

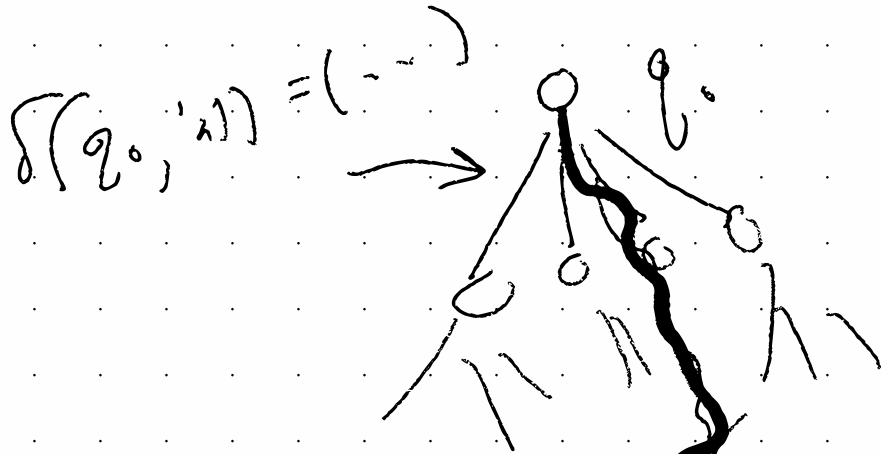
$\langle Q, \Sigma, \delta, q_0 \in Q, F \subseteq Q \rangle$

NFA

$\delta: S \times \Sigma_\epsilon \rightarrow P_r(S)$

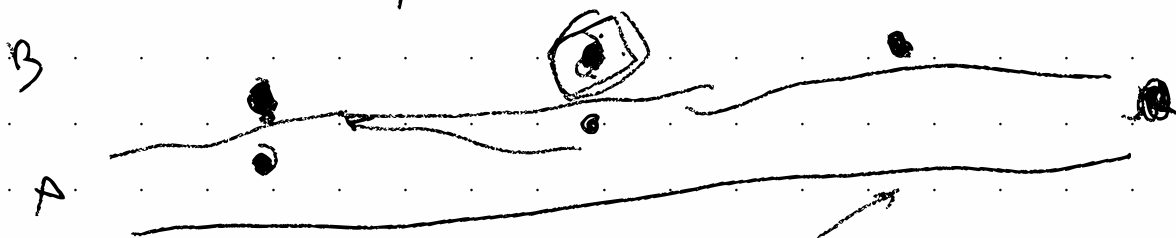
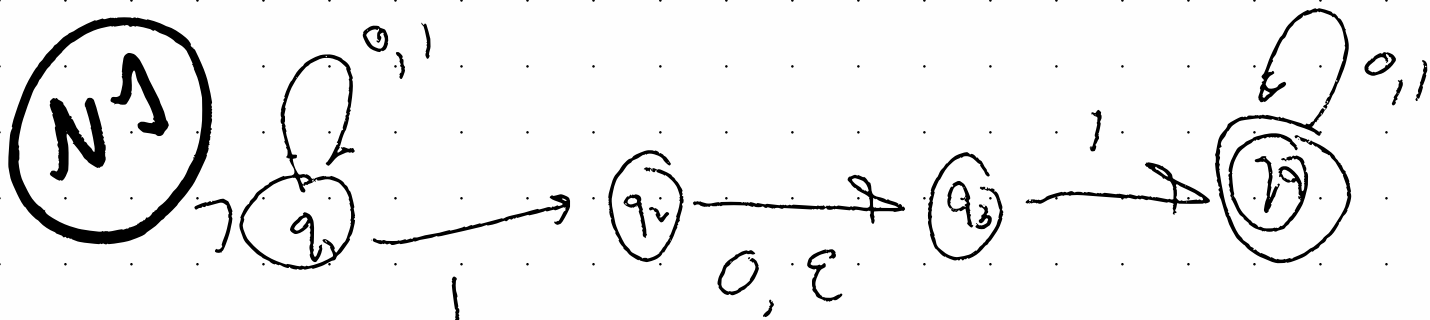
$\epsilon \notin \Sigma$  epsilon moves

