

Contents

Part I: Information Retrieval and Management

Algorithm to Determine Longest Common Subsequences of Two Finite Languages	3
<i>Dang Quyet Thang</i>	
Detecting Changes in Stream Query Results	13
<i>Majid Ghayoori, Khosro Salmani, Mostafa S. Haghjoo</i>	
An Efficient Parallel Algorithm for the Set Partition Problem	25
<i>Hoang Chi Thanh, Nguyen Quang Thanh</i>	
Fuzzy Ontology Integration Using Consensus to Solve Conflicts on Concept Level	33
<i>Trong Hai Duong, Ngoc Thanh Nguyen, Adrianna Kozierekiewicz-Hetmaniska, Geun Sik Jo</i>	
Improving Availability in Distributed Component-Based Systems via Replication	43
<i>Samih Al-Areqi, Amjad Hudaib, Nadim Obeid</i>	
OPLSW: A New System for Ontology Parable Learning in Semantic Web	53
<i>David Kabiri, Nasser Modiri, NoorAldeen Mirzaee</i>	
A Study on Vietnamese Prosody	63
<i>Tang-Ho Lê, Anh-Việt Nguyen, Hao Vinh Truong, Hien Van Bui, Dung Lê</i>	
Towards Knowledge Acquisition with WiSENet	75
<i>Dariusz Ceglarek, Konstanty Haniewicz, Wojciech Rutkowski</i>	

Part II: Data Mining and Computational Intelligence

An Approximation Approach for a Real-World Variant of Vehicle Routing Problem	87
<i>Khoa Trinh, Nguyen Dang, Tien Dinh</i>	
CBN: Combining Cognitive Map and General Bayesian Network to Predict Cost of Software Maintenance Effort	97
<i>Kun Chang Lee, Nam Yong Jo</i>	
A Central Leader Election Method Using the Distance Matrix in Ad Hoc Networks	107
<i>Mary Wu, SeongGwon Cheon, ChongGun Kim</i>	
Facial Soft Tissue Thicknesses Prediction Using Anthropometric Distances	117
<i>Quang Huy Dinh, Thi Chau Ma, The Duy Bui, Trong Toan Nguyen, Dinh Tu Nguyen</i>	
Intelligence Trading System for Thai Stock Index	127
<i>Monruthai Radeerom, Hataitep Wongsuwarn, M.L. Kulthon Kasemsan</i>	
Mining for Mining—Application of Data Mining Tools for Coal Postprocessing Modelling	137
<i>Marcin Michalak, Sebastian Iwaszenko, Krzysztof Wierzchowski</i>	
Mining Sequential Rules Based on Prefix-Tree	147
<i>Thien-Trang Van, Bay Vo, Bac Le</i>	
A Modified Fuzzy Possibilistic C-Means for Context Data Clustering toward Efficient Context Prediction	157
<i>Mohamed Fadhel Saad, Mohamed Salah, Jongyoun Lee, Ohbyung Kwon</i>	
A New Model of Particle Swarm Optimization for Model Selection of Support Vector Machine	167
<i>Dang Huu Nghi, Luong Chi Mai</i>	
Optimization of Short-Term Load Forecasting Based on Fractal Theory	175
<i>Yongli Wang, Dongxiao Niu, Ling Ji</i>	
A Performance Evaluation Study of Three Heuristics for Generalized Assignment Problem	187
<i>Tomasz Kolasa, Dariusz Król</i>	
Smart User Adaptive System for Intelligent Object Recognizing	197
<i>Zdenek Machacek, Radim Hercik, Roman Slaby</i>	

Student Modeling by Data Mining	207
<i>Alejandro Peña-Ayala, Riichiro Mizoguchi</i>	

Part III: Service Composition and User-Centered Approach

Student Automatic Courses Scheduling	219
<i>Janusz Sobecki, Damian Fijałkowski</i>	

CAP Analysis of IEEE 802.15.3 MAC Protocol	227
<i>Sana Ullah, Shahnaz Saleem, Kyung Sup Kwak</i>	

Indoor Positioning System Designed for User Adaptive Systems	237
<i>Peter Brida, Frantisek Gaborik, Jan Duha, Juraj Machaj</i>	

Localized Approximation Method Using Inertial Compensation in WSNs	247
<i>ChangWoo Song, KyungYong Chung, Jason J. Jung, KeeWook Rim, JungHyun Lee</i>	

Performance Testing of Web Map Services	257
<i>Jiří Horák, Jiří Ardielli, Jan Růžicka</i>	

Sending Social Impression via a Mobile Phone	267
<i>KangWoo Lee, Kwan Min Lee, Hyunseung Choo</i>	

Part IV: Intelligent Management and e-Business

Application of Fuzzy Feedback Control for Warranty Claim	279
<i>Sang-Hyun Lee, Sang-Joon Lee, Kyung-Il Moon</i>	

Exploring Organizational Citizenship Behavior in Virtual Communities	289
<i>Sung Yul Ryoo, Soo Hwan Kwak</i>	

Integration of Causal Map and Monte Carlo Simulation to Predict the Performance of the Korea e-Procurement System	299
<i>Kun Chang Lee, Namho Chung</i>	

Multi-agent Approach to Monitoring of Systems in SOA Architecture	309
<i>Dominik Ryžko, Aleksander Ihnatowicz</i>	

Next Generation Mobile Convergence Service Analysis and Business Model Development Framework	319
<i>Dongchun Shin, Jinbae Kim, Seungwan Ryu, Sei-Kwon Park</i>	
Optimizing of Artificial Neural Network Based on Immune Genetic Algorithm in Power Load Forecasting	329
<i>Yongli Wang</i>	
What Factors Do Really Influence the Level of Technostress in Organizations?: An Empirical Study	339
<i>Chulmo Koo, Yulia Wati</i>	
Why Do Customers Keep or Switch Their Mobile Telecommunication Service Provider?.....	349
<i>KyoungAe Kim, JaeSung Park, JaeJon Kim, Joon Koh</i>	
Author Index	363