Xk	Xk-1	Xk-2	Xk-3	yk1	yk2		From
0	0	0	0	0	0		0
0	0	0	1	1	1		0
0	0	1	0	1	1		2
0	0	1	1	0	0		2
0	1	0	0	1	0		5
0	1	0	1	0	1		5
0	1	1	0	0	1		7
0	1	1	1	1	0		7
1	0	0	0	1	1		4
1	0	0	1	0	0		4
1	0	1	0	0	0		6
1	0	1	1	1	1		6
1	1	0	0	0	1		1
1	1	0	1	1	0		1
1	1	1	0	1	0		3
1	1	1	1	0	1		3

To	Info	Output
0	0	00
1	1	11
4	0	11
5	1	00
2	0	01
3	1	10
6	0	10
7	1	01
0	0	11
1	1	00
4	0	00
5	1	11
2	0	10
3	1	01
6	0	01
7	1	10