CSEZ60 LAB ASSIGNMENT 5



10: 211015a8 38C210N: 0P

G	=	AB
S	=	A (A) B

Group - 1	
LAB-S	

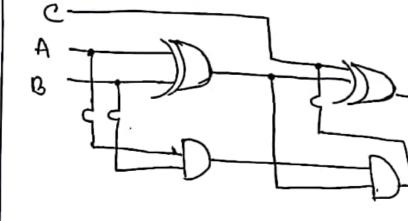
A	В	و	S		
O	0	0	0		
0	1	0	1		
1	0	0	7		
۵	\ \	1	0		



$$\begin{vmatrix} 0 & 1 & 0 \\ 0 & 0 & 1 \end{vmatrix}$$

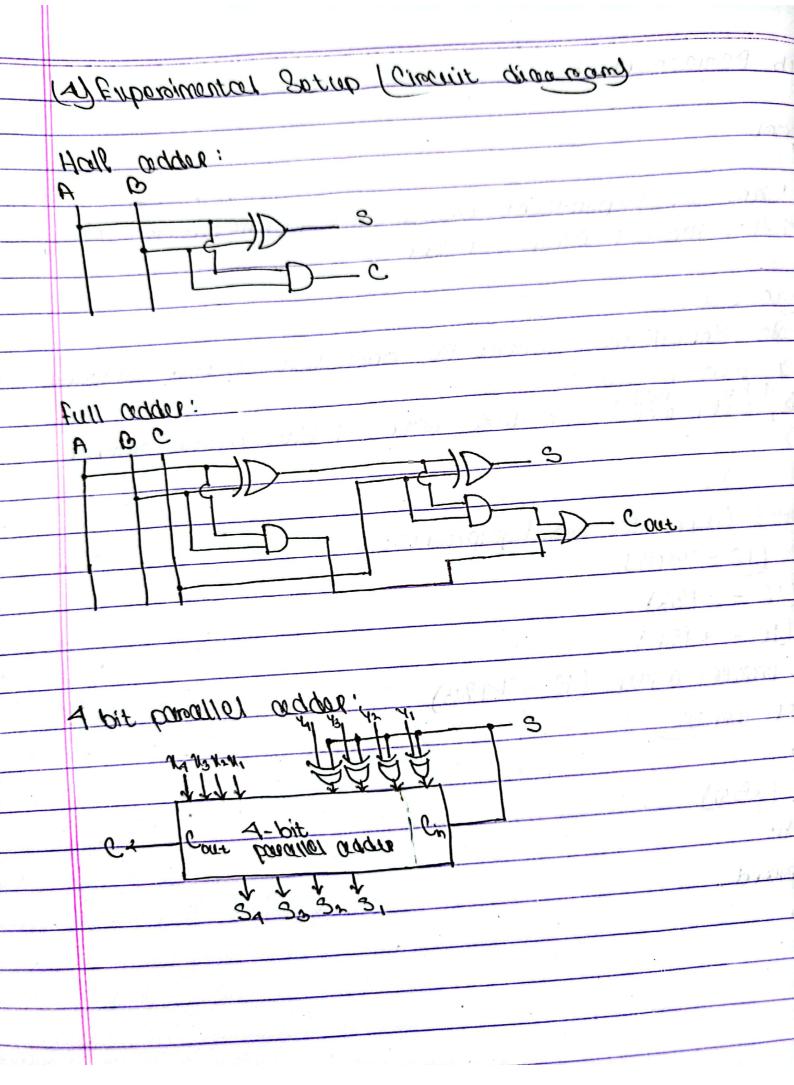
G	=	ВA	+	(A	DB)) C
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	Lab Assignment &
	Report
	CR Name of Enthernment: Design and implementation of
	· Optain Knowledge about the brocognie point addition
_	· Obtain Knowledge about the proof to 4 bits. binger number · Use a dialtal device · Use a dialtal which can take upto 4 bits. binger number
	(a) Required Components and Equipments: • AND (IC - 7492) • XOR (IC - 748b) • 4 bit parallel odder (IC - 7483)
	· Zumper usline
	· UCC (+BW)
_	· Switch.
	· Broadboard.
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(E) Results (Towth Table) and Discussions (supressions)	
improvenens / difficulties age focad etc).	
Results:	
	-
rall adder	
A B ES C	
0 0 0	
0 00 00' - 0 000	
2 = A'B + AB' = A @ B	
C = KB	
full adder	
A C C B Cour	<u> </u>
0 10 10 10	
0 0 1 1 0 0	-
0 1 1 0 1 1 0	
0 1 1 0 1	
1 0 0 1 00 00 00 00 00	J.
1 0 1 0 1	
3 = A'B'C + A'BC' + ABC = A & B & C	
Cont = 4,00 + 40,0 + 400, + 400 = C (400) + 40	5

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0	0	0	1	1	p	0	1	1	0	1	1	€ C		0
0	0	0	b	0	O	1	0	0		15			0	0
0	0		O	1	0	1	0		7-1	+	D	D	0	9
0	0	1	1	0	O	1	1	10		-			0	0
0	0	1	١	1	P	1		++	-	0	0	0	0	51/1
0	1	D	v	C	1	0	10	K			0	1	0	.71
0	1	P	0	1	1	0	0	1		0	1	0	0	1
0	1	lo	1	10	1	0	-	-		0	i	1	0	1
0	1	0	1	1		0	1				0	0	0	1
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	Discussions
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	man occurs in ina councide output.
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