Sprawozdanie

Lab. 4

Zadanie 1

X = ∑ [1,3,11,12,13,14,15],

AB/CD	00	01	11	10
00	0	1	1	0
01	0	0	0	0
11	1	1	1	1
10	0	0	1	0

AB +ACD +!A!BD

Y = ∑ [0,1,2,3,7,12,14],

AB/CD	00	01	11	10
00	1	1	1	1
01	0	0	1	0
11	1	0	0	1
10	0	0	0	0

!A!B+!ACD+AB!D

Z = ∑ [0,2,3,7,11,13,15]

AB/CD	00	01	11	10
00	1	0	1	1
01	0	0	1	0
11	0	1	1	0
10	0	0	1	0

CD+ABD+!A!B!D
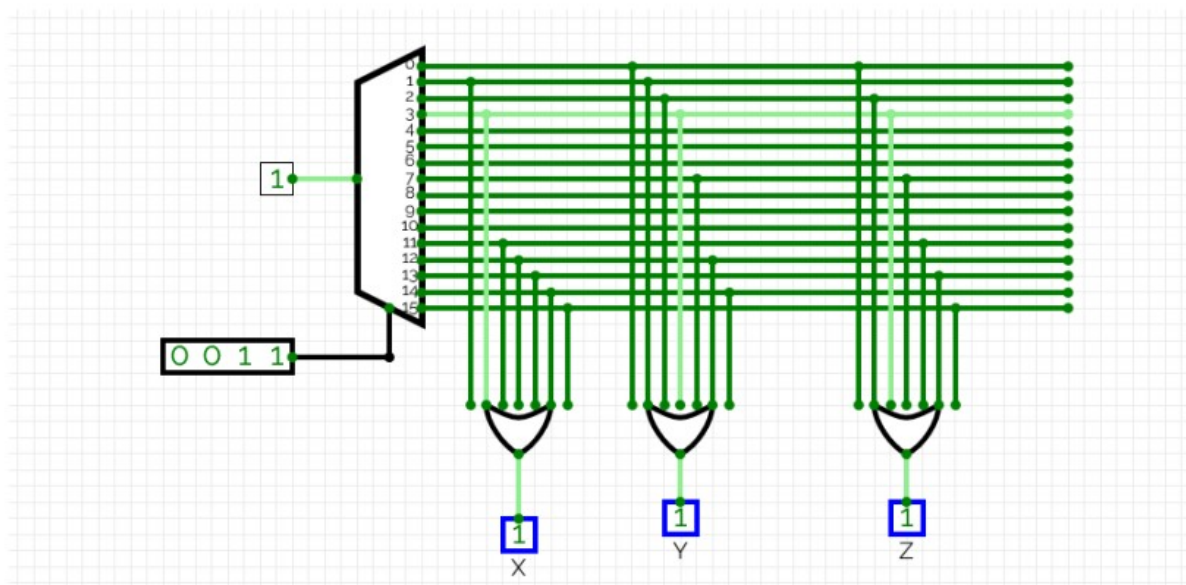
Zadanie 2

Y = ∑[0,1,2,6,8,10,11,12;(4,14)]

AB/CD	00	01	11	10
00	1	1	0	1
01	-	0	0	1
11	1	0	0	-
10	1	0	1	1

	A	B	C		0	1	
ABC	0	0	0		1	1	1
ABC	0	0	1		1	0	!D
ABC	0	1	0		-	0	0
ABC	0	1	1		1	0	!D
ABC	1	0	0		1	0	!D
ABC	1	0	1		1	1	1
ABC	1	1	0		1	0	!D
ABC	1	1	1		-	0	0

