# Table of Contents

## Invited Talk: Eran Gery

Rhapsody: A Complete Life-Cycle Model-Based Development System .... 1  
Eran Gery, David Harel, and Eldad Palachi

## Integration, Simulation, Animation

An Integrated Semantics for UML Class, Object and State Diagrams  
Based on Graph Transformation ........................................ 11  
Sabine Kuske, Martin Gogolla, Ralf Kollmann,  
and Hans-Jörg Kreowski

Stochastic Process Algebras Meet Eden ............................ 29  
Natalia López, Manuel Núñez, and Fernando Rubio

## From Specification to Verification

From Implicit Specifications to Explicit Designs  
in Reactive System Development ........................................ 49  
K. Lano, D. Clark, and K. Androutsopoulos

Basic-REAL: Integrated Approach for Design, Specification  
and Verification of Distributed Systems ........................... 69  
V.A. Nepomniaschy, N.V. Shilov, E.V. Bodin, and V.E. Kozura

Assume-Guarantee Algorithms for Automatic Detection  
of Software Failures .................................................. 89  
Mohammad Zulkernine and Rudolph E. Seviora

## Statecharts and B: Integration and Translation

Contributions for Modelling UML State-Charts in B ............ 109  
Hung Ledang and Jeanine Souquières

Translating Statecharts to B ........................................ 128  
Emil Sekerinski and Rafik Zurob

## Invited Talk: Shmuel Katz

A Framework for Translating Models and Specifications ........ 145  
Shmuel Katz and Orna Grumberg
Integrated Formal Methods
Butler, M.; Petre, L.; Sere, K. (Eds.)
2002, X, 401 p., Softcover
ISBN: 978-3-540-43703-1