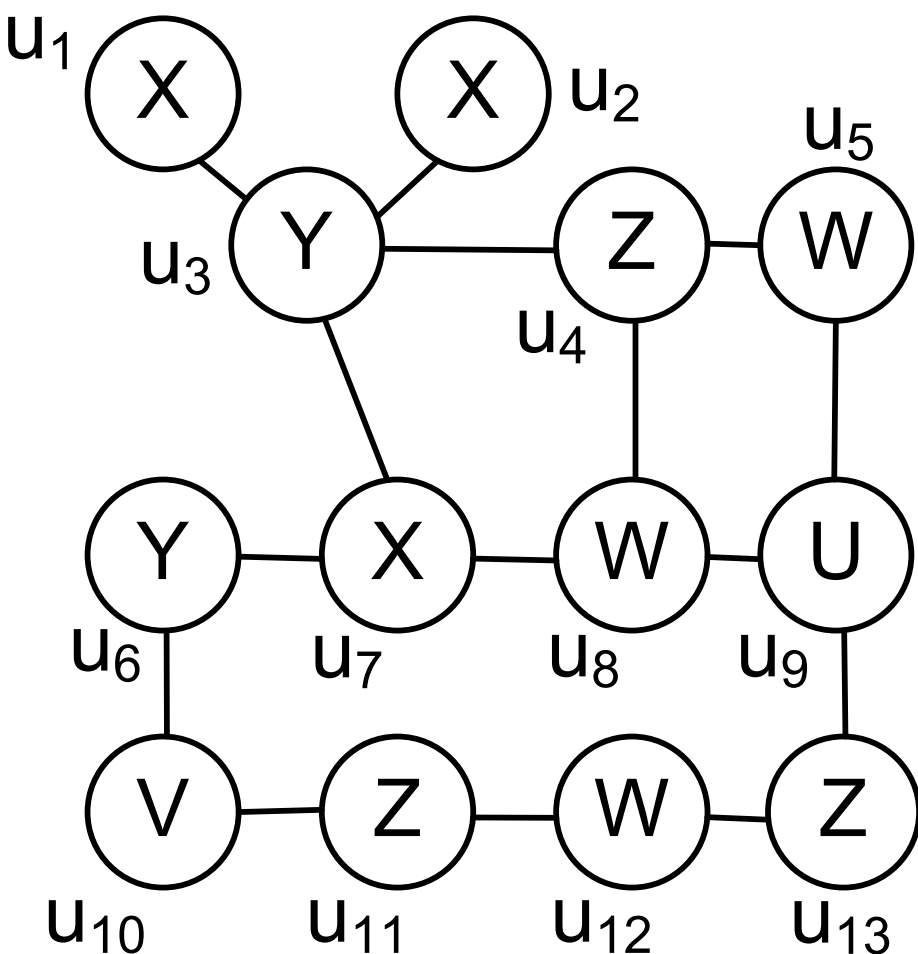


Pattern  $Q_1$



Input Graph G

## Forward Node Mapping

$$v_1 \rightarrow u_1, u_2, u_7$$

$$v_2 \rightarrow u_3, u_6$$

## Inverse Node Mapping

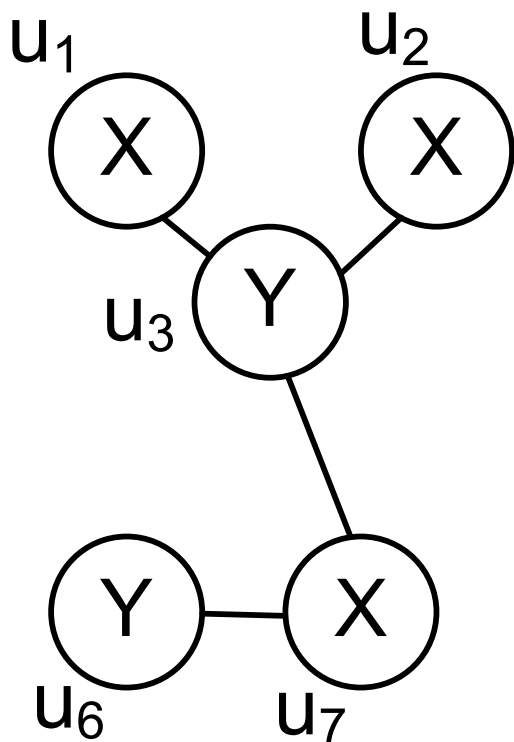
$$u_1 \rightarrow v_1$$

$$u_2 \rightarrow v_1$$

$$u_7 \rightarrow v_1$$

$$u_3 \rightarrow v_2$$

$$u_6 \rightarrow v_2$$



Replica ( $Q_1$ )