Modern Approaches in Fuzzy Sets, Intuitionistic Fuzzy Sets, Generalized Nets and Related Topics Volume II: Applications

Editors

Krassimir T. Atanassov Władysław Homenda Olgierd Hryniewicz Janusz Kacprzyk Maciej Krawczak Zbigniew Nahorski Eulalia Szmidt Sławomir Zadrożny



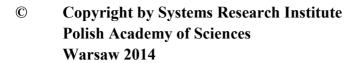
Systems Research Institute Polish Academy of Sciences

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Contents

Foreword	<i>V</i>
Generalized net model of decision support system of wildland fire estimation. the case of Harmanli fire (Bulgaria) 2009	1
Cognitive mapping approach to forest fires management	15
Estimation of the partial order on the basis of pair-wise comparisons in binary and multivalent formL. Klukowski	29
Computer-based support in multicriteria bargaining with use of the generalized Nash solution conceptL. Kruś	43
Generalized net model of slow learning algorithm of unsupervised ART2 neural network	61
Generalized net model of the upper limb withdrawal reflex	71
Generalized net model of internal structural unit functionality, focused on SME financing	83
Assessment finance approach from the glance of a generalized net model, implemented in a structural unit of a financial institution	93
Generalized net model of the integrated system for early forest-fire detection	103

Modeling the process of the color recognition with MLP using symbol visualization	115
S. Surchev, S. Sotirov	
A cohesion measure for expert preferences in group	
decision-making	125
A. Tapia –Rosero, G. De Tré	
Possible application of new intuitionistic fuzzy set distance to	
game method for modelling of forest fire spread	143
Dealing with uncertainty in ovarian tumor diagnosis	151
A. Wójtowicz, P. Żywica, K. Szarzyński,	
R. Moszyński, S. Szubert, K. Dyczkowski,	
A. Stachowiak, D. Szpurek, M. Wygralak	

The papers presented in this Volume 2 constitute a collection of contributions, both of a foundational and applied type, by both well-known experts and young researchers in various fields of broadly perceived intelligent systems.

It may be viewed as a result of fruitful discussions held during the Twelfth International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets (IWIFSGN-2013) organized in Warsaw on October 11, 2013 by the Systems Research Institute, Polish Academy of Sciences, in Warsaw, Poland, Institute of Biophysics and Biomedical Engineering, Bulgarian Academy of Sciences in Sofia, Bulgaria, and WIT - Warsaw School of Information Technology in Warsaw, Poland, and co-organized by: the Matej Bel University, Banska Bystrica, Slovakia, Universidad Publica de Navarra, Pamplona, Spain, Universidade de Tras-Os-Montes e Alto Douro, Vila Real, Portugal, Prof. Asen Zlatarov University, Burgas, Bulgaria, and the University of Westminster, Harrow, UK:

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The consecutive International Workshops on Intuitionistic Fuzzy Sets and Generalized Nets (IWIFSGNs) have been meant to provide a forum for the presentation of new results and for scientific discussion on new developments in foundations and applications of intuitionistic fuzzy sets and generalized nets pioneered by Professor Krassimir T. Atanassov. Other topics related to broadly perceived representation and processing of uncertain and imprecise information and intelligent systems have also been included. The Twelfth International Workshop on Intuitionistic Fuzzy Sets and Generalized Nets (IWIFSGN-2013) is a continuation of this undertaking, and provides many new ideas and results in the areas concerned.

We hope that a collection of main contributions presented at the Workshop, completed with many papers by leading experts who have not been able to participate, will provide a source of much needed information on recent trends in the topics considered.

