

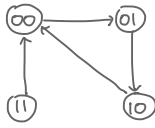
5.8

$$T_A = A + B$$

$$T_B = A' + B$$

→ 00 → 01 → 10 → 반복하는 카운터

현재 AB	다음 AB	$T_A T_B$
00	00	01
01	10	11
10	00	10
11	00	11



5.16

$$(b) D_A = A'x + Ax'$$

$$D_B = AB + Bx'$$

현재 AB	x	다음 AB
00	0	00
00	1	11
01	0	01
01	1	10
10	0	10
10	1	00
11	0	11
11	1	10

	B'	B'	B	B
	00	01	11	10
A' 0	0	1	1	0
A 1	1	0	0	1
	x'	x	x	x'

$D_A = A'x + Ax'$

	B'	B'	B	B
	00	01	11	10
A' 0	0	1	0	1
A 1	0	0	1	1
	x'	x	x	x'

$D_B = AB + Bx'$

5.18

현재 AB	input x	다음 AB	FF input $J_A K_A J_B K_B$
00	01	00	0x0x
00	01	00	0x0x
00	10	11	1x1x
00	11	01	0x1x
01	00	01	0xx0
01	01	01	0xx0
01	10	01	0xx1
01	11	10	1xx1
10	00	10	x010
10	01	10	x010
10	10	10	x1x1
10	11	01	x0x1
11	00	11	x0x0
11	01	11	x0x0
11	10	11	10x1
11	11	11	x1x1

	E'	E'	E	E
	00	01	11	10
A' 00	0	0	0	1
A' 01	0	0	1	0
A 00	x	x	x	x
A 10	x	x	x	x
	x	x'	x'	x

$$J_A = (Bx + B'x')E$$

	C'	C'	C	C
	00	01	11	10
A' 00	x	x	x	x
A' 01	x	x	x	0
A 00	0	0	1	0
A 10	0	0	0	1
	x	x'	x'	x

$$K_A = (Bx + B'x')E$$

	E'	E'	E	E
	00	01	11	10
A' 00	0	0	1	1
A' 01	x	x	x	x
A 00	x	x	x	x
A 10	0	0	1	1
	x	x'	x'	x

$$J_B = E$$

	E'	E'	E	E
	00	01	11	10
A' 00	x	x	x	x
A' 01	0	0	1	1
A 00	0	0	1	1
A 10	x	x	x	x
	x	x'	x'	x

$$K_B = E$$