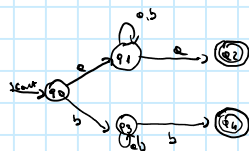


ESEMPIO DI PROVA SCRITTA

lunedì 3 aprile 2023

10:17



Dato il seguente NFA, dare la definizione della primitiva

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

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

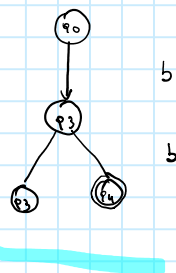
$$\Sigma = \{a, b\}$$

q_0 = stato iniziale

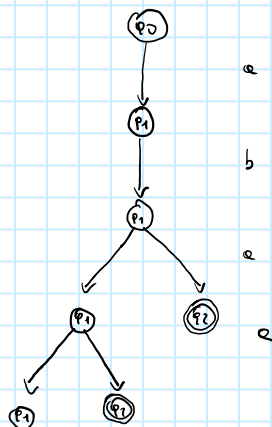
$$F = \{q_3, q_4\}$$

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

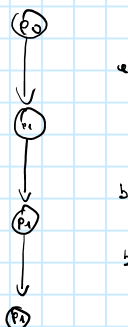
Determinare se le stringhe bb , $abba$, $abbb$ appartengono a $L(N)$



$$bb \in L(N)$$



$$abba \in L(N)$$



$$abbb \notin L(N)$$