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Four volumes of the referred Proceedings summarize invited lectures and contributed communications of the 7th World Congress of IFSA, held in Prague in June 25–29, 1997. Particular contributions are organized into 69 sections reflecting the structure of the Congress program. They are completed by a section of invited lectures and concluded by additional sections of late delivered papers. The sections are grouped into 15 specialized chapters focused to particular topics covering practically all branches of fuzzy set theory and its applications, namely the following topics are covered by the content of the proceedings: Fuzzy Set Theory, Fuzzy Relations and Functions, Fuzzy Logic and Approximate Reasoning, Learning and Linguistic Aspects, Fuzzy Measures and Integrals, Fuzzy Topology and Analysis, Fuzzy Numbers and Computing, Fuzzy Systems and Models, Genetic Fuzzy Systems and Algorithms, Neural Networks, Fuzzy Decision–Making and Mathematical Programming, Fuzzy Optimization Procedures, Fuzzy Control, Fuzzy Data Processing, Applications, Related Topics.

The scientific level of the Congress was highly appreciated by participants. The proceedings volumes reflect this quality. They offer a representative survey of up to date results achieved in practically all fields related to the concept of fuzziness, reaching from general abstract theory to actual practical applications in various fields of human activity. It makes them attractive for readers actively interested in the referred topics.

A limited number of copies of the referred Proceedings is still disposable with the organizing institutions (University of Economics, Prague; Institute of Information Theory and Automation, Academy of Sci., Prague; Faculty of Civil Engineering, Slovak Technical University, Bratislava; Faculty of Natural Sciences, University of Ostrava, Ostrava).

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