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Soggetti	Computer networks Data protection Computer networks - Security measures Application software Computer Communication Networks Data and Information Security Mobile and Network Security Computer and Information Systems Applications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	-- Robustness. -- Research and design of hidden trouble target reconfirmation and repeated hidden trouble target filtering technology in transmission line online monitoring. -- UCAT: User Centric Adaptive Transmission for Meeting Diverse Network Demands. -- A new rolling bearing work condition monitoring method based on Back Propagation network. -- Vectorized Colorization of Icon Line Art Based on Closed Contour Extraction. -- Adaptive Control Scheme for Clustering of Nodes Based on the Signs of Connections in Dynamical Signed Networks. -- Network Security and Privacy. -- Entrofuse: Clustered Federated Learning through Entropy Approach. -- M2F: Multi-Center Fairness-Aware Federated Learning Framework. -- Federated Learning Optimization Algorithm based on Dynamic Client Scale. -- Research on domain specific Chinese named Entity Recognition based on RTBC

algorithm. -- A multi-factor water quality prediction method based on wavelet transform and LSTM. -- Quality of Service (QoS) and Quality of Experience (QoE). -- Optimizing Computing Job Scheduling and Path Planning with Multi-Objectives. -- Research on Task Scheduling Algorithms for Cloud-Edge Collaboration. -- Stress Analysis of Welding Seam of Throttling Flowmeter Used in Power Plant Boiler. -- An Improved Model for Sap Flow Prediction based on Linear Trend Decomposition. -- Prediction of the Short-term PM2.5 Concentration Based on Informer. -- Monte Carlo Reinforcement Learning for Cooperative Spectrum Sensing in Decision Fusion. -- Artificial Intelligence and Machine Learning II. -- Research on Fine-Grained Classification of Small Sample Marine Organism Images. -- A Dual Attention-based Task Offloading Approach in Computing Power Networks for Object Detection. -- Dual-Branch Differentiated Similarity Network for Semi-Supervised Medical Image Segmentation. -- PIDNet: Prohibited Items Detection Network and Fine-Coarse Encoder Module. -- Multiple People Tracking Based on Improved SiameseFC Combined with Lightweight YOLO-V4. -- Research on Image Stitching for Parking Assistance System. -- Unsupervised Multi-Source Adaptive Pedestrian Re recognition: Based on Target Domain Prioritization and Multi-Dimensional Edge Features. -- Proactive Hybrid Autoscaling for Container-based Edge Applications in Kubernetes. -- Hybrid Platoon Control Based on Driving Characteristics. -- Solving Traveling Salesman Problem with Deep Reinforcement Learning and Knowledge Distillation. -- Wireless Parallel Reinforcement Learning An Actor-Critic Approach. -- Research on a High Efficiency Work Flow for Automated Mail Sending. -- Artificial neural network approach for estimating operating parameters for predictive maintenance of hydraulic circuit. -- Autonomous Vehicles. -- Efficient Joint Deployment of Multi-UAVs for Target Tracking. -- Joint User Scheduling and UAV Height Control for Smart Wearable Device Charging Network. -- Studies on Vehicle Object Detection and Tracking in UAV Aerial Data. -- Task Prediction based Computation Offloading over multi-UAV MEC network. -- TraMap: SLAM-Based Trajectory Generation and Optimization for Emergency Scenarios. -- Bandwidth Resource Allocation and Uplink Optimization in MEC system based on Multi-UAV Collaboration. -- Visible Light Two-way Communication Method for Vehicle-road Collaboration.

## Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 19th EAI International Conference on Quality, Reliability, Security and Robustness in Heterogeneous Networks, QShine 2023, held in October 2023. The 78 full papers included in these proceedings were carefully reviewed and selected from 200 submissions. They are organized in these topical sections: Part I: E-Health networks; transportation networks; reliability and scalability; E-Health networks II; artificial intelligence and machine learning I; networks and applications. Part II: Robustness; Network Security and Privacy; Quality of Service (QoS) and Quality of Experience (QoE); Artificial Intelligence and Machine Learning II; Autonomous Vehicles.