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| Soggetti | Computer networks Computer systems Computer engineering Computer science - Mathematics Computer Communication Networks Computer System Implementation Computer Engineering and Networks Mathematics of Computing |
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| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Research and Application of Visual SLAM based on Embedded GPU -- Hardware Trojan Detection Method Based on Multifeatured GEP -- Sleep Apnea Monitoring System Based on Channel State Information -- Energy-efficient DAC Scheme Based on Unit Capacitor Switching for SAR ADCs -- The SDN-governed Ad Hoc Swarm for Mobile Surveillance of Meteorological Facilities -- Research on Optimizing the Location and Capacity of Electric Vehicle Charging Stations Research on Semantic Vision SLAM towards Dynamic Environment -- IAA Spectral Estimation in the Selective range -- Robust frequency estimation under additive mixture noise -- Data Augmentation for Cardiac Magnetic Resonance Image using Evolutionary GAN -- Analysis of Spectrum Detection and Decision using Machine Learning Algorithms in Cognitive Mobile Radio |

Networks -- AutoMTS: fully autonomous processing of multivariate time series data from heterogeneous sensor networks -- Image Extrapolation Based on Perceptual Loss and Style Loss -- Comparison of Two Fourier Transform Methods in Modulation Measurement Profilometry -- Research on Image Enhancement Model Based on Variable Order Fractional Differential CLAHE -- Optimum Parameter Estimation under Additive Cauchy-Gaussian Mixture Noise -- Face reconstruction with specific weight mask -- Stability analysis of quaternion-valued neural network with non-differentiable time-varying delays and constant delays -- Learn to rectify label through kernel extreme learning machine. .

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 15th EAI International Conference on Quality, Reliability, Security and Robustness in Heterogeneous Networks, QShine 2020, held in November 2020. Due to COVID-19 pandemic the conference was held virtually. The 19 revised full papers were carefully reviewed and selected from 49 submissions. The papers are organized thematically in tracks on Network Reliability and Security an Emerging Applications.
