

```
Z* = { E, 0, 1, 00, 01, . . . .
 L(M): The language A(c by FSA 'F7'

Ly The set of Striys x

L(M) = \{x \mid \delta(g, x) = g \in F\}
                         M: Set of strips ending with 01
                              L(n) = { 01, 001, 101, 1101, 0101, ,...
k Shenkally; L(71) \subseteq \mathcal{E}^{*}
                                     1) Given an arbitrary subset
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1) ... of
$$\delta(q_0, 0) = q_0$$

$$\delta(q_0, 0) = q_0$$

$$\delta(q_0, 0) = q_0$$

$$= \delta(\delta(q_0, 0), 100 \text{ is})$$

$$= \delta(\delta(q_0, 0), 1), 0 \dots$$

$$\delta(q_0, 100) = \delta(\delta(q_0, 0), 1), 0 \dots$$

$$\delta(q_0, 0) = \delta(q_0, 0) = \delta(q_0, 0)$$

$$\delta(q_0, 0) = \delta(q_0, 0)$$

$$\delta(q_0$$

```
£{9,x)
                                      スニス、スンス、
           = \beta(\delta(9,x_1),x_2),\ldots)
  L= {x | x ( foil) x Contains |0| as a substring }.
      TEXA BOOKS,
Theory & lomp.
Lang, Hackines, Comparations
  Automaton theory
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8(8(9,1),1001) ê(92, 1001) 7 = 01 1001 8 (8 (92,1),001) 6 (90,0) = 9, δ (9011001) = \(\delta(\chi_0), \loo1)\\
= \(\delta(\chi_0, 0), \loo1)\\
= \(\delta(\chi_0, 0))\)









