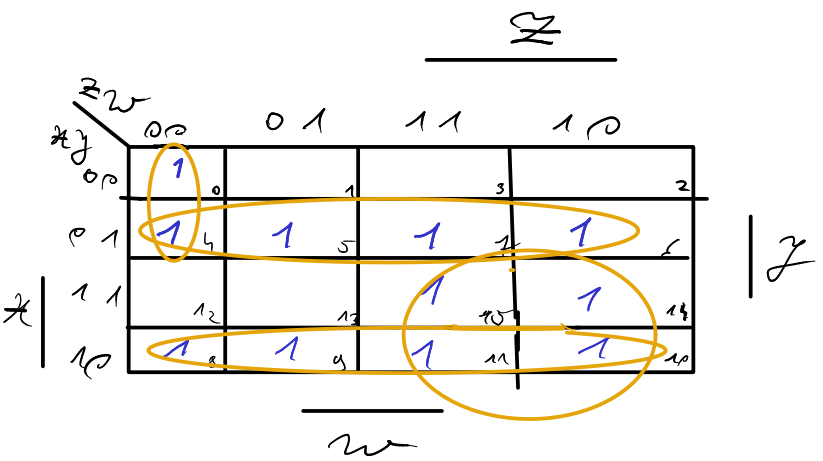
$F_2 = \Pi(1,2,3,12,13) = \Sigma(0,4,5,6,7,8,9,10,11,14,15)$

→ minim 16 poziții $\Rightarrow \log_2 16 = 4$ biți de intrare

→ produs de MAXtermeni $\Rightarrow$ Not. "0" în tabelul de adevăr

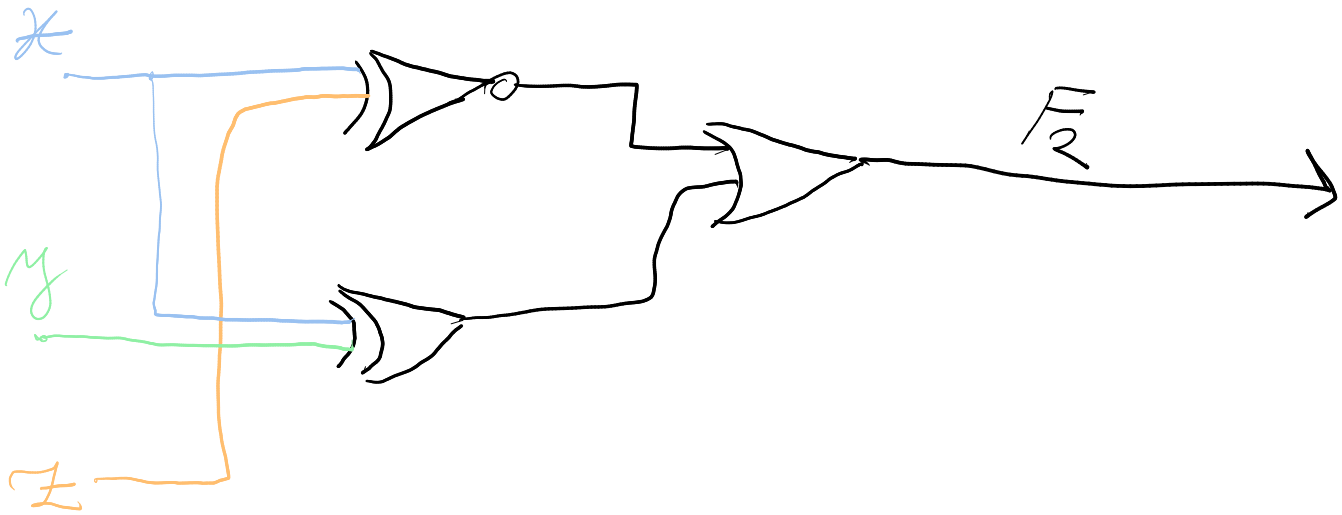
x	y	z	w	F_2	
0	0	0	0	1	0
0	0	0	1	0	1
0	0	1	0	0	2
0	0	1	1	0	3
0	1	0	0	1	4
0	1	0	1	1	5
0	1	1	0	1	6
0	1	1	1	1	7
1	0	0	0	1	8
1	0	0	1	1	9
1	0	1	0	1	10
1	0	1	1	1	11
1	1	0	0	0	12
1	1	0	1	0	13
1	1	1	0	1	14
1	1	1	1	1	15



