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Nota di contenuto	Plant Disease Detection using Deep Learning: A Focus on Pathogen-Based Classification -- NR2-A Novel Graph Based Encryption Algorithm -- Smart Computing Approaches to Adaptive Ensemble Learning for Detecting APT Threats through Network Behavior Anomalies -- Building a model of Physical Activity Recognition using Hierarchical AutoML -- Intelligent post-operative room Systems: A Cost-Effective Design for Enhanced Patient Care in Resource-Limited Settings -- United Against Hate: A Deep Learning Ensemble Approach for Robust Hate Speech and Offensive Language Detection -- Harnessing Grey Wolf Optimization for Enhanced Deep Learning CNN in Rheumatoid Arthritis X-ray Analysis -- Enhancing Anomaly Detection in IoT Systems with an Ensemble of Machine Learning Algorithms -- Harnessing Machine Learning for Accurate Water Quality Monitoring and Prediction -- Anomaly Detection in DC Distribution Systems: A Wavelet and Autoencoder-based Method.-Etc. .
Sommario/riassunto	This book presents high-quality research papers presented at Congress on Smart Computing Technologies (CSCT 2024) organized by Soft

Computing Research Society (SCRS), held at National Institute of Technology Sikkim from 14 to 15 December 2024. The book extensively covers recent research in algorithms for smart computing, AI and machine learning in smart computing, edge computing algorithms, adversarial networks and autoencoders, data visualization, data mining, data analytics, machine learning, game theory, high-performance computing, mobile and ubiquitous platforms for smart environments, cloud/edge/fog computing technologies for smart systems, Internet of Things (IoT) and industrial IoT technologies for smart systems, smart device and hardware, security, privacy, and economics in smart environments, big data, healthcare informatics, smart precision agriculture, smart transportation, social network analysis, and human–computer interaction. The book is presented in two volumes.

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