Contents

Friday, September 20, 2013

64		
5	ession	1

A Promotion Sale Problem for a Perihsable Product Hiroaki Ishii	1
On Modeling Planning Problems: Experience From The Petrobras Challenge Roman Barták, Neng-Fa Zhou	7
A Generalization of the Noisy-Or Model to Multivalued Parent Variables Jiří Vomlel	19
Fuzzy Relational Compositions Based on Generalized Intermediate Quantifiers Martin Štěpnička, Michal Holčapek	29
Session 2	
Mining Information from Time Series using Fuzzy Natural Logic Vilém Novák	43
A Karhunen-Loeve Transform Approach to Robust Color Image Segmentation Junzo Watada, Chenxue Wang	51
perator of composition for continuous copulas Vladislav Bína	65
On Causal Compositional Models: preliminaries Radim Jiroušek	73
Session 3	
Portfolio Selection with Interactive Fuzzy Coefficients Masahiro Inuiguchi	83
Decision Making in MAX-PROD Algebra Hana Tomášková, Martin Gavalec	91
Decision Making Process in Agent-based Roundabout Simulation Richard Cimler	99
Location, Allocation and Capacity Design for Emergency Medical Centers Young Dae Ko, Byung Duk Song, Hark Hwang	107

Session 4	
Credal Networks and Compositional Models: Preliminary Considerations Jiřina Vejnarová	119
Hierarchical Clustering Using Proximity Measures Based on Discernibility of Clusters <i>Yoshifumi Kusunoki, Tetsuzo Tanino</i>	129
Rule Based Systems for Monitoring and Controller Re-adaptation Jana Nowaková, Miroslav Pokorný	137
Triads of Implicational, Double-Implicational and Equivalency Data-Mining Quantifiers Jiří Ivánek	145
Saturday, September 21, 2013	
Session 5	
Three-Person Bargaining Problems Milan Vlach	153
Role of Pavlov-like Strategy on Emergence of Cooperation in Demographic Donor-Reci Game	pient
Tsuneyuki Namekata, Yoko Namekata	163
Additively and Multiplicatively Transitive Fuzzy Relations in Ranking of Alternatives Jaroslav Ramík, Petr Korviny	171
An Interpretation of Conflicting Parts of Belief Functions on Two-Element Frame of Disment	cern-
Milan Daniel	187
Session 6	
The Linear Space of Transferable Utility Games Tetsuzo Tanino, Yoshifumi Kusunoki	197
F-Transform for Image Reduction Irina Perfilieva, Petr Hurtík	205
Discrete Representation of Stationary Random Processes Using Fuzzy Transform Michal Holčapek, Vilém Novák, Irina Perfilieva	215
UAV Environment Recognition for Better Horizon Detection with Usage of FUZZY IS David Novák, Petr Čermák	223

CJS-2013 Proceedings - Mariánské Lázně, Czech Republic

Session 7

On Stable Solutions of Atomic Low-Carbon Growth Partnershon	
Mayuko Miyata, Shao-Chin Sung	23
Notes on Solving the Pipelined Set Cover Problem	
Václav Lín	239
Fuzzy Rule Based Behavioral Models in Boarding a Train	
Petr Čermák, Martin Morawiec	24:
On the Practical Issues of Document Context Extraction And Similarity Measuring	
Jiří Přibil	25
Index of Authors	26