

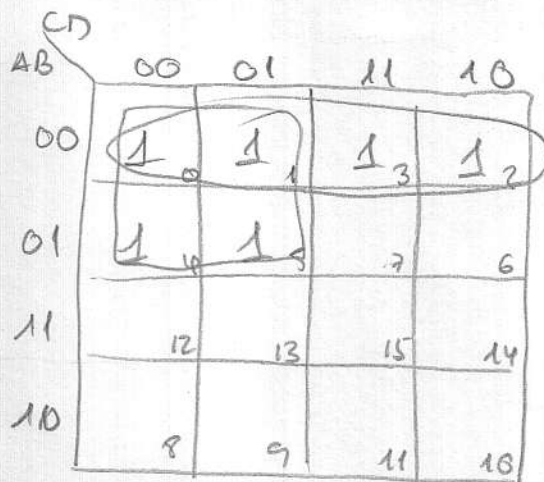
Ejercicio nº 2012-7. E. Digital. Select

Mi	A	B	C	D	S ₁	S ₂	S ₃
0	0	0	0	0	1	0	0
1	0	0	0	1	1	0	0
2	0	0	1	0	1	0	0
3	0	0	1	1	1	0	0
4	0	1	0	0	1	0	0
5	0	1	0	1	1	0	0
6	0	1	1	0	0	0	1
7	0	1	1	1	0	0	1
8	1	0	0	0	0	0	1
9	1	0	0	1	0	0	1
10	1	0	1	0	0	0	1
11	1	0	1	1	0	1	0
12	1	1	0	0	0	1	0
13	1	1	0	1	0	1	0
14	1	1	1	0	0	1	0
15	1	1	1	1	0	1	0

$$S_1 = f(A,B,C,D) = \sum_4(0,1,2,3,4,5)$$

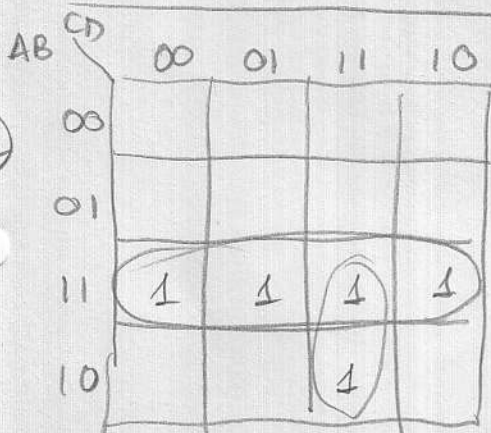
$$S_2 = f(A,B,C,D) = \sum_4(11,12,13,14,15)$$

$$S_3 = f(A,B,C,D) = \sum_4(6,7,8,9,10)$$

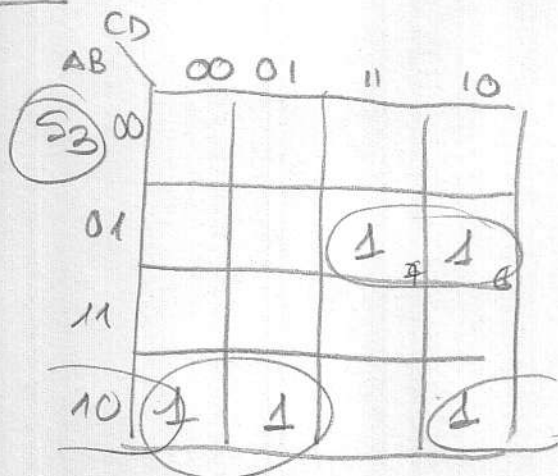


S₁

$$S_1 = \bar{A}\bar{C} + \bar{A}\bar{B}$$



$$S_2 = AB + ACD$$



$$S_3 = \bar{A}BC + A\bar{B}\bar{D} + \bar{A}\bar{B}\bar{C}$$

