

Σ	x_2	x_1	x_0	v	C	x_2	x_1	x_0	v	Σ	x_2	x_1	x_0
0	0	0	0	v	0,2	0	-	0	v	0,2,1	-	-	0
2	0	-1	0	v	0,4	-	0	0	v	4,6	-	-	0
4	1	0	0	v	2,6	-	1	0	v	4,5,6,7	1	-	-
5	1	0	1	v	4,5	1	0	-	v	7			
6	1	1	0	v	4,6	1	-	0	v				
7	1	1	1	v	5,7	1	-	1	v				
					6,7	1	1	-					

$$Y = \bar{x}_0 + x_2$$

Ausgangsfunktion: Karnaugh Beispiel: $f(x) = \overline{\prod_{10, 11, 12, 13, 14, 15}}$

x_1			
x_0			
x_3			
1	0	1	0
1	1	0	1
1	0	1	0
1	1	1	0
1	0	0	1
1	1	0	0
1	0	1	1
1	1	1	1

$$Y = (\bar{x}_3 + \bar{x}_1)(\bar{x}_3 + \bar{x}_2)$$

Σ	x	Σ	x	Σ	x
3 2 1 0		3 2 -1 0		3 2 1 0	
10 1 0 1 0		10, 11 1 0 1 -		10, 11, 14, 15 1 - 1 -	
12 -1 1 0 0		10, 14 1 - 1 0		14, 15 1 1 - -	
11 1 0 1 1		12, 13 1 1 0 -		12, 13, 14, 15	
13 1 1 0 1		12, 14 1 1 - 0			
14 1 1 1 0					
15 -1 1 1 1		11, 15 1 - 1 1			
		13, 15 1 1 - 1			
		14, 15 1 1 1 -			

$$\begin{aligned} x &\rightarrow 0 \\ \bar{x} &\rightarrow 1 \end{aligned}$$

$$(\bar{x}_3 + \bar{x}_1)(\bar{x}_3 + \bar{x}_2)$$