Looking Back to the Future
Past, Present, and Future of SRA Implementation of CafeOBJ
On Failures and Faults
Trends in Software Verification
Event Based Sequential Program Development: Application to Constructing a Pointer Program
Proving the Shalls
Adaptable Translator of B Specifications to Embedded C Programs
Integrating Model-Checking Architectural Analysis and Validation in a Real Software Life-Cycle
Lessons Learned from a Successful Implementation of Formal Methods in an Industrial Project
Determining the Specification of a Control System from That of Its Environment
Managerial Issues for the Consideration and Use of Formal Methods
Verifying Emulation of Legacy Mission Computer Systems
Improving Safety Assessment of Complex Systems: An Industrial Case Study
Compositional Verification of an ATM Protocol
Proving the Correctness of Simpson's 4-Slot ACM Using an Assertional Rely-Guarantee Proof Method
Synthesis and Verification of Constraints in the PGM Protocol
Mapping Statecharts to Verilog for Hardware/Software Co-specification
A Strategy for Compiling Classes, Inheritance, and Dynamic Binding
A Semantic Foundation for TCOZ in Unifying Theories of Programming
Refinement and Verification of Synchronized Component-Based Systems
Certifying and Synthesizing Membership Equational Proofs
Team Automata Satisfying Compositionality
Composing Invariants
Java Applet Correctness: A Developer-Oriented Approach
Improving JML: For a Safer and More Effective Language
Using Abstractions for Heuristic State Space Exploration of Reactive Object-Oriented Systems
A Formal Framework for Modular Synchronous System Design
Generating Counterexamples for Multi-valued Model-Checking
Combining Real-Time Model-Checking and Fault Tree Analysis
Model-Checking TRIO Specifications in SPIN
Computing Meta-transitions for Linear Transition Systems with Polynomials
Translation-Based Compositional Reasoning for Software Systems
Watchdog Transformations for Property-Oriented Model-Checking
A Circus Semantics for Ravenscar Protected Objects
Constructing Deadlock Free Event-Based Applications: A Rely/Guarantee Approach
A General Approach to Deadlock Freedom Verification for Software Architectures
Taking Alloy to the Movies
Interacting State Machines for Mobility