

Table of Contents

Knowledge Management and Business Processes Learning on the Job: A Conceptual Approach and its Prototypical Implementation <i>Julian Krumeich, Dirk Werth, and Peter Loos</i>	1
A Framework for Designing Knowledge Management Systems: Aggregating the Existing Approaches <i>Gaga Ali Thomas, Farhi Marir, Romas Mikusauskas, and Preeti Patel</i>	8
Reuse Cases when Doing Financial Case-Base Reasoning with Respect to Adaptation <i>Jurgen Honigl</i>	16
Shape Feature Extraction for On-line Signature Evaluation <i>Jungpil Shin and Weichen Lin</i>	20
An Expert-Driven Bayesian Network Model for Simulating and Predicting Software Quality <i>Lukasz Radlinski</i>	26
Extraction of Semantic Relationships from Academic Papers using Syntactic Patterns <i>Akihiro Kameda, Kiyoko Uchiyama, Hideaki Takeda, and Akiko Aizawa</i>	32
A Text Mining Approach to Studying Matsushita's Management Thought <i>Xiaojun Ding</i>	36
Exploring your Business Leaders through Virtual Characters -Persona Design and Small Experiments- <i>Yasuhiro Sasaki, Hikaru Uchida, Masaaki Kunigami, Atsushi Yoshikawa, and Takako Terano</i>	40
Profiling of Patrons' Interest Areas from Library's Circulation Records – An Approach to Knowledge Management for University Students – <i>Toshiro Minami</i>	45
Generalised Atanassov Intuitionistic Fuzzy Sets <i>Ioan Despi, Dumitru Opris, and Erkan Yalcin</i>	51
Distributed Cognition in Software Engineering <i>Mathieu Lavallee, Pierre N. Robillard, and Samuel Paul</i>	57
Approaching Regular Polysemy in WordNet <i>Abed Alhakim Freihat, Fausto Giunchiglia, and Biswanath Dutta</i>	63
A Proposition for Fixing the Dimensionality of a Laplacian Low-rank Approximation of any Binary Data-matrix <i>Alain Lelu and Martine Cadot</i>	70

Merging Capabilities of the Social Web and the Semantic Web to Support Knowledge Management in Small and Medium-Sized Enterprises <i>Raitis Sevelis and Alla Anohina-Naumeca</i>	74
Negative Discourse and Emergence of Game Genres - A social networks exploration <i>Emanuela Marchetti and Andrea Valente</i>	81
Choosing a BPMN 2.0 Compatible Upper Ontology <i>Ludmila Penicina</i>	89
Publishing Multidimensional Statistical Linked Data <i>Airton Zancanaro, Leandro Dal Pizzol, Rafael de Moura Speroni, Jose Leomar Todesco, and Fernando Alvaro Ostuni Gauthier</i>	97
Towards Recovering Provenance with Experiment Explorer <i>Delmar B. Davis, Hazeline U. Asuncion, Ghaleb M. Abdulla, and Christopher W. Carr</i>	104
Security of Information System in View of Business Continuity Management <i>Kiyoshi Nagata and Dieter Hertweck</i>	111
Exploring the Effect of Cognitive Map on Decision Makers' Perceived Equivocality and Usefulness in the Context of Task Analyzability and Representation <i>Soon Jae Kwon and Emy Elyanee Mustapha</i>	117
Grouped Queries Indexing For Relational Database <i>Radoslaw Boronski, Grzegorz Bocewicz, and Robert Wojcik</i>	123
Integration of Healthcare Information Systems: Improving Data Quality in a Diagnostic Imaging Department <i>Conceicao Granja, Zafeiris Kokkinogenis, Joaquim Gabriel, and Terje Solvoll</i>	129
Risk as a Subjective Construct: Implications for Project Management Practice <i>Jose Irizar and Martin Wynn</i>	135
Process Mining in Manufacturing Company <i>Milan Pospisil, Vojtech Mates, and Tomas Hruska</i>	143
Analysing Resource Performance and its Application <i>Milan Pospisil, Vojtech Mates, and Tomas Hruska</i>	149
A Model for Recommending Specialization Courses Based on the Professional Profile of Candidates <i>Antonio Souza and Sandra Stump</i>	155
Innovative Approach for Agile BPM	160

Marco Mevius, Rolf Stephan, and Peter Wiedmann

Is There Innovation or Deviation? -Analyzing Emergent Organizational Behaviors through an Agent Based Model and a Case Design 166

Tomomi Kobayashi, Satoshi Takahashi, Masaaki Kunigami, Atsushi Yoshikawa, and Takao Terano

Semantically Standardized and Transparent Process Model Collections via Process Building Blocks 172

Jorg Becker, Nico Clever, Justus Holler, Johannes Puster, and Maria Shitkova

An Ontology-Aided Process Constraint Modeling Framework for Workflow Systems 178

Shasha Liu, Manuel Correa, and Krys Kochut