Projeto 2

Pedro Vinícius Dousseau dos Santos - 135540

Vitor Galioti Martini - 135543

A.

$\wedge$(q0,ϵ) = q0
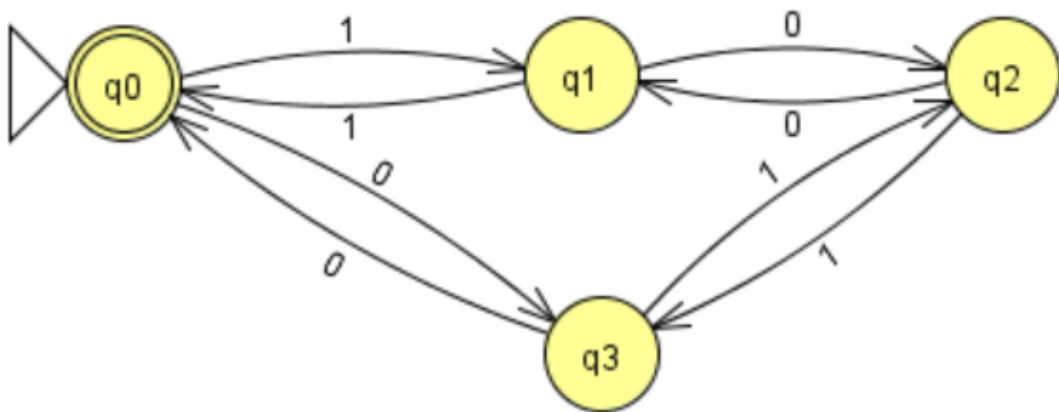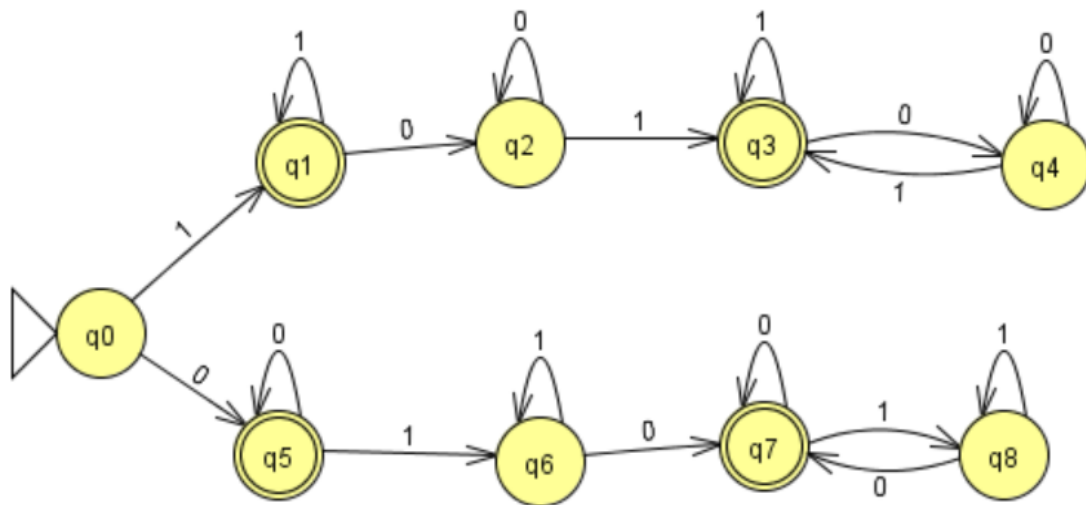
$\wedge$(q0, 0) =   ($\wedge$(q0,ϵ), 0) =   (q0, 0) = q3

$\wedge$(q0, 00) =   ($\wedge$(q0, 0), 0) =   (q3, 0) = q0

$\wedge$(q0, 001) =   ($\wedge$(q0, 00), 1) =   (q0, 1) = q1

$\wedge$(q0, 0011) =   ($\wedge$(q0, 001), 1) =   (q1, 1) = q0

B.

^(q0,ε) = q0

^(q0, 0) =   (^(q0,ε), 0) =   (q0, 0) = q5

^(q0, 01) =   (^(q0, 0), 1) =   (q5, 1) = q6

^(q0, 010) =   (^(q0, 01), 0) =   (q6, 0) = q7

C.

