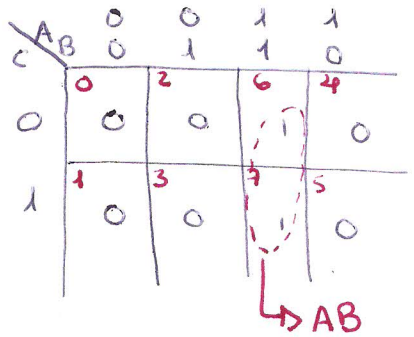
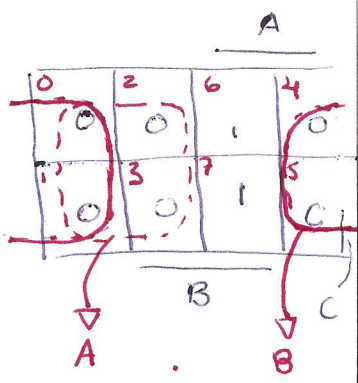
SL

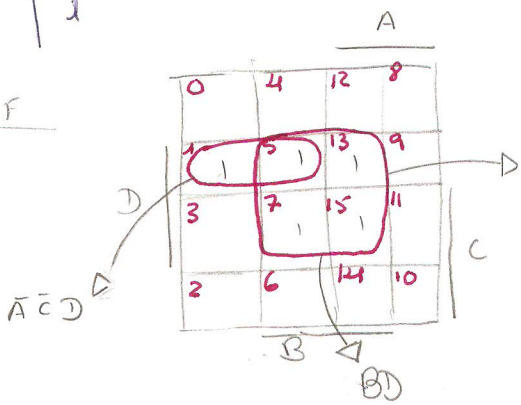
22-09-2011

	A	B	C	F
0	0	0	0	0
1	0	0	1	0
2	0	1	0	0
3	0	1	1	0
4	1	0	0	0
5	1	0	1	0
6	1	1	0	1
7	1	1	1	1

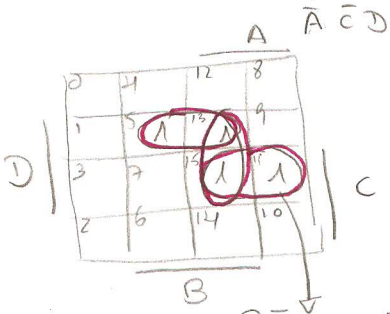




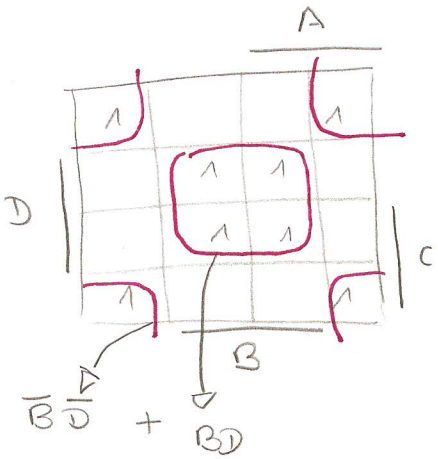
	A	B	C	D	F



$\bar{A}\bar{B}\bar{C}\bar{D} + \bar{A}B\bar{C}D + \bar{A}BC\bar{D} + AB\bar{C}\bar{D} + \bar{A}B\bar{C}D$



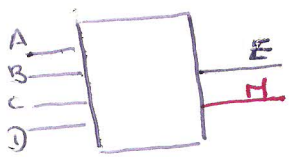
$\bar{A}\bar{C}\bar{D} + BD$



	A	B	C	D	E	M	$B\bar{C}D$	$A\bar{B}D$	$AC\bar{D}$
0	0	0	0	0	0	0			
1	0	0	0	1	0	0			
2	0	0	1	0	0	0			
3	0	0	1	1	1	X			
4	0	1	0	0	0	0			
5	0	1	0	1	1	X	1		
6	0	1	1	0	1	X			
7	0	1	1	1	0	1			
8	1	0	0	0	0	0			
9	1	0	0	1	1	X			
10	1	0	1	0	1	X			1
11	1	0	1	1	0	1			
12	1	1	0	0	1	X			
13	1	1	0	1	0	1	1	1	
14	1	1	1	0	0	1			
15	1	1	1	1	0	1		1	1

$E = \Sigma(3,5,6,9,10,12)$

$= \Pi(0,1,2,4,7,8,11,13,14,15)$



$M = \Sigma(7,11,13,14,15) + \emptyset(3,5,6,9,10,12)$

$= \Pi(0,1,2,4,8) + \emptyset(3,5,6,9,10,12)$