Lista 7: Linguagens Formais

1. $M = (\Sigma, Q, \delta, q_0, F, \Delta)$

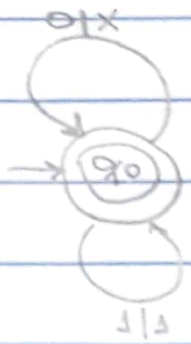
$\Sigma = \{0, 1\}$

$Q = \{q_0\}$

$\Delta = \{1, x\}$

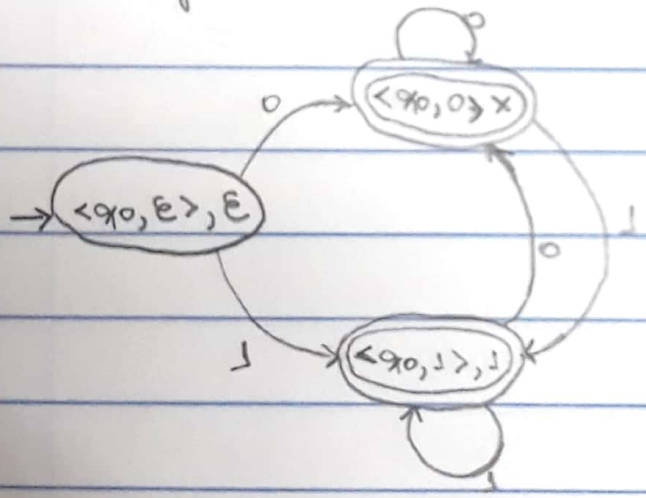
$q_0 = \{q_0\}$

$F = \{q_0\}$

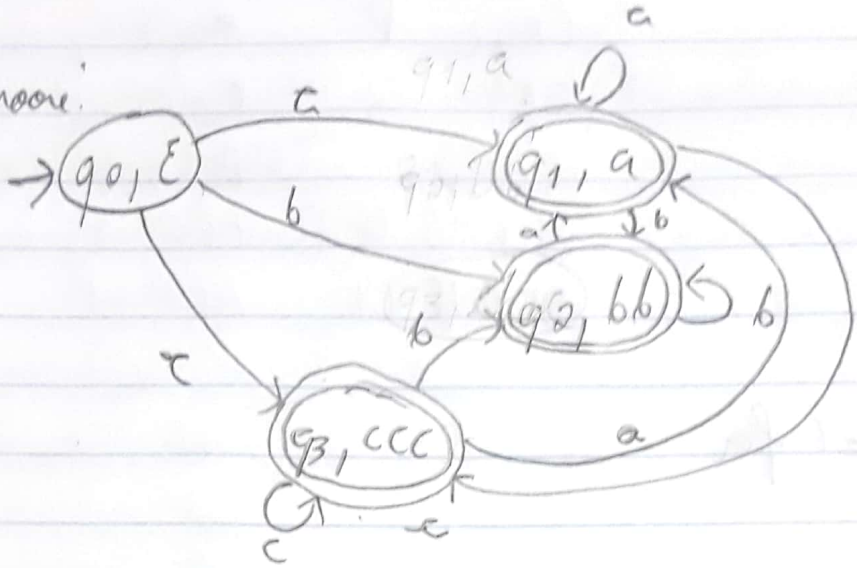


Máquina de Mealy

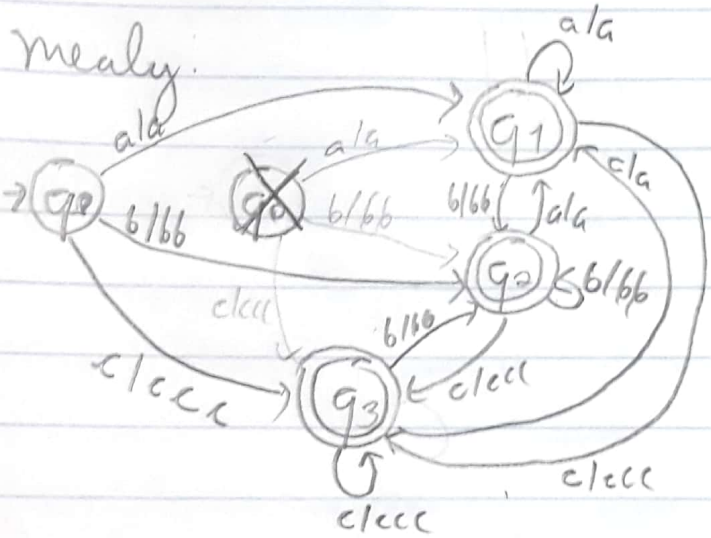
Máquina de Moore



2) Moore:



Mealy:



$\delta'(q_0, a) = (\delta(q_0, a), \delta_s(q_0)\,\delta_s(\delta(q_0, a)$
$= (q_1, \varepsilon a) = (q_1, a)$
$\delta'(q_2, b) = (q_2, bb)$,
$\delta'(q_0, c) = (q_3, ccc)$
$\delta'(q_0, a) = (\delta(q_0, a), \delta_s(\delta(q_0, a))$
$= (q_1, a)$
$\delta'(q_0, b) = (q_2, bb)$
...