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Titolo	Neural Information Processing : 30th International Conference, ICONIP 2023, Changsha, China, November 20–23, 2023, Proceedings, Part IX / / edited by Biao Luo, Long Cheng, Zheng-Guang Wu, Hongyi Li, Chaojie Li
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ISBN	981-9981-38-7
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (589 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1963
Disciplina	006.3
Soggetti	Pattern recognition systems Computer science Data mining Data structures (Computer science) Information theory Automated Pattern Recognition Theory and Algorithms for Application Domains Data Mining and Knowledge Discovery Data Structures and Information Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Theory and Algorithms -- elf-Adaptive Inverse Soft-Q Learning for Imitation -- Membership Inference Attack against Medical Databases -- Application of ALMM Technology to Intelligent Control System for a Fleet of Unmanned Aerial Vehicles -- Bloomfilter-based Practical Kernelization Algorithm for Minimum Satisfiability -- TPTGAN: Two-Path Transformer-Based Generative Adversarial Network Using Joint Magnitude Masking and Complex Spectral Mapping for Speech Enhancement -- Sample Selection based on Uncertainty for Combating Label Noise -- Design of a Multimodal Short Video Classification Model -- DGNN: Dependency Graph Neural Network for Multimodal Emotion Recognition in Conversation -- Global Exponential Synchronization of Quaternion-Valued Neural Networks via Quantized Control --

Improving SLDS Performance using Explixit Duration Variables with Infinite Support -- Policy Representation Opponent Shaping via Contrastive Learning -- FHSI-GNN: Fusion Hierarchical Structure Information Graph Neural Network for Extractive Long Documents Summarization -- How to support sport management with decision systems? Swimming athletes assessment study case -- Differential Private (Random) Decision Tree without Adding Noise -- Cognitive Neurosciences -- Pushing the Boundaries of Chinese Painting Classification on Limited Datasets: Introducing a Novel Transformer Architecture with Enhanced Feature Extraction -- Topological Dynamics of Functional Neural Network Graphs During Reinforcement Learning -- Quantized SGD in Federated Learning: Communication, Optimization and Generalization -- Many Is Better than One: Multiple Covariation Learning for Latent Multiview Representation -- Explainable Sparse Associative Self-Optimizing Neural Networks for Classification -- Efficient Attention for Domain Generalization -- Adaptive Accelerated Gradient Algorithm for Training Fully Complex-Valued DendriticNeuron Model -- Interpreting Decision Process in Offline Reinforcement Learning for Interactive Recommendation Systems -- A Novel Framework for Forecasting Mental Stress Levels based on Physiological Signals -- Correlation-Distance Graph Learning for Treatment Response Prediction from rs-fMRI -- Measuring Cognitive Load: Leveraging fNIRS and Machine Learning for Classification of Workload Levels -- Enhanced Motor Imagery Based Brain-Computer Interface via Vibration Stimulation and Robotic Glove for Post-Stroke Rehabilitation -- MTSAN-MI: Multiscale Temporal-Spatial Convolutional Self-Attention Network for Motor Imagery Classification -- How do native and non-native listeners differ? Investigation with dominant frequency bands in auditory evoked potential -- A Stealth Security Hardening Method Based on SSD Firmware Function Extension -- Attention-Based Deep Convolutional Network for Speech Recognition under Multi-scene Noise Environment -- Discourse-Aware Causal Emotion Entailment -- DAformer: Transformer with Domain Adversarial Adaptation for EEG-based Emotion Recognition with Live-Oil Paintings -- Time-Frequency Transformer: A Novel Time Frequency Joint Learning Method for Speech Emotion Recognition -- Asymptotic spatio-temporal averaging of the power of EEG signals for schizophrenia diagnostics -- Human Centred Computing -- Non-Contact Respiratory Flow Extraction from Infrared Images Using Balanced Data Classification -- The Construction of DNA Coding Sets by An Intelligent Optimization Algorithm: TMOL-TSO -- Heterogeneous Graph Fusion with Adversarial Learning for Recommendation Service -- SSVEP Data Augmentation based on Filter Band Masking and Random Phase Erasing -- ONEI: Unveiling Route and Phase of Breathing from Snoring Sounds -- MVCAL: Multi View Clustering for Active Learning -- Extraction of One Time Point Dynamic Group Features via Tucker Decomposition of Multi-Subject FMRI Data: Application to Schizophrenia -- Modeling Both Collaborative and Temporal Information for Sequential Recommendation -- Multi-level Attention Network with Weather Suppression for All-weather Action Detection in UAV Rescue Scenarios -- Learning Dense UV Completion for 3D Human Mesh Recovery.

Sommario/riassunto

The nine-volume set constitutes the refereed proceedings of the 30th International Conference on Neural Information Processing, ICONIP 2023, held in Changsha, China, in November 2023. The 1274 papers presented in the proceedings set were carefully reviewed and selected from 652 submissions. The ICONIP conference aims to provide a leading international forum for researchers, scientists, and industry professionals who are working in neuroscience, neural networks, deep

learning, and related fields to share their new ideas, progress, and achievements.