Strings con K simbolos $Z = \{0,1\}$ $Z = \{0,0\}, \{0,1\}$

Operación de AFD

$$-8(q_0, q_1) = q_1 \qquad \qquad \{2 \neq 2 \rightarrow Q \\ S(q_1, q_2) = q_2$$

$$- q_{11}q_{21}q_{31}q_{n}$$

$$- \delta(q_{11}, q_{11}) = q_{11}$$

$$S(q_{0},0) = q_{1}$$

$$S(q_{1},0) = q_{1}$$

$$S(q_{1},0) = q_{2}$$

$$S(q_{2},0) = q_{2}$$

$$S(q_{2},1) = q_{2}$$

A-{(9,41,92),(0,11), S, 9, 5(42)}

table transiciones

In función extendida

base: S(q, E) = 9

Mobetivo: w = xq & simbolo

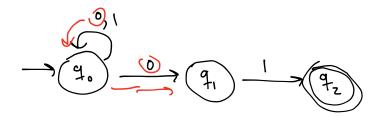
string

string

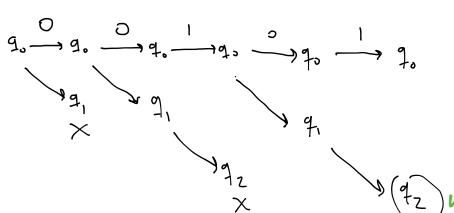
$$L(A) = \{ \omega \mid \hat{S}(q_0, \omega) \in F \}$$

LIAIN Lengueux aceptado por el AFD A

Automats Finites No-Determisticos



Procesar 00101



Definicion Formal

$$\delta: Q \times \Sigma \longrightarrow Q \times Q \times Q \times \dots$$

$$\delta(q_0,0) = \{q_0,q_1\}$$

Inductivo:
$$w = x \propto x \propto y \qquad 3 (q_1 x) = \{p_1, p_2, \dots, p_k\}$$

Sea $\bigcup_{k \neq 1} S(p_k, a) = \{v_1, v_2, \dots, v_m\}$

$$\widehat{S}(q_1 w) = \{v_1, v_2, \dots, v_m\}$$

$$\hat{S}(q, \omega) = \bigcup_{\lambda=1}^{k} S(P_{\lambda}, \alpha) = \{v_{1}, v_{2}, \dots, v_{m}\}$$

$$\xrightarrow{q_0} \xrightarrow{0} \xrightarrow{q_1} \xrightarrow{1} \xrightarrow{q_2}$$

w = 66184

2.
$$\hat{\delta}(q_{0},0) = \delta(q_{0},0) = \{q_{0},q_{1}\}$$

4.
$$\hat{S}(q_0,001) = S(q_0,1) \cup S(q_1,1) = \{q_0,q_2\}$$

5. $(3,000) = (3,0) \cup (3,0) = (3,3) \cup (3,2) \cup (3,3) \cup$