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Soggetti	Computer engineering Computer networks Software engineering Cryptography Data encryption (Computer science) Coding theory Information theory Computer Engineering and Networks Software Engineering Cryptology Computer Communication Networks Coding and Information Theory
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Livello bibliografico	Monografia
Nota di contenuto	-- Intelligent Computing. -- DDoS Attack Detection Using Explainable AI in Machine Learning. -- XcUNet for Skin Lesion Segmentation followed by Clustering based Post-processing. -- Exploratory Study on Different Transformer Models. -- VisionLingua: Empowering

Multimodal Understanding with Cutting-Edge Language Models. -- Human Action Recognition using Mediapipe Holistic Keypoints: A Deep Learning Approach. -- Machine Learning for Waste-to-Energy: Optimization and Predictive Analytics. -- Enhanced Traffic Forecasting for Urban planning Using DeepWalk Embeddings and Spatio-Temporal Graph Ordinary Differential Equation model. -- Fault Detection in Semiconductor Manufacturing Using Advanced Machine Learning Techniques with Interpretability. -- Fine-Tuning RetinaNet for Few-Shot Fruit Detection. -- Smart Street: AI-Powered Traffic Flow Enhancement with Adaptive Signal Control. -- A Hybrid Machine Learning Approach for Accurate Milk Quality Classification. -- Designing VoiceGPT Chatterbox Concierge: A Personal AI Assistant for Daily Services using Supervised Machine Learning Based Speech Recognition Techniques. -- Improved Classification Techniques Using Convolutional Neural Networks for Rice Plant Disease Detection. -- Enhancing Customer Segmentation and Behavior Prediction through Machine Learning and Medium Gaussian SVM. -- Grapevine SDLC Model for Real-Time Fake News Classification. -- Detecting AI-Generated Text Using Fine-Tuned Transformers: A Study on Academic Integrity. -- MoReco: AI Model Recommendation and Optimization for B5G Networks. -- File Prefetching Accuracy Enhancement using Deep Learning Approaches. -- Mamba based conditional GAN for optical cloud removal of satellite images. -- A hybrid quantum machine learning model for multi-class classifier. -- Adaptive Resource Management in Massive Machine-Type Communications Using Reinforcement Learning. -- Advanced Machine Learning and Features based Data Analytics of Electricity Consumption in USA and India. -- Cross-Domain Adversarial Attacks and Defense Mechanisms in Multimodal Neural Networks. -- Deep Feature Fusion of Local and Global Patterns for Early Detection of Lung Abnormalities in Chest X-Rays.

Sommario/riassunto

This book constitutes the refereed proceedings of the 4th International Conference on Advanced Network Technologies and Intelligent Computing, ANTIC 2024, held in Varanasi, India, during December 19–21, 2024. The 95 full papers and 15 short papers included in this book were carefully reviewed and selected from 507 submissions. They were organized in topical sections as follows: Advance Network Technologies; and Intelligent Computing.
