

Contents

Preface — VII

Dieter Spreen

The Life and Work of Victor L. Selivanov — 1

Collins Amburo Agyingi, Paulus Haihambo, and Hans-Peter A. Künzi

Tight Extensions of T_0 -Quasi-Metric Spaces — 9

Klaus Ambos-Spies

On the Strongly Bounded Turing Degrees of Simple Sets — 23

Matthew de Brecht

Levels of Discontinuity, Limit-Computability, and Jump Operators — 79

Jacques Duparc, Olivier Finkel, and Jean-Pierre Ressayre

The Wadge Hierarchy of Petri Nets ω -Languages — 109

Willem L. Fouché

Diophantine Properties of Brownian Motion: Recursive Aspects — 139

Sy-David Friedman

The Completeness of Isomorphism — 157

Peter Hertling, Victor Selivanov

Complexity Issues for Preorders on Finite Labeled Forests — 165

Anton Konovalov

Boolean Algebras of Regular Quasi-aperiodic Languages — 191

Eryk Kopczyński, Damian Niwiński

A Simple Indeterminate Infinite Game — 205

Luca Motto Ros, Philipp Schlicht

Lipschitz and Uniformly Continuous Reducibilities on Ultrametric Polish Spaces — 213

Sergey Odintsov

On the Equivalence of Paraconsistent and Explosive Versions of Nelson Logic — 259

Svetlana Selivanova

Computing Clebsch-Gordan Matrices with Applications in Elasticity Theory — 273

Nikolay V. Shilov

An Approach to Design of Automata-Based Axiomatization for Propositional Program and Temporal Logics (by Example of Linear Temporal Logic) — 297

Dieter Spreen

Partial Numberings and Precompleteness — 325

Dieter Spreen

An Isomorphism Theorem for Partial Numberings — 341

Ludwig Staiger

Two theorems on the Hausdorff measure of regular ω -languages — 383

Anton V. Zhukov

Some Notes on the Universality of Three-Orders on Finite Labeled Posets — 393

Index — 411