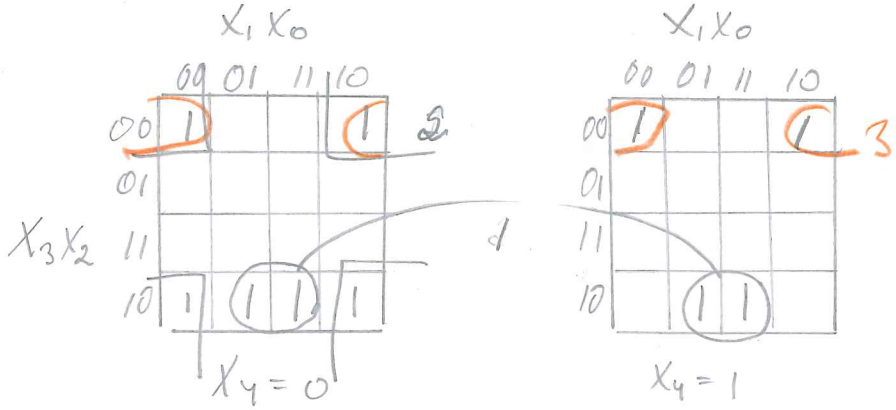
Föreläsning 6/10 – 14

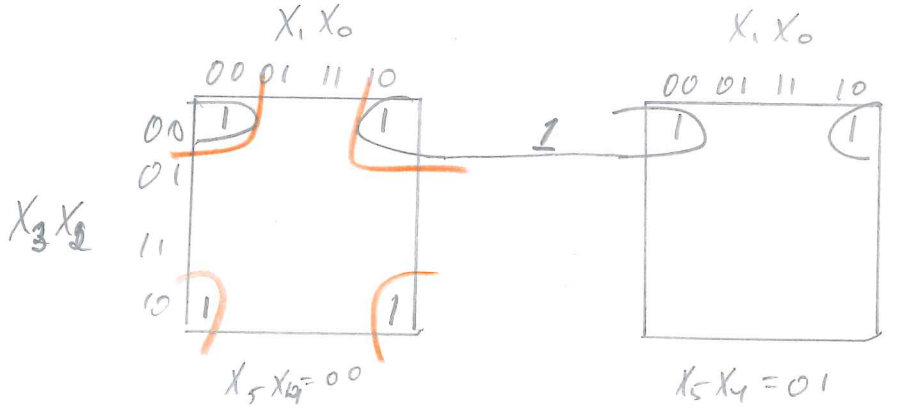
Ex] Förenkla $f = \Sigma(0, 2, 8, 9, 10, 11, 16, 18, 25, 27)$

	X_4	X_3	X_2	X_1	X_0	f
0	0	0	0	0	0	1
2	0	0	0	1	0	1
8	0	1	0	0	0	1
9	0	1	0	0	1	1
10	0	1	0	1	0	1
11	0	1	0	1	1	1
16	1	0	0	0	0	1
18	1	0	0	1	0	1
25	1	1	0	0	1	1
27	1	1	0	1	1	1

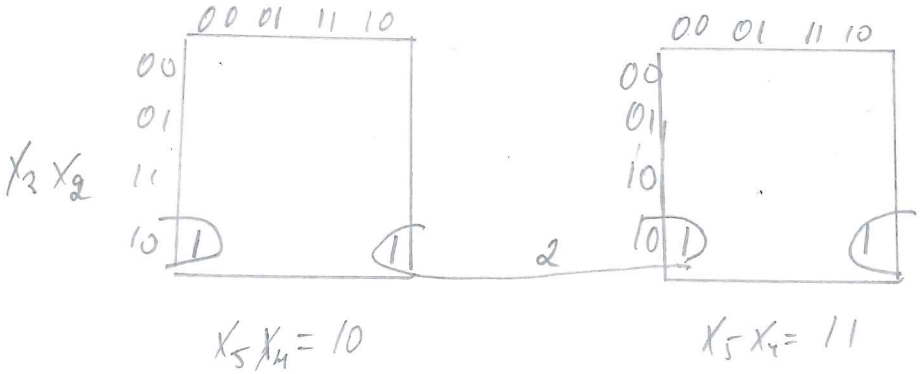


$$f = X_3' \cdot X_2' \cdot X_0' + X_4' \cdot X_2' \cdot X_0' + X_3' \cdot X_2' \cdot X_0'$$

Ex] Förenkla $f = \Sigma(0, 2, 8, 10, 24, 26, 40, 42, 56, 58)$



X_5	X_4	X_3	X_2	X_1	X_0	f
0	0	0	0	0	0	1
0	0	0	0	1	0	1
0	0	1	0	0	0	1
0	0	1	0	1	0	1
0	1	0	0	0	0	1
0	1	0	1	0	0	1
1	0	1	0	0	0	1
1	0	1	0	1	0	1
1	1	0	0	0	0	1
1	1	0	0	1	0	1



$$f = X_5' \cdot X_3' \cdot X_2' \cdot X_0' + X_5 \cdot X_3 \cdot X_2' \cdot X_0' + X_5' \cdot X_4' \cdot X_2 \cdot X_0'$$