

INDEX

Preface	3
Agbeko, N.K.: Optimal average	5
Árva, P. and Németh, S.: Learning algorithm in fuzzy control	11
Benczúr, A.: An attempt to the algorithmic definition of fuzziness	19
Chanas, S. and Kuchta, D.: A new approach to rough sets and their relation to fuzzy sets	35
Csukás, B. Árva, P. and Németh, S.: Fuzzy information and possibilistic uncertainty in chemical engineering	41
Csukás, B. and Lakner, R.: Evolutionary structures and multicriteria learning languages - the RPROLOG concept	49
Czyżak, P. and Ślowiński, R.: Fuzzy MOLP method with graphical display of fuzziness	59
Dombi, J. and Porkoláb, Z.: Measure of fuzziness	69
Filep, L.: Study of L-fuzzy similarities	79
Fodor, J.C.: Aggregation of preferences – an axiomatic approach with applications	85
Fodor, J.C. and Roubens, M.: Fuzzy preference modelling: an overview	93
Fonck, P. and Straszecka, E.: Building influence networks in the framework of possibility theory	101
Fullér, R.: On the generalized method-of-case inference rule	107
Hellendoorn, H.: Fuzzy numbers and approximate reasoning	113
József, S.: Possibilistic fuzzy linear regression	121
Keresztfalvi, T.: t-norm-based operations on fuzzy sets	127
Kiss, A.: λ -decomposition of fuzzy relational databases	133
Klement, E.P.: Fuzzy random variables	143
Kóczy, L.T.: Computational complexity of various fuzzy inference algorithms	151
Kovács, M.: Linear programming with centered fuzzy numbers	159
Mashinchi, M. and Zahedi, M.: On the product of T-fuzzy subgroups	167
Mattila, J.K.: Sound system of <i>LPC+Ch</i> , the logic of modifiers	173

Niskanen, V.A.: A brief exegesis of some basic terms used in the theory of fuzzy systems	181
Novák, V.: The unifying role of fuzzy logic in fuzzy set theory	187
Orłowski, S.A.: On properties of objects and fuzzy sets	195
Peeva, K.: Fuzzy linear systems	201
Riečan, B.: On a fuzzy set of sets of small measure	209
Rommelfanger, H.J.: Stochastic programming with vague data	213
Sosnowski, Z.A.: A prototype fuzzy expert system shell	223
Stipaničev, D.: Arithmetic with qualitative values and fuzzy set theory	231
Turunen, E.: On fuzzy intuitionistic logic	241
Wan, H.: Algebraic properties of interval algebras	249
Index	255