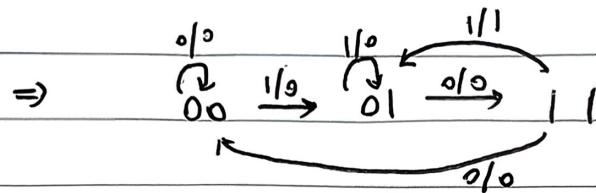
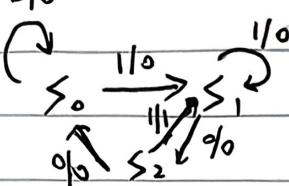


可重叠101序列检测器

原始状态图：



X	Q0Q1	00	10	01	11
0	00 0	X	11 0	00 0	
1	01 0	X	01 0	01 1	

$$\Rightarrow D_0: X \swarrow \begin{matrix} Q_0Q_1 \\ 00 \quad 10 \quad 01 \quad 11 \end{matrix}$$

0	0	X	1	0
1	0	X	0	0

$$Q_0^{n+1} = \bar{X}$$

$$D_1: X \swarrow \begin{matrix} Q_0Q_1 \\ 00 \quad 10 \quad 01 \quad 11 \end{matrix}$$

0	0	X	1	0
1	1	X	1	1

$$Q_1^{n+1} = X$$

Y	Q0Q1	00	10	01	11
0	0	X	0	0	
1	0	X	0	1	

$$Y = Q_0 Q_1 X$$

$$\begin{cases} D_0 = \bar{X} \\ D_1 = X \end{cases}$$

$$Y = Q_0 Q_1 X$$

