1.	Record Nr.	UNINA9910568297203321
	Titolo	6GN for Future Wireless Networks : 4th EAI International Conference, 6GN 2021, Huizhou, China, October 30–31, 2021, Proceedings / / edited by Shuo Shi, Ruofei Ma, Weidang Lu
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
	ISBN	3-031-04245-X
	Edizione	[1st ed. 2022.]
	Descrizione fisica	1 online resource (740 pages)
	Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 439
	Disciplina	621.382 621.38456
	Soggetti	Computer networks Coding theory Information theory Education - Data processing Computer Communication Networks Coding and Information Theory Computers and Education
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Advanced Communication and Networking Technologies for 5G/6G Networks.-Lagrange Relaxation Based Inter-satellite Links Scheduling for Satellite Networks.-Research on OLSR routing protocol for high-dynamic and low-density UAV -- Ad-hoc network.-Discussion on the Application of 5G Technologies in Data Link Network of UAV Formation. -Network Coding-based Capacity Optimization for Space Dynamic Network.-Design and Implementation of Real-time Video Transmission on Ad Hoc Network.-Using Generative Adversarial Networks for Network Intrusion Detection.-Perception-Connection Tradeoff for Radar Cooperative Sensing in Multi-Hop Vehicular Networks.-Unmanned Aerial Underwater Vehicle (UAUV) in the Ocean Sensor Network.-Difficulty-and-Beauty Network Evaluation with Interval Number Eigenvector Method.-Joint Power Control and Resource

Allocation Game Algorithm Based on Non-Cooperative D2D.-A Channel Estimation Scheme of Short Packets in Frequency Selective Channels.-Cross-Layer Joint Scheduling for D2D Communication in Cellular Systems.-Cross-Layer Joint Scheduling Scheme for Relay-Involved D2D Communications in Cellular Systems.-Power Allocation Algorithm based on Machine Learning for Device-to-Device Communication in Cellular Network.-Design and Application of A Desktop CNC Lathe Control System.-Video Stereo Grid Construction Method for Accurate Forest Fire Location.-Research on training pilots of agriculture and forestry protection drone by MR technology.-Resource Optimization of Power Line Communication Network Based on Monte Carlo Method.-Design and Research of Forest Farm Fire Drone Monitoring System Based on Deep Learning -- Design and Research of Forest Farm Fire Drone Monitoring System Based on Deep Learning -- Research on the construction of forestry protection drone project- take the construction of forest fire monitoring project of Huizhou Engineering Vocational College as an example -- Safety helmet wearing behavior detection under low visibility based on deep learning -- Advanced Signal Processing Technologies for 5G/6G Networks -- LSTM-based MACD Strategy Parameter Restructuring -- Subspace Clustering for Multi-Kernel LowRedundancy Representation Learning -- engineering project process and method that applied talents should master under intelligent manufacturing technology.

Sommario/riassunto	This book constitutes the proceedings of the 4th International Conference on 6G for Future Wireless Networks, 6GN 2021, held in Huizhou, China, in October 2021. The 63 full papers were selected from 136 submissions and present the state of the art and practical applications of 6G technologies. The papers are arranged thematically in tracks as follows: Advanced Communication and Networking Technologies for 5G/6G Networks; Advanced Signal Processing Technologies for 5G/6G Networks; and Educational Changes in The Age of 5G/6G.