1. Record Nr. UNINA9910842499603321

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Titolo	6GN for Future Wireless Networks [[electronic resource]] : 6th EAI International Conference, 6GN 2023, Shanghai, China, October 7-8, 2023, Proceedings, Part II / / edited by Jingchao Li, Bin Zhang, Yulong Ying
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-53404-2
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (293 pages)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 554
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Disciplina	004.6
Soggetti	Computer networks Artificial intelligence Image processing - Digital techniques Computer vision Signal processing Information storage and retrieval systems Machine learning Computer Communication Networks Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics Signal, Speech and Image Processing Information Storage and Retrieval Machine Learning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Image, Video, and Signal Processing -- Detection of Green Walnuts on Trees Using the Improved YOLOv7 Model -- Disease Recognition of Plants Leaves in Northern Shaanxi based on Siamese Networks -- Application of MED-TET to feature extraction of vibration signals -- A NOVEL PHASE CONGRUENCY-BASED IAMGE MATCHING METHOD FOR HETEROGENOUS IMAGES -- Design of Image Based Optical Flow

Tracking and Positioning System in Intelligent Assembly -- A Review of Image and Point Cloud Fusion in Autonomous Driving -- Deep learning in strawberry growth monitoring research: A review -- Image, Video, and Signal Processing & Software Engineering -- Stepwise Change and Refine Network for Human Pose Transfer -- Performance Analysis of Web Server side Reactive Programming -- Improved Sparrow Search Algorithm Optimized Neural Network Analysis Of Traic Congestion -- Industrial Noisy Speech Enhancement Using Joint Time-Frequency Loss Function Based on U-Net -- Multiple Color Feature and Contextual Attention Mechanism based on YOLOX -- Improved War Strategy Optimization Algorithm Based on Hybrid Strategy -- Quantitative Analysis on Coin Flipping Protocol -- Communications Systems and Networking & Control and Automation Systems -- Research on Cost Optimization of UAV Network Routing Protocol Based on OLSR Protocol -- A Lightweight Fault Diagnosis Model of Rolling Bearing Based on Gramian Angular Field and EicientNet-B0 -- ISAC Device-free Sensing Method for V2V System -- Fuzzy sliding mode trajectory tracking control for omnidirectional mobile robots based on exponential convergence law -- Image Classification Method Base on Contrastive Learning -- Research on RFID Indoor Localization Algorithm Based on Virtual Tags and Fusion of LANDMARC and Kalman Filter -- Computer Systems and Applications -- Research on information Literacy Teaching of Library MOOC based on Constructivism -- Research on Smart Library System Based on Big Data -- Smoke segmentation method based on super pixel segmentation and convolutional neural network -- Research on Distributed Routing Technology for LEO Satellite Network -- Analysis of Weld Pool Characteristics in Narrow Gap GTAW Welding Based on Passive Vision.

Sommario/riassunto

This 2-volume set constitutes the proceedings of the 6th EAI International Conference on 6GN for Future Wireless Networks, 6GN 2023, held in Shanghai, China, in October 7-8, 2023. The 60 full papers were selected from 151 submissions and present the state of the art and practical applications of 6G technologies. The papers are arranged thematically in tracks as follows: intelligent systems; big data mining, D2D communication, security and privacy for 6G networks; artificial intelligent techniques for 6G networks; power and energy systems I; power and energy system; power and energy systems; image, video, and signal processing; image, video, and signal processing & software engineering; communications systems and networking & control and automation systems; computer systems and applications.