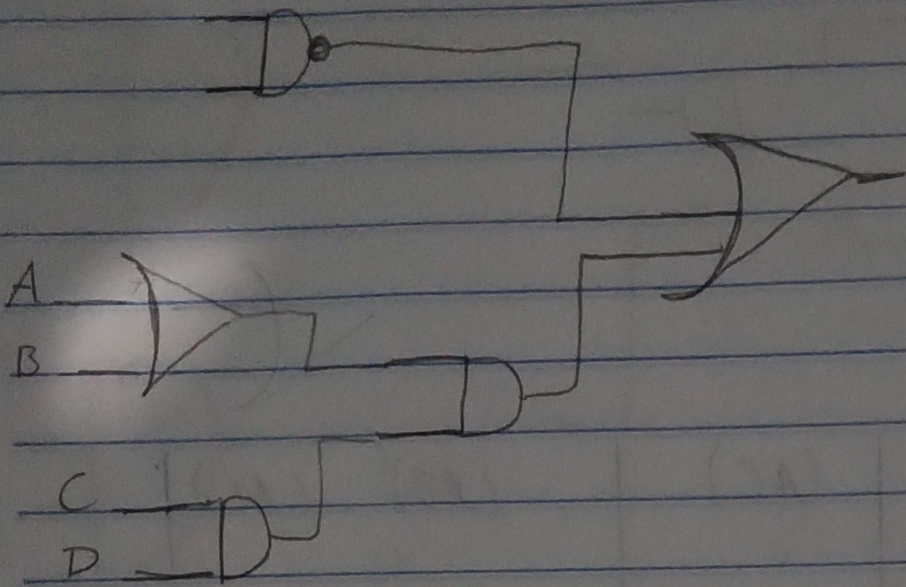


Rafael de Souza Damasceno

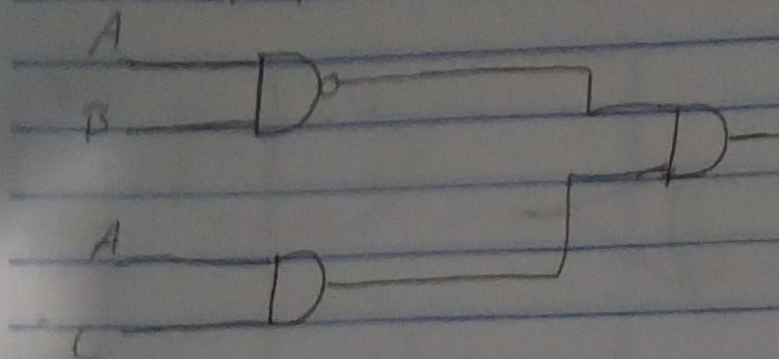
$$L(AB)' + CD(A+B)$$



A	B	C	D	AB	(AB)'	CD	(A+B)	(D(A+B))	S
0	0	0	0	0	1	0	0	0	1
0	0	0	1	0	1	0	0	0	1
0	0	1	0	0	1	0	0	0	1
0	0	1	1	0	1	1	0	0	1
0	1	0	0	0	1	0	1	0	1
0	1	0	1	0	1	0	1	0	1
0	1	1	0	0	1	0	1	0	1
0	1	1	1	0	1	1	1	0	1
1	0	0	0	0	1	0	1	0	1
1	0	0	1	0	1	0	1	0	1
1	0	1	0	0	1	0	1	0	1
1	0	1	1	0	1	1	1	0	1
1	1	0	0	1	0	0	1	0	0
1	1	0	1	1	0	0	1	0	0
1	1	1	0	1	0	0	1	0	0
1	1	1	1	1	0	1	1	0	1



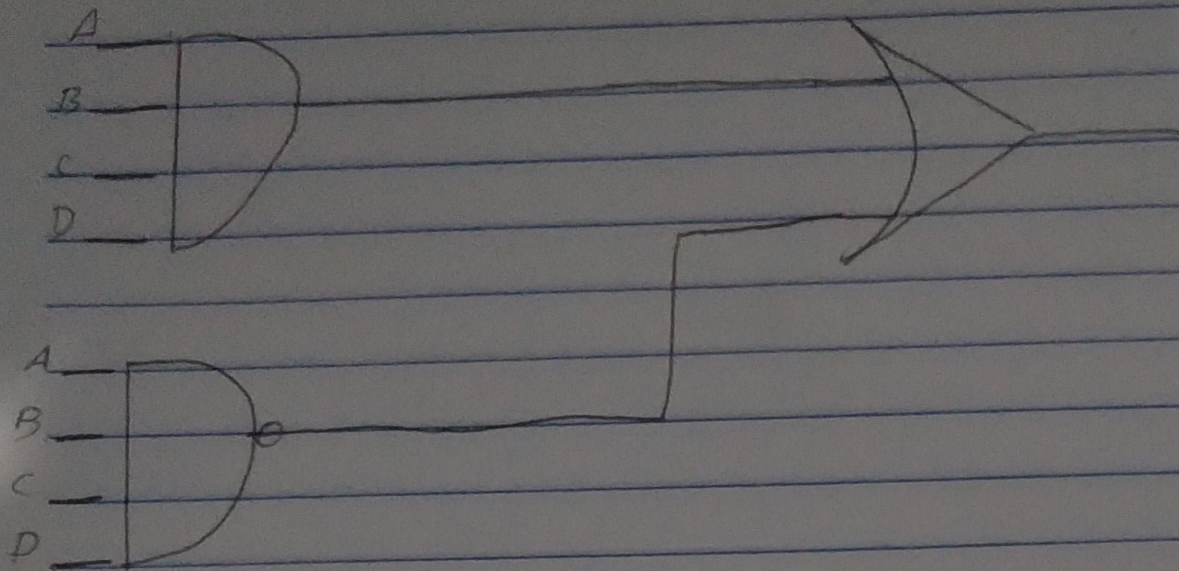
2.  $(A' + B') (AC)$   
 $(AB)' \cdot (AC)$



A	B	C	$(AB)'$	$(AC)$	$(AB)' \cdot (AC)$
0	0	0	1	0	0
0	0	1	1	0	0
0	1	0	1	0	0
0	1	1	1	0	0
1	0	0	1	0	0
1	0	1	1	1	1
1	1	0	0	0	0
1	1	1	0	1	0



$$3) ABCD + (ABCD)'$$



A	B	C	D	A'	B'	C'	D'	ABCD	(ABCD)'	S
0	0	0	0	1	1	1	1	0	1	1
0	0	0	1	1	1	1	0	0	1	1
0	0	1	0	1	1	0	1	0	1	1
0	0	1	1	1	1	0	0	0	1	1
0	1	0	0	1	0	1	1	0	1	1
0	1	0	1	1	0	1	0	0	1	1
0	1	1	0	1	0	0	1	0	1	1
0	1	1	1	1	0	0	0	0	1	1
1	0	0	0	0	1	1	1	0	1	1
1	0	0	1	0	1	1	0	0	1	1
1	0	1	0	0	1	0	1	0	1	1
1	0	1	1	0	1	0	0	0	1	1
1	1	0	0	0	0	1	1	0	1	1
1	1	0	1	0	0	1	0	0	1	1
1	1	1	0	0	0	0	1	0	1	1
1	1	1	1	0	0	0	0	1	0	1