

$$\begin{split} D_{\text{states}} = \{ & \ q0 \ \} \\ \text{fecho-}\varepsilon \text{ (move}(q0, a) = \text{fecho-}\varepsilon \left(\{ \ 4 \ \} \right) = \{ \ 1, \, 2, \, 3, \, 4, \, 5, \, 6, \, 7, \, 9, \, 10, \, 11 \ \} = q1 \\ \text{fecho-}\varepsilon \text{ (move}(q0, b) = \text{fecho-}\varepsilon \left(\{ \ 8 \ \} \right) = \{ \ 1, \, 2, \, 3, \, 5, \, 6, \, 7, \, 8, \, 9, \, 10, \, 11 \ \} = q2 \end{split}$$

$$D_{\text{states}} = \{ \ \textbf{q0}, \ q1, \ q2 \ \} \qquad \qquad q0 = \{ \ 0, \ 1, \ 2, \ 3, \ 5, \ 6, \ 7, \ 9, \ 10, \ 11 \ \} \qquad q1 = \{ \ 1, \ 2, \ 3, \ 4, \ 5, \ 6, \ 7, \ 9, \ 10, \ 11 \ \} \qquad q2 = \{ \ 1, \ 2, \ 3, \ 5, \ 6, \ 7, \ 8, \ 9, \ 10, \ 11 \ \}$$

Estado	Símbolo	Próximo
q0	a	q1
q0	b	q2

$$D_{\text{states}} = \{ \begin{array}{ll} \textbf{q0}, \, \textbf{q1}, \, \textbf{q2} \end{array} \} \qquad \qquad \textbf{q0} = \{ \begin{array}{ll} 0, \, 1, \, 2, \, 3, \, 5, \, 6, \, 7, \, 9, \, 10, \, 11 \end{array} \} \qquad \textbf{q1} = \{ \begin{array}{ll} 1, \, 2, \, 3, \, 4, \, 5, \\ 6, \, 7, \, 9, \, 10, \, 11 \end{array} \} \qquad \qquad \textbf{q2} = \{ \begin{array}{ll} 1, \, 2, \, 3, \, 5, \, 6, \, 7, \, 8, \, 9, \, 10, \, 11 \end{array} \}$$

fecho-
$$\epsilon$$
 (move(q1, a) = fecho- ϵ ({ 4 }) = { 1, 2, 3, 4, 5, 6, 7, 9, 10, 11 } = q1 fecho- ϵ (move(q1, b) = fecho- ϵ ({ 8 }) = { 1, 2, 3, 5, 6, 7, 8, 9, 10, 11 } = q2

Estado	Símbolo	Próximo
q0	a	q1
q0	b	q2
q1	a	q1
q1	b	q2

$$D_{\text{states}} = \{ \ \textbf{q0}, \ \textbf{q1}, \ \textbf{q2} \ \} \qquad \qquad q0 = \{ \ 0, \ 1, \ 2, \ 3, \ 5, \ 6, \ 7, \ 9, \ 10, \ 11 \ \} \qquad q1 = \{ \ 1, \ 2, \ 3, \ 4, \ 5, \ 6, \ 7, \ 9, \ 10, \ 11 \ \} \qquad q2 = \{ \ 1, \ 2, \ 3, \ 5, \ 6, \ 7, \ 8, \ 9, \ 10, \ 11 \ \}$$

fecho-
$$\epsilon$$
 (move(q2, a) = fecho- ϵ ({ 4 }) = { 1, 2, 3, 4, 5, 6, 7, 9, 10, 11 } = q1 fecho- ϵ (move(q2, b) = fecho- ϵ ({ 8 }) = { 1, 2, 3, 5, 6, 7, 8, 9, 10, 11 } = q2

Estado	Símbolo	Próximo
q0	a	q1
q0	b	q2
q1	a	q1
q1	b	q2
q2	a	q1
q2	b	q2

