

1. Record Nr.	UNINA9910770278603321
Autore	Vasant Pandian
Titolo	Intelligent Computing and Optimization : Proceedings of the 6th International Conference on Intelligent Computing and Optimization 2023 (ICO2023), Volume 3
Pubbl/distr/stampa	Cham : , : Springer, , 2024 ©2023
ISBN	3-031-50327-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (376 pages)
Collana	Lecture Notes in Networks and Systems Series ; ; v.853
Altri autori (Persone)	Shamsul ArefinMohammad PanchenkoVladimir ThomasJ. Joshua MunapoElias WeberGerhard-Wilhelm Rodriguez-AguilarRoman
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Contents -- About the Editors -- I Clean Energy, Agro-Farming, and Smart Transportation -- UV-A, UV-B, and UV-C Irradiation Influence on Productivity and Anthocyanin Accumulation in Lettuce, Mustard and Basil Plants in Reduced Light Conditions -- 1 Introduction -- 2 Materials and Methods -- 3 Results and Discussion -- 4 Conclusion -- References -- Optimization of Electrocontact Welding Wear-Resistant Functional Coatings Regime in the Use of Engineering Industrial Wastes -- 1 Introduction -- 2 Materials and Methods -- 3 Results -- 4 Discussion -- 5 Conclusion -- References -- Accelerated Growth and Development of Plants as a Result of Their Stimulation in the Impulsed Electric Field -- 1 Introduction -- 2 Materials and Methods -- 3 Results and Dscusson -- 4 Conclusion -- References -- A Deep Reinforcement Learning Framework for Reducing Energy Consumption of Server Cooling System -- 1 Introduction -- 2 Related Work -- 3 Methodology -- 3.1 Environment Creation -- 3.2 Deep Q-Network (DQN) -- 3.3 Research

Ethics -- 4 Experimental Result and Discussion -- 5 Conclusion and Future Work -- References -- Far North: Optimizing Heating Costs -- 1 Introduction -- 2 Materials and Methods -- 3 Results -- 4 Conclusion -- References -- Justification for the Need to Develop and Implement Remote Monitoring Systems of the Grain Embankment Condition Which Operate by Using Renewable Energy Sources -- 1 Introduction -- 1.1 Main Part -- 1.2 Physical Factors -- 1.3 Grain Store Monitoring -- 1.4 Results and Discussion -- 2 Conclusions -- References -- Justification of the Technology of Keeping Animals to Maintain the Microclimate -- 1 Introduction -- 1.1 Materials and Methods -- 1.2 Results and Discussion -- 2 Conclusions -- References.

Cattle Icare Monitoring System (CIMS): Remote Monitoring of CATtle's Heart Rate, Temperature, and Daily Steps with Smart Sprinkler System -- 1 Introduction -- 2 Materials and Methods -- 3 Project Design and Development -- 4 Data Analysis and Interpretation of Results -- 5 Conclusions -- References -- Identification of the Distribution of the Viral Potato Infections -- 1 Introduction -- 2 Materials and Methods -- 3 Results and Discussion -- 4 Conclusion -- References -- Smart Irrigation System for Farm Application Using LoRa Technology -- 1 Introduction -- 2 Literature Survey -- 3 System Design -- 3.1 LoRa Sensor Node -- 3.2 LoRaWAN Gateway -- 4 Results and Discussion -- 4.1 Communication Range Test -- 4.2 RSSI Measurement -- 4.3 Environmental Monitoring Test -- 4.4 Web Interface -- 5 Conclusion -- References -- The Effect of Illumination on the Productivity of Dairy Cattle -- 1 Introduction -- 1.1 Materials and Methods -- 1.2 Results and Discussion -- 2 Conclusions -- References -- Improvement of Technological Process of Growing Hydroponic Green Fodder Triticale (*Triticosecale* Wittm.) in Indoor Farming Using Light Emitting Diodes -- 1 Introduction -- 2 Materials and Methods -- 3 Results and Discussion -- 4 Conclusion -- References -- Design of a Device with a Thermoelectric Module for Transporting Milk -- 1 Materials and Method -- 2 Results and Discussion -- 3 Conclusion -- References -- Energy-Efficient AI Models for 6G Base Station -- 1 Introduction -- 2 Related Work -- 3 Some A.I. Models for Communication -- 3.1 Traditional A.I. Methods -- 3.2 Development of Deep Learning Models -- 3.3 Future Perspective Learning Methods -- 4 Some Proposed A.I. Models for Intelligent Base Stations -- 4.1 Energy-Efficient Base Station -- 4.2 Research Works for 6G Communication -- 4.3 Base Station Deployment -- 4.4 Work State Scheduling.

4.5 General Power Control of Base Station -- 4.6 Green Energy Base Station -- 5 Conclusion -- References -- II Green IT, IoTs and Data Analytics -- Model-Based Design of User Story Using Named Entity Recognition (NER) -- 1 Introduction -- 2 Related Work -- 2.1 Natural Language Processing for User Story -- 2.2 Named Entity Recognition -- 2.3 SpaCy -- 3 Methodology -- 3.1 Proposed Model-Based -- 3.2 Model-Based NER with Spacy -- 3.3 Main Results -- 4 Conclusion and Outlook -- References -- Intrinsic and Extrinsic Evaluation of Sentiment-Specific Word Embeddings -- 1 Introduction -- 2 Related Works -- 3 Methodology -- 3.1 Dataset Development -- 3.2 Sentiment-Specific Word Embedding Model Training -- 3.3 Intrinsic Evaluation & Best Embedding Model Selection -- 3.4 Feature Extraction -- 3.5 Extrinsic Evaluation -- 4 Experiments -- 5 Results -- 6 Conclusion -- References -- Movie Recommender System: Addressing Scalability and Cold Start Problems -- 1 Introduction -- 2 Literature Review -- 3 Working Principle -- 3.1 Matrix Factorization -- 3.2 Content-Based Filtering -- 4 Dataset -- 5 Methodology -- 5.1

Approach 1 (Considering Linear Dependency) -- 5.2 Approach 2 (Considering Non Linear Dependency) -- 5.3 Cosine Similarity -- 6 Results and Discussion -- 7 Conclusion and Future Works -- References -- E-waste Management and Recycling Model for Dhaka with Collection Strategy Application: A More Effective and Sustainable Approach -- 1 Introduction -- 2 Literature Review -- 3 Materials and Methods -- 3.1 Data Collection Plan -- 3.2 Research Process -- 3.3 Data Analysis -- 4 Results and Discussion -- 4.1 Recycling Procedure -- 