^(q0,ε) = q0

^(q0, 0) =   (^(q0,ε), 0) =   (q0, 0) = q1
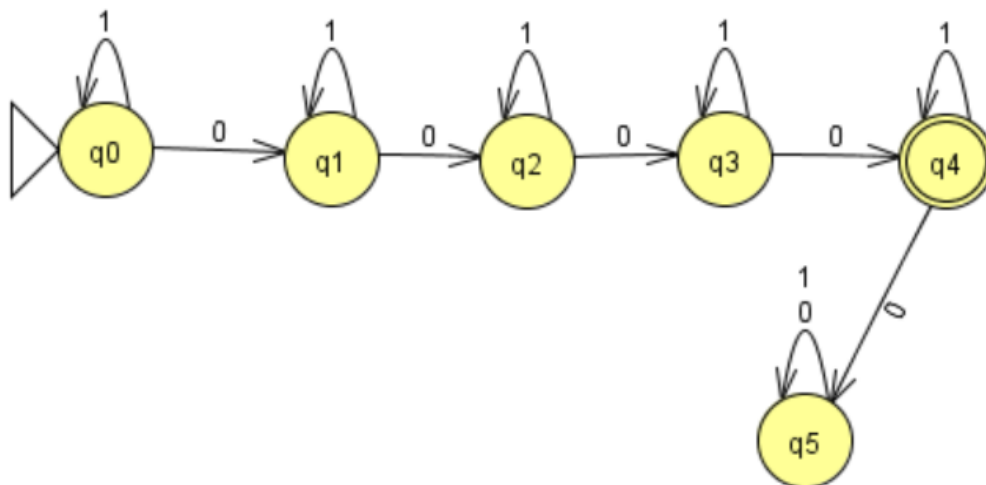
^(q0, 00) =   (^(q0, 0), 0) =   (q1, 0) = q2

^(q0, 000) =   (^(q0, 00), 0) =   (q2, 0) = q3

^(q0, 0000) =   (^(q0, 000), 0) =   (q3, 0) = q4

D.

^(q0, ε) = q0
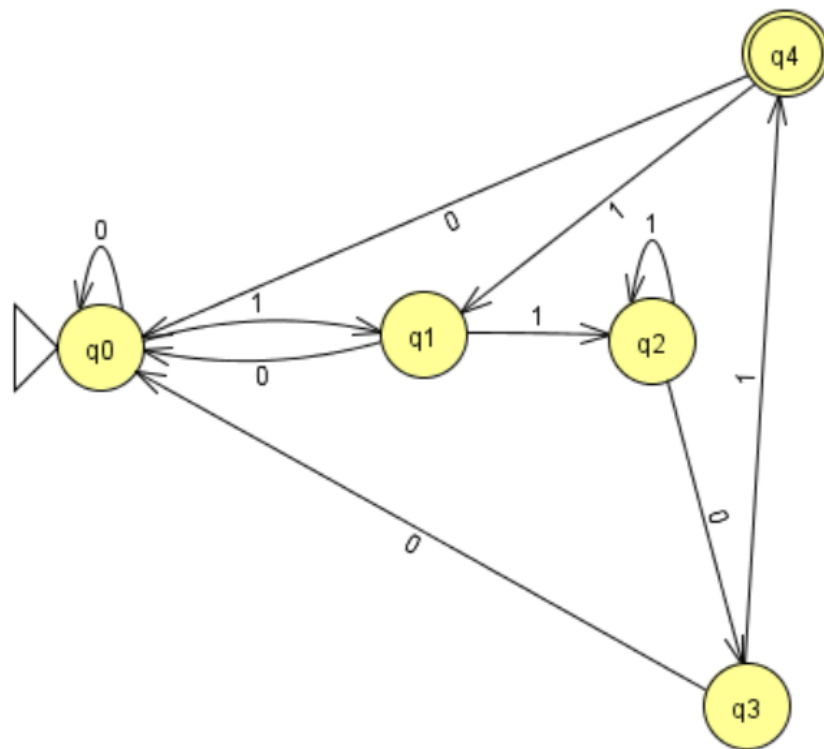
^(q0,0) =   (^(q0, ε), 0) =   (q0, 0) = q0

^(q0,01) =   (^(q0,0), 1) =   (q0, 1) = q1

^(q0,011) =   (^(q0,01), 1) =   (q1, 1) = q2

^(q0,0110) =   (^(q0,011), 0) =   (q2, 0) = q3

^(q0,01101) =   (^(q0,0110), 1) =   (q3, 1) = q4

E.

