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Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1440
Disciplina	004
Soggetti	Data structures (Computer science) Information theory Machine learning Application software Social sciences - Data processing Education - Data processing Computer vision Data Structures and Information Theory Machine Learning Computer and Information Systems Applications Computer Application in Social and Behavioral Sciences Computers and Education Computer Vision
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	An Energy-Efficient Hybrid Hierarchical Clustering Algorithm for Wireless Sensor Devices in IoT -- Fund Utilization under Parliament Local Development Scheme: Machine Learning base Approach -- Implementing Automatic Ontology Generation for the New Zealand Open Government Data: An Evaluative Approach -- Blockchain based Framework to Maintain Chain of Custody (CoC) in a Forensic

Investigation. - A light SRGAN for Up-Scaling of Low Resolution and High Latency Images -- Energy Efficient Clustering Routing Protocol and ACO Algorithm in WSN -- Efficient Social Distancing Detection using Object Detection and Triangle Similarity -- Explaining a Black-Box Sentiment Analysis Model with Local Interpretable Model Diagnostics Explanation (LIME) -- Spelling Checking and Error Corrector System for Marathi Language Text using Minimum Edit Distance Algorithm -- A Study on Morphological Analyser for Indian Languages : A Literature Perspective -- Cyber Safety Against Social Media Abusing -- Predictive Rood Pattern Search for Efficient Video Compression -- An Effective Approach For Classifying Acute Lymbphoblastic Luekemia Using Hybrid Hierarchical Classifiers -- Abnormal Blood Vessels Segmentation for Proliferative Diabetic Retinopathy Screening Using Convolutional Neural Network. - Predictive Programmatic Classification Model to Improve Ad-Campaign Click Through Rate -- Live stream processing techniques to assist unmanned, regulated railway crossings -- Most Significant Bit-Plane based Local Ternary Pattern for Biomedical Image Retrieval -- Facial Monitoring Using Gradient Based Approach -- Overlapped Circular Convolution based feature extraction algorithm for classification of high dimensional datasets -- Binary Decision Tree Based Packet Queuing Schema for Next Generation Firewall -- Automatic Tabla Stroke Source Separation Using Machine Learning -- Classification of Immunity Booster Medicinal Plants using CNN: A Deep Learning Approach -- Machine Learning Model Interpretability in NLP and Computer Vision Applications -- Optimal Sizing and Siting of Multiple Dispersed Generation System using Metaheuristic Algorithm -- Design of a Fused Triple Convolutional Neural Network for Malware Detection: A Visual Classification Approach -- Mobile Agent Security using Lagrange Interpolation with Multilayer Perception Neural Network -- Performance Analysis of Channel coding techniques for 5G networks -- An Ensemble Learning Approach for Software Defect Prediction in Developing Quality Software Product -- A Study on Energy-Aware Virtual Machine Consolidation Policies in Cloud Data Centers using Cloudsim Toolkit -- Predicting Insomnia Using Multilayer Stacked Ensemble Model. - A novel encryption scheme based on Fully Homomorphic Encryption and RR-AES along with privacy preservation for vehicular network -- Key-Based Decoding for Coded Modulation Schemes in the presence of ISI -- Optimizing the Performance of KNN Classifier for Human Activity Recognition -- Face Recognition with Disguise and makeup Variations Using Image Processing and Machine Learning -- Attention-based deep Fusion Network for Retinal Lesion Segmentation in Fundus Image -- Visibility improvement in hazy conditions via a deep learning based image fusion approach -- Performance of Reinforcement Learning Simulation: x86 v/s ARM -- A Performance Study of Probabilistic Possibilistic Fuzzy C-Means Clustering Algorithm -- Optimized Random Forest Algorithm with Parameter Tuning for Predicting Heart Disease -- Machine Learning Based Techniques for Detection of Renal Calculi in Ultrasound Images -- Unsupervised Change Detection in Remote Sensing Images Using CNN Based Transfer Learning -- Biological Sequence Embedding based Classification for MERS and SARS -- Supply Path Optimization in Video Advertising Landscape -- Stack-based CNN Approach to Covid-19 Detection -- Performance Analysis of Various Classifiers for Social Intimidating Activities Detection -- Technique for Enhancing the efficiency and security of lightweight IoT devices -- Performance Improvement in Deep Learning Architecture for Phonocardiogram Signal Classification using Spectrogram -- Performance Analysis of

Machine Learning Techniques in Device Free Localization in Indoor Environment -- D-Leach: An Energy Optimized Deterministic Sub-clustering and Multi-hop Routing Protocol for Wireless Sensor Networks -- Robust Image Watermarking Using Support Vector Machine and Multi-Objective Particle Swarm Optimization -- Generalized Intuitionistic Fuzzy Entropy on IFMARCOS Technique and its Application in Multi-Criteria Decision Making -- Feature Selection in Machine Learning by Hybrid Sine Cosine Metaheuristics -- Rainfall Prediction using Logistic Regression and Support Vector Regression Algorithms -- Collaborative Recommender System (CRS) using optimized SGD - ALS -- Violence Detection from CCTV Footage using Optical Flow and Deep Learning in inconsistent weather and lighting conditions -- Speech based Multiple Emotion Classification model using Deep Learning -- A Legal-Relationship Establishment in Smart Contracts: Ontological Semantics for Programming-Language Development -- Aspect Based Sentiment Analysis - An Incremental Model Learning Approach Using LSTM-RNN -- Cloud based Exon Prediction using Maximum Error Normalized Logarithmic Algorithms -- Unsupervised Learning of Visual Representations via Rotation and Future Frame Prediction for Video Retrieval -- Application of Deep Learning in Classification of Encrypted Images -- Ear Recognition Using Pretrained Convolutional Neural Networks -- An Adaptive Service Placement Framework in Fog Computing Environment -- Efficient Ink Mismatch Detection Using Supervised Approach.

Sommario/riassunto

This two-volume book constitutes the post-conference proceedings of the 5th International Conference on Advances in Computing and Data Sciences, ICACDS 2021, held in Nashik, India, in April 2021.* The 103 full papers were carefully reviewed and selected from 781 submissions. The papers in Part I and II are centered around topics like distributed systems organizing principles, development frameworks and environments, software verification and validation, computational complexity and cryptography, machine learning theory, database theory, probabilistic representations database management system engines, data mining, information retrieval query processing, database and storage security, ubiquitous and mobile computing, parallel computing methodologies, and others. *The conference was held virtually due to the COVID-19 pandemic.
