

LIST OF CONTENT

- 1 *Umair Ahmed, Silvia Carpitella, Antonella Certa*
Characterizing Uncertainty In Decision-Making Models For Maintenance In Industry 4.0
- 13 *Marco Baioletti, Andrea Capotorti*
A further step for efficient corrections of inconsistent probabilistic data sets
- 25 *Tobias Boege*
Selfadhesivity in Gaussian conditional independence structures
- 37 *Janneke H. Bolt*
Two Generalizations of the Semi-graphoid Rule of Probabilistic Independence
- 49 *Horacio Flores Casamayor, Silvia Carpitella, Joaquín Izquierdo, Jesús Mora-Rodríguez, Xitlali Delgado-Galván*
Hybrid evaluation of the industrial global impact on Mexican aquifers under uncertain criteria evaluations
- 61 *Giulianella Coletti, Sara Latini, Davide Petturiti*
Independence and correlation for coherent lower conditional probabilities
- 73 *Giulianella Coletti, Davide Petturiti, Barbara Vantaggi*
A look to independence under T -conditional possibility
- 85 *Jane Ivy Coons, Carlotta Langer, Michael Ruddy*
The Generalized Running Intersection Property
- 97 *Milan Daniel, Václav Kratochvíl*
Classes of Conflictness / Non-Conflictness of Belief Functions
- 111 *Radim Jiroušek, Václav Kratochvíl, Prakash P. Shenoy*
Computing the Decomposable Entropy of Graphical Belief Function Models
- 123 *Radim Jiroušek, Václav Kratochvíl, Prakash P. Shenoy*
Two Composition Operators for Belief Functions Revisited
- 135 *Fantišek Kratochvíl, Václav Kratochvíl, George Saad, Jiří Vomlel*
Modeling the spread of loanwords in South-East Asia using sailing navigation software and Bayesian networks
- 147 *Petr Máša, Jan Rauch*
GUHA method and Python Language
- 159 *Jesse van Oostrum, Peter van Hintum, Nihat Ay*
Inversion of Bayesian Networks
- 170 *Theodor Petřík, Martin Plajner*
Concurrent Business and Distribution Strategy Planning Using Bayesian Networks
- 182 *Johannes Rauh, Pradeep Kr. Banerjee, Eckehard Olbrich, Guido Montúfar, Jürgen Jost*
Continuity and Additivity Properties of Information Decompositions

- 196 *Lubomír Soukup*
Probabilistic representation of spatial fuzzy sets
- 206 *Martin Šmíd*
Modeling COVID Pandemics: Strengths and Weaknesses of Epidemic Models
- 215 **List of Authors**