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Nota di contenuto	-- Three way Data Analytics and Decision. -- 3WOS: Finding the Pillars of Strength in Three way Oversampling with Density Clustering for Imbalanced Data Synthesis. -- Three way Conflict Analysis Based on Fuzzy Preference Conflict Situation. -- Granular ball SVM Based on Three way Decision. -- A Decision theoretic Formulation of Three way Conflict Analysis. -- Three way Conflict Analysis with Nonlinear Conflict Functions in Fuzzy Situation Tables. -- Three way Approximate Representation of Rough Fuzzy Multi granularity Knowledge Spaces Via Information Measure. -- Three Way Strategy Design for Conflict Analysis. -- Three way Conflict Analysis: Issue Reduction of Incomplete Three valued Situation Tables. -- New Models of Three way Conflict Analysis Based on Five Level Preferences. -- Three way Causal Structure Representation and Learning for Uncertainty. -- A Sequential Three way Decision Model Based on Uncertainty Measurement. -- Granular Ball Three way Decision for Robust Text Classification. -- Medicine and Health Data Mining. --

Interpretable Disease Progression Path for Next Admission Diagnosis Event Prediction in Healthcare Data via Hybrid Rule Transformer Network. -- ConformalRefiner: Retinal Vessel Topology Reconstruction via Conformal Risk Control. -- Multi view Fusion Enhanced Social Text Representation for Depression Detection. -- An Interpretable Framework for Pulmonary Nodule Malignancy Prediction. -- CMIF: A Cross Modal Information Fusion Approach for Molecular Property Prediction. -- Adversarial Transfer Learning for Predicting Drug Sensitivity in Single Cell Data. -- Pneumonia Detection in Chest X ray Images with Deep Learning. -- Attention Driven with Gaussian Processes for Weakly Supervised Hemorrhage Detection in Brain CT Scans. -- Applications of Deep Learning and Soft Computing. -- A User Oriented Perspective on Soft Clustering: Explainability and Uncertainty Quantification. -- Generative Negative Sample Enhancement Based Few shot Named Entity Recognition. -- Auxiliary Attributes guided Face Age Estimation. -- Steering Angle Prediction Based on Travelable Regions and Bio inspired Neural Circuit Policy. -- Multi exposure Correction via Feature Transfer and Calibration. -- Collaborative Optimization of Truck Drone Based on Multi Agent Reinforcement Learning. -- Two stage Multi modal Multi objective Algorithm Based on Dynamic Niche Updating. -- Predicting Medium Term Trends of Stock Market Indexes with Deep Learning. -- GA CtabDiff: Graph Augmented Diffusion Model for Mixed Type Tabular Data Generation. -- Affinity Based Semantic Collaborative Hashing for Image Retrieval. -- Graph Neural Networks with Direct Reach to Labeled Nodes. -- Recognizing Plastic Bottles on Water Surface Based on Flipping Transformation. -- A Multi level Tree Mapping for Hyper parameter Assigning in Network Representation Learning.

Sommario/riassunto

This three-volume set LNAI 15708-15709-15110 constitutes the proceedings of the International Joint Conference on Rough Sets, IJCRS 2025, held in Chongqing, China, during May 11–13, 2025. The 90 full papers included in these volumes were carefully reviewed and selected from 187 submissions. They are organized in topical sections as follows: Part I: Rough Set Models and Foundations; Fuzzy Rough Sets and Rough Fuzzy Sets; and Granular Computing. Part II: Rough Set Applications; Feature Selection and Knowledge Discovery; and Cognitive Computing. Part III: Three-way Data Analytics and Decision; Medicine and Health Data Mining; and Applications of Deep Learning and Soft Computing.