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Soggetti	Artificial intelligence Computer networks Database management Data mining Information storage and retrieval systems Application software Artificial Intelligence Computer Communication Networks Database Management Data Mining and Knowledge Discovery Information Storage and Retrieval Computer and Information Systems Applications
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Nota di contenuto	Case-Based Reasoning and Machine Comprehension -- On the improvement of the reasoning cycle in case-based reasoning -- Exploring incompleteness in Case-Based Reasoning: a strategy for overcoming challenge -- Leveraging both Successes and Failures in Case-Based Reasoning for Optimal Solutions -- Transfer Learning for Abnormal Behaviors Identification in Examination Room from Surveillance Videos: A Case Study in Vietnam -- A Novel Question-Context Interaction Method for Machine Reading Comprehension -- Granular Computing to Forecast Alzheimer’s Disease Distinctive

Individual Development -- Computer Vision -- AdVLO: Region selection via Attention-driven for Visual LiDAR Odometry -- Intelligent Retrieval System on Legal Information -- VSNet: Vehicle State Classification for Drone Image with Mosaic Augmentation and Soft-label Assignment -- Creating High-Resolution Adversarial Images against Convolutional Neural Networks with the Noise Blowing-Up Method -- Faster Imputation Using Singular Value Decomposition for Sparse Data -- Combination of deep learning and ambiguity rejection for improving image-based disease diagnosis -- Data Mining and Machine Learning -- Towards Developing an Automated Chatbot for Predicting Legal Case Outcomes: A Deep Learning Approach -- Fuzzy-Based Factor Evaluation System for Momentum Overweight Trading Strategy -- Enhancing Abnormal-Behavior-based Stock Trend Prediction Algorithm with Cost-sensitive Learning Using Genetic Algorithms -- Leveraging Natural Language Processing in Persuasive Marketing -- Direction of the Difference between Bayesian Model Averaging and the Best-Fit Model on Scarce-Data Low-Correlation Churn Prediction -- Tree-based Unified Temporal Erasable-itemset Mining -- Design Recovery of Data Model Hidden in JSON File -- Accurate lightweight calibration methods for mobile low-cost particulate matter sensors -- Generating music for video games with real-time adaptation to gameplay pace -- Detecting Sensitive Data with GANs and Fully Convolutional Networks -- An Unsupervised Deep Learning Framework for Anomaly Detection -- Extracting top-k high utility patterns from multi-level transaction databases -- Lightweight and Efficient Privacy-Preserving Multimodal Representation Inference via Fully Homomorphic Encryption -- Neural Machine Translation with Diversity-enabled Translation Memory -- GIFT4Rec: An effective side Information Fusion Technique apply to Graph neural network for cold-start recommendation -- A Decision Support System for Improving Lung Cancer Prediction based on ANN -- Emotion detection from text in social networks -- Finite Libby-Novick Beta Mixture Model: An MML-Based Approach -- Artificial Intelligences on Automated Context-Brain Recognition with Mobile Detection Devices -- A Novel Meta-Heuristic Search Based on Mutual Information for Filter-Based Feature Selection -- Discovering prevalent co-location patterns without collecting co-location instances -- Integrating Geospatial Tools for Air Pollution Prediction: A Synthetic City Generator Framework for Efficient Modeling and Visualization -- Design of an Automated CNN Composition Scheme with Lightweight Depth-Correlated Convolution for Space-Limited Applications.

Sommario/riassunto

This two-volume set LNAI 13995 and LNAI 13996 constitutes the refereed proceedings of the 15th Asian Conference on Intelligent Information and Database Systems, ACIIDS 2023, held in Phuket, Thailand, during July 24–26, 2023. The 65 full papers presented in these proceedings were carefully reviewed and selected from 224 submissions. The papers of the 2 volume-set are organized in the following topical sections: Case-Based Reasoning and Machine Comprehension; Computer Vision; Data Mining and Machine Learning; Knowledge Integration and Analysis; Speech and Text Processing; and Resource Management and Optimization.