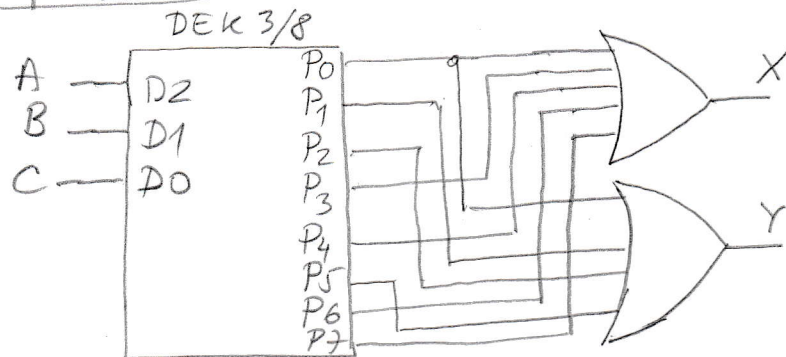


①

n	A	B	C	X	Y
0	0	0	0	1	1
1	0	0	1	0	1
2	0	1	0	0	1
3	0	1	1	1	0
4	1	0	0	1	0
5	1	0	1	0	1
6	1	1	0	1	0
7	1	1	1	1	0

$$X = P_0 + P_3 + P_4 + P_6 + P_7$$

$$Y = P_0 + P_1 + P_2 + P_5$$



②

n	Q_n				Q_{n+1}			
	D	C	B	A	D	C	B	A
0	0	0	0	0	0	0	0	1
1	0	0	0	1	0	0	1	1
3	0	0	1	0	0	1	1	0
2	0	0	1	1	0	0	1	0
7	0	1	0	0	1	1	0	0
6	0	1	0	1	0	1	0	0
4	0	1	1	0	0	1	1	1
5	0	1	1	1	0	1	0	1
—	1	0	0	0	X	X	X	X
—	1	0	0	1	X	X	X	X
—	1	0	1	0	X	X	X	X
—	1	0	1	1	X	X	X	X
8	1	1	0	0	1	1	0	1
9	1	1	0	1	0	0	0	0
—	1	1	1	0	X	X	X	X
—	1	1	1	1	X	X	X	X

D_D BA

	00	01	11	10
00	0	0	0	0
01	1	0	0	0
11	1	0	X	X
10	X	X	X	X

$$D_D = C\bar{B}\bar{A};$$

D_B BA

	00	01	11	10
00	0	1	1	1
01	0	0	0	1
11	0	0	X	X
10	X	X	X	X

$$D_B = \bar{C}A + \bar{B}A;$$

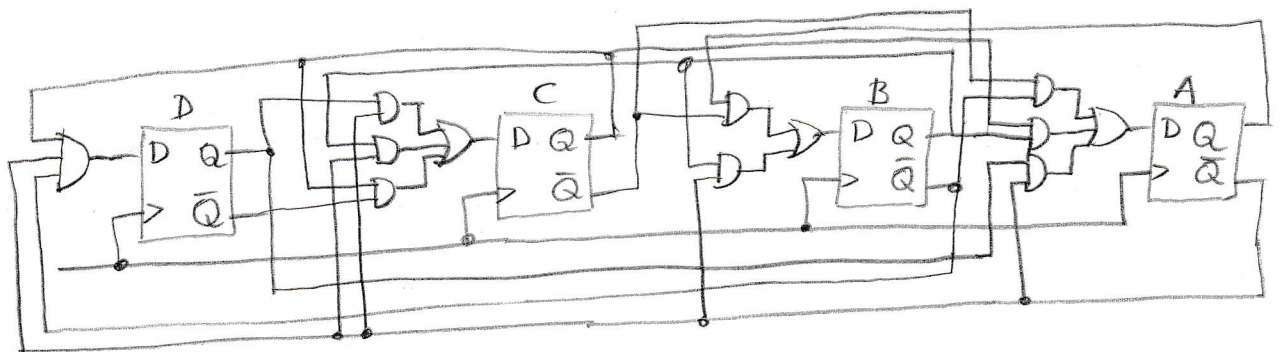
D_C BA

	00	01	11	10
00	0	0	0	1
01	1	1	1	1
11	1	0	X	X
10	X	X	X	X

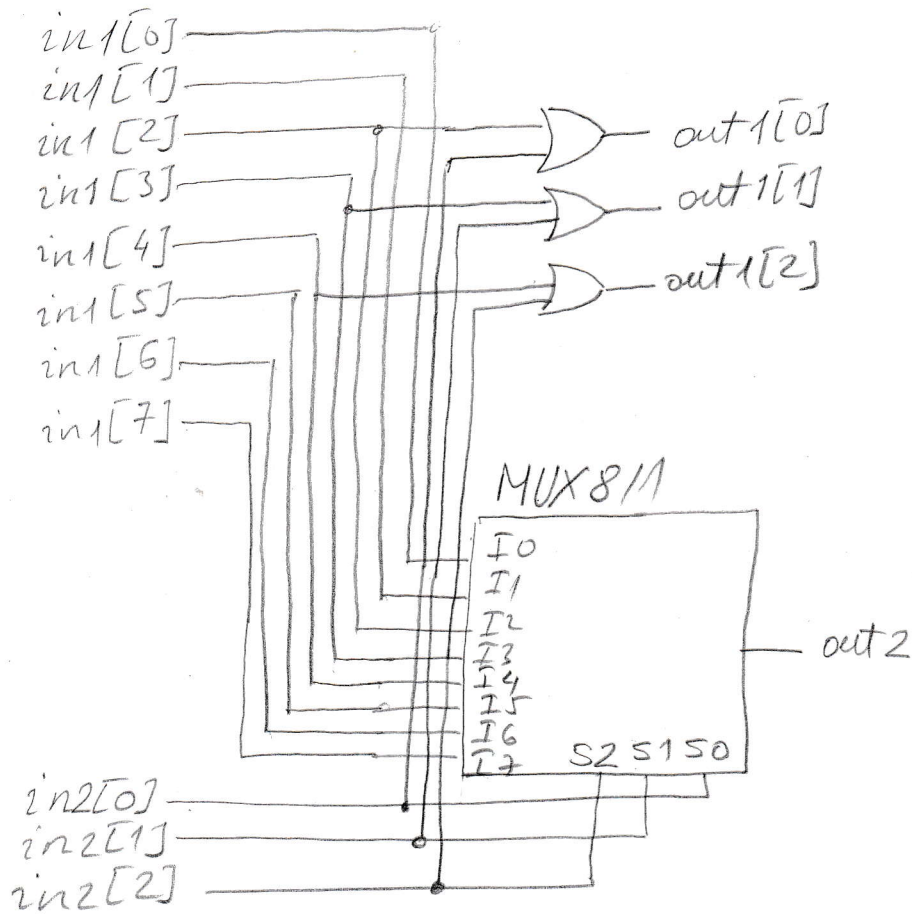
$$D_C = \bar{D}C + \bar{B}A + D\bar{A};$$

D_A BA

	00	01	11	10
00	1	1	0	0
01	0	0	1	1
11	1	0	X	X
10	X	X	X	X

$$D_A = \bar{C}\bar{B} + CB + D\bar{A};$$


③



④

