

Set-Theoretic Models of Computations	1
<i>Jean-Raymond Abrial</i>	
Model-Based Mutation Testing of Reactive Systems: From Semantics to Automated Test-Case Generation	23
<i>Bernhard K. Aichernig</i>	
Pliant Modalities in Hybrid Event-B	37
<i>Richard Banach</i>	
A Relational Approach to an Algebraic Community: From Paul Erdős to He Jifeng	54
<i>Jonathan P. Bowen</i>	
Practical Theory Extension in Event-B	67
<i>Michael Butler and Issam Maamria</i>	
Simulink Timed Models for Program Verification	82
<i>Ana Cavalcanti, Alexandre Mota, and Jim Woodcock</i>	
Concept Analysis Based Approach to Statistical Web Testing	100
<i>Chao Chen, Huaikou Miao, and Yihai Chen</i>	
Algebraic Program Semantics for Supercomputing	118
<i>Yifeng Chen</i>	
Modeling and Specification of Real-Time Interfaces with UTP	136
<i>Hung Dang Van and Hoang Truong</i>	
Some Fixed-Point Issues in PPTL	151
<i>Zhenhua Duan, Qian Ma, Cong Tian, and Nan Zhang</i>	
The Value-Passing Calculus	166
<i>Yuxi Fu</i>	
Proving Safety of Traffic Manoeuvres on Country Roads	196
<i>Martin Hilscher, Sven Linker, and Ernst-Rüdiger Olderog</i>	
Generic Models of the Laws of Programming	213
<i>Tony Hoare</i>	
Ours Is to Reason Why	227
<i>Cliff B. Jones, Leo Freitas, and Andrius Velykis</i>	

Optimal Bounds for Multiweighted and Parametrised Energy Games . . .	244
<i>Line Juhl, Kim Guldstrand Larsen, and Jean-François Raskin</i>	
On the Relationship between LTL Normal Forms and Büchi Automata	256
<i>Jianwen Li, Geguang Pu, Lijun Zhang, Zheng Wang, Jifeng He, and Kim Guldstrand Larsen</i>	
Managing Environment and Adaptation Risks for the Internetware Paradigm	271
<i>Jian Lü, Yu Huang, Chang Xu, and Xiaoxing Ma</i>	
Safety versus Security in the Quality Calculus	285
<i>Hanne Riis Nielson and Flemming Nielson</i>	
Invariants Synthesis over a Combined Domain for Automated Program Verification	304
<i>Shengchao Qin, Guanhua He, Wei-Ngan Chin, and Hongli Yang</i>	
Slow Abstraction via Priority	326
<i>A.W. Roscoe and Philippa J. Hopcroft</i>	
Performance Estimation Using Symbolic Data	346
<i>Jian Zhang</i>	
Synthesizing Switching Controllers for Hybrid Systems by Generating Invariants	354
<i>Hengjun Zhao, Naïjun Zhan, and Deepak Kapur</i>	
Graph-Based Object-Oriented Hoare Logic	374
<i>Liang Zhao, Shuling Wang, and Zhiming Liu</i>	
Towards a Modeling Language for Cyber-Physical Systems	394
<i>Longfei Zhu, Yongxin Zhao, Huibiao Zhu, and Qiwen Xu</i>	
Author Index	413