

Table of Contents

MetaMAc, or What Do I Do Now? A Strategic Perspective on Autonomy Beyond Anomalies and Goals <i>Don Perlis and Michael Cox</i>	1
Unmanned Aerial Vehicles & Service-Oriented Architecture: LARISSA and Knowledge Based Framework's First Study <i>Emerson Marconato, Douglas Rodrigues, Arthur Chaves, Rajiv Ramdhany, Kalinka Branco, and Geoff Coulson</i>	5
A Fault Tolerance Approach Based on Reinforcement Learning in the Context of Autonomic Opportunistic Grids <i>Alcilene Dalilia de Sousa and Luciano Reis Coutinho</i>	11
Using Performance Modelling for Autonomic Resource Allocation Strategies Analysis <i>Mehdi Sliem, Nabila Salmi, and Malika Ioualalen</i>	18
Operation of Accumulator-Bank Serving Agent System Using Machine Learning <i>Agnes Werner-Stark, Tibor Dulai, and Katalin M. Hangos</i>	25
Resource Aware Workload Management for Autonomic Database Management Systems <i>Wendy Powley, Patrick Martin, Natalie Gruska, Paul Bird, and David Kalmuk</i>	31
Policy for Distributed Self-Organizing Infrastructure Management in Cloud Datacenters <i>Daniela Loreti and Anna Ciampolini</i>	37
Experiments with NetLogo for Distributed Channel Assignment in Dense WLAN Networks <i>Vangelis Gazis, Konstantinos Sasloglou, Andreas Merentitis, and Kostas Mathioudakis</i>	44