!D+!A!B!C+A!BC
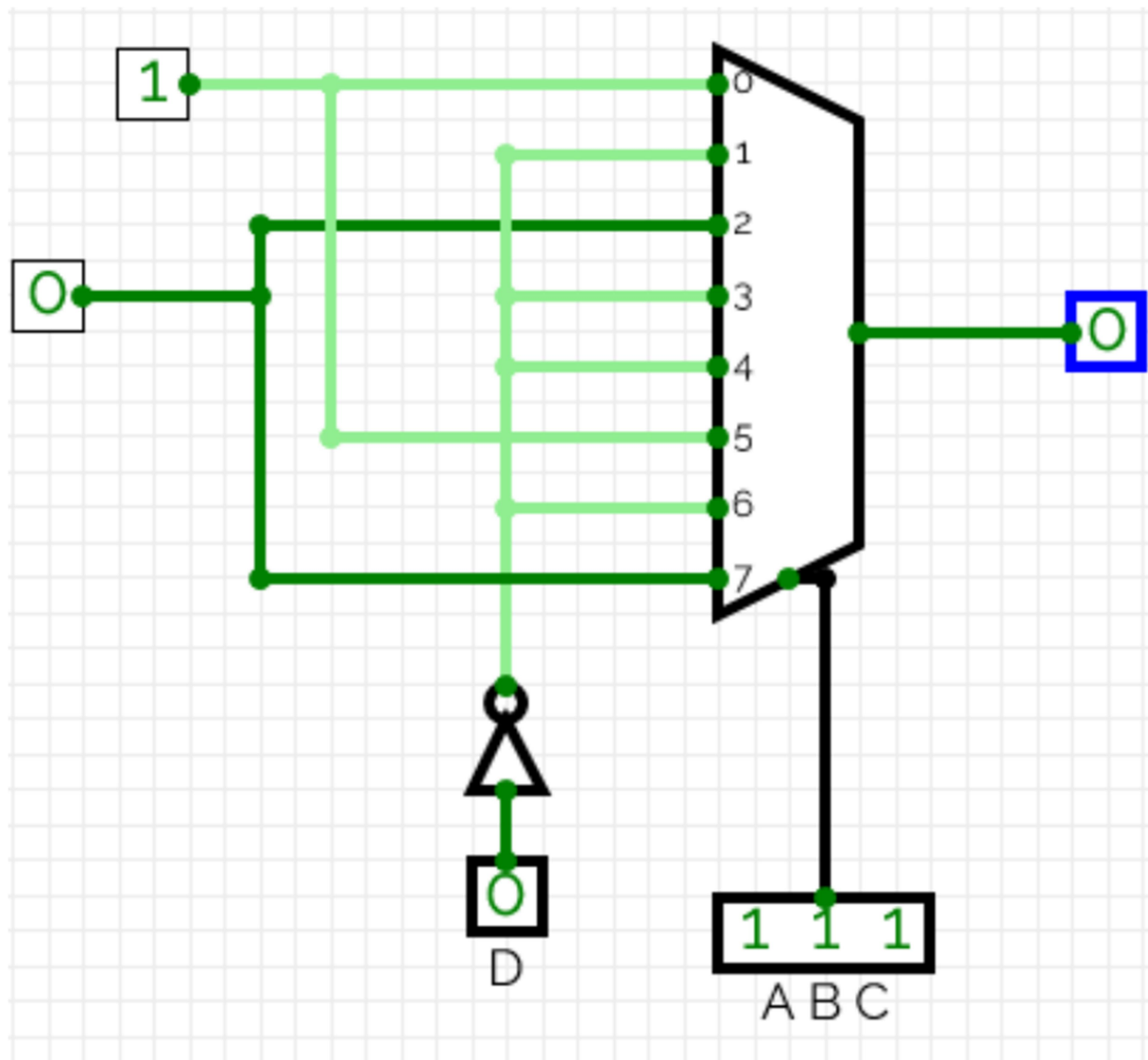
Zadanie 3

Y = ∑[0,2,4,9,11,13,16,17,20,21,27,31;(3,6,10,15,18,22,25,28,29)]

AB/CDD	000	001	011	010	110	111	101	100
00	1	0	-	1	-	0	0	1
01	0	1	1	-	0	-	1	0
11	0	-	1	0	0	1	-	-
10	1	1	0	-	-	0	1	1

	A	B	E		00	01	11	10	U
ABE	0	0	0		1	1	-	1	1
ABE	0	0	1		0	-	0	0	0
ABE	0	1	0		0	-	0	0	0
ABE	0	1	1		1	1	-	1	1
ABE	1	0	0		1	-	-	1	1
ABE	1	0	1		1	0	0	1	!D
ABE	1	1	0		0	0	0	-	0
ABE	1	1	1		-	1	1	-	1