$x_1x_2x_3x_4$	$(x_1 \uparrow x_2)\cdot(x_3 \uparrow x_4)$			M	m
0000	1	1	1	M_{15}	m_0
0001	1	1	1	M_{14}	m_1
0010	1	1	1	M_{13}	m_2
0011	1	0	0	M_{12}	m_3
0100	1	1	1	M_{11}	m_4
0101	1	1	1	M_{10}	m_5
0110	1	1	1	M_9	m_6
0111	1	0	0	M_8	m_7
1000	1	1	1	M_7	m_8
1001	1	1	1	M_6	m_9
1010	1	1	1	M_5	m_{10}
1011	1	0	0	M_4	m_{11}
1100	0	0	1	M_3	m_{12}
1101	0	0	1	M_2	m_{13}
1110	0	0	1	M_1	m_{14}
1111	0	0	0	M_0	m_{15}

PKNO:

Eksplicitna oblika

$$\&^4(12,8,4,3,2,1,0) = (x_1 \vee x_2 \vee \overline{x_3} \vee \overline{x_4})(x_1 \vee \overline{x_2} \vee \overline{x_3} \vee \overline{x_4})\cdot$$

$$\cdot(\overline{x_1} \vee x_2 \vee \overline{x_3} \vee \overline{x_4})(\overline{x_1} \vee \overline{x_2} \vee x_3 \vee x_4)\cdot$$

$$\cdot(\overline{x_1} \vee \overline{x_2} \vee x_3 \vee \overline{x_4})(\overline{x_1} \vee \overline{x_2} \vee \overline{x_3} \vee x_4)\cdot$$

$$\cdot(\overline{x_1} \vee \overline{x_2} \vee \overline{x_3} \vee \overline{x_4})$$

$$f(x_1,x_2,x_3,x_4) = \&^4(12,8,4,3,2,1,0)$$

Skrajšana oblika

PDNO:

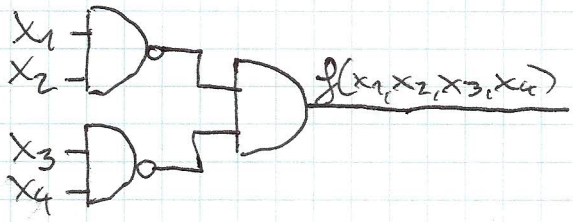
$$\vee^4(0,1,2,4,5,6,8,9,10) =$$

Eksplicitna oblika

$$= \overline{x_1}\,\overline{x_2}\,\overline{x_3}\,\overline{x_4} \vee \overline{x_1}\,\overline{x_2}\,\overline{x_3}\,x_4 \vee \overline{x_1}\,\overline{x_2}\,x_3\,\overline{x_4} \vee \overline{x_1}\,x_2\,\overline{x_3}\,\overline{x_4} \vee$$

$$\vee\, \overline{x_1}\,x_2\,\overline{x_3}\,x_4 \vee \overline{x_1}\,x_2\,x_3\,\overline{x_4} \vee x_1\,\overline{x_2}\,\overline{x_3}\,\overline{x_4} \vee x_1\,\overline{x_2}\,\overline{x_3}\,x_4 \vee$$

$$\vee\, x_1\,\overline{x_2}\,x_3\,\overline{x_4}$$

$$f(x_1,x_2,x_3,x_4) = \vee^4(0,1,2,4,5,6,8,9,10)$$

Skrajšana oblika