ΑΣΚΗΣΗ 3

X_1	X_2	X_3	X_4	f
0	0	0	0	0
0	0	0	1	0
0	0	1	0	0
0	0	1	1	1
0	1	0	0	1
0	1	0	1	1
0	1	1	0	1
0	1	1	1	1
1	0	0	0	0
1	0	0	1	0
1	0	1	0	0
1	0	1	1	1
1	1	0	0	0
1	1	0	1	0
1	1	1	0	0
1	1	1	1	1

ΑΣΚΗΣΗ 3

X_3,X_4 \ X_1,X_2	00	01	11	10
00	0 (0)	1 (4)	0 (12)	0 (8)
01	0 (1)	1 (5)	0 (13)	0 (9)
11	1 (3)	1 (7)	1 (15)	1 (11)
10	0 (2)	1 (6)	0 (14)	0 (10)

$X_3 X_4$

$X_1' X_2$

$$\boxed{SOP} : F(X_1, X_2, X_3, X_4) = X_1' X_2 + X_3 X_4$$