

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	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

wyższe (d)

wyższe (y-d)

Rysujemy 4 mapy Karnaugh:

(1)

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

ab \ cd	00	01	11	10
00	1	1	0	0
01	0	0	0	0
11	X	X	X	X
10	0	0	X	X

(2)

$$y = b\bar{c} + \bar{a}\bar{b}c$$

ab \ cd	00	01	11	10
00	0	0	1	1
01	1	1	0	0
11	X	X	X	X
10	0	0	X	X

(3)

$$z = c$$

ab \ cd	00	01	11	10
00	0	0	1	1
01	0	0	1	1
11	X	X	X	X
10	0	0	X	X