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Nota di contenuto	-- Modeling Complex Dynamics: Adapting Analytical Tools for Diverse Scenarios. -- Adaptive Fuzzy Level Set Algorithm for Bitcoin Realized Volatility Modeling and Forecasting. -- Unconstrained Parametrization of Proper Symplectic Decomposition for Learning Hamiltonian Dynamics. -- New Contexts in Aggregation Theory. -- Prioritized preference aggregation for non-uniform groups of agents. -- An axiomatic study of the properties satisfied by methods for ranking the elements of a poset. -- Goodness-of-fit tests to location-scale families based on OWA functions. -- Multidimensional aggregation and measurement of social poverty. -- Ontology Aggregation with Maximum Consensus Based on a Fuzzy Multi-Criteria Group Decision Making Method. -- Representing and Managing Uncertainty. -- How to Deal with High-Impact Low-Probability Events: Theoretical Explanation of the Empirically Successful Fuzzy-Like Technique. -- Some results on fuzzy basis of fuzzy Lie algebras. -- Visual comparison of inclusion measures. -- Implication construction

methods on bounded lattices. -- Idea Management and Game Theory with Uncertain Payoffs. -- On direct systems of implications with graded attributes. -- Robust decisions: bridging the quantitative-qualitative gap. -- Soft Methods in Statistical Inference and Data Analysis. -- A soft clustering method derived from the probabilistic interpretation of Fuzzy C-Means. -- Alpha-Maxmin Classification with an Ensemble of Structural Restricted Boltzmann Machines. -- FLIRT-An Algorithm to Enhance a Regression Model with Federated Learning and GAN-Based Resampling. -- Modeling Treatment Effect with Fuzzy Data. -- Resampling Approaches for Multivariate Random Interval Numbers. -- Type 2 Fuzzy Sets. -- A Decision-Making Framework based on Intersection and Similarity measures for Type-2 Fuzzy Sets. -- About T-norms and T-conorms on new Preorders in Type-2 Fuzzy Sets. -- Advancements and Applications of Fuzzy Theory. -- Enhanced Anti-Money Laundering Transaction Monitoring via Fuzzy Equivalence in Rule-Based Systems. -- An Enhanced Multi Criteria Decision Making Model for Delivery Locker Placement Using TOPSIS and Einstein Operators in a Pythagorean Fuzzy Framework. -- How to Share a Success, How to Share a Crisis, and How All This Is Related to Fuzzy. -- Prostate cancer diagnosis: a geometric approach based on the Beer index.

| 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. |