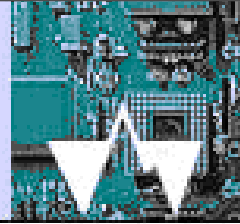


Westwood



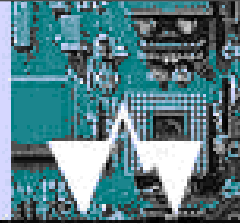
DENVER/HOUSTON/LOS ANGELES/CHICAGO/DENVER/HOUSTON/LOS ANGELES/CHICAGO/DENVER/HOUSTON

Unit 4 Relations



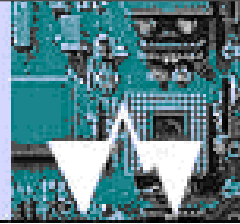
Relations

- What is a relation?
- Operations on relations
- Inverse or converse relations



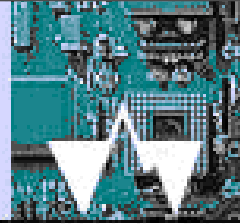
Relations

- Composition of relations
- Relations override
- Modeling relations
- Relations as predicates
- Modeling relations with product sets
- Higher order relations



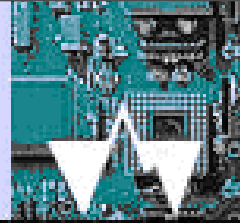
Relations

- A simple example of a relation
- Operations of relations considered as sets
- Domain and range
- Set operations
- Relational inverse



Relations

- Composition
- Relational override
- Some special types of relations
- Null relation



Relations

- Universal relation
- Identity relation
- One-to-one correspondences