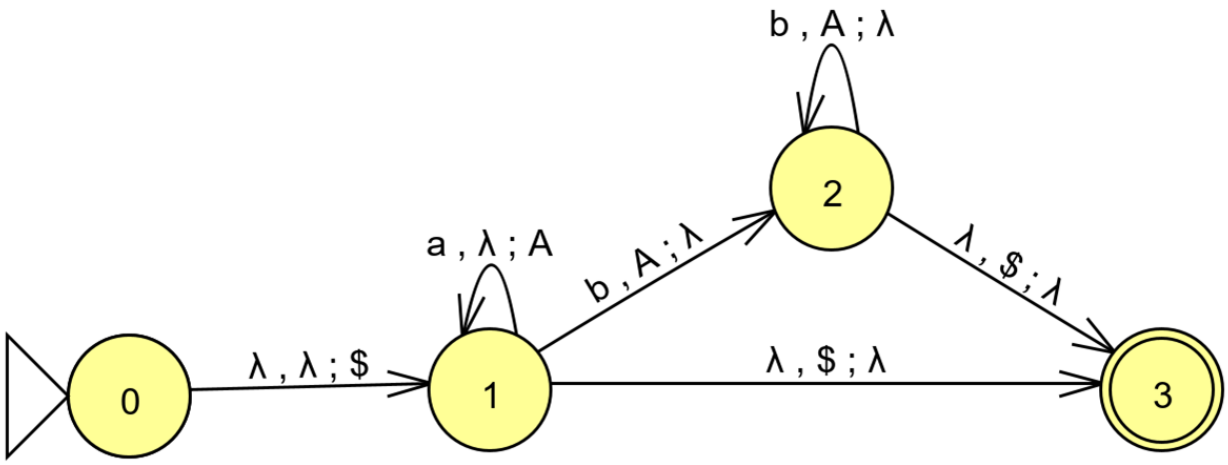

Q = Set of all states.

Start	A_{03}
Step 1: ∀ p in Q, Add A_{pp} -> λ	A_{00} -> λ A_{11} -> λ A_{22} -> λ A_{33} -> λ
Step 2: ∀ p,q,r in Q, Add A_{pr} -> $A_{pq}A_{qr}$	A_{00} -> $A_{00}A_{00}$ | $A_{01}A_{10}$ | $A_{02}A_{20}$ | $A_{03}A_{30}$ A_{01} -> $A_{00}A_{01}$ | $A_{01}A_{11}$ | $A_{02}A_{21}$ | $A_{03}A_{31}$ A_{02} -> $A_{00}A_{02}$ | $A_{01}A_{12}$ | $A_{02}A_{22}$ | $A_{03}A_{32}$ A_{03} -> $A_{00}A_{03}$ | $A_{01}A_{13}$ | $A_{02}A_{23}$ | $A_{03}A_{33}$ A_{10} -> $A_{10}A_{00}$ | $A_{11}A_{10}$ | $A_{12}A_{20}$ | $A_{13}A_{30}$ A_{11} -> $A_{10}A_{01}$ | $A_{11}A_{11}$ | $A_{12}A_{21}$ | $A_{13}A_{31}$ A_{12} -> $A_{10}A_{02}$ | $A_{11}A_{12}$ | $A_{12}A_{22}$ | $A_{13}A_{32}$ A_{13} -> $A_{10}A_{03}$ | $A_{11}A_{13}$ | $A_{12}A_{23}$ | $A_{13}A_{33}$ A_{20} -> $A_{20}A_{00}$ | $A_{21}A_{10}$ | $A_{22}A_{20}$ | $A_{23}A_{30}$ A_{21} -> $A_{20}A_{01}$ | $A_{21}A_{11}$ | $A_{22}A_{21}$ | $A_{23}A_{31}$ A_{22} -> $A_{20}A_{02}$ | $A_{21}A_{12}$ | $A_{22}A_{22}$ | $A_{23}A_{32}$ A_{23} -> $A_{20}A_{03}$ | $A_{21}A_{13}$ | $A_{22}A_{23}$ | $A_{23}A_{33}$ A_{30} -> $A_{30}A_{00}$ | $A_{31}A_{10}$ | $A_{32}A_{20}$ | $A_{33}A_{30}$ A_{31} -> $A_{30}A_{01}$ | $A_{31}A_{11}$ | $A_{32}A_{21}$ | $A_{33}A_{31}$ A_{32} -> $A_{30}A_{02}$ | $A_{31}A_{12}$ | $A_{32}A_{22}$ | $A_{33}A_{32}$ A_{33} -> $A_{30}A_{03}$ | $A_{31}A_{13}$ | $A_{32}A_{23}$ | $A_{33}A_{33}$
Step 3: ∀ p,q,r,s in Q, if $p \xrightarrow{a,\lambda \to U} r$ and $s \xrightarrow{b,U \to \lambda} q$ exist, Add A_{pq} -> $aA_{rs}b$	A_{12} -> $aA_{12}b$ | $aA_{11}b$ (for A) A_{03} -> $\lambda A_{11}\lambda$ | $\lambda A_{12}\lambda$ (for $)

Notation matches Sipser reading.