Monday, May 13, 2019 1:31 PM

NFA

$$A = (Q, \Xi, S, 90, F)$$

 $Q = finite set of states$

. Z = input alph.

· 90 + Q init state of

. S: Q x 2 -> Q

- state diagram

- table

3 a

1 3'

 $L(A) = \left\{ x \in \Sigma^{\times} \mid A \text{ on } x \right\}$ $q \in F \right\}$

A language L= = is regular
it it's accepted by some FA.

NFA: Nondet. FA

 $B = (Q, \Xi, S, g_0, F)$ $-S : Q \times \Xi_{\epsilon} \rightarrow S(Q)$





