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Nota di contenuto	Empowering Multilingual Abstractive Text Summarization: A Comparative Study of Word Embedding Techniques -- A more effective ensemble ML method for detecting breast cancer -- Model Accuracy Test for Early Stage of Diabetes Risk Prediction with Data Science Approach -- Financial Statement Fraud Detection using Optimized Deep Neural Network -- Managing Operations in Chaotic Environments with Evolutionary Software Agents -- Identification of Plant Leaf Disease using Synthetic Data Augmentation ProGAN to Improve the Performance of Deep Learning Models -- IoT and Satellite Image Driven Water Quality Monitoring and Assessment Method in Coastal Region -- Machine Learning-powered Cloud-based Text Summarization -- Image Classification Using Few Shot Learning -- A Survey on Thyroid Nodule

Detection and Classification -- XGBoost tuned by hybridized SCA metaheuristics for intrusion detection in healthcare 4.0 IoT systems -- Chaotic Biogeography Based Optimization using Deep Stacked Auto Encoder for Big DataClassification -- CigaretteCNN: A Convolutional neural network for detecting cigarette smoking activity -- Predicting Customer Churn in Subscriptio n-Based Enterprises Using Machine Learning -- Improved Edge Detection for Brain Tumor using Multi-Threading and Advanced Parallelism -- Impact of Artificial Intelligence on Investment: A Narrative Review -- Power Quality Conditioner with Hybrid Ant Colony Optimization -- Diagnosis of Early Cardiac Disease by Applying Machine Learning Algorithms -- Fault-Tolerant Mobile Agent System using eXtensible Volunteer Algorithm enabled Dynamic Role Based Access Control in a Conclave Environment -- Hyperparameter Tuning by Evolutionary Algorithm for Object Detection on Multimodal Satellite Imagery -- Comparative Examination of Credit Card Fraud Detection Using Machine Learning Algorithms -- Wagging Based Whale Optimization Algorithm To Enhance The Prediction of Intrusions In IoT Network -- Redefining Leadership in the Age of AI: Tools, Applications, and Limitations -- Happiness Index: Prediction with Machine Learning -- Malicious Domain Detection using Random Indexing and Machine Learning -- Multi Objective Neuro Evolution Based Xception For Fault Detection In Edge System -- Deep Neuro Evaluation With Stacked Auto Encoders Opimization For Biomedical Cancer Text Classification.

| Sommario/riassunto | This book gathers a collection of selected works and new research results of scholars and graduate students presented at International Conference on Evolutionary Artificial Intelligence (ICEAI 2023) held in Malaysia during 13-14 September 2023. The focus of the book is interdisciplinary in nature and includes research on all aspects of evolutionary computation to find effective solutions to a wide range of computationally difficult problems. The book covers topics such as particle swarm optimization, evolutionary programming, genetic programming, hybrid evolutionary algorithms, ant colony optimization, evolutionary neural networks, evolutionary reinforcement learning, genetic algorithms, memetic algorithms, novel bio-inspired algorithms, evolving multi-agent systems, agent-based evolutionary approaches, and evolutionary game theory. |