1. Record Nr.   UNINA9910842495003321

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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 I / / edited by Jingchao Li, Bin Zhang, Yulong Ying

   Pubbl/distr/stampa   Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024

   ISBN   3-031-53401-8

   Edizione   [1st ed. 2024.]

   Descrizione fisica   1 online resource (438 pages)

   Collana   Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 553

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   Disciplina   006.3

   Soggetti   Artificial intelligence
   Computer networks
   Image processing - Digital techniques
   Computer vision
   Signal processing
   Application software
   Machine learning
   Artificial Intelligence
   Computer Communication Networks
   Computer Imaging, Vision, Pattern Recognition and Graphics
   Signal, Speech and Image Processing
   Computer and Information Systems Applications
   Machine Learning

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Nota di contenuto   Intelligent Systems -- 2D Map Generation Considering 3D Spatial Information of Objects for a Guide Dog Robot -- Development of an Image Generation System for Expressing Auditory Environment to Hearing-impaired People -- Robust Object Recognition and Command Understanding for a House Tidying-up Robot -- 3D Point Cloud Based Object Recognition and 3D Mapping -- Intelligent Inspection System of

Coal Preparation Plant Based on Dynamic QR Code -- On The Construction of Information Management System for Railroad Grouping Station Operation -- Research on short term power load forecasting based on Wavelet and BiLSTM -- Big data mining, D2D Communication, Security and Privacy for 6G Networks -- Spectrum Allocation Algorithm based on Improved Chimp Optimization Algorithm -- Research on Model Evaluation Technology Based on Modulated Signal Identification -- Parking space matching and pathplanning based on Wolf feeding decision algorithm in large underground garage -- Research on physical layer authentication method of internet of things based on contour stellar images and convolutional neural network -- Double IRS-Aided Dual-function Radar and Communication System -- Channel Estimation for RIS Communication System with Deep scaled Least Squares -- Algorithmic protection study based on a virtual location -- Artificial intelligent techniques for 6G Networks -- Subway Double-door Anti-pinch Based On RGBD Binary Classification Network -- Design and Implementation of Intelligent IoT Paper Pumping System Based on Face Recognition of Loongson Processor -- Aluminum Defect Detection based on Weighted Feature Fusion Mechanism -- MS TextSpotter: An Intelligent Instance Segmentation Scheme for Semantic Scene Text Recognition in Asian Social Networks -- Improved solar photovoltaic panel defect detection technology based on YOLOv5 -- YOLO-L:A YOLO-BASED ALGORITHM FOR REMOTE SENSING IMAGE TARGET DETECTION -- Power and Energy Systems I -- An effective N-BEATS network model for short term load forecasting -- A Novel Ultra Short-Term Load Forecasting Algorithm of a Small Microgrid Based on Support Vector Regression -- Laser welding process of lithium battery lugs based on finite element simulation -- Failure and Stress Analysis of Cylindrical Springs -- Detection of Corrosion Areas in Power Equipment Based on Improved YOLOv5s Algorithm with CBAM Attention Mechanism -- Power and Energy Systems -- TASE-net: a short-term load forecasting model based on Temperature Accumulation Sequence Effect -- Predicting time series energy consumption based on Transformer and LSTM -- Predicting Wind Turbine Power Output based on XGBoost -- Loop Closure Detection Based on Local and Global Descriptors with Sinkhorn Algorithm -- Stainless steel crack detection based on MATLAB -- Power and Energy Systems -- A new combination model for offshore wind power prediction considering the number of climbing features -- Fault Diagnosis Method of Gas Turbine Combustion Chamber Based on CNN-GRU Model Analysis -- Research on Key Intelligent System in Unmanned Surface Vessel -- Simulation research on thermal management of hydrogen fuel cell for UAV -- Performance analysis on a coupled system of gas turbine and air cycle driven by waste heat of flue gas. .

| 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. |