

$$\forall q \in Q \quad : \quad \hat{\delta}(q, \epsilon) = \{q\}$$

$$\forall a \in \Sigma \quad \forall q \in Q \quad : \quad \hat{\delta}(q, a) = \delta(q, a)$$

$$\forall w \in \Sigma^* \quad \forall a \in \Sigma \quad \forall q \in Q \quad : \quad \hat{\delta}(q, wa) =$$

$$\{p \in Q | \exists r \in Q \quad : \quad r \in \hat{\delta}(q, w) \text{ and } p \in \delta(r, a)\}$$