

→ Sec → 4

Q1 Design a NFA for ~~at~~ language  $L =$   
all string over  $\{0, 1\}$ , that have at  
least two consecutive 0's or 1's

Soln

By the analysis it is clear that NFA will accept the strings of the patterns like 00, 11, 101000, 101100, ...  
The transition diagram is given by

