LINGUAGGI REGOLARI

ESERVIZI

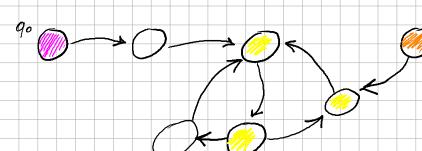
ESERCIZIO 1.1.

PARTIAMO DA UN AUTOMA

D DFA (Q, 5, 8, 90, 7)

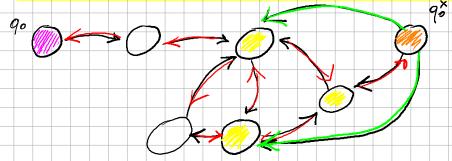
(i mod' in go lle sond i mod'
apportenent a F)

CREIAMO ORA UN NUOVO AUTOMA DE NFA



(il mode onome's e'un mons state, F2 = { 90}

INVERTO IL VERSO DI TUTTELE FRECCIE



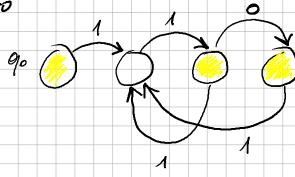
IN SIMBOLL:

$$D_2 = NFA \left(Q_2, \sum_{i} \sigma_{i}, \sigma_{i}, \tau_{i} = \{q_{i}\}\right)$$

$$Q_2 = Q$$

$$\begin{cases} \forall q_1, q_2 \in Q \quad \sigma_2(q_1, \alpha) = q_2 \iff \beta(q_2, \alpha) = q_1 \\ \text{Se } \alpha = \mathcal{E}, q_1 \in F \implies \partial_2(q_0^{\times} \mathcal{E}) = q_1 \end{cases}$$

POSSIANO DRE CHE WE D > WE De



NFA
$$(Q, \Xi, \delta, q_o, F)$$
 ε 1 1 0 ε

$$Q_{2} = Q$$

$$g_{2}(R, \alpha) = \left(\bigcup_{r \in R} g(E(r, \alpha)) \right)$$

ESERCIZIO 1.3.

