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### **Fuzzy Structures – Current Trends**

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The referred volume was published in connection with the 7th World Congress of International Fuzzy Systems Association held in Prague in June 1997. The Congress was introduced by representatively staffed tutorials in which students and young researchers had the possibility to follow introductory lectures to particular topics related to fuzzy set theory. The volume summarizes 8 of them, namely: *Fuzzy measures and integrals for decision making and pattern recognition* (M. Grabisch), *Deductive systems of fuzzy logic* (P. Hájek), *Industrial applications of fuzzy control* (H. Hellendoorn), *Genetic fuzzy systems* (P. Herrera and L. Magdalena), *Fuzzy linear programming: What, Why and How?* (M. Inuiguchi), *Triangular norms* (E. P. Klement and R. Mesiar), *Data mining and knowledge discovery: A fuzzy set perspective* (W. Pedrycz), *Fuzzy portfolio selection and its application to decision making* (J. Watada).

All of these lectures offer compact and highly qualified introduction to the relevant subject, and they are prepared on the modern level stressing actual approaches to the topics. They can be recommended to anybody who already has elementary knowledge of the fuzzy set theory and wishes to find a brief but compact introduction to some of its branches and related concepts.

Limited number of copies is still available with the main organizing institutions (Mathematical Institute of the Slovak Academy of Sciences, Bratislava; Faculty of Civil Engineering of Slovak Technical University, Bratislava; University of Economics, Prague).

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