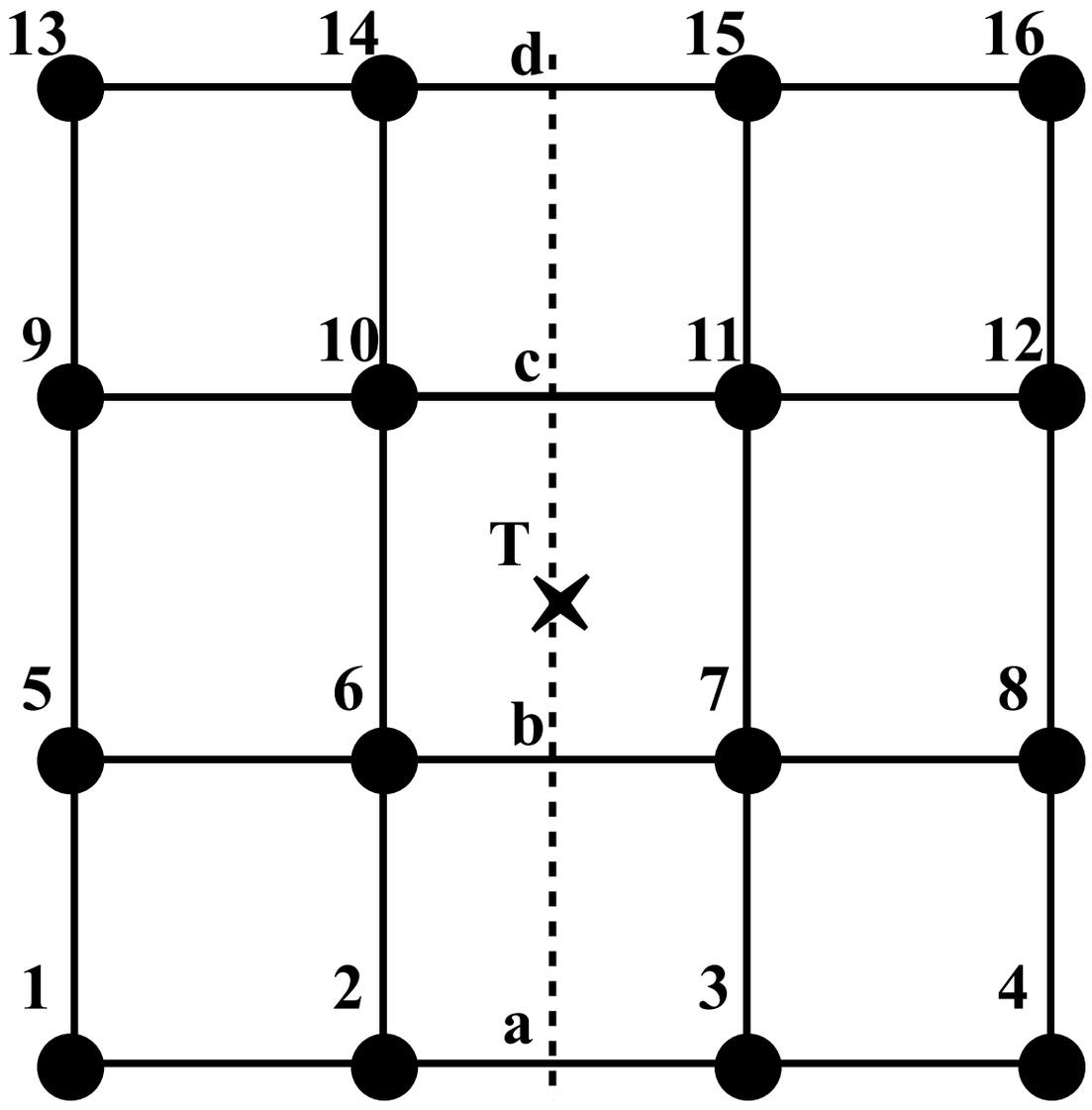

$$q_1, q_2, q_{x2}, q_3, q_{x3}, q_4 \rightarrow q_a$$

$$q_5, q_6, q_{x6}, q_7, q_{x7}, q_8 \rightarrow q_b$$

$$q_{y5}, q_{y6}, q_{xy6}, q_{y7}, q_{xy7}, q_{y8} \rightarrow q_{yb}$$

$$q_9, q_{10}, q_{x10}, q_{11}, q_{x11}, q_{12} \rightarrow q_c$$

$$q_{y9}, q_{y10}, q_{xy10}, q_{y11}, q_{xy11}, q_{y12} \rightarrow q_{yc}$$

$$q_{13}, q_{14}, q_{x14}, q_{15}, q_{x15}, q_{16} \rightarrow q_d$$

$$q_a, q_b, q_{yb}, q_c, q_{yc}, q_d \longrightarrow q_T$$