

1. Record Nr.	UNINA9910920446203321
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Titolo	Computer Applications : 39th CCF National Conference of Computer Applications, CCF NCCA 2024, Harbin, China, July 15–18, 2024, Proceedings, Part II // edited by Chengtao Cai, Haipeng Yu, Lan Huang, Weipeng Jing, Xuebin Chen, Xianhua Song, Zeguang Lu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819796748 9819796741
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (361 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2275
Altri autori (Persone)	CaiChengtao HuangLan JingWeipeng ChenXuebin SongXianhua LuZeguang
Disciplina	006.3
Soggetti	Computational intelligence Application software Artificial intelligence Computer networks Computer systems Computational Intelligence Computer and Information Systems Applications Artificial Intelligence Computer Communication Networks Computer System Implementation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Pattern Recognition & Machine Learning -- YOLOv5s Multimode Sensing Based Pipe Network Detection and Inspection Method -- Automatic Analysis Framework for Campus Wireless Network Performance Based on Web Services and Supervised Learning Methods

-- Learning to Score Sign Language with Two Stage Method -- A  
Lightweight Dual Path Conformer Network for Speech Separation --  
SLPNet Student Learning Performance Prediction During the COVID19  
Pandemic Via a Deep Neural Network -- A Rapid Finger Vein  
Recognition Approach Based on UNet -- A Surface Defect Detection  
Method Based on Domain Correlation -- FDA UNet Frequency Domain  
Dual Attention Based on UNet for Stain Normalization -- A DQN Based  
Resource Adaptation Strategy for In Network Computing Based  
Holographic Type Communication -- Local Multiscale Aggregation with  
a Global Attention Super Resolution Network -- An Adaptive Capsule  
Network Based on 3D Convolution Based Attention -- A Comprehensive  
Attention Scoring Model for Collaborative Learning -- Network  
Communication and Security -- Analysis of the Influence of Multi Point  
Pumping on the Gain in an Optical Fiber Amplifier -- Exploring the  
Feasibility of Raspberry Pi 4 Model B Clusters as an Alternative to  
Advanced Process Chip Computers -- Internal Task Offloading  
Deployment Mechanism of In Network Computing Devices for  
Holographic Type Communication -- A Review of Research on Vehicle  
CAN Network Intrusion Detection via Artificial Intelligence -- IEN NFT A  
Naming Based Novel Semantic NFT Architecture with Intrinsic Binding  
and Flexible Interoperability -- Frontier and Comprehensive  
Applications -- From DPI Data to Warning Real Time Risk Assessment  
in the Fight Against Internet Fraud -- Information Propagation Model  
Based on 2 Dimensional Simplicial Complexes -- Quantitative  
Evaluation of the Whitening Effects of Facial Masks via EfficientNet and  
the Wavelet Transform -- Data Science and Technology -- FabricDG A  
Transaction Conflict Optimization Solution for the Consortium  
Blockchain -- Multivariate Time Series Forecasting of Integrated Energy  
Systems Based on Fast Fourier Transform Fully Connected Space Time  
Graph -- Automobile Parts Detection and Traceability Based on  
Blockchain and Federated Learning -- Research on Traceability  
Encryption of Auto Parts Based on Blockchain and IBE -- An Efficient  
Method for Encrypting and Protecting Electricity Usage Privacy Data.

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#### Sommario/riassunto

This two-volume set, CCIS 2274 and CCIS 2275, constitutes the refereed proceedings of the 39th National Conference on China Computer Federation, CCF NCCA 2024, held in Harbin, China, during July 15–18, 2024. The 48 full papers presented here were carefully reviewed and selected from 238 submissions. These papers are organized in the following topical sections: Part I: Artificial Intelligence and Applications; Data Science and Technology. Part II: Pattern Recognition & Machine Learning; Network Communication and Security; Frontier and Comprehensive Applications; Data Science and Technology.

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