

CH5 Homework (4/27)

- Please describe a relation in your daily life to meet the following requirement. (more specific answer get higher score)
 1. one-to-one
 2. Onto
 3. One-to-one & onto
 4. None of above
- “Relation” is a **directed** mapping. In our life, many “relations” are **un-directed**, e.g., “room-mate”. Please give examples to describe directed and undirected relations.
 - Can these undirected relations have function characteristics, e.g., one-to-one and onto? What do it mean?

CH5 Homework Quiz

- 5.3: 12 (20 pts)
- 5.4: 6
 - (1) Answer 5.4-6(a)~(d) again, if we know $f(b, a) \neq c$
 - (2) in (1), if $f(b, a) \neq c$ **or** $f(a, d) \neq b$
- 5.5: 4