

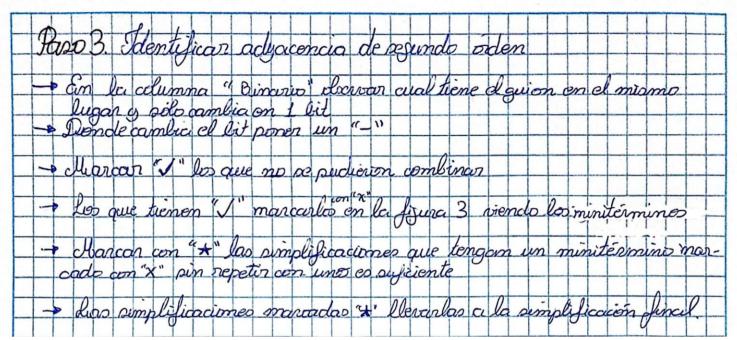
Minter	Α	В	C	D	Indice		-	-	-	-	\vdash
1	0	0	0	1	1] -	-	+		+	+
5	0	1	0	1							
6	0	1	1	0	2	_		-		-	-
10	1	0	1	0		1 24		-			
12	1	1	0	0							
11	1	0	1	1		1	-	-	-	-	+
7	0	1	1	1	3	-		+			
13	1	1	0	1							
15	1	1	1	1	4	1-	- 1	12 2	1		-

Ejercicio $F(A, B, C, D) = \sum_{m(1,5,6,7,10,11,12,13,15)}$

Paso 2: Identificar cuales cambian en solo 1 bit y ese bit cambiarlo por un "-"

Minter	Α	В	С	D	Indice
1	0	0	0	1	1
5	0	1	0	1	
6	0	1	1	0	2
10	1	0	1	0	2
12	1	1	0	0	
11	1	0	1	1	
7	0	1	1	1	3
13	1	1	0	1	
15	1	1	1	1	4

Minter		Α	В	С	D	Binario	Binario
1	1	0	0	0	1	0-01	1
5	5	0	1	0	1	0-01	1
5	5	0	1	0	1	01-1	
7	7	0	1	1	1	01-1	
5	5	0	1	0	1	-101	
13	13	1	1	0	1	-101	
6	6	0	1	1	0	011-	2
7	7	0	1	1	1	011-	
10	10	1	0	1	0	101-	
11	11	1	0	1	1	101-	
12	12	1	1	0	0	110-	
13	13	1	1	0	1	110-	
7	7	0	1	1	1	-111	
15	15	1	1	1	1	-111	
11	11	1	0	1	1	1 11	3
15	15	1	1	1	1	1-11	3
13	13	1	1	0	1	11-1	
15	15	1	1	1	1	TT-T	



Ejercicio $F(A, B, C, D) = \sum m(1,5,6,7,10,11,12,13,15)$

S

CP CP

Paso 3: Identificar adyacencias de 2do orden

Mir	nter	Α	В	С	D	Binario	Binario
1	1	0	0	0	1	0-01 🗸	1
5	5	0	1	0	1	0-01	1
5	5	0	1	0	1	01-1	
7	7	0	1	1	1	01-1	
5	5	0	1	0	1	-101	
13	13	1	1	0	1	-101	
6	6	0	1	1	0	011- 🗸	2
7	7	0	1	1	1	011-	2
10	10	1	0	1	0	101- 🗸	
11	11	1	0	1	1	101-	
12	12	1	1	0	0	110-	
13	13	1	1	0	1	110-	
7	7	0	1	1	1	-111	
15	15	1	1	1	1	-111	
11	11	1	0	1	1	1-11 🗸	3
15	15	1	1	1	1	T-T1 🔨	3
13	13	1	1	0	1	11-1	
15	15	1	1	1	1	11-1	

Minter	Α	В	С	D	Binario
5 7	0	1	-	1	1 1
13 15	1	1	-	1	-1-1
5 13	-	1	0	1	1 1
7 15	-	1	1	1	-1-1

							_		_
Simplificación	1	5	6	7	10	11	12	13	15
★ S1	*	*							
★ S2			×	×					
★ \$3					×	×			
★ \$4							*	×	
\$5						×			×
★ S6		×		×				×	×

$$F(A,B,C,D) = \overline{A} \overline{C} D + \overline{A} BC + A \overline{B} C + A B \overline{C} + BD$$

