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Collana	Algorithms for Intelligent Systems, , 2524-7573
Altri autori (Persone)	PavoneMario F SaraswatMukesh
Disciplina	006.3
Soggetti	Computational intelligence Artificial intelligence Machine learning Big data Computer networks Computational Intelligence Artificial Intelligence Machine Learning Big Data Computer Communication Networks
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Entropy measure for the linguistic intuitionistic fuzzy set -- Principal component analysis and correlation coefficient-based decision-making approach for stock portfolio selection -- Determination of Thickness and Refractive Indices of Thin-Films from Reflectivity Spectrum using Rao-1 Optimization Algorithm -- Deep Sea Debris Detection using YOLOIncep Network -- Precipitation Forecasting: LSTM Modelling in Visual Analytic Frame work -- Cyclone Forecasting Before Eye Formation Using Deep-Learning -- Efficient Approach for Malware Detection Using Machine Learning Classifier -- Distances from Fuzzy Implications -- Real Time quick Fog removal Technique for supporting vehicles on hilly routes amid dense fog -- Deep learning based

approach for outlier detection in wireless sensor network -- Predicting Kidney Tumor Using Convolutional Neural Network (CNN) -- Comparative Analysis of Cognitive Services in popular cloud platforms -- A Survey on Efficient Neural Network Compression Techniques -- Implementation of Reliable Post-Disaster Relief -- Communication Network Using Hybrid Secure Routing Protocol -- Compact Metamaterial Octagonal Antenna for Wireless Body Area Network -- A survey on different techniques for Anomaly detection -- A Scholastic Comprehensive study on 6G Wireless Communication System -- A Modified LSB Steganography Algorithm to Store Images of Large Size.

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### Sommario/riassunto

The book presents high quality research papers presented at International Conference on Computational Intelligence (ICCI 2022) held at Indian Institute of Information Technology Pune, India during 29 – 30 December, 2022. The topics covered are artificial intelligence, neural network, deep learning techniques, fuzzy theory and systems, rough sets, self-organizing maps, machine learning, chaotic systems, multi-agent systems, computational optimization ensemble classifiers, reinforcement learning, decision trees, support vector machines, hybrid learning, statistical learning, metaheuristics algorithms: evolutionary and swarm-based algorithms like genetic algorithms, genetic programming, differential evolution, particle swarm optimization, whale optimization, spider monkey optimization, firefly algorithm, memetic algorithms. And also machine vision, Internet of Things, image processing, image segmentation, data clustering, sentiment analysis, big data, computer networks, signal processing, supply chain management, web and text mining, distributed systems, bioinformatics, embedded systems, expert system, forecasting, pattern recognition, planning and scheduling, time series analysis, human-computer interaction, web mining, natural language processing, multimedia systems, and quantum computing.

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