

Contents

<i>Foreword</i>	IX
<i>On a new approach towards defining intuitionistic fuzzy subtractions.....</i>	1
K. Atanassov	
<i>A new intuitionistic fuzzy implication. Part 2.....</i>	35
L. Atanassova	
<i>Fuzzy logical connectives in approximate reasoning. Dual operations.....</i>	41
J. Drewniak	
<i>Decision making problem on intuitionistic fuzzy relations.....</i>	61
P. Drygaś and B. Pękala	
<i>Transformations of intuitionistic fuzzy relations</i>	71
U. Dudziak	
<i>Conditional probability on the family of IF-events with product.....</i>	93
R. Hanesová	
<i>Computation of the measures of dependence for imprecise data.....</i>	99
O. Hryniewicz and K. Opara	
<i>Systems of intuitionistic fuzzy equations.....</i>	113
Z. Matusiewicz	
<i>Feature selection based on the AIC helpfulness criterion.....</i>	129
M. Ostrycharz and P. Grzegorzewski	
<i>A note on bijective correspondence between intuitionistic fuzzy sets and intuitionistic fuzzy sets of p-th type.....</i>	143
P. Rangasamy, P. Vassilev and K. Atanassov	
<i>On a story inspired by IF-sets</i>	149
B. Riečan	

<i>A convergence theorem on effect algebras</i>	157
B. Riečan and L. Lašová	
<i>Generalized net of a genetic algorithm with intuitionistic fuzzy selection operator</i>	167
O. Roeva, T. Pencheva and K. Atanassov	
<i>Generalized net model for parallel optimization of multilayer perceptron with conjugate gradient backpropagation algorithm</i>	179
S. Sotirov and M. Krawczak	
<i>A method of construction of intuitionistic fuzzy tolerances based on a similarity measure between intuitionistic fuzzy sets</i>	191
D. A. Viattchenin	