
Contents

Introducing the Concept of Activation and Blocking of Rules in the General Framework for Regulated Rewriting in Sequential Grammars <i>A. Alhazov, R. Freund, S. Ivanov</i>	1
One-Membrane P Systems with Activation and Blocking of Rules <i>A. Alhazov, R. Freund, S. Ivanov</i>	23
Input-Driven Tissue P Automata <i>A. Alhazov, R. Freund, S. Ivanov, M. Oswald, S. Verlan</i>	39
A Note on a New Class of APCol Systems <i>L. Ciencialová, E. Csuhaj-Varjú, G. Vaszil</i>	59
P Colony Automata with $LL(k)$ -like Conditions <i>E. Csuhaj-Varjú, K. Kántor, G. Vaszil</i>	69
Testing Identifiable Kernel P Systems Using an X-machine Approach <i>M. Gheorghe, F. Ipate, R. Lefticaru, A. Turlea</i>	79
Spiking Neural P Systems with Addition/Subtraction Computing on Synapse <i>Y. Jiang, Z. Chen</i>	97
Characterizing PSPACE with Shallow Non-Confluent P Systems <i>A. Leporati, L. Manzoni, G. Mauri, A.E. Porreca, C. Zandron</i>	109
Limits on P systems with Proteins and Without Division <i>D. Orellana-Martín, L. Valencia-Cabrera,</i> <i>A. Riscos-Núñez, M.J. Pérez-Jiménez</i>	123
Narrowing Frontiers of Efficiency with Evolutional Communication Rules and Cell Separation <i>D. Orellana-Martín, L. Valencia-Cabrera, B. Song,</i> <i>L. Pan, M.J. Pérez-Jiménez</i>	139
Author Index	163

