

CONTENT

Borovička Adam	<u>McCahone's Approach and its Modifications for a Comparison of the Fuzzy Numbers</u>	7
Brezina Jr. Ivan Gežík Pavel Mieresová Lucia	<u>Pricing in Supply Chain and Simulation of Return</u>	14
Černá Anna Černý Jan Palúch Stanislav Peško Štefan Příbyl Vladimír	<u>Note to Economically Optimal Road Subnetwork</u>	20
Černá Anna Černý Jan Volek Josef	<u>Heuristic and Exact Methods for the Location of Ambulance Stations</u>	26
Černý Michal	<u>Interval Data and Regression Models: some Notes, Applications and Problems</u>	31
Fendek Michal	<u>Price Differentiation of a Monopoly Production – Microeconomic Analysis</u>	36
Ferreira Manuel Alberto M.	<u>The Pandemic Period Length Modelled Through $M G \infty$ Queue Systems</u>	43
Fiala Petr	<u>Modeling Framework for Dynamic Pricing and Resource Allocation in Networks</u>	48
Furková Andrea	<u>Are Slovak Economic Faculties Efficient in their Scientific Activities? DEA Approach</u>	53
Horniaček Milan	<u>Inventory Management in Cournot Duopoly</u>	58
Horvát Peter König Brian Ostrihoň Filip	<u>Estimation of Slovak Fiscal Policy Model Using Bayesian Approach</u>	62
Horvát Peter	<u>Exploring Factors of Workers Allocation into Occupation in Slovakia</u>	71
Hozlár Eduard	<u>Factoring Credit Risk and its Security Modeling</u>	79
Chocholatá Michaela	<u>Relationship between Conditional Correlation and Conditional Volatility: Evidence from Selected Central and Eastern European Markets</u>	82
Ivaničová Zlatica Ostrihoň Filip	<u>Consumption Smoothing and Risk Sharing Across the Regions (Fiscal Effects Panel Data Approach)</u>	88
Jablonský Josef	<u>Comparison of Ranking Methods in Two-Stage Serial DEA Models</u>	97
Janáček Jaroslav Kvet Marek	<u>Disutility Relevance Model and Effectiveness of Algorithm for the Weighted P-Median Problem</u>	103
Janáčková Marta Szendreyová Alžbeta	<u>Rounding the Values in the Distance Matrix and the Effect on the Solving the P-Median Problem</u>	111
Jánošíková Ludmila Žarnay Michal	<u>Location of Emergency Stations as the Capacitated P-Median Problem</u>	116

König Brian Domonkos Tomáš	<u>Estimation of Indirect Costs of Unemployment (Cross Country Comparison – SR and CZ)</u>	123
Kučera Petr Bartoška Jan Šubrt Tomáš	<u>Mathematical Models of the Student Syndrome for Use in Project Management</u>	128
Kuncová Martina Sekničková Jana	<u>Multi-Criteria Analysis and Simulation Applied on the Czech Electricity Market</u>	134
Kupkovič Patrik Benkovič Martin	<u>Closed form Solution for Simple Small Open Economy</u>	139
Kvet Marek Janáček Jaroslav	<u>Impact of Population Distribution on the Optimal Public Service System Design</u>	146
Majer Tomáš Palúch Stanislav	<u>Several Attitudes to a Fair Double Rate on a Bus Line</u>	155
Marek Luboš Vrabec Michal	<u>Mixture of Johnson Distribution</u>	162
Matulová Markéta	<u>Consistency of Additive Preference Matrix in Pairwise Comparisons</u>	171
Michalski Grzegorz	<u>Effective Working Capital Investment - German Firms Case</u>	176
Mlynarovič Vladimír	<u>The Analytical System for Portfolio Performance and Risk Distribution</u>	182
Němec Daniel	<u>Efficiency of the Matching Process on the Czech Regional Labour Markets</u>	188
Pastoreková Silvia	<u>ARIMA with Intervention Analysis to Model and Forecast Export of Goods and Services of Slovak Republic</u>	196
Pekár Juraj Brezina Ivan Čičková Zuzana	<u>Synchronization of Vehicle Routing Problem in Two Periods</u>	201
Peško Štefan	<u>Capacitated P-Median Problem on Sparse Networks</u>	207
Pisca Vratislav Vašíček Osvald	<u>Behavior of Slovak Economy Integrated into EMU: DSGE Model with a Government Sector and Inflation Targeting</u>	213
Příbyl Vladimír Černá Anna Černý Jan Nonato Maddalena	<u>Partial Service Routes with Multiple Visits to Edges</u>	220
Rosenberg Zdeněk	<u>Minimalistic Simulation of Population Aging's Implications in the Slovak Republic</u>	226
Rublíková Eva	<u>Modeling Trends and Cycles of GDP in Slovakia</u>	231
Schulz Jaroslav Mikula Štěpán	<u>Impact of Minimum Wage Dynamics on Unemployment: an Empirical Approach</u>	236

Skocdopolova Veronika	<u>University Timetabling: some Special Constraints</u>	245
Stolín Radek	<u>Policyholder's Risk in Czech and Slovak Bonus-Malus Systems</u>	249
Surmanová Kvetoslava Reiff Marian	<u>Okun's Law Verification at the Slovak Regions Data</u>	255
Szomolányi Karol Lukáčik Martin Lukáčiková Adriana	<u>Slovak Economy and Interest Rates Shocks</u>	263
Ševčík Vítězslav Klapka Jindřich	<u>Mathematical Method for Multicriterial Project Selection</u>	269
Šimková Lúbia	<u>An Example of Renegotiation-Proof Equilibrium with Product Innovation</u>	276
Teichmann Dusan Dorda Michal Ivan Martin	<u>Multi-Criteria Optimization of Distribution System Structure – Comparison of Selected Methods and their Effectiveness</u>	280
Tichá Michaela	<u>Noncooperative Multicriteria Games</u>	287
Tvrz Stanislav Vašíček Osvald	<u>Nonlinear DSGE Model of Slovak Economy with Time-Varying Parameters</u>	292
Zouhar Jan	<u>Discrete Strategy Spaces and PQ Oligopoly Equilibria</u>	298