

(7)

a	b	c	d	x	y	z	t
0	0	0	0	1	0	0	1
0	0	0	1	1	0	0	0
0	0	1	0	0	1	1	1
0	0	1	1	0	1	1	0
0	1	0	0	0	1	0	1
0	1	0	1	0	1	0	1
0	1	1	0	0	1	0	1
0	1	1	1	0	1	0	1
0	1	0	0	0	1	0	1
0	1	0	1	0	1	0	0
0	1	1	0	0	0	1	1
0	1	1	1	0	0	1	0
1	0	0	0	0	0	0	1
1	0	0	1	0	0	0	0

wysoko(d)

wysoko  
(g-d)

Rysujemy 4 mapy Karnaugh:

(1)

$$x = \bar{a} \bar{b} \bar{c}$$

$$(2) y = \bar{a} b \bar{c} + \bar{a} \bar{b} c$$

a\b	00	01	11	10
00	0	0	1	1
01	1	1	0	0
11	X	X	X	X
10	0	0	X	X

a\b	00	01	11	10
00	0	1	1	0
01	0	0	0	0
11	X	X	X	X
10	0	0	X	X

$$(3) z = \bar{a} \bar{b} c$$

a\c	00	01	11	10
00	0	0	1	1
01	0	0	0	0
11	X	X	X	X
10	0	0	X	X