

1. Record Nr.	UNINA9910633925503321
Titolo	Information systems and management science : conference proceedings of 4th International Conference on Information Systems and Management Science (ISMS) 2021 / / Lalit Garg [and seven others] editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2023] ©2023
ISBN	3-031-13150-9
Descrizione fisica	1 online resource (589 pages)
Collana	Lecture notes in networks and systems ; ; Volume 521
Disciplina	658.4038
Soggetti	Information resources management Information technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Contents -- The Sentiment Analysis for Hindi Language Using Convolution Neural Network and Deep Belief Network -- 1 Introduction -- 2 Related Work -- 3 Concept Behind Neural Networking -- 3.1 Convolutions Neural Network -- 4 Implementation -- 4.1 Tool Used -- 4.2 Working of the System -- 5 Experimental Setup -- 6 Result and Discussion -- 6.1 Comparison -- 7 Conclusion and Future Work -- References -- An Empirical Review on Brain Tumor Classification Approaches -- 1 Introduction -- 2 Review of Some Existing Methods -- 2.1 Brain tumor detection based on Machine-learning techniques -- 2.2 Brain Tumor Detection based on Fuzzy Approach -- 2.3 Brain Tumor Detection based on Ensemble-Learning Techniques -- 2.4 Brain Tumor Detection based on Hybrid Approach -- 2.5 Brain Tumor Detection based on Deep-Learning Techniques -- 3 Analysis and Discussion -- 3.1 Analysis Based on Dataset -- 3.2 Analysis based on Performance Metrics -- 4 Existing Gap and Challenges -- 4.1 Challenges Experienced in Deep Learning Techniques -- 4.2 Challenges Experienced in Machine Learning techniques -- 5 Conclusion -- References -- Obstacle Finding and Path Planning of Unmanned Vehicle by Hybrid Techniques -- 1 Introduction -- 2 A* Methodology -- 2.1 Parameters of A* Algorithm -- 3 Fuzzy-Logic Algorithm -- 4 Fuzzy

Inference Parameter -- 4.1 Concept of Defuzzification -- 5 Concept of Hybrid A*-Fuzzy Controller -- 6 Analysis and Result of A*-Fuzzy Hybrid Controller -- 7 Conclusion and Future Work -- References -- Simulation of Internet of Things Network for Big Data Analytics -- 1 Introduction -- 2 Importance of Bigdata -- 3 Characteristics of Bigdata -- 3.1 Volume -- 3.2 Velocity -- 3.3 Variety -- 4 Data Analytics and its Types -- 4.1 Descriptive Analytics -- 4.2 Diagnostic Analysis -- 4.3 Predictive Analysis -- 4.4 Prescriptive Analysis.
5 Data Analytics in IoT: Simulation using Contiki OS and Cooja Emulator -- 5.1 Data Analytics using Hadoop MapReduce -- 5.2 Data Collection -- 5.3 Data Loading -- 5.4 Data analysis -- 5.5 Knowledge Extraction -- 5.6 Input data -- 5.7 Mapreduce Implementation -- 6 Conclusion -- References -- Mirai Botnet Attacks on IoT Applications: Challenges and Controls -- 1 Introduction -- 2 Literature Survey -- 3 Internet of Things Layer Architecture -- 3.1 Application Layer -- 3.2 Middleware Layer -- 3.3 Network Layer -- 3.4 Perception Layer -- 4 IoT Applications -- 4.1 Smart Home -- 4.2 Smart City -- 4.3 Smart Agriculture -- 4.4 Smart Industry -- 4.5 Smart Transport -- 4.6 Smart Healthcare -- 5 Attacks on IoT Applications -- 5.1 Mirai Botnet -- 5.2 DDoS -- 5.3 Malicious Code Injection -- 5.4 Ransomware -- 6 Mirai Botnet Attacks on IoT -- 7 Detection Methods -- 7.1 Machine Learning -- 7.2 Cryptography -- 7.3 Bio-Inspired Computing Techniques -- 8 Bio-Inspired Computing Framework for IoT Botnet Attacks -- 9 Performance Evolution -- 10 Conclusion -- References -- Machine Learning for Recognition and Classification of Visual Art Architecture: A Survey -- 1 Introduction -- 2 Related Work -- 2.1 Classification of Monuments -- 2.2 Detection of Monuments -- 2.3 Analysis of Sentiments Related to Monuments -- 3 Description and Comparative Study of Research Works -- 4 Result Analysis -- 5 Conclusion and Future Work -- References -- Technology Aspects of Artificial Intelligence: Industry 5.0 for Organization Decision Making -- 1 Introduction -- 2 Related Work -- 2.1 Industry 5.0 -- 2.2 Decision Making -- 2.3 Human Role in Organizational Decision Making -- 2.4 Technology Role in Organizational Decision Making -- 3 Human-Machine Collaboration -- 4 Role of Explainable Artificial Intelligence in Decision Making -- 5 Challenge and Future Directions -- 6 Conclusion -- References.