^(q0q3, ε) = q0
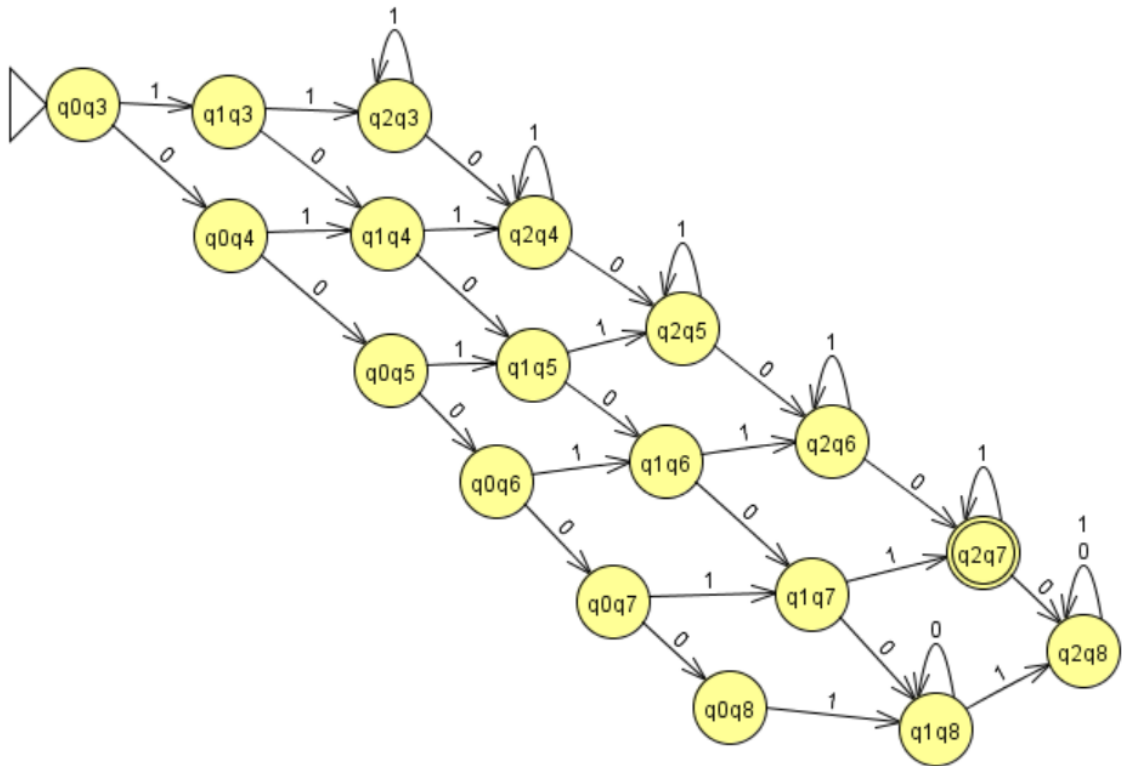
^(q0q3,0) =   (^(q0q3, ε), 0) =   (q0q3, 0) = q0q4

^(q0q3,00) =   (^(q0q3, 0), 0) =   (q0q4, 0) = q0q5

^(q0q3,000) =   (^(q0q3, 00), 0) =   (q0q5, 0) = q0q6

^(q0q3,0000) =   (^(q0q3, 000), 0) =   (q0q6, 0) = q0q7

^(q0q3,00001) =   (^(q0q3, 0000), 1) =   (q0q7, 1) = q1q7

^(q0q3,000011) =   (^(q0q3, 00001), 1) =   (q1q7, 1) = q2q7

F.

