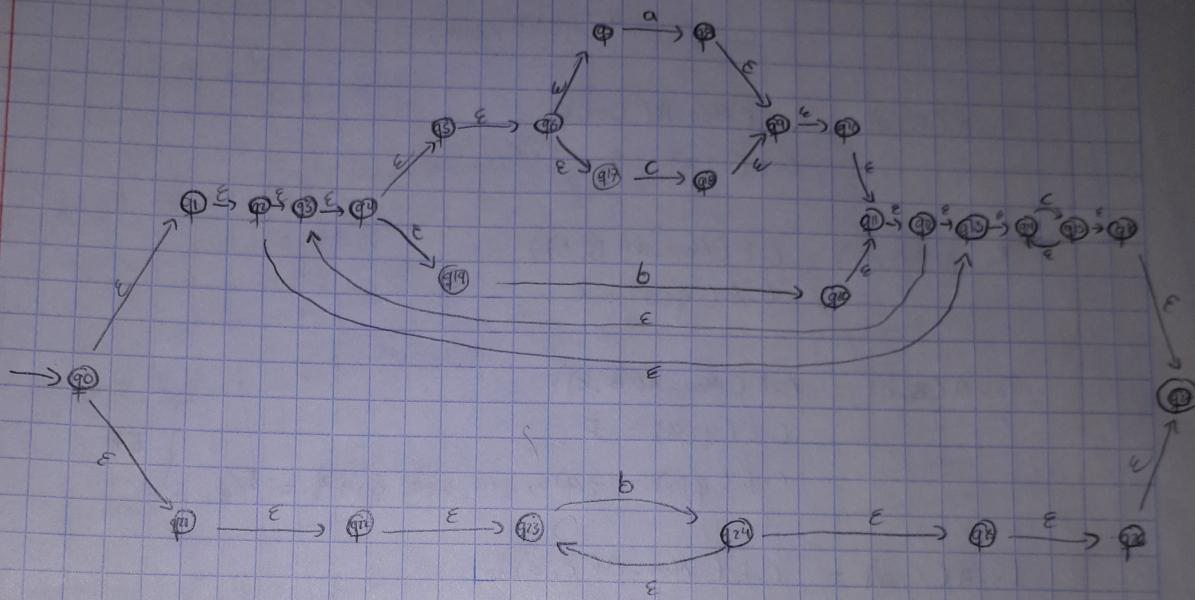


(1)

Martin Eduardo Barriga Vargas

① $(Calc(b))^* c^+ | b^*$



Atajos:

a

$$q_7 \rightarrow q_8$$

b

$$\begin{aligned} q_9 &\rightarrow q_{20} \\ q_{23} &\rightarrow q_{24} \end{aligned}$$

c

$$\begin{aligned} q_{17} &\rightarrow q_{18} \\ q_{19} &\rightarrow q_{15} \end{aligned}$$

$$-E(q_0) = \{q_0, q_1, q_2, q_3, q_4, q_5, q_6, q_7, q_{17}, q_{19}, q_{13}, q_{21}, q_{22}, q_{23}\} = A$$

$$Iv-A(A, a) = -E(Mov-A(A, a))$$

$$-E(q_8) = \{q_8, q_9, q_{10}, q_{11}, q_{12}, q_{13}, q_{14}, q_{15}, q_{16}, q_{17}, q_{18}, q_{19}\} = B$$

$$Iv-A(A, b) = -E(Mov-A(A, b))$$

$$-E(q_{20}) = \{q_0, q_{11}, q_{12}, q_{13}, q_{14}, q_{15}, q_{16}, q_{17}, q_{18}, q_{19}\} = C$$

$$-E(q_{24}) = \{q_{24}, q_{25}, q_{26}, q_{27}, q_{23}\} = D$$

(2)

$$Iv-A(A,c) = C-E(Mov-A(A,c))$$

$$\begin{aligned} C-E(q_18) &= \{q_18, q_9, q_{10}, q_{11}, q_{12}, q_{13}, q_{14}, q_3, q_4, q_5, q_6, \\ &\quad q_7, q_{17}, q_{19}\} = E \end{aligned}$$

$$Iv-A(B,a) = C-E(Mov-A(B,a))$$

$$C-E(q_8) = B$$

$$Iv-A(B,b) = C-E(Mov-A(B,b))$$

$$C-E(q_{20}) = C$$

$$Iv-A(B,c) = C-E(Mov-A(B,c))$$

$$C-E(q_18) = E$$

$$C-E(q_{15}) = \{q_{15}, q_{16}, q_{27}, q_{14}\} = F$$

EF

$$Iv-A(C,a) = C-E(Mov-A(C,a))$$

$$C-E(q_8) = B$$

$$Iv-A(C,b) = C-E(Mov-A(C,b))$$

$$C-E(q_{20}) = C$$

$$Iv-A(C,c) = C-E(Mov-A(C,c))$$

$$C-E(q_18) = E$$

$$C-E(q_{15}) = F$$

EF

$$Iv-A(D,a) = C-E(Mov-A(D,a)) = E$$

$$Iv-A(D,b) = C-E(Mov-A(D,b))$$

$$C-E(q_{24}) = D$$

$$Iv-A(D,c) = C-E(Mov-A(D,c)) = E$$

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$$Iv-A(E, a) = C-E(Mov-A(E, a))$$

$$C-E(qB) = B$$

$$Iv-A(E, b) = C-E(Mov-A(E, b))$$

$$C-E(qC) = C$$

$$Iv-A(E, c) = C-E(Mov-A(E, c))$$

$$C-E(qS) = F \quad] EF$$

$$C-E(qE) = E$$

$$Iv-A(F, a) = C-E(Mov-A(F, a)) = E$$

$$Iv-A(F, b) = C-E(Mov-A(F, b)) = E$$

$$Iv-A(F, c) = C-E(Mov-A(F, c))$$

$$C-E(qS) = F$$

$$Iv-A(CD, a) = B$$

$$Iv-A(CD, b) = CD$$

$$Iv-A(CD, c) = EF$$

$$Iv-A(EF, a) = B$$

$$Iv-A(EF, b) = C$$

$$Iv-A(EF, c) = EF$$

(4)

