1. Record Nr.   UNINA9910447238703321

    Titolo   6GN for Future Wireless Networks : Third EAI International Conference, 6GN 2020, Tianjin, China, August 15-16, 2020, Proceedings / / edited by Xiaofei Wang, Victor C. M. Leung, Keqiu Li, Haijun Zhang, Xiping Hu, Qiang Liu

    Pubbl/distr/stampa   Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020

    ISBN   3-030-63941-X

    Edizione   [1st ed. 2020.]

    Descrizione fisica   1 online resource (XV, 552 p. 51 illus.)

    Collana   Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 337

    Disciplina   621.38456

    Soggetti   Computers, Special purpose
                          Computer science - Mathematics
                          Artificial intelligence
                          Coding theory
                          Information theory
                          Computer engineering
                          Computer networks
                          Special Purpose and Application-Based Systems
                          Mathematics of Computing
                          Artificial Intelligence
                          Coding and Information Theory
                          Computer Engineering and Networks

    Lingua di pubblicazione   Inglese

    Formato   Materiale a stampa

    Livello bibliografico Monografia

    Note generali   Includes index.

    Nota di contenuto   Network Scheduling and Optimization -- Collaborative Mobile Edge Caching Strategy Based on Deep Reinforcement Learning -- A Joint Scheduling Scheme for Relay-Involved D2D Communications with Imperfect CSI in Cellular Systems -- Hybrid Duplex Relay Selection in Cognitive Radio Network -- High-discrimination multi-sensor information decision algorithm based on distance vector -- MPR Selection Based on Link Transmission Quality and Mobile Similarity in OLSR for FANETs Intelligent Resource Management -- Deep

Reinforcement Learning-based joint task offloading and radio resource allocation for platoon-assisted vehicular edge computing -- Joint Power Allocation and Splitting Control in SWIPT-Aided Multi-Carrier NOMA System -- Decentralized Resource Sharing Platform for Mobile Edge Computing -- Research on D2D Resource Fair Allocation Algorithm in Graph Coloring -- Future Wireless Communications -- On Relay Selection for Relay-Assisted D2D Communications with Adaptive Modulation and Coding inCellular Systems -- An Outage Probability Based Channel Bonding Algorithm for 6G Network -- Adaptive Collaborative Computing In Edge Computing Environment -- Towards the Future Data Market: Reward Optimization in Mobile Data Subsidization -- Research on SDN Enabled by Machine Learning: An Overview -- Intelligent Applications -- Mining Raw Trajectories for Network Optimization from Operating Vehicles -- Group paging mechanism with pre-backoff for machinetype communication -- Research on Monitoring and Regularity of Coal Mine Methane Extraction State -- Improvement of Online Education Based on A3C Reinforcement Learning Edge Cache Wireless System and Platform -- An Intelligent Elevator System Based on Low Power Wireless Networks -- Construction of Smart Carbon Monitoring Platform for Small Cities in China Based on Internet of Things -- Research on Simulation Method of 5G Location Based on Channel Modeling -- Anti-interference UAV Powered Cooperative MEC Network for Intelligent Agriculture -- Network Performance Evaluation -- System-Level Performance Analysis in 3D Drone Mobile Networks -- Modulation Recognition with Alpha-Stable Noise over -- An improved Linear threshold model -- Performance Analysis for Caching in Multi-tier IoT Networks with Joint Transmission -- Fast estimation for the number of Clusters Cyber Security and Privacy -- Research on detection method of malicious node based on flood attack in VANET -- Two Attacking Strategies of Coordinated Cyber-Physical Attacks for Cascading Failure Analysis in Smart Grid -- Private Cloud in 6G Networks: A Study from the Total Cost of Ownership Perspective -- Research on Risk Transmission Process and Immune Strategy of Mine Electric Power Information Network -- Workshop on Intelligent Computing for Future Wireless Network and Its Applications (ICFWNIA) -- Design and Implementation a Smart Pillbox -- 33 Multi-function electric scooter assistant system for seniors -- On the Security Policy and Privacy Protection in Electronic Health Information System -- The Development of Smart Home Disaster Prevention System -- Using an Automatic Identification System (AIS) to Develop Wearable Safety Devices -- Using Water Monitoring to Analyze the Livability of White Shrimp -- Virtual Reality, Augmented Reality and Mixed Reality on the Marketing of Film and Television Creation Industry -- VR and AR Technology on Cultural Communication -- Workshop on Enabling Technologies for Private 5G/6G (ETP5/6G) -- Research on Time-Sensitive BBU Shaper for Supporting the Transmission of Smart Grid -- The 1st International Workshop on 5G/B5G/6G for Underground Coal Mine Safety and Communication (UCMSC) -- 3D Online Mine Ventilation Simulation System Based on GIS -- A virtual reality simulation system for coal safety based on cloud rendering and AI technology -- Research on coal mine gas safety evaluation based on D-S evidence theory data fusion -- Rockburst prediction of multi-dimensional cloud model based on improved hierarchical and critic -- Sports pose estimation based on LSTM and Attention. .

| Sommario/riassunto | This book constitutes the proceedings of the Third International Conference on 6G for Future Wireless Networks, 6GN 2020, held in Tianjin, China, in August 2020. The conference was held virtually due to the COVID-19 pandemic. The 45 full papers were selected from 109 |

submissions and present the state of the art and practical applications of 6G technologies. The papers are arranged thematically on network scheduling and optimization; wireless system and platform; intelligent applications; network performance evaluation; cyber security and privacy; technologies for private 5G/6G.