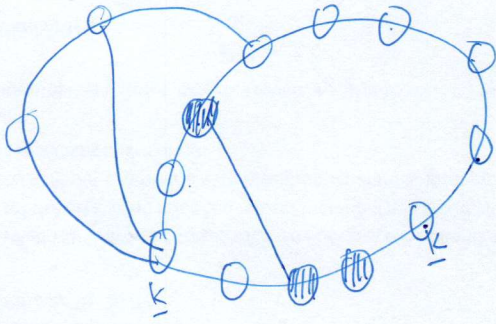
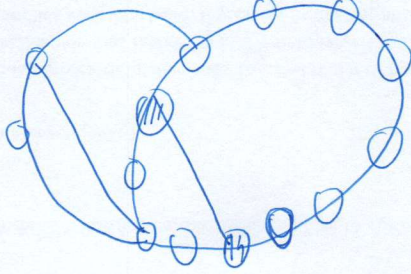


strong connectedness

$$k \neq p \text{ total}$$



$$k = p \text{ total}$$



i knows k is $p2v$

k is unsure i is or not.

necessary condition.

$$I_i^C \cap I_k^C = \emptyset$$

