

Contents - Vol. 24 (2010), Fasc. 3-4

Preface	197
<i>Aleksandar Kartelj</i> Classification of Smoking Cessation Status using Various Data Mining Methods	199
<i>Aleksandra Mileva</i> Cryptographic Primitives with Quasigroup Transformations	207
<i>Almasa Odžak</i> On Li's Coefficients for Some Classes of L -Functions	217
<i>Aurelio de los Reyes V and Franz Kappel</i> Modeling Pulsatility in the Human Cardiovascular System	229
<i>Dženan Gušić</i> Integral Representations of the Logarithmic Derivative of the Selberg Zeta Function	243
<i>Jelena Rubeša and Karl Kunisch</i> Semi-Smooth Newton methods for the Time Optimal Control of Nonautonomous Ordinary Differential Equations	253
<i>Marija Milanović</i> A Metaheuristic Approach to Solving the Generalized Vertex Cover Problem	267
<i>Nacima Memić</i> Multiplicative Systems on Ultra-Metric Spaces	275
<i>Nikolay G. Noev</i> Organization and Security of the Audio and Video Archive for Unique Bulgarian Bells	285

<i>Peter Armyanov</i> File Format for Storage of Multimedia Information	293
<i>Predrag Stanojević, Miroslav Marić, Jozef Kratica, Nebojša Bojović, Miloš Milenković</i> Mathematical Optimization for the Train Timetabling Problem	303
<i>Radoslava Goranova</i> Services on Application Level in Grid for Scientific Calculations	313
<i>Sanela Halilović</i> Nonlinear Spectral Theories And Solvability of Nonlinear Hammerstein Equations	321
<i>Vedad Pasic</i> New Vacuum Solutions for Quadratic Metric-Affine Gravity - a Metric Affine Model for the Massless Neutrino?	329
<i>Vesna Celakoska-Jordanova</i> Canonical Objects in Classes of (n, \mathcal{V}) -Groupoids	341
<i>Zlatko Udovičić</i> Splines in Numerical Integration	351