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Nota di contenuto	-- Advanced Network Technologies. -- Performance Improvement for Energy-Efficient CSS with Optimized Cognitive Users over Fading Channels. -- Optimizing WiMAX Network Performance with IP Security:

An Evaluation of TCP and UDP Applications. -- Enhancement of Security in Opportunistic Networks. -- Design and Implementation of Smart Meter for Bilateral Transaction of Solar Energy. -- Optimizing Task Completion Rate in Multi-User Edge Intelligence Networks through Neural Network-based Energy Management with Partitioning and Offloading. -- Efficient Task Offloading in IoV using DDPG and MEC with RIS Support. -- Vacation Recommendation System Using New York Times Articles. -- Analysis of Different Measures of Centrality to Identify Vital Nodes in Social Networks. -- Performance Analysis of Software-Defined Network (SDN) via POX Controller Simulation in Mininet. -- Simulation and Comparison of BB84 and SSP99 QKD Protocols. -- IoT and Machine Learning-based Monitoring of the Growth of Crops Using Blockchain Technology. -- Determining the Impact of Metallic Obstacles on Blue-tooth Transmission to enhance Indoor Location Determination. -- Optimizing Crop Yield through IoT-Based Smart Irrigation with Fuzzy Control. -- Fusion of Chi-square and Z-test statistics for Feature Selection with Machine Learning Techniques in Intrusion Detection. -- Smart Bakery: Technology and Automation. -- An experimental study on Estimation of Reliability of a Computer Network for the network of Delhi Development Authority: A Study on Challenges, Experiment and its results, Potential Future Avenues and Significance of Ongoing Research. -- An Effective Virtual Machine Allocation in Federated Cloud by PARAMR-DNN Technique. -- Intrusion Watchdog: Enhancing Intrusion Detection System with Machine Learning using 3-way Feature Selection Technique. -- Phishing URLs Detection Method using Hybrid Feature and Convolutional Neural Networks with Attention Mechanisms. -- Exploring Multi-Attribute Selection Strategies for Effective Phishing Detection with Machine Learning. -- Zero-day exploits framework of supply chain networks. -- SMASK: Parallel Probabilistic Privacy-Preserving Frequent Pattern Mining Technique for Big Data. -- SMAKMS_FC: Secure Mutual Authentication and Key Management Scheme for Fog Computing. -- Comparative Analysis on Network Attack Prediction Used Deep Learning Approaches on Software Security Testing. -- DNA-Based Elliptic Curve Cryptography for Data Security in IoT.

Sommario/riassunto

The 4-volume proceedings set CCIS 2090, 2091,2092 and 2093 constitute the refereed post-conference proceedings of the Third International Conference on Advanced Network Technologies and Intelligent Computing, ANTIC 2023, held in Varanasi, India, during December 20-22, 2023. The 87 full papers and 11 short papers included in this book were carefully reviewed and selected from 487 submissions. The conference papers are organized in topical sections on: Part I - Advanced Network Technologies. Part II - Advanced Network Technologies; Intelligent Computing. Part III-IV - Intelligent Computing.