PS		NS		Saids		D_1	D_0
Q_1^N	Q_0^N	Q_1^{N+1}	Q_0^{N+1}	O_1	O_0		
0	0	0	1	0	0	0	1
0	1	1	0	0	1	1	0
1	0	1	1	1	0	1	1
1	1	0	0	1	1	0	0

D_1

	Q_0	
	⓪	1
Q_1	1	0

D_0

	Q_0	
	1	0
Q_1	1	0

$$D_1 = Q_1 \overline{Q_0} + \overline{Q_1} Q_0 \qquad\qquad D_0 = \overline{Q_0}$$