	١,	1	1
	- '	_				_

		^
	(b) F(A, B, c, D) = \(\sum_{\text{1}} \)	(3,7,11,13,14,15)
1	(> 1 (· · · · · · · · · · · · · · · · · ·	- (

= m3+ m7+ man+ m13+ m14+m15

To the second	ABED	00	01	11	10
SCOOL STORY	00	0	0	1	0
#Elektrings	01	0	0	i	0
SENSORE MAN	11	0	1	1	1
(pertoneur)	10	Ō	0	T	0

1

01

ED ABCD + ABCD + ABCD + ABCD + ABCD + ABCD

(c)
$$F(\omega_{1} \times_{1} \times_{1} \times_{1} \times_{1} \times_{1}) = \sum_{i=1}^{n} (\lambda_{1} \times_{1} \times_{1}$$

=D m2 f m3 f m12 + m43 + m14+m15

ABER	00	01	11	10
00	0	0	1	1
01	0	0	0	0
11	1	1	1	1
10	0	0	0	0

mz = ABCD | mi3 = ABCD

M/2 = ABCD MIS = ABCD

MIY= ABCD

=D ABCD + ABCD + ABCD+ABCD+ABCD+ABCD

= ABC[O'+ D] + ABD[C'+C] + ABD[C'+C] m3 = ABCD

DABC (1) + ABD(1) + ABD(1).

DABC + ABD + ABD

=D ABC + AB (D'+D)

7) ABC + AB(1)

-, ABC + AB

_			
(d) F(WIXIY,Z))= \(\sum_{\text{(}}	11,12,13	(14,15)
=	10011 + 10010	2 f 12/12 f	ha14 + 1001

늬	AB	CD+	ABCD	+ ABCD + ABCD-	+ ABCD
	/				,

=D ABCD + ABC [D'+D] + ABC [D'+D]

= DABCD + ABC (1) + ABC (0)

=0 ABCD + A 13 [C+C]

=DABCD+ABW

=D ABCD+AB

=D A [B'CD+B]

9		TOPANISA OFFICIAL OFFICIAL OFFI	ant in resolution to the man	K. ACAL-PARE PRINTED IN A PER HIGH	SERVINGOLDE ST. R.D. VR.L. red
Water Contractor	ABCD	00	01	11	10
CANSSEME/ALCON	00	0	0	N	0
TENTRALIES	01	0	0	0	0
A45 540 74	11	1	1	1	1
N 400	10	0	2	1	O

1	
mii = ABCP	m14 = ABCD
M12= ABCD	MIS = ABCD
,	
M17 = ABCD	

= m8f m10+ m12+ m13f m14

1.	/ /	, ,	
= ABCD+	ABCD'+	ABCD' + ABC	DFABCD

ABED	00	01	11	10
00	0	0	Ĵ	0
01	0	0	0	0
11	1 12	113	0	1 14
10	1(8)	o í	0	1 10

m13= ABCD

huly = ABCD

m8= ABCD

mo= ABCD

m12= ABCD

= DAB'D'[C'+C] +	ABD'[C+c] +	ABC'D

W

$$A[D'+BC'D]$$

3-Variable K-map

CHOMPSON	X YZ	00	-04	11	10
De Princip De Batter	0	mo	h,	ln3	W2
CALCULATION CONTRACTOR	1	mu	m5	m7	m6

Extra question

(a)	X	Y+	ソモナス	y'2
		7 ′		•

XYZ	00	01	11	10
0	0	Q	1	9
1	0	1	1	1

Em(3,5,7,6) or m3+m5+ m7+m6

(5) CD + ABC' + ABD' + ÁBD

4- variable 12-map

,	eg freview free contemplation and the contemplation of the contemplation							
Contactor Property	MYYZ	00	٧٥	11	10			
Come Section designation	00	mo	hul	Шz	wz			
STATES AND DESCRIPTION OF	01	mu	ms	m7	m6			
No. of Concession, Name of	11	mz	m13	m15	may			
of the Sanker State of the	10	mg	mg	mii	mio			