Lec 08 Assignment

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		^		Y +	1	′ _ ′	·	_ ′	'
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-
TIL	00	01	11	10
\circ	0	0	1	٥
1	1	1	Ð	0

(3)	4-Variable	K-mal	5
	•		

ABED	00	01	11	10
0 0	M0	wι	_{менене} ние М3	m 2
01	мч	m5	m7	m6
11	MIZ	m13	mis	mla
10	mr	mq	WII	mio

= M4 + M6 + M7 + MU = ABCD + ABCD + ABCD

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

= m3+ m7+ mn+ m13+m14+m15

	A SANSON CONTRACTOR	THE PROPERTY PROPERTY AND THE WORLD'S	per en	Licht Nachatharmanian manna	SEPTIMESPOSSIFE STANSONS
	ABCD	00	01	11	10
	00	0	0	1	0
	01	0	0	1	0
Off-Caburage	11	0	1	1	1
Ment of the county	10	0	0	1	0

1

01

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

(c)
$$F(\omega_{1} \times_{1} \times_{1} \times_{1} \times_{1} \times_{1}) = \sum_{i} (\lambda_{1} \lambda_{1} + \lambda_{2} + \lambda_{3} + \lambda_{4} \times_{1} \times$$

=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 and man	K. ACAL-PARE PRINTED IN A PER HIGH	SERVINGOLDE ST. R.D. VILLE
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 ′		•

X Y2	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/november and contract of the contract of th						
Contactor Property	My YZ	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	mny	
of the Sanker State of the	10	mg	mg	mii	mio	