Dress Pattern Classification Using ResNet Based Convolutional Neural Networks -- 1 Introduction -- 2 Related Work -- 3 Convolutional Neural Networks -- 4 ResNet152 -- 5 Dataset Pre-processing -- 6 Model Description -- 6.1 Model Training -- 6.2 Model Compilation -- 6.3 Model Fitting -- 7 Evaluation Metrics -- 8 Experimental Setup and Results -- 8.1 Experimental Results -- 9 Conclusion -- References -- An Efficient MR Images Based Analysis to Predict Alzheimer's Dementia Stage Using Random Forest Classifier -- 1 Introduction -- 2 Motivation -- 3 Key Contribution -- 4 Material and Method -- 5 Results and Discussion -- 6 Conclusion -- References -- EMG Pattern Recognition: A Systematic Review -- 1 Introduction -- 2 EMG Pattern Recognition Process -- 3 Related Work -- 4 Discussion -- 5 Conclusion -- References -- Image Generation Using GPT-2 -- 1 Introduction -- 2 Literature Review -- 3 Proposed Method -- 3.1 Dataset -- 3.2 Workflow -- 3.3 Procedure -- 3.4 Encoding/Decoding the Images -- 3.5 GPT -- 3.6 Evaluation Metric: FID (Fréchet Inception Distance) -- 4 Results and Discussion -- 4.1 Variation of FID Score with Training Data Size -- 4.2 Comparison of FID scores -- 5 Conclusion and Future Work -- References -- LightMobileNetV2: A Lightweight Model for the Classification of COVID-19 Using Chest X-Ray Images -- 1 Introduction -- 1.1 Background -- 2 Methodology -- 2.1 Deep

Learning Model: MobileNetV2 -- 2.2 Dataset Used -- 2.3 Proposed Model -- 2.4 Experimental Settings -- 3 Results -- 4 Conclusion -- References -- Intention to Adopt E-Grocery Shopping Service in Vietnam During Covid-19 Pandemic -- 1 Introduction -- 2 Development -- 2.1 E-Grocery Shopping as Electronic Service -- 2.2 Theory of Planned Behavior and the Technology Acceptance Model -- 2.3 Hypotheses Development -- 3 Research Method -- 4 Results -- 4.1 Descriptive Analysis.

4.2 Reliability Analysis -- 4.3 Exploratory Factor Analysis -- 4.4 Correlation Analysis and Multivariate Regression -- 5 Conclusion -- 5.1 Discussion -- 5.2 Managerial Implications -- References -- Optimizing the Compressive Strength of Concrete with Altered Compositions Using Hybrid PSO-ANN -- 1 Introduction -- 2 Data Description -- 2.1 Data Preparation -- 2.2 Performance Evaluation -- 3 Methodology -- 3.1 Artificial Neural Network -- 3.2 Particle Swarm Optimization-Artificial Neural Network -- 4 Results and Discussions -- 5 Conclusion -- References -- Adaptive Strategies for Multicriteria Auctions: An Empirical Study -- 1 Introduction -- 2 Related Works -- 3 Auction Model -- 3.1 Preference Model -- 3.2 Aggregation Model -- 4 The Auction System -- 4.1 Properties -- 5 Experimental Settings -- 5.1 Interaction Protocol and Global Parameters -- 5.2 Buyer Agent -- 5.3 Supplier Agents -- 5.4 Parameter Settings -- 5.5 Parameter Analysis -- 6 Conclusion -- References -- Crowd Management System Based on Hybrid Combination of LSTM and CNN -- 1 Introduction -- 2 Related Work -- 3 Proposed Work -- 4 Experimental Setup and Result Analysis -- 5 Conclusion and Future Work -- References -- Facial Liveness Detection in Biometrics: A Multivocal Literature Review -- 1 Introduction -- 2 Background -- 2.1 Biometric -- 3 Research Methodology -- 4 Result -- 5 Conclusion and Future Work -- References -- An Innovative User Authentication Method: Replacements of Text Based Passwords -- 1 Introduction and Literature Review -- 2 Proposed Method -- 3 Security Analysis and Advantages -- 4 Conclusion and Future Scope -- References -- Analysis and Survey of Soil Moisture Prediction Techniques for Agricultural Applications -- 1 Introduction -- 2 Categorization of Soil Moisture Prediction Methods -- 2.1 Conventional Methods of Soil Moisture Prediction.

2.2 Remote Sensing Based Methods of Soil Moisture Prediction -- 2.3 Machine Learning Based Methods of Soil Moisture Prediction -- 2.4 Deep Learning Based Methods of Soil Moisture Prediction -- 3 Discussion and Analysis -- 3.1 Analysis Based on Metrics -- 3.2 Analysis Based on Dataset Used -- 3.3 Achievements -- 3.4 Survey of Papers Under Consideration -- 4 Research Gap and Challenges -- 4.1 Conventional Methods -- 4.2 Methods Based on Remote Sensing -- 4.3 Machine Learning Based Methods -- 4.4 Deep Learning Based Methods -- 5 Conclusion -- References -- LSTM Based Advanced Fake News Detection -- 1 Introduction -- 2 Types of News -- 2.1 Fake News -- 2.2 Rumour -- 3 DataSet -- 4 Fake News Detection -- 4.1 Digital -- 4.2 News Content Based -- 4.3 Social Based -- 5 Fake News Detection Mechanism -- 6 Results -- 7 Conclusion -- References -- HTL-DP: Homogeneous Transfer Learning for Defect Prediction -- 1 Introduction -- 2 Related Work -- 3 Methodology -- 4 Result -- 5 Statistical Test -- 6 Threats to Validity -- 7 Conclusion -- References -- Development of a Chi-Square Approach for Classifying Ischemic Stroke Prediction -- 1 Introduction -- 2 Related Works -- 3 Methodology -- 3.1 Convolutional Neural Network (CNN) -- 3.2 Support Vector Machine -- 4 Results and Discussions -- 5 Conclusion -- References -- Anomaly Detection for Industrial Control Networks Using Hamming Distance -- 1 Introduction -- 2 Related Work -- 3 Dataset Description -- 4

Performance Evaluations -- 4.1 Methodology -- 4.2 Result -- 5
Conclusion -- References -- A Web-Based Instant Messaging System
for Effective Communication Among Organic Farmers and Researchers
-- 1 Introduction -- 2 Related Works -- 3 Methodology -- 4 Results --
5 Conclusion -- References -- Machine Learning Approaches
for Classifying the Peace-War Orientations of Global News
Organizations' Social Media Posts.
1 Introduction.