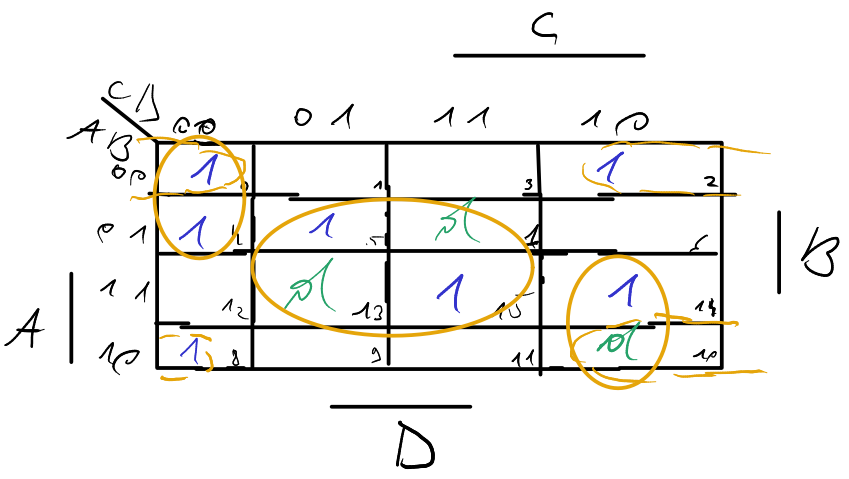
$\bar{x}\bar{z} + \bar{x}y + xz + x\bar{y}$

$(x+z)(x+\bar{y})(\bar{x}+\bar{z})(\bar{x}+y)$

$x \oplus z + x \oplus y$

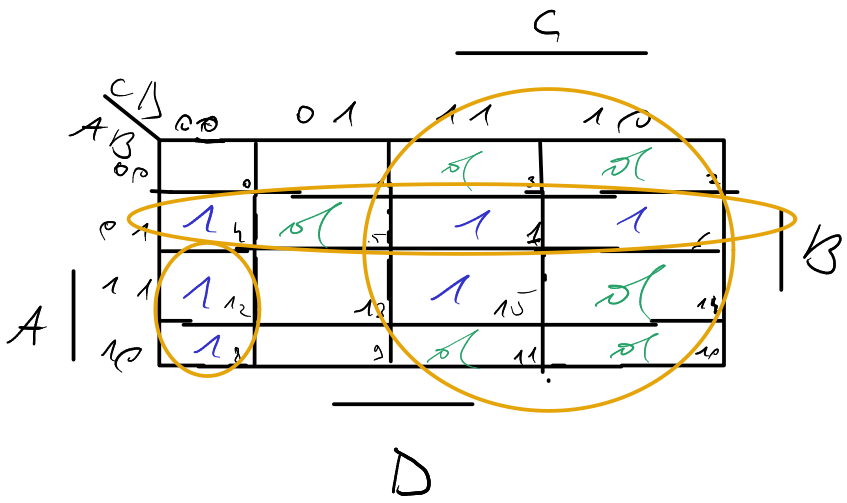


k) $F_k(A,B,C,D) = \Sigma(0,2,4,5,8,14,15) + \delta(7,10,13)$



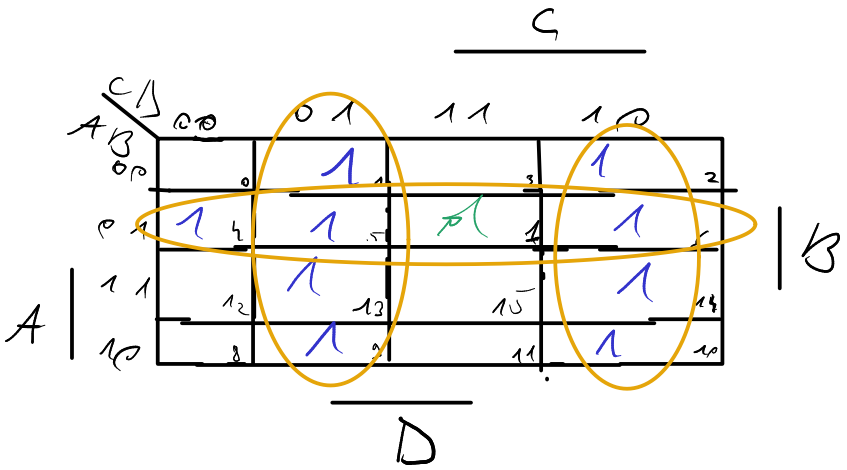
$\bar{A}\bar{B}\bar{D} + \bar{A}\bar{C}\bar{D} + DB + AC\bar{D} + A\bar{B}\bar{D}$

l) $F_l(A,B,C,D) = \Sigma(4,6,7,8,12,15) + \delta(2,3,5,10,11,14)$



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

ł) $F_ł(A,B,C,D) = \Sigma(1,2,4,5,6,9,10,13,14) + \delta(7)$



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