

f(n,y,z)=をサモタナで引

b) 19 F.C. f(ny, z) = mo+m2+m3+m4+m5+m6
29 F.C. f(ny, z) = 181. 187

139 e49 2

Formas canómicas

= 19 F.C. f(10,121, ..., 12n-1) = \(\sum_{i=0}^{2^n-1} \) fimi → miniternes

39 F.C. P(10, Ny, Now) = (1727 - (Fi mi))

(82 F. C. f(10, N1, ..., Nn-1) = (52n-1 (Fi+1Pi))

, 29 F.C f(No,M,.., No.) = Ti=0 (fi+rfi) → maxtermos

e)
$$f(x,y,z) = \overline{x}y(z+\overline{z}) + \overline{z}(x+\overline{x})(y+\overline{y}) + x\overline{y}z$$

$$= \overline{x}yz + \overline{x}y\overline{z} + (\overline{z}x + \overline{z}\overline{x})(y+\overline{y}) + x\overline{y}z$$

$$= \overline{x}yz + \overline{x}y\overline{z} + xy\overline{z} + x\overline{y}\overline{z} + \overline{x}y\overline{z} + \overline{x}\overline{y}\overline{z} + x\overline{y}z$$

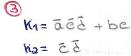
$$= \overline{x}yz + \overline{x}y\overline{z} + xy\overline{z} + x\overline{y}\overline{z} + \overline{x}\overline{y}\overline{z} + x\overline{y}z$$

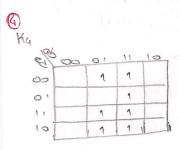
$$= \overline{x}yz + \overline{x}y\overline{z} + xy\overline{z} + x\overline{y}\overline{z} + x\overline{y}\overline{z} + x\overline{y}z$$

$$= m_3 + m_2 + m_6 + m_4 + m_9 + m_8$$

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(5)	E(a,b,c,d)=	à6+	5 c	+	acd tabe
_	E(a,b,c,d) =	ac+	P C	7	urce !

2)	96	90	01	11	19
	00 0/40	1	1		9
	01	1	1		11
	11			12	1
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(E) \$(no, n, na, na) = \(\sigma_{no, m, na, n3} \) (0, 1, 4, 5, 12, 13)

2						
No. N.	00	01	-	1	1	10
00	10	1	4	1	12	9
01	1	1	5	1	3	5
11	3		7		15	11
10	2		6		14	10

b) P(no, m, no, no) = Tirko, m, no, no (0,3,6, 7,8,9,10,11,14,15)



a) $f(\omega, x, y, z) = \sum_{m \in \{x, y, z\}} \{0, 1, 2, 4, 6, 5, 11\}$



· Implicante

L) Associação de termos minimos

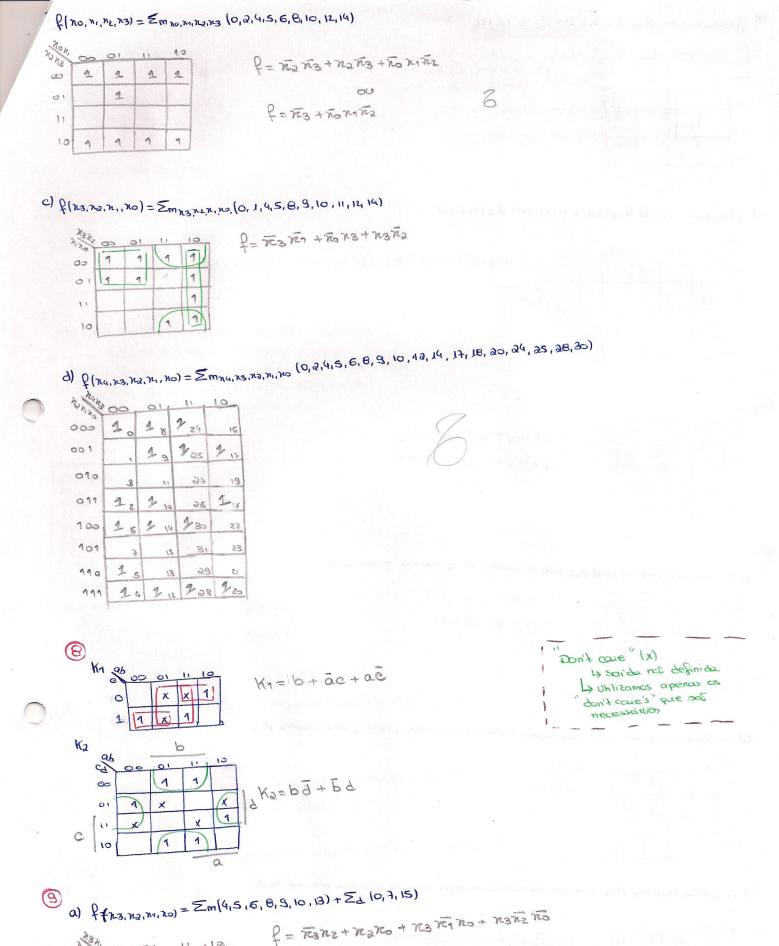
· Implicante Pramo

L) Implicante que not pade se combinado com outro implicante poua eliminar um termo

· Implicante Primo Essencial

L) se um termo do ON-SET está cobello por um único implicante presmo, entre esse implicante e essercial

La Ha pelo menos um temo mínimo que é coberto a penas e só por este implicante



7.3 M

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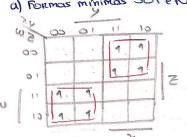
p)	f(13,20,21,20) =	Em (1,3,5,7,9)+\(\xi\)(6,10,13)
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South of the second	00	01	11	10
00)		X	
01	1	2	X	2
11	2	1		
10	Service Control	×		.

c) f(n3,n2,n,n0)= # Tif(1,2,3,1),12,14). Td(0,7,15)

3, 85				
48/8	00	01	111	10
00	X.	ų	0	
01	0.	.5,		
11	6.	X	1	0
10	0/1		0	

a) Formas mynimas SOPe Pos têm o mesmo nº de termos e varióveis



b) A forma mínima SOP tem menos termos evarióveis que a forma mínima POS

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00	PASTER SERVICE	Section of the least	Andreas Contraction of	1	11
0	Salasa		- Annihola Mila	1	1
10	13	1		WHICH THE MESSES	AND DESCRIPTION OF THE PERSON

c) A forma mínima POS tem menos termos evanidoreis que a forma mínima SOP.

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