D	C	В	A	a	b	c	d	e	f	g	Decimal
0	0	0	0	1	0	0	1	1	1	1	0
0	0	0	1	0	0	1	0	0	1	0	1
0	0	1	0	0	0	0	0	1	1	0	2
0	0	1	1	1	0	0	1	1	0	0	3
0	1	0	0	0	1	0	0	1	0	0	4
0	1	0	1	0	1	0	0	0	0	0	5
0	1	1	0	0	0	0	1	1	1	1	6
0	1	1	1	0	0	0	0	0	0	0	7
1	0	0	0	0	0	0	1	1	0	0	8
1	0	0	1	0	0	0	0	0	0	1	9

Table 1: Truth table for display decoder.