^(q0, ε) = q0

^(q0,1) =   (^(q0, ε), 1) =   (q0, 1) = q1
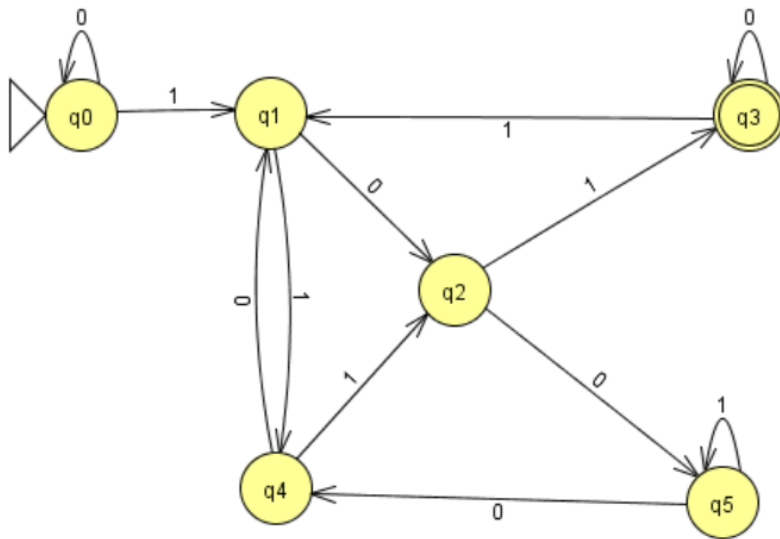
^(q0,10) =   (^(q0, 1), 0) =   (q1, 0) = q2

^(q0,101) =   (^(q0,10), 1) =   (q2, 1) = q3

G.

^(q0, ε) = q0
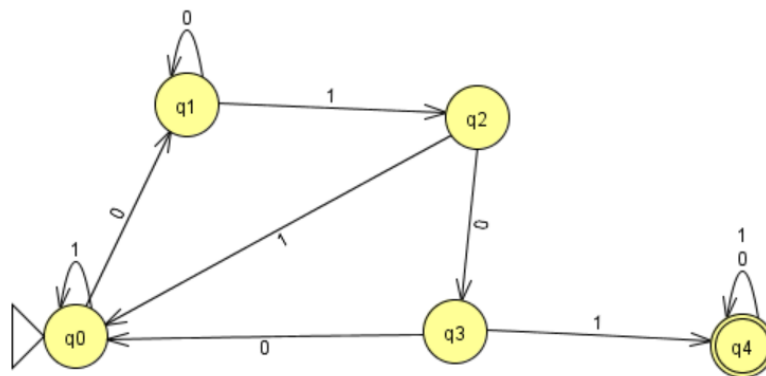
^(q0,0) =   (^(q0, ε), 0) =   (q0, 0) = q1

^(q0,01) =   (^(q0, 0), 1) =   (q1, 1) = q2

^(q0,010) =   (^(q0, 01), 0) =   (q2, 0) = q3

^(q0,0101) =   (^(q0, 010), 1) =   (q3, 0) = q4
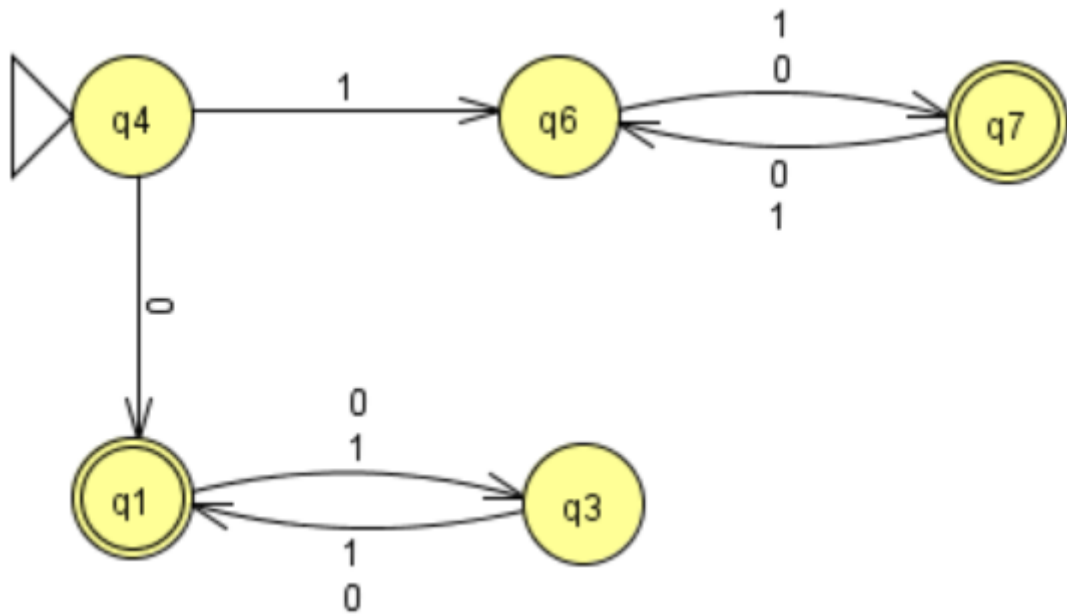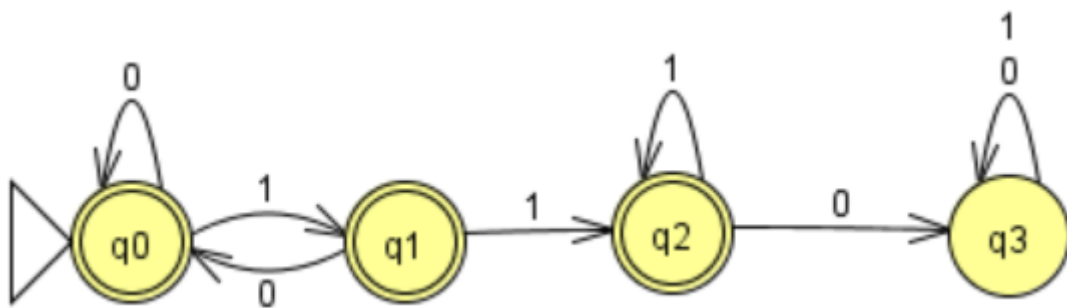
H.

