$$\delta_M(\{p_1,p_2\},1) = E(\delta_N(q_1,1)) \cup E(\delta_N(q_2,1)) = \{p_2,p_3\}$$

$$\delta_M(\{p_2,p_3\},0) = E(\delta_N(q_2,0)) \cup E(\delta_N(q_3,0)) = \{p_2\}$$

$$\delta_M(\{p_2,p_3\},1) = E(\delta_N(q_2,1)) \cup E(\delta_N(q_3,1)) = \{p_2,p_3\}$$

$$\delta_M(\{q_2\},0) = E(\delta_N(q_2,0)) = \{p_2\}$$

$$\delta_M(\{p_2\},1) = E(\delta_N(q_2,1)) = \{p_2,p_3\}$$

$$F = \{p_2,p_3\}$$