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Nota di contenuto	-- Fuzzy Relations and Applications. -- Functors from fuzzy structures categories into category of fuzzy topological spaces with continuous fuzzy relations. -- On the existence of non-trivial Monometrics on Betweenness Relations: Some Sufficient Conditions. -- A Few Notes to the Fuzzy Best-Worst Method. -- Chatbots with Character - An implementation of Fuzzy Conversational Character Computing. -- Generating Modular Relaxed Pseudo-metrics by Aggregation. -- Incomplete Preference Relation Analysis for MgGDM System. -- On Metric Aggregation Functions and Fuzzy Decision-Making. -- On Modular Fuzzy Equivalences, Aggregation and Modular Pseudo-Metrics. -- On the impossibility of universally transforming similarity metrics into partial metric. -- Fuzzy transforms. -- A Natural Extension of F-Transform to Triangular and Triangulated Domains Necessitates the Use of Triangular Membership Functions. -- Locally modified multivariate F^m -transform: theoretical background and possible applications. -- Generalized Quantifiers, Logical Syllogisms and

Applications. -- Using Intermediate Quantifiers to Reduce the Number of Linguistic Rules for Diagnosing Mood Disorders from Incomplete Data. -- Verification of Validity of Generalized Logical Syllogisms Applying the Contraposition. -- Verification of Validity of Logical Syllogisms Generated by Cube of Opposition using Extended Peterson's Rules. -- Fuzzy Entropy. -- A study of the fuzzy differential entropy. -- Towards Probabilistic Entropies for Interval Valued Fuzzy Sets. -- Fuzzy Metric Spaces and Their Generalizations. -- Fuzzy equivalence based metrizable space. -- On fuzzy metrics constructed from metrics and their topology. -- Some Metric-like Structures and α -Based Semi (Pseudo) Metric-like. -- Information Fusion Techniques. -- Idempotence and internality of aggregations of random variables. -- Input importance in aggregation theory by means of dependence stochastic orders. -- Insights into the q exponent in PM with Choquet-integrals for Classification. -- Measuring representativeness through coverage degrees and indexes. -- Understanding data properties in the Mallows model: impact of voter count variability. -- Mathematical Fuzzy logic. -- Foulis quantales and complete orthomodular lattices. -- On some properties of tabular varieties of MTL-algebras and their decidability. -- On the non-falsity and threshold preserving variants of MTL logics. -- Quantitative Lockean Thesis and its Logical Representation.

Sommario/riassunto

This two-volume set LNCS 15883-15884 constitutes the proceedings of the 14th Conference of the European Society for Fuzzy Logic and Technology, EUSFLAT 2025, held in Riga, Latvia, during July 21–25, 2025. The 45 full papers and 8 short papers presented in this book were carefully reviewed and selected from 60 submissions. The papers are divided into special sessions on: fuzzy relations and applications; fuzzy transforms; generalized quantifiers, logical syllogisms and applications; fuzzy entropy; fuzzy metric spaces and their generalizations; information fusion techniques; mathematical fuzzy logic; modeling complex dynamics: adapting analytical tools for diverse scenarios; new contexts in aggregation theory; representing and managing uncertainty; soft methods in statistical inference and data analysis; type 2 fuzzy sets; and advancements and applications of fuzzy theory.
