

Contents

A Multi-level Hierarchical Approach for Configuring Business Processes	1
Mateusz Baran, Krzysztof Kluza, Grzegorz J. Nalepa and Antoni Ligęza	
Profiling Simulation Performance: The Example of the German Toll System	19
Tommy Baumann, Bernd Pfitzinger and Thomas Jestädt	
Analysis of Content of Posts and Comments in Evolving Social Groups	35
Bogdan Gliwa, Anna Zygmunt and Piotr Bober	
Generation of Hierarchical Business Process Models from Attribute Relationship Diagrams	57
Krzysztof Kluza and Grzegorz J. Nalepa	
Nonlinear Time Structures and Nonlinear Time Ontology for Description of Economic Phenomena	77
Maria Mach-Król	
Business Intelligence and Analytics in Organizations	89
Celina M. Olszak	
Low-Frequency Signal Reconstruction and Abrupt Change Detection in Non-stationary Time Series by Enhanced Moving Trend Based Filters	111
Tomasz Pelech-Pilichowski and Jan T. Duda	

The Assessment of the EPQ Parameter for Detecting H-Index Manipulation and the Analysis of Scientific Publications	127
Rafał Rumin and Piotr Potiopa	
Fuzzy Multi-attribute Evaluation of Investments	141
Bogdan Rębiasz, Bartłomiej Gawel and Iwona Skalna	
Theory of Digital Data Transformation in the ICT	157
Lubomyr B. Petryshyn	
The Opportunities and Challenges Connected with Implementation of the Big Data Concept.	171
Janusz Wielki	

Advances in ICT for Business, Industry and Public Sector

Mach-Król, M.; M. Olszak, C.; Pełech-Pilichowski, T. (Eds.)

2015, VIII, 189 p. 76 illus., 9 illus. in color., Hardcover

ISBN: 978-3-319-11327-2