

$$\begin{array}{c} \text{---} \bullet \text{---} \\ | \\ \boxed{U} \\ \text{---} \end{array} = \begin{array}{c} q_0 = 0 \quad \vdots \quad q_0 = 1 \\ q_{1,0} \quad \vdots \quad q_{1,1} \quad \vdots \quad q_{1,0} \quad \vdots \quad q_{1,1} \\ \left(\begin{array}{cc|c} 1 & 0 & \\ 0 & 1 & (0) \\ \hline (0) & & U \end{array} \right) \end{array}$$