# Computation tree

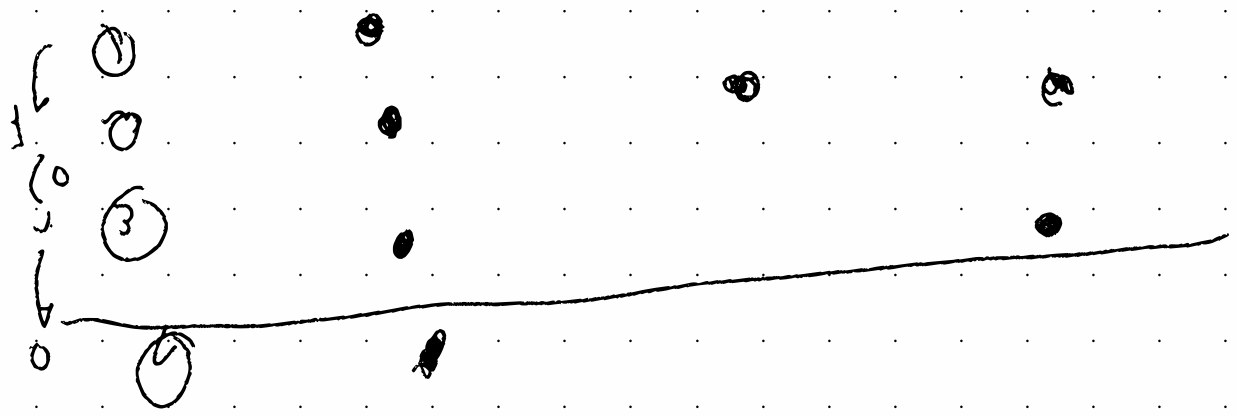
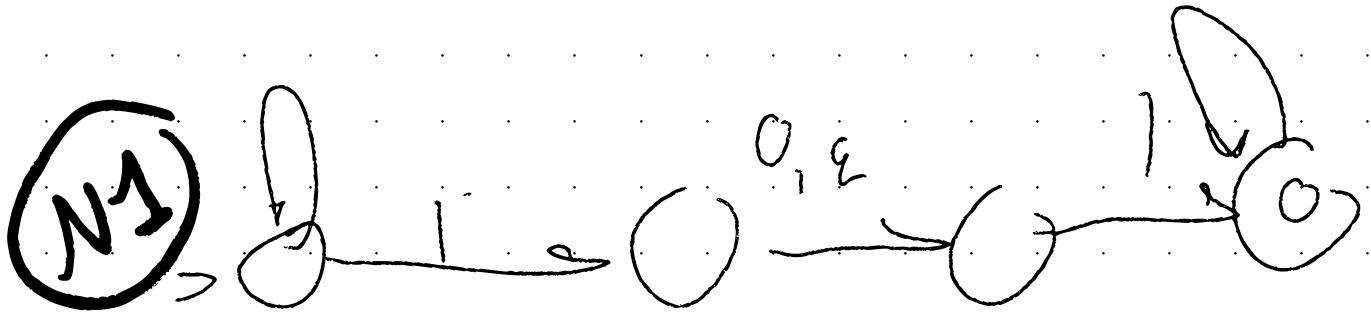


Computation tree that accepts

← can you get to an acceptance state somehow

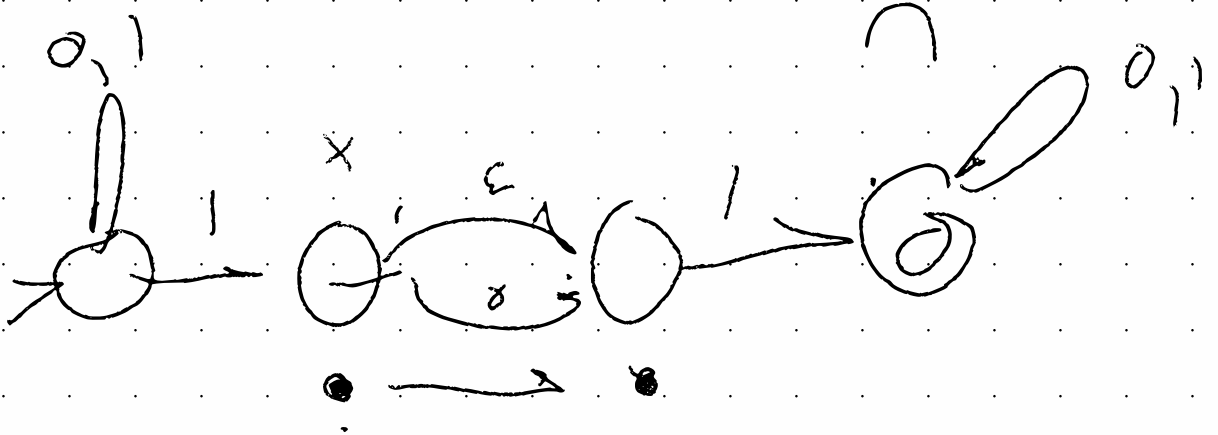


Input:  $0 \downarrow 1 \downarrow \dots$  (if reads accept)



