



Lo stato iniziale è q_0

$$\delta_M = E(\{q_0\}, a) = \delta_N(E(\{q_0\}, a)) = \{q_1\}$$

$$\delta_M = E(\{q_0\}, b) = \delta_N(E(\{q_0\}, b)) = \{q_3\}$$

$$\delta_M = E(\{q_1\}, a) = \delta_N(E(\{q_1\}, a)) = \{q_2\}$$

$$\delta_M = E(\{q_1\}, b) = \delta_N(E(\{q_1\}, b)) = \{q_3\}$$

$$\delta_M = E(\{q_2\}, a) = \delta_N(E(\{q_2\}, a)) = \{q_2\} \cup \{q_3\} = \{q_2, q_3\}$$

$$\delta_M = E(\{q_2\}, b) = \delta_N(E(\{q_2\}, b)) = \{q_3\} \cup \{q_3\} = \{q_3\}$$

$$\delta_M = E(\{q_3\}, a) = \delta_N(E(\{q_3\}, a)) = \{q_3\}$$

$$\delta_M = E(\{q_3\}, b) = \delta_N(E(\{q_3\}, b)) = \{q_3\}$$

$$\delta_M = E(\{q_3, q_2\}, a) = \delta_N(E(\{q_3, q_2\}, a)) = \{q_3\} \cup \{q_2\} = \{q_2, q_3\}$$

$$\delta_M = E(\{q_3, q_2\}, b) = \delta_N(E(\{q_3, q_2\}, b)) = \{q_3\} \cup \{q_3\} = \{q_3\}$$

$$\delta_M = E(\{q_3, q_1\}, a) = \delta_N(E(\{q_3, q_1\}, a)) = \{q_3\} \cup \{q_2\} = \{q_2, q_3\}$$

$$\delta_M = E(\{q_3, q_1\}, b) = \delta_N(E(\{q_3, q_1\}, b)) = \{q_3\} \cup \{q_3\} = \{q_3\}$$

$$\delta_M = E(\{q_3, q_0\}, a) = \delta_N(E(\{q_3, q_0\}, a)) = \{q_3\} \cup \{q_1\} = \{q_1, q_3\}$$

$$\delta_M = E(\{q_3, q_0\}, b) = \delta_N(E(\{q_3, q_0\}, b)) = \{q_3\} \cup \{q_3\} = \{q_3\}$$

$$\delta_M = E(\{q_3, q_0, q_1\}, a) = \delta_N(E(\{q_3, q_0, q_1\}, a)) = \{q_3\} \cup \{q_1\} \cup \{q_2\} = \{q_1, q_2, q_3\}$$

$$\delta_M = E(\{q_3, q_0, q_1\}, b) = \delta_N(E(\{q_3, q_0, q_1\}, b)) = \{q_3\} \cup \{q_3\} \cup \{q_3\} = \{q_3\}$$

$$\delta_M = E(\{q_3, q_0, q_1, q_2\}, a) = \delta_N(E(\{q_3, q_0, q_1, q_2\}, a)) = \{q_3\} \cup \{q_1\} \cup \{q_2\} \cup \{q_3\} = \{q_1, q_2, q_3\}$$

$$\delta_M = E(\{q_3, q_0, q_1, q_2\}, b) = \delta_N(E(\{q_3, q_0, q_1, q_2\}, b)) = \{q_3\} \cup \{q_3\} \cup \{q_3\} \cup \{q_3\} = \{q_3\}$$

