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Disciplina	006.312
Soggetti	Data mining Machine learning Software engineering Education - Data processing Computer vision Data Mining and Knowledge Discovery Machine Learning Software Engineering Computers and Education Computer Vision
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Main Track: Optimization of Image Acquisition for Earth Observation Satellites via Quantum Computing -- Complexity-driven sampling for Bagging -- A pseudo-label guided hybrid approach for unsupervised domain adaptation -- Combining of Markov Random Field and Convolutional Neural Networks for Hyper/Multispectral Image Classification -- Plant Disease Detection and Classification using a

Deep learning-based framework -- Evaluating Text Classification in the Legal Domain Using BERT Embeddings -- Rapid and Low-Cost Evaluation of Multi-Fidelity Scheduling Algorithms for Hyperparameter Optimization -- The Applicability of Federated Learning to Official Statistics -- Generating Wildfire Heat Maps with Twitter and BERT -- An urban simulator integrated with a genetic algorithm for efficient traffic light coordination -- GPU-Based Acceleration of the Rao Optimization Algorithms: Application to the Solution of Large Systems of Nonlinear Equations -- Direct determination of Operational Value-at-Risk using Descriptive Statistics -- Using Deep Learning models to Predict the Electrical Conductivity of the influent in a Wastewater Treatment Plant. -Unsupervised Defect Detection for Infrastructure Inspection -- Generating Adversarial Examples using LAD -- Emotion extraction from Likert-Scale questionnaires -- an additional dimension to Psychology Instruments -- Recent applications of pre-aggregation functions -- A Probabilistic Approach: Querying Web Resources In The Presence Of Uncertainty -- Domain Adaptation in Transformer models: Question Answering of Dutch Government Policies -- Sustainable On-Street Parking Mapping with Deep Learning and Airborne Imagery -- Hebbian Learning-Guided Random Walks for Enhanced Community Detection in Correlation-Based Brain Networks -- Hebbian Learning-Guided Random Walks for Enhanced Community Detection in Correlation-Based Brain Networks -- Language Models for Automatic Distribution of Review Notes in Movie Production -- Extracting Knowledge from Incompletely Known Models -- Threshold-based Classification to Enhance Confidence in Open Set of Legal Texts -- Comparing ranking learning algorithms for information retrieval systems -- Analyzing the influence of market event correction for forecasting stock prices using Recurrent Neural Networks -- Measuring the relationship between the use of typical Manosphere discourse and the engagement of a user with the pick-up artist community -- Uniform Design of Experiments for Equality Constraints -- Globular Cluster Detection in M33 Using Multiple Views Representation Learning -- Segmentation of Brachial Plexus Ultrasound Images Based on Modified SegNet Model -- Unsupervised Online Event Ranking for IT Operations -- A Subgraph Embedded GIN with Attention for Graph Classification -- A Machine Learning Approach to Predict Cyclists' Functional Threshold Power -- Combining Regular Expressions and Supervised Algorithms for Clinical Text Classification -- MODELING THE INK TUNING PROCESS USING MACHINE LEARNING -- Depth and Width Adaption of DNN for Data Stream Classification with Concept Drifts\* -- FETCH: A Memory-Efficient Replay Approach for Continual Learning in Image Classification -- Enhanced SVM-SMOTE with Cluster Consistency for Imbalanced Data Classification -- Preliminary Study on Unexploded Ordnance Classification in Underwater Environment Based on the Raw Magnetometry Data. -- Efficient Model For Probabilistic Web resources under uncertainty -- Unlocking the Black Box: Towards Interactive Explainable Automated Machine Learning -- Machine Learning for Time Series Forecasting Using State Space Models -- Causal graph discovery for explainable insights on marine biotoxin shellfish contamination -- Special Session on Federated Learning and (pre) Aggregation in Machine Learning: Adaptive fuzzy measure for edge detection -- Special Session on Intelligent Techniques for Real-world Applications of Renewable Energy and Green Transport: Prediction and Uncertainty Estimation in Power Curves of Wind Turbines Using -SVR -- Glide Ratio Optimization for Wind Turbine Airfoils based on Genetic Algorithms -- Special Session on Data Selection in Machine Learning: Detecting Image Forgery Using Support Vector Machine and Texture

Features -- Instance selection techniques for large volumes of data.

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Sommario/riassunto

This book constitutes the proceedings of the 24th International Conference on Intelligent Data Engineering and Automated Learning, IDEAL 2023, held in Évora, Portugal, during November 22–24, 2023. The 45 full papers and 4 short papers presented in this book were carefully reviewed and selected from 77 submissions. IDEAL 2023 is focusing on big data challenges, machine learning, deep learning, data mining, information retrieval and management, bio-/neuro-informatics, bio-inspired models, agents and hybrid intelligent systems, and real-world applications of intelligence techniques and AI. The papers are organized in the following topical sections: main track; special session on federated learning and (pre) aggregation in machine learning; special session on intelligent techniques for real-world applications of renewable energy and green transport; and special session on data selection in machine learning.

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