Name: Navroop Chahal UCIO: 30045291

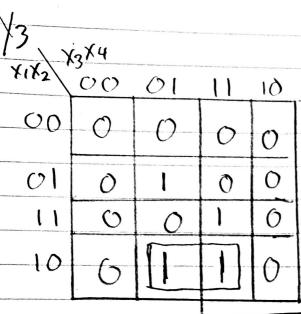
Iruth	table
nput	Output

							The state of the s	
#	\ X	1 4	$\chi_3$	X4	YI	1/2	$\lambda^3$	1 74
0	1	0	11	0	0	0	0	0
			0	1	0	0	0	
2		0	0		0	0	1	0
3	0	1	0	1	0	0		1
4	0	1	1	0	0	1	0	0
5	0	1			0	1	0	1
6	[ ,]	0		The control of the co	0	1	1	0
マ	1	1	1	**	0	1	l	1
8		1	(	0	1	0	0	0
				*				

Y	. v				Va	Ve.				
X, X2	00	. 01	11	10	Y2 x	34 00	01	11	10	•
00	0	0	0	0	00	0	0	0	0	
() T		0	0	0	01	0	0			
		0	0	1	[ ]	0	0		0	
. ~				4	1.0	$\triangle$	$\cap$		0	-
10	0	0	0	O	10					

$$y_1 = x_1 x_2 x_3 x_4$$

 $\gamma_2 = \chi_1' \chi_2 \chi_3 + \chi_1 \chi_3 \chi_4$ 



$$y_3 = x_1 x_2 x_4 + x_1 x_2 x_3 x_4 + x_1 x_2 x_3 x_4$$

¥4	· V.			
$\chi_1\chi_2$	13×4	01		10
00	0	0	0	0
01	0			6
	0			0
10	0	0	0	0