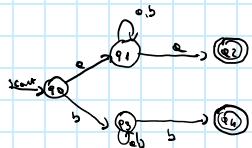


ESEMPIO DI PROVA SCRITTA

lunedì 3 aprile 2023 10:17



Dato il seguente NFA, scrivere le definizioni delle quintupla.

$$N = \{Q, \Sigma, \delta, q_0, F\}$$

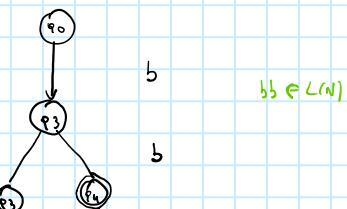
$$Q_N = \{q_0, q_1, q_2, q_3, q_4\}$$

$$\begin{aligned} q_0 &= \text{stato iniziale} \\ F &= \{q_2, q_3, q_4\} \end{aligned}$$

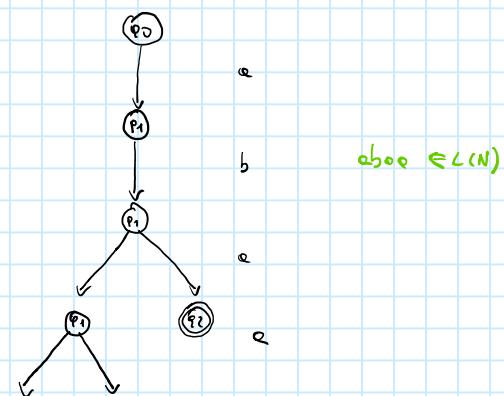
$$\Sigma = \{a, b\}$$

	a	b
$\rightarrow q_0$	{ q_1, q_3 }	{ q_3, q_4 }
q_1	{ q_1, q_2 }	{ q_1 }
q_2	\emptyset	\emptyset
q_3	{ q_3 }	{ q_3, q_4 }
q_4	\emptyset	\emptyset

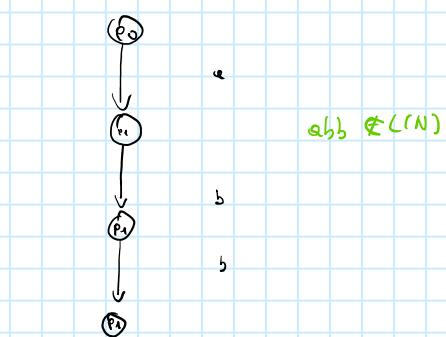
Determinare se le stringhe bb , $abaa$, abb appartengono a $L(N)$.



$bb \in L(N)$



$abaa \in L(N)$



$abb \notin L(N)$