Input:  $\begin{matrix} \downarrow & \downarrow & \downarrow \\ 1 & 0 & 0 \\ \downarrow & \downarrow & \downarrow \\ 1 & 0 & 0 \end{matrix}$  not accepted

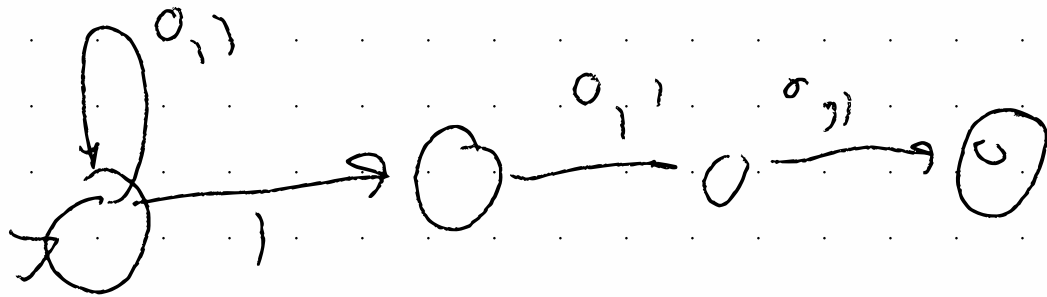
N1



00013111

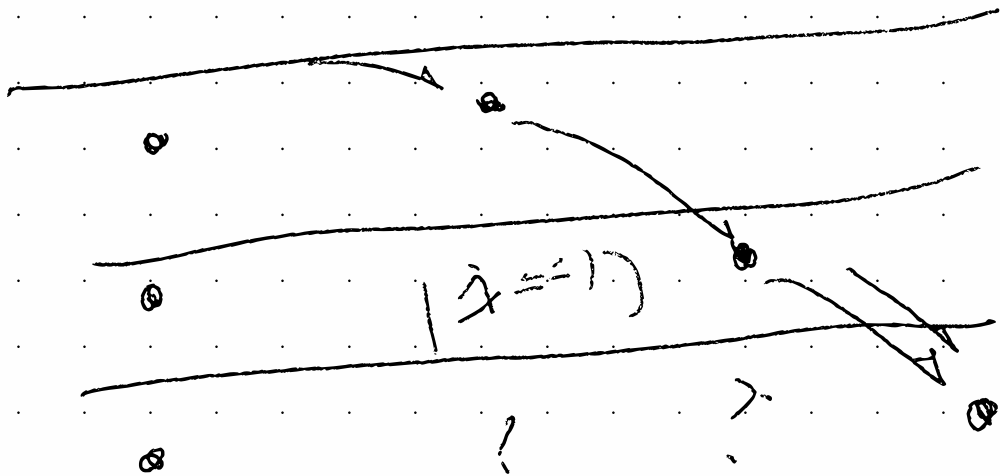
11-  
191-

N2

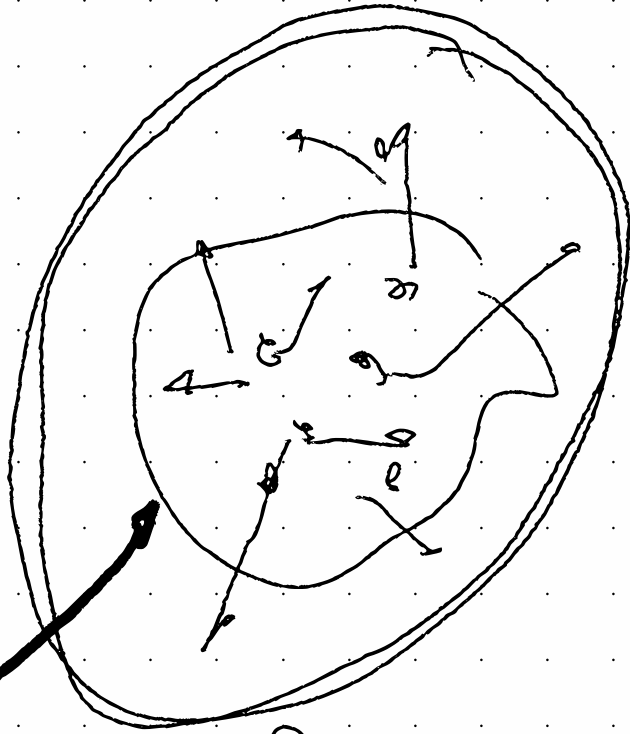


①

x



Epsilon  
closure



original

all states I could  
be in