

ESEMPIO - DA REGEX AD NFA

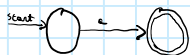
venerdì 31 marzo 2023 15:14

Troviamo un NFA che riconosca il linguaggio descritto dalla REGEX

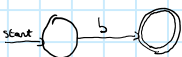
• $(ab \cup a)^*$

Procediamo per passi, individuando di volta in volta un NFA che riconosca un simbolo

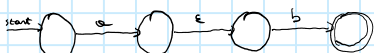
- a



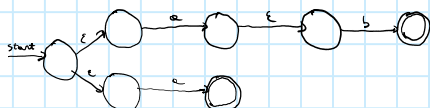
- b



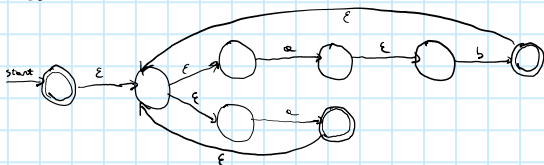
- ab



- $ab \cup a$



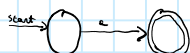
- $(ab \cup a)^*$



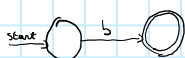
Troviamo un NFA che riconosca il linguaggio descritto dalla REGEX

• $(a \cup b)^* aba$

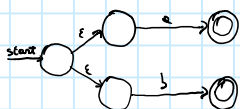
- a



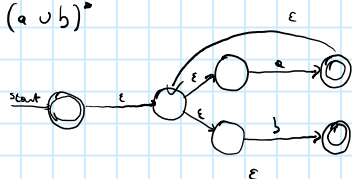
- b



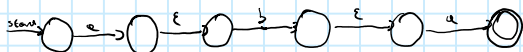
- $(a \cup b)$



- $(a \cup b)^*$



- aba



- $(a \cup b)^* aba$

