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Nota di contenuto	-- ICIPNP 2024-Spring. -- Health Promotion and Management Ability Training Based on SPSS Cluster Analysis. -- Joint Communication and Positioning of UAV with Multiple Base Stations based on Communication Rate and Carrier Allocation Optimization. -- Optimization Method of Wireless Self-organized Network Based on MIMO Technique in Power Emergency Communication System. --

Privacy Protection Technologies in Location Services. -- Beidou-5G Hybrid Positioning and Correction Mechanism for Power Systems. -- Anti-jamming Transmission Technology of Integrated Satellite and Terrestrial Network Based on OTFS. -- An ISAC-Enabled Proactive Routing Protocol with Dual-Domain Identifiers for FANETs. -- Structural Information Configuration of Modern Power Plant Engineering Based on SysML. -- Development and Application of Large Contract Data Analysis System for Power Plant Engineering. -- Research on Three-Dimensional Digital Design of General Layout Based on BIM Technology. -- Dynamic Load Balancing with Agent-based Algorithm in Cloud Computing via OpenStack. -- Security Challenges in Wireless Multimedia Communications: A Current Overview. -- Cloud Service Pricing Model for New Energy Supply. -- Action Recognition of Table Tennis Based on Deep Spatio-Temporal Neural Network. -- Multimodal-based Sentiment Classification Method in Data Middle Platform. -- Study on the Construction of a Pre-Settlement Management Platform under the Background of Digital Transformation. -- Spectrum Sharing Techniques for Wireless Multimedia Services. -- LDPC Decoding Algorithm Based on D3QN Deep Reinforcement Learning. -- Aspect Term Extraction via the Fusion of Domain-specific and Implicit Aspect Information. -- Mitigation for On-board Small Station Systems in Railway Networks. -- Deep RL-Based Minimization of Computation Offloading Costs in Vehicle Edge Computing. -- Integrated Communication and Navigation based on Orthogonal Time Frequency Space. -- The Management of Mobile Elements based on Federal Learning and Knowledge Graph in Space-Air-Ground Integrated Network. -- Network Coding Techniques for Efficient Wireless Multimedia Delivery. -- Optimizing Remote Medical Services with AIoT: Integration of Large Language Models and 6G Edge Computing. -- Hybrid Satellite-Terrestrial Networks for Wireless Multimedia Communications: Seamless Connectivity and Global Coverage. -- Joint Planning of Task Placement and Routing for In-Network Computing Paradigm. -- Spectrum Sharing Revolution: How 5G Can Deliver Better Performance in the FDD Bands. -- Preliminary Study on Visual Data Model of Personnel Cost Regulation in Power Plant Decommissioning Project. -- Millimeter-Wave Communications for Wireless Multimedia: Overcoming Challenges and Unlocking Potential. -- Dynamic Predicting for Nonstationary Financial Signal Based on Variational Mode Decomposition and Variational Autoencoder. -- UAV-enabled Integrated Communication and Navigation: Challenges and Future Directions. -- UAV Deployment on Network Capacity for UAV-assisted Communications. -- Advancements in 5G Technologies for Enhanced Wireless Multimedia Communication. -- Innovative Strategies in Signal Processing for Enhanced Spatial Filtering. -- Financial Leasing Network Architecture: Providing On-Demand Privacy Preservation Services for Financial Leasing Applications. -- Multi-scale Filtering Wireless Signal Enhancement Method for Dense Transmission Lines. -- Construction and Evaluation of Unplanned Extubation Assessment and Clinical Decision Support Information System.

## 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.

