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Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2451
Disciplina	006.3
Soggetti	Artificial intelligence Data protection Application software Computer networks Machine learning Artificial Intelligence Data and Information Security Computer and Information Systems Applications Computer Communication Networks Machine Learning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Artificial Intelligence in Real-World Applications. -- An Adaptive Power Control Method for Power Communication Networks based on Quantum Security. -- From Machine Intelligence to Machine Ethics: An Analysis of the Practical Path of Artificial Morality. -- The Frequency Bounds for Travelling Salesman Problem Based on Frequency Quadrilaterals. -- Speech Recognition Method Based on Improved Transformer. -- A Two-Stage Approach to Multi-Feature Acoustic Scene Classification. -- Star Extraction Based on Multi-Scale Grey Morphology in Stray Light Backgrounds. -- Lightweight One-stage Ship Detection based on SAR Images for Embedded Platform. -- Multi-modal False Information Identification using BERT and ResNe. -- Arithmetic Awareness based Distributed Routing Mechanism for Power

Dispatch Networks. -- A Dual-Mode Integrated Communication Method for Power Line Carrier and Wireless in Distribution Systems. -- High-Performance Database Storage Technology for Power Smart Terminals. -- Quantum Key Distribution Strategy for Power Quantum Communication Networks Based on Trusted Relay Nodes. -- Research on Network Traffic Anomaly Detection Method Integrating Graph Topology Optimization and Random Restart Walk Algorithm. -- An Evaluation Method for Cutted Generated Video Based on Eigenvectors. -- Joint Optimization of Task Scheduling and Resource Allocation for Hierarchical Federated Learning. -- Smart Grid Planning Data Decision Scoring Model Based on Random Forest. -- Feature Importance on Axial Compressive Strength Prediction of Concrete-filled Steel Tubular Columns Using Random Forest Algorithm. -- AEDs Treatment and Cognition Analysis of BECTS Through EEG Features. -- Light Source Optimization Design of Intelligent Grading Equipment for Flue-cured Tobacco. -- Multidimensional Attention Convolution Plugin for Ship Radiated Noise Classification. -- Underwater Acoustic Target Detection Network Based on Comprehensive Feature Extraction. -- Research on a Temperature Prediction Model for Meteorological Data Integrating XGBoost and ML. -- A Review of Research Advances in Image Segmentation of Skin Lesions.

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#### Sommario/riassunto

This CCIS volume constitutes the refereed proceedings of Second International Artificial Intelligence Conference on Artificial Intelligence and Machine Learning, IAIC 2024, held in Jinyun, China, November 2024. The 38 full papers presented were carefully reviewed and selected from 100 submissions. They were organized in following topical sections as follows: Part I : Artificial Intelligence in Real-World Applications. Part II : Artificial Intelligence in Network and Security systems.

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