



关系 \sim 的元素:

$(A, B), (A, C)$

$(C, D), (D, C)$

$(E, F), (G, F)$

$(H, F), (H, I)$

$(I, H), (H, J)$

$$\text{dom } \sim = \{A, C, D, E, G, H, I\}$$

$$\text{ran } \sim = \{B, C, D, F, H, I, J\}$$