

Preface	
Contributors	
Next-Generation Database Technology	p. 5
The OMG Object Model	p. 18
Object SQL - A Language for the Design and Implementation of Object Databases	p. 42
OQL[C++]: Extending C++ with an Object Query Capability	p. 69
C++ Bindings to an Object Database	p. 89
On View Support in Object-Oriented Database Systems	p. 108
Authorization in Object-Oriented Databases	p. 130
Query Processing in Object-Oriented Database Systems	p. 146
Physical Object Management	p. 175
Requirements for a Performance Benchmark for Object-Oriented Database Systems	p. 203
An Object-Oriented DBMS War Story: Developing a Genome Mapping Database in C++	p. 216
Where Object-Oriented DBMSs Should Do Better: A Critique Based on Early Experiences	p. 238
Object-Oriented Database Systems: Promises, Reality, and Future	p. 255
The POSC Solution to Managing EandP Data	p. 281
The Changing Database Standards Landscape	p. 302
Multimedia Information Systems: Issues and Approaches	p. 318
Spatial Data Models and Query Processing	p. 338
Spatial Data Structures	p. 361
Temporal Object-Oriented Databases: A Critical Comparison	p. 386
Cooperative Transactions for Multiuser Environments	p. 409
Active Database Systems	p. 434
Management of Uncertainty in Database Systems	p. 457
Distributed Databases	p. 477
Parallel Relational Database Systems	p. 494
Technology for Interoperating Legacy Databases	p. 515
On Resolving Schematic Heterogeneity in Multidatabase Systems	p. 521
Query Processing in Multidatabase Systems	p. 551
Transaction Management in Multidatabase Systems	p. 573
Specification and Execution of Transactional Workflows	p. 592
Schema Architecture of the UniSQL/M Multidatabase System	p. 621
EDA/SQL	p. 649
Pegasus: A Heterogeneous Information Management System	p. 664
Overview of the ADDS System	p. 683
Index	p. 702

*Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.*