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Nota di contenuto	Intelligent Integrated Systems -- Combining MUSIC Algorithm and Adaptive Beamforming to Improve Online Call Quality -- Non-inverting Buck-Boost DC-DC Converter with Three-mode Selection Circuit -- Two Embedding Algorithms in Schur-based Image Watermarking Scheme -- Metaheuristics-Based Hyperparameter Tuning for Convolutional Neural Networks -- Antenna Array Pattern Nulling via Convex Optimization -- Wireless Communications -- Interference suppression approaches utilizing phase-only control and metaheuristics algorithms: A comparative study -- Reconfigurable Intelligent Surface-Aided Wireless Communications Considering Interference Suppression -- Nature Inspired Algorithms-Based Beamforming for Advanced Antenna Systems -- Investigation of

Transmit Antenna Selection for MU-VASM Systems over Correlated Channels -- Millimeter Wave Path Loss Modeling for UAV Communications Using Deep Learning -- Network Solutions -- Enhance secrecy performance of the cooperative NOMA/UAV network applying NSGA-II algorithm -- Fake news detection based on multi-view fuzzy clustering algorithm -- An eicient approach to the k-strong barrier coverage problem under the probabilistic sensing model in wireless multimedia sensor networks -- An eicient method for solving the best coverage path problem in homogeneous wireless Ad-hoc sensor networks -- Performance of Uplink Ultra Dense Network with Antenna Selection.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 14th EAI International Conference on Ad Hoc Networks, AdHocNets 2023, held in Hanoi, Vietnam, during November 10-11, 2023. The 15 full papers were carefully reviewed and selected from 39 submissions. They were organized in topical sections as follows: intelligent integrated systems; wireless communications; and network solutions.