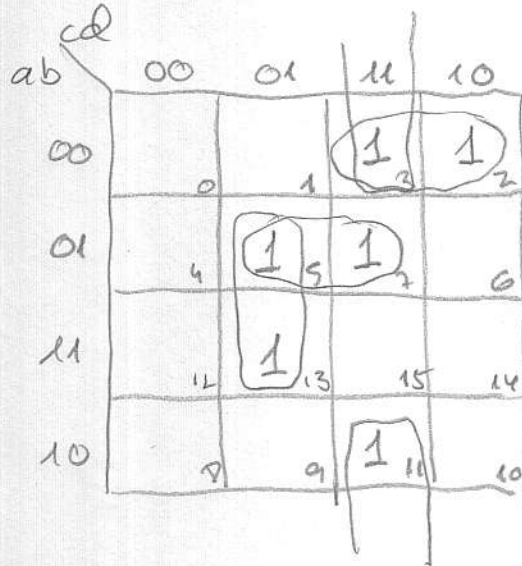


Ejercicio nº 2012-1. E. Digital. Selectividad.

mintermi	a	b	c	d	f
0	0	0	0	0	0
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	0
7	0	1	1	1	1
8	1	0	0	0	0
9	1	0	0	1	0
10	1	0	1	0	0
11	1	0	1	1	1
12	1	1	0	0	0
13	1	1	0	1	1
14	1	1	1	0	0
15	1	1	1	1	0

$$f(a,b,c,d) = \sum_m (2,3,5,7,11,13)$$



Agupaciones

(3-11): $\bar{b}cd$

(2-3): $\bar{a}\bar{b}c$

(9-3): $b\bar{c}d$

(5-7): $\bar{a}bd$

$$f(a,b,c,d) = \bar{b}cd + \bar{a}\bar{b}c + b\bar{c}d + \bar{a}bd$$

