

Contents

Non-intrusive Repair of Safety and Liveness Violations in Reactive Programs	1
<i>David Harel, Guy Katz, Assaf Marron, and Gera Weiss</i>	
Designing Adaptive Systems Using Teleo-Reactive Agents	34
<i>Graeme Smith, J. W. Sanders, and Kirsten Winter</i>	
Towards Formal Modelling and Verification of Pervasive Computing Systems	62
<i>Yan Liu, Xian Zhang, Yang Liu, Jin Song Dong, Jun Sun, Jit Biswas, and Mounir Mokhtari</i>	
Revisiting Agent-Based Models of Algorithmic Trading Strategies	92
<i>Natalia Ponomareva and Anisoara Calinescu</i>	
Self-Explanation in Adaptive Systems Based on Runtime Goal-Based Models	122
<i>Kris Welsh, Nelly Bencomo, Pete Sawyer, and Jon Whittle</i>	
A Higher-Order Agent Model with Contextual Planning Management for Ambient Systems	146
<i>Ahmed-Chawki Chaouche, Amal El Fallah Seghrouchni, Jean-Michel Ilié, and Djamel Eddine Saïdouni</i>	
An Ontological Consensus Augmented Framework for Collaborative Business Process Formulation	170
<i>Hanh H. Hoang, Trung V. Nguyen, and Vu Minh Hoang</i>	
Author Index	191