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| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Information Systems, Mathematics and Data Analyses -- Anomaly detection in IoT using Extended Isolation Forest -- A novel dimensional reduction strategy based on a fine-pruned decision tree classifier for detecting DDoS attacks in cloud computing environments -- A survey on Large Dataset Minimum Spanning Trees -- Characterization of Simple Sequence Repeats: Evolutionary Implications from Ancient Human Mitochondrial Genome -- Comparative Exploration of Statistical Techniques for Landslide Identification and Zonation Mapping and Assessment: A Critical Review -- Enhanced Security and Privacy for IoT based Locker System operated at Low Frequency Spectrum using Blockchain -- Genetic Algorithm Based Adaptive PID Tuning of Time |

Delay Process -- Hybridization of Sine-Cosine Algorithm with K-Means for Pathology Image Clustering -- Industrial Warehouse Robot Simulation Using ROS -- Major Challenges and Threats of Blockchain Technology -- SecVT:Securing the Vehicles of Tomorrow using Blockchain Technology -- Applied Artificial Intelligence -- A Comparative Analysis of Machine Learning Based Sentiment Analysis -- ANN-Based Performance Prediction in MoCs -- Assessment of shallow and deep learning models for prediction of sea surface temperature -- Bioinformatics Analysis of Oral Squamous Cell Carcinomas and Their Interaction to Identify Molecular Signatures -- Music Learning Android App Development for Autistic Children -- NecklaceFIR: A large volume benchmarked necklace dataset for fashion image retrieval -- Optimal Sample Size Calculation for Machine Learning Based Analysis for Suicide Ideation -- Query Focused Video Summarization: A Review -- Sleep-wake classification using acceleration data from wearable wrist worn sensors: review -- Understanding Fake News Detection on Social Media: A Survey on Methodologies and Datasets -- Freshness quality detection of tomatoes using computer vision -- Facial Gesture Recognition based Real Time Gaming for Physically Impaired -- Deep Learning approaches for analysis and detection of Tomato leaf diseases -- Prediction of Impact Energy of Steel using Artificial Neural Network -- A New Method of Galaxy Classification Using Optimal Convolution Neural Network -- Early Detection of Pneumonia using Deep Learning Approach -- Concrete Crack Segmentation using Histogram Based Fast Clustering and Morphological Operators -- Human Gender Classification based on Hand Images using Deep Learning -- Artificial Intelligence based Smart Government Enterprise Architecture (AI-SGEA) Framework.

Sommario/riassunto

This book constitutes the refereed proceedings of the First International Symposium on Artificial Intelligence, ISAI 2022, held in Haldia, India, during February 17-22, 2022. The 30 full papers included in this book were carefully reviewed and selected from 75 submissions. They were organized in topical sections as follows: information systems, mathematics and data analyses; and applied artificial intelligence. .