^(q4, ε) = q4

^(q4,0) =   (^(q4, ε), 0) =   (q4, 0) = q1

I.

^(q0, ε) = q0

^(q0,0) =   (^(q0, ε), 0) =   (q0, 0) = q1

J.

^(q0, ε) = q0

^(q0,0) =   (^(q0, ε), 0) =   (q0, 0) = q1
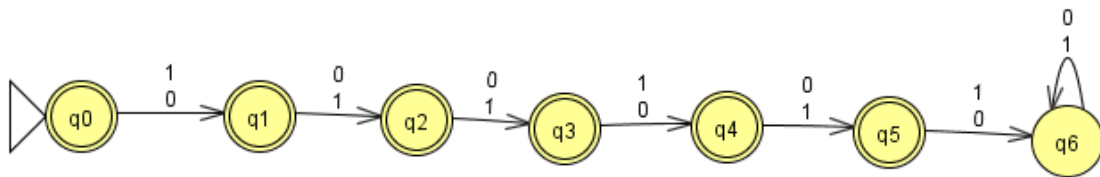
^(q0,00) =   (^(q0, 0), 0) =   (q1, 0) = q2

^(q0,000) =   (^(q0, 00), 0) =   (q2, 0) = q3

^(q0,0000) =   (^(q0,000), 0) =   (q3, 0) = q4

^(q0, 00000) =   (^(q0,0000), 0) =   (q4, 0) = q5

K.

^(q0, ε) = q0

^(q0,1) =   (^(q0, ε), 1) =   (q0, 1) = q1
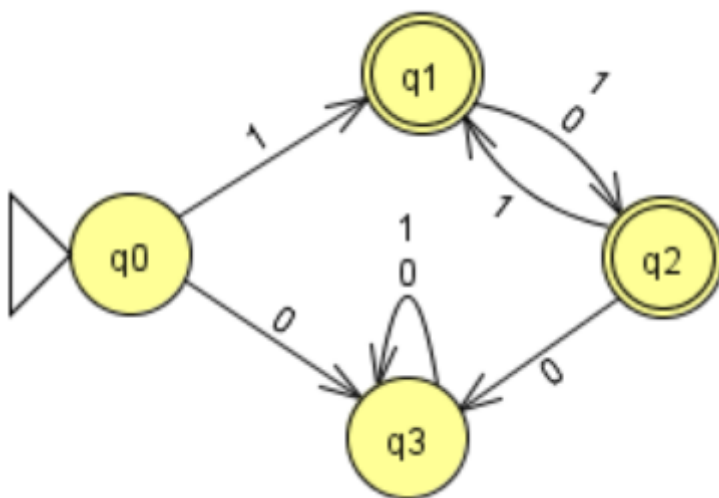
^(q0,10) =   (^(q0, 1), 0) =   (q1, 0) = q2

^(q0,101) =   (^(q0, 10), 1) =   (q2, 1) = q1

^(q0,1010) =   (^(q0, 101), 0) =   (q1, 0) = q2