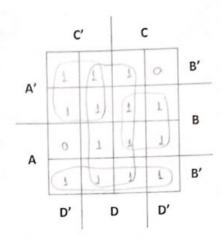
APNP - Semana 5 - Lista OAC - Layla Couto

C1) 5: D+AB'+ A'C'+BC

Situação	A B C D S
0	0000
1	0001
2	0010
3	0011
4	0100
5	0 1 0 1 4
6	0110 1
7	0111
8	1000
9	1001
10	1010
11	1011
12	1100
13	1101
14	1110
15	1111



(2) 5:8'D+ ABC'+ A'B'C+ ABD+ A'CD'+ BC'D

Situação	ABCD	S
0	0000	Ŧ
1	0001	0
2	0010	1
3	0 0 1 1	1
4	0 1 0 0	0
5	0 1 0 1	7
6	0 1 1 0	L
7	0 1 1 1	0
8	1000	3
9	1001	0
10	1010	4
11	1011	0
12	1100	4
13	1101	4
14	1110	0
15	1111	1

	C		С		
A'	1	0	E	13	B'
Α	0	1	0	4	В
Α	Œ	1	D	0,	
Α	1	0	0	1	В
	D'		D	D'	

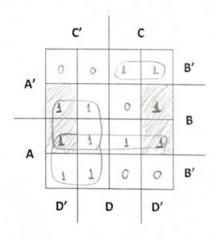
(3) 5 = B'D + AC'D' + A'CD'

Situação	Α	В	C	D	S
0	0	0	0	0	1
1	0	0	0	1	0
2	0	0	1	0	1
3	0	0	1	1	0
4	0	1	0	0	0
5	0	1	0	1	0
6	0	1	1	0	1
7	0	1	1	1	G
8	1	0	0	0	1
9	1	0	0	1	0
10	1	0	1	0	ı
11	1	0	1	1	0
12	1	1	0	0	1
13	1	1	0	1	C
14	1	1	1	0	0
15	1	1	1	1	0

	(. '	(C	
A'	Δ	0	0	1	B
^	0	0	0	1)	В
A	1	0	0	0	Б
^	4	O	0	4	B
	D')	D'	

C4) 5: AB+ BC'+ BD'+ AC'+ A'B'C

Situação	ABCD	S
0	0000	0
1	0001	0
2	0 0 1 0	1
3	0 0 1 1	7
4	0 1 0 0	1
5	0 1 0 1	7
6	0 1 1 0	1
7	0 1 1 1	0
8	1000	۵
9	1001	7
10	1010	0
11	1011	0
12	1 1 0 0	1
13	1 1 0 1	7
14	1 1 1 0	1
15	1111	1



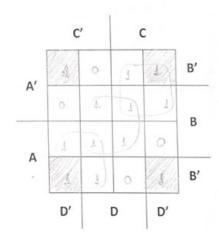
(5) 5: A'B+BC+AB'C'+ A'C'D'+ACD'

Situação	ABCD	S
0	0000	7
1	0001	0
2	0 0 1 0	0
3	0 0 1 1	0
4	0 1 0 0	1
5	0 1 0 1	1
6	0 1 1 0	1
7	0 1 1 1	1
8	1000	J
9	1001	1
10	1010	7
11	1011	0
12	1 1 0 0	0
13	1 1 0 1	0
14	1 1 1 0	7
15	1 1 1 1	1

	С	,	(C	
۸,		0	С	0	B'
A'	1	7	1	1	В
	0	0	1	3	
Α	(1	1)	0	1	B'
	D'		D	D'	

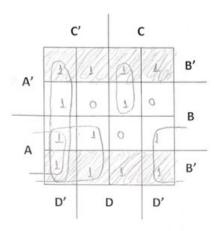
(6) 5: BD + AC'+ A'C + B'O'

Situação	Α	В	С	D	S
0			0		3
1	0	0	0	1	0
2	0	0	1	0	1
3	0	0	1	1	1
4	0	1	0	0	0
5	0	1	0	1	1
6	0	1	1	0	1
7	0	1	1	1	7
8	1	0	0	0	1
9	1	0	0	1	7
10	1	0	1	0	1
11	1	0	1	1	0
12	1	1	0	0	1
13	1	1	0	1	4
14	1	1	1	0	0
15	1	1	1	1	7



C7) 6: B' + AC' + AD' + C'D' + A'CD

Situação	Α	В	C	D	S
0	0	0	0	0	1
1	0	0	0	1	7
2	0	0	1	0	1
3	0	0	1	1	1
4	0	1	0	0	7
5	0	1	0	1	0
6	0	1	1	0	0
7	0	1	1	1	1
8	1	0	0	0	1
9	1	0	0	1	1
10	1	0	1	0	1
11	1	0	1	1	1
12	1	1	0	0	7
13	1	1	0	1	7
14	1	1	1	0	1
15	1	1	1	1	0



C8) 5 = AB + AC

Situação	ABCDS
0	00000
1	00010
2	0010 0
3	00110
4	0100 0
5	0101 0
6	0110 0
7	0 1 1 1 0
8	10000
9	1001 0
10	1010 1
11	1011
12	1100 1
13	1101 1
14	1110 1
15	1111 1

