5. Minimile la funcion de connuter avai

$$E(a,b,c,d) = \sum (0,1,2,3,4,6,7,8,9,11,15)$$

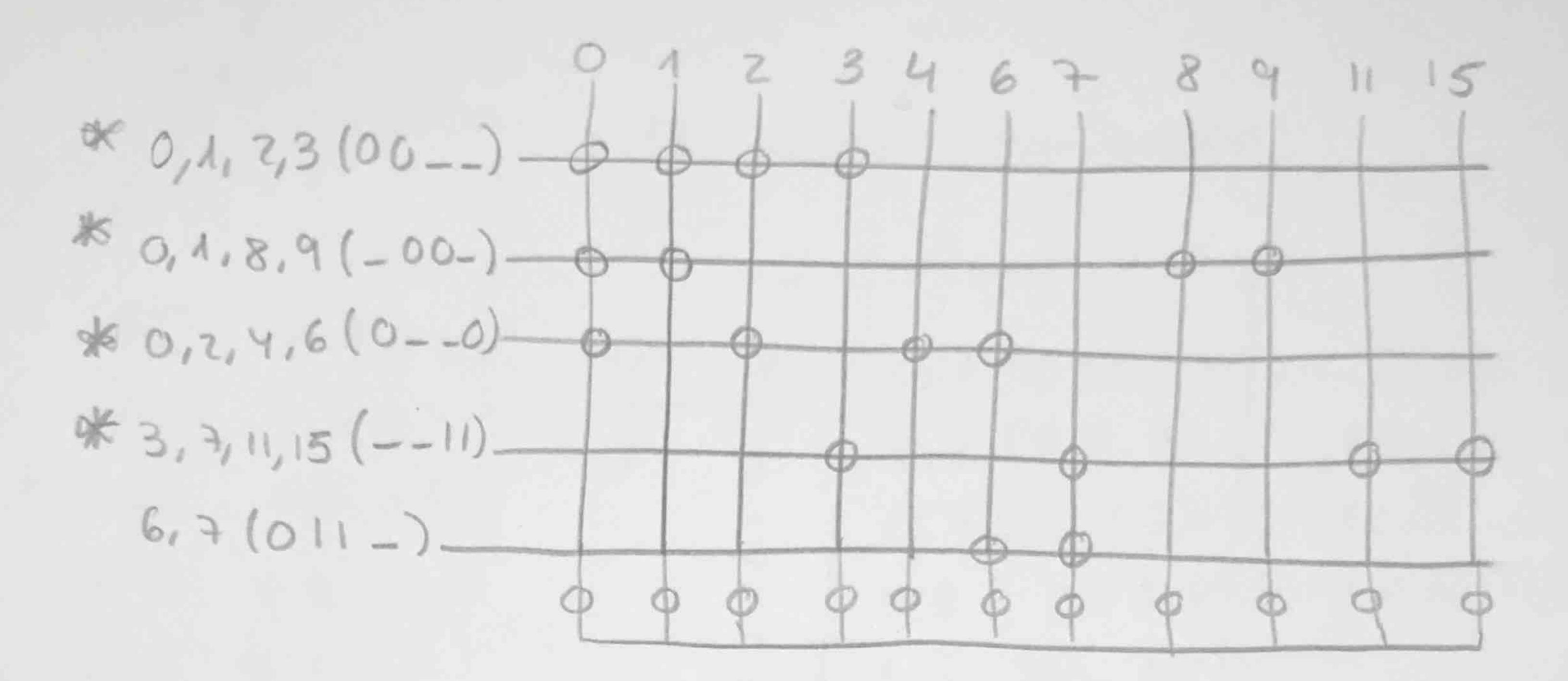
mediante el algoritmo de Quine-McCluskey y el de los mapas de Karnaugh.

Las Forma normal dusyuutiva

6			MARA DE KARNAUGH
		A	
			200 00 01 11 10
		1	00 110
	7	1	01 40001
		0	11 1 1
	1 1	0	10 11 10 0
		0	$F = \bar{a}\bar{b} + cd + \bar{a}\bar{d} + \bar{b}\bar{c}$
1	1	1	F-UUTCOTUUT

OF LGORITMO DE QUINE-MCCLUSKEY

	3 6 9 7 1	0, 1 (000_) $0,1,2,3(00)$ * 0,2 (00_0) $0,1,89(-00)$ * 0,4 (0_00) $0,2,4.6(00)$ * 0,8 (_000) $3,7,11,15(-11)$ \$ 1,3 (00_1) $1,3$ (00_1) $1,3$ (00_1) $1,3$ (00_1) $1,3$ (00_1) $1,3$ (00_1) $1,3$ (00_1) $1,3$ (00_1) $1,3$ (00_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (01_1) $1,3$ (
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Implicante	Patron	Phoducto
0, 1, 2, 3		56
0, 1, 8, 9		5 6
0,2,4,6		
3, 7, 11,15		Col