Preface
Committee Members and Invited Speakers
List of Referees
An Algebraic Semantics for Message Sequence Chart Documents p. 3
Open Estelle - An FDT for Open Distributed Systems p. 19
A graphical representation and prototype editor for the Formal Description Technique Estelle p. 37
Protocol Feature Interactions p. 59
Limits and possibilities of sequential hashing with supertrace p. 75
Fault-oriented Test Generation for Multicast Routing Protocol Design p. 93
Issues in conformance testing : multiple semicontrollable interfaces p. 111
Quality of Service in Integrated Networks p. 143
Enumeration Protocol in Estelle : an exercise in stepwise development p. 147
A Design Methodology for the Formal Specification and Verification of Hypermedia Documents p. 163
Frameworks by means of virtual types - exemplified by SDL p. 181
SDL-Pattern based Development of a Communication Subsystem for CAN p. 197
"On-the-fly Instantiation" of Value-passing Processes p. 215
Solving Asynchronous Equations p. 231
Shared Variables and Efficient Synchronization Primitives for Synchronous Symbolic Verifiers p. 249
SDL specification and verification of universal personal computing : with Object GEODE p. 267
Development of a Validation System based on Formal Description Techniques : Application to an Ada Run Time System p. 283
Full-Automatic Implementation of Protocol Programs for OSI Application Protocols over ROSE p. 309
A Logical Framework for Distributed Systems and Communication Protocols p. 327
Exploiting Symmetry in Protocol Testing p. 337
Towards Automatic Distribution of Testers for Distributed Conformance Testing p. 353
On the Improvement of Estelle Based Automatic Implementations p. 371
Hardware - Software Co-design of embedded telecommunication systems using multiple formalisms for application development p. 387
Hardware synthesis from protocol specifications in LOTOS p. 405
Integrating Real Time into Spin : A Prototype Implementation p. 423
TwoTowers: A Tool Integrating Functional and Performance Analysis of Concurrent Systems p. 457
Index of contributors p. 469

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