

- Part 1 Databases and database management systems: Database systems
- Database management system architecture
- Part 2 Relational modelling: Tables
- Redundant vs duplicated data
- Repeating groups
- Determinants and identifiers
- Fully-normalised tables
- Part 3 Entity-relationship modelling
- Introduction to entity-relationship modelling
- Properties of relationships
- Decomposition of many:many relationships
- Connection traps
- Skeleton entity-relationship models
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- Second level design
- Part 4 Further topics
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- Relational algebra
- Query optimisation
- The SQL language
- Object orientation
- Appendix: The Codasyl (network) model