



u

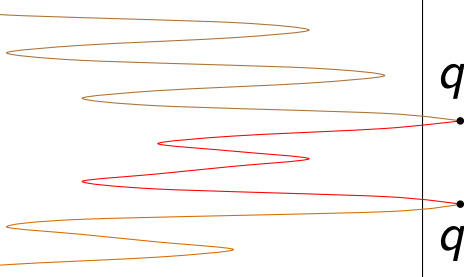


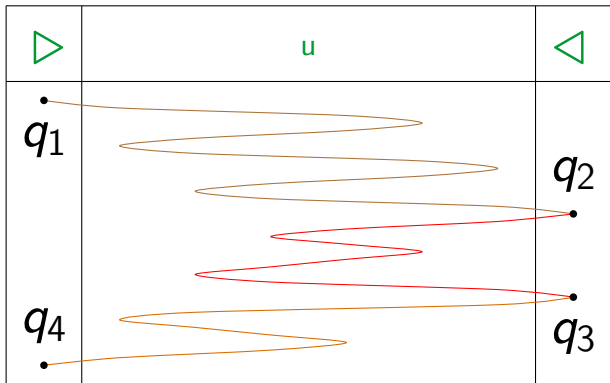
q_1

q_2

q_4

q_3

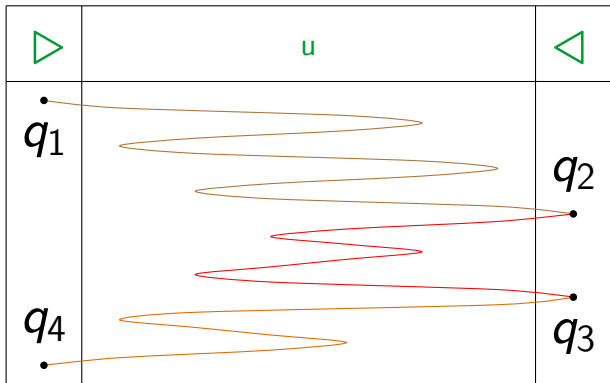




$$\vdash \rightarrow R_1 = \{(u, v_1)\}$$

$$\vdash \rightarrow R_2 = \{(u, v_2)\}$$

$$\vdash \rightarrow R_3 = \{(u, v_3)\}$$



$$\vdash \rightarrow R_1 = \{(u, v_1)\}$$

$$\vdash \rightarrow R_2 = \{(u, v_2)\}$$

$$\vdash \rightarrow R_3 = \{(u, v_3)\}$$

$$R_1 \oplus R_2 \oplus R_3 = \{(u, v_1 v_2 v_3)\}$$