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Nota di contenuto	Artificial intelligent techniques for 6G Networks -- Dual-point side-fed circularly polarized microstrip antenna design -- A semi-supervised classification method for 6G remote sensing images based on Pseudo-label and false representation recognition -- Establishment of Soil Quantitative Detection Model Based on Sparrow Search Algorithm -- Soil Temperature and Humidity Detection System Based on Machine Learning and Computer Vision -- Extraction of soybean pod features based on computer vision -- Artificial Intelligence Cross-Domain Fusion Pattern Recognition Based on Intelligent Robot Algorithm -- Cross-Border Technology Integration in the Field of Artificial Intelligence Based on Neural Network Algorithm -- Research on ad hoc network routing protocol for UAV application -- Research on Emergency Communication Technology of UAV Based on D2D -- China

Mobile network architecture for 6G -- Mobile Edge Computing for 6G Networks -- 3D Battlefield Radiation Source Location Tracking Algorithm -- Server Selection and Resource Allocation for Energy Minimization in Satellite Edge Computing -- Comprehensive Interference Analysis for ZC-NOMA -- Soybean pods and stems segmentation based on an improved Watershed -- Design and implementation of garbage classification system based on convolutional neural network -- Study on the effect of total Se content of Chinese cabbage fermentation broth on its quality evaluation based on wireless environmental monitorin -- Development Road Map and Planning Mode of Artificial Intelligence Technology Under the Background of Internet Information -- Artificial Intelligence Technology in Computer Vision and Network Field -- Research on precise ideological and political education in colleges and universities based on the analysis of student group portraits -- Heterogeneous Edge Network of Agricultural and Forestry Plant Protection UAV Research on Computing Offload and Resource Management -- Unmanned Aerial Vehicle Communication for 6G Networks -- Research on Anycast Scheduling Algorithm in Edge Computing Networks -- Research on UAV Communication Technology Based on 6G network -- Synchronization technology for underwater acoustic mobile communication -- UAV path planning based on APF-Q-learning -- Simulation analysis of Inter-digital electrodes sensor based on HFSS -- 6G Network Security Technology Based on Artificial Intelligence -- Research on Key Technologies of agricultural and forestry plant protection UAV -- The Development Demand and Application Prospect of Intelligentization in the Logistics Industry for 6G Technology -- Challenges and Reflections on Vocational Education in 6G Era.

Sommario/riassunto	This 2-volume set constitutes the proceedings of the 5th International Conference on 6G for Future Wireless Networks, 6GN 2022, held in Harbin, China, in December 2022. The 60 full papers were selected from 194 submissions and present the state of the art and practical applications of 6G technologies. The papers are arranged thematically in tracks as follows: Resource Allocation for 6G Networks; Security and Privacy for 6G Networks; Big data mining and pattern analysis techniques for 6G Networks; Artificial intelligent techniques for 6G Networks; Mobile Edge Computing for 6G Networks; Unmanned Aerial Vehicle Communication for 6G Networks.