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| 1. Record Nr. | UNINA9911016071303321 |
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| Titolo | Information Processing and Network Provisioning : Third International Conference, ICIPNP 2024 Spring, Beijing, China, June 14–16, 2024, Proceedings, Part III // edited by Michel Kadoch, Mohamed Cheriet, Xuesong Qiu |
| Pubbl/distr/stampa | Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025 |
| ISBN | 981-9664-62-4 |
| Edizione | [1st ed. 2025.] |
| Descrizione fisica | 1 online resource (559 pages) |
| Collana | Communications in Computer and Information Science, , 1865-0937 ; ; 2418 |
| Altri autori (Persone) | CherietMohamed QiuXuesong |
| Disciplina | 621.39 004.6 |
| Soggetti | Computer engineering Computer networks Cloud computing Signal processing Computer networks - Security measures Internet of things Computer Engineering and Networks Computer Communication Networks Cloud Computing Digital and Analog Signal Processing Mobile and Network Security Internet of Things |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | . Two-Dimensional Rotation Transformation for Anti-Interference and Anti-Doppler Expansion in UAV Communication. -- Privacy-Preserving Analysis of Blockchain Based Federated Learning Method in IIoT. -- PrIF: Point-related Implicit Function for Single View Clothed Human Reconstruction. -- Research on Vehicle Target Feature Information Fusion Evaluation Technology. -- Evfuzz: Directed Grey-box Fuzzing |

Based on Elastic Mutation. -- Research on the Cost Control Model of Modern Power Plants under the Digital Background. -- Joint RIS Beamforming and Bandwidth Allocation for Achieving Rate Fairness Based on PPO. -- Deep Reinforcement Learning-Based Task Offloading for 6G-Enabled Intelligent Vehicles. -- An Approach to Attention Neural Network-Based Multimodality in Digital Twin Grids. -- Research on the Application of 5G Non-terrestrial Network Integration Technology in Power Grid. -- Forecast of Labor Unit Price in the Construction Engineering Market Based on Big Data Learning by Fuzzy Neural Network. -- FTL-enabled Integrated Sensing and Communication: From Communication-efficient Perspective. -- The Application of Digitization in Modern Power Plant Measurement Work. -- Enhancing Quality of Service in Wireless Multimedia Communications: Current Trends and Future Directions. -- Integration Challenges for 5G and Beyond Wireless Communications. -- Massive MIMO in the 5G Era: Revolutionary Breakthroughs and Future Prospects for Wireless Networks. -- Image Recognition Task Migration Method Based on Improved Ant Colony Optimization. -- Edge Computing in Wireless Multimedia Communications: Empowering Low-Latency and High-Quality Services. -- Application of Ultra-Scale Antenna Technology in 6G Networks. -- Intelligent Full-Coverage Satellite Networking Architecture for 6G Network Services. -- Hierarchical Graph-powered MARL Approach for Task Offloading in Industrial IoT. -- Design and Research of High Precision Detection Instrument Based on GMR Magnetic Biosensor. -- Research on Intelligent Calculation of Process Pipeline Engineering Cost in Preliminary Design Stage of Construction Project. -- Research on Optimal Allocation Technology of High-Throughput Satellite Resource for Power Business. -- Deep Learning-Based compression for wireless Multimedia Data. -- Enhancing Microservice Security through Middleware Architecture: A Machine Learning Approach. -- Enhancing Efficiency and Reliability with 5G Digital Twin Technology in Power Substations. -- Robust, Unbiased, and K - means-based Client Contribution Evaluation. -- Physical Status and Sports Performance Analysis Based on SPSS Comparative Method. -- Terahertz Inter-Satellite Networks: Recent Advances and Future Perspectives. -- Dynamic Offloading Strategies in Internet of Vehicles to Address VEC Challenges. -- Research on the Application of Intelligent Technology in Engineering Cost Management. -- Network Abnormality Diagnosis Visualization for Computing and Network Convergence Environment. -- Latency Reduction Techniques in Real-Time Wireless Multimedia Transmission. -- Microservice-based Access Architecture for 6G Mobile Communication. -- A Network Stealth Method for Electric Information System Based on Moving Target Defense. -- Internet of Things and Wireless Multimedia Communications Synergies and Opportunities. -- Caching Strategy and Resource Allocation for Unmanned Aerial Vehicle Assisted Caching-Enabled Networks.

Sommario/riassunto

The four-volume set CCIS 2416, 2417, 2418 and 2419 constitutes the refereed post-conference proceedings of the Third International Conference on Information Processing and Network Provisioning, ICIPNP 2024 Spring, held in Beijing, China, during June 14–16, 2024. The 152 revised full papers presented in these proceedings were carefully reviewed and selected from 347 submissions. They focus on topics ranging from 5G/6G evolution and AI in network optimization to quantum communication and green computing.