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Autore	Lin Frank
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Altri autori (Persone)	Briguilmene KesswaniNishtha MishraMadhusudhan RayAshok
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Nota di contenuto	Preface -- Fixed point theorems on B_n - metric space -- IOT Univariate and Multivariate Time-Series Data Anomaly Detection: A Literature Review -- Estimate long-term and short-term coastline changes :a case study of Kakinada Coast, Southeast coast of India -- Machine Learning in Small- and Medium-Sized Enterprises Knowledge Management: An Overview of the Latest Trends -- Leveraging Machine Learning Algorithms for Accurate Solar PV Power Prediction in Real Time -- Real-Time Conversion of American Sign Language Using Convolutional Neural Network -- RDTP: Reliable Delay Time Protocolwith Duty-Cycle Optimization in 6LoWPAN-WBAN -- XLNet-LSTM: A Hybrid Architecture for Efficient MOOCs Evaluation using Deep Transfer Learning -- Empowering the Next Generation of Wireless Networks: Advanced Machine Learning Techniques for 5G and Beyond -- An Investigative Study on Anomaly Detection Techniques Utilizing Interactive Language Models -- A Survey on Customized Algorithm Approach for Solving

Non-Convex Optimization Problems in Machine Learning -- A Comparative Study of Outlier Detection Algorithms in Diabetes -- An Application of Gradient Boosting in Laptop Price Prediction -- Metrics Evaluation on Fake News Detection Using Machine Learning Models -- An Optimized CNN-Based Approach for Efficient Object Detection Using YOLO -- Network Intrusion Detection System Using Gradient Boosting Algorithm -- Effective Water Quality Prediction Using Random Forest Algorithm -- A Comparative Study for Predicting Airline Passenger Satisfaction -- Exploring Ensemble Methods for Spam Classification -- Enhancing Security Through Trust Evaluation Using Hidden Markov Model in VANETs -- A Trusted Routing Scheme using Reinforcement Model in Mobile Adhoc Networks -- Detecting Monkeypox Skin Lesions with Deep Learning: A Promising Approach for Early Diagnosis -- Human Verification System using Neural Networks -- Ganvolution: Image Generation Using Generative Adversarial Networks -- Drone Detection System Using Image Processing -- Index.

Sommario/riassunto

This volume encapsulates the collective knowledge shared and innovations presented at the 9th International Conference on Computers, Management & Mathematical Sciences (ICCM) 2023 held on the 24th and 25th of August, 2023 at the North Eastern Regional Institute of Science and Technology (NERIST), India. The ICCM 2023 was a hybrid conference, featuring both in-person and virtual attendance and explores the transformative role of computational intelligence in solving complex problems across management and mathematics. Computational intelligence encompasses techniques inspired by the human brain and nature—such as fuzzy systems, neural networks, and evolutionary computation—that excel in stochastic environments where reasoning is essential to derive meaningful solutions. The proceedings offer a comprehensive overview of how these powerful algorithms and principles are applied to a diverse array of research challenges, with a particular emphasis on computational aspects in the business domain. Scholars, researchers, and students will find invaluable insights into the development and implementation of innovative methods tailored to real-world scenarios. Key Highlights: Application of fuzzy logic to decision-making in uncertain environments. Advances in neural networks for predictive analysis and optimization. Evolutionary computation techniques for addressing complex, multi-variable problems. Insights into computational methods that bridge management theory and mathematical models. This volume serves as a critical resource for anyone seeking to harness computational intelligence to push the boundaries of research in management and mathematics. Whether you're a student embarking on your academic journey or a seasoned scholar, this book provides the tools and knowledge needed to navigate this dynamic field.
