

Contents

Agents

Perception of Masculinity and Femininity of Agent's Appearance and Self-adaptors	3
<i>Tomoko Koda, Takuto Ishioh, Takafumi Watanabe, and Yoshihiko Kubo</i>	
Two Model Checking Approaches to Branch-and-Bound Optimization of a Flow Production System	19
<i>Christoph Greulich and Stefan Edelkamp</i>	
Adaptive Switching Behavioral Strategies for Effective Team Formation in Changing Environments	37
<i>Masashi Hayano, Yuki Miyashita, and Toshiharu Sugawara</i>	
From Reviews to Arguments and from Arguments Back to Reviewers' Behaviour	56
<i>Simone Gabbriellini and Francesco Santini</i>	

Artificial Intelligence

Integrating Graded Knowledge and Temporal Change in a Modal Fragment of OWL.	75
<i>Hans-Ulrich Krieger</i>	
An Agent-Based Architecture for Personalized Recommendations	96
<i>Amel Ben Othmane, Andrea Tettamanzi, Serena Villata, Nhan LE Thanh, and Michel Buffa</i>	
Enhancing Support Vector Decoders by Integrating an Uncertainty Model . . .	114
<i>Jörg Bremer and Sebastian Lehnhoff</i>	
Natural Language Argumentation for Text Exploration	133
<i>Elena Cabrio and Serena Villata</i>	
Instance Selection and Outlier Generation to Improve the Cascade Classifier Precision	151
<i>Judith Neugebauer, Oliver Kramer, and Michael Sonnenschein</i>	
Qualitative Possibilistic Decisions: Decomposition and Sequential Decisions Making	171
<i>Salem Benferhat, Khaoula Boutouhami, Hadja Faiza Khellaf-Haned, and Ismahane Zeddigha</i>	

Enhancing Visual Clustering Using Adaptive Moving Self-Organizing Maps (AMSOM).	189
<i>Gerasimos Spanakis and Gerhard Weiss</i>	
Discrete Multi-agent Plan Recognition: Recognizing Teams, Goals, and Plans from Action Sequences	212
<i>Chris Argenta and Jon Doyle</i>	
Keeping Secrets in \mathcal{EL}^+ Knowledge Bases.	229
<i>Gopalakrishnan Krishnasamy Sivaprakasam and Giora Slutzki</i>	
An Automatic Approach for Generation of Fuzzy Membership Functions. . . .	247
<i>Hossein Pazhoumand-Dar, Chiou Peng Lam, and Martin Masek</i>	
Facilitating Multi-agent Coalition Formation in Self-interested Environments.	265
<i>Ted Scully and Michael G. Madden</i>	
Modeling the Directionality of Attention During Spatial Language Comprehension	283
<i>Thomas Kluth, Michele Burigo, and Pia Knoeferle</i>	
Detecting Hidden Objects Using Efficient Spatio-Temporal Knowledge Representation	302
<i>Joanna Isabelle Olszewska</i>	
Author Index	315

Agents and Artificial Intelligence

8th International Conference, ICAART 2016, Rome, Italy,

February 24-26, 2016, Revised Selected Papers

van den Herik, J.; Filipe, J. (Eds.)

2017, XVI, 315 p. 114 illus., Softcover

ISBN: 978-3-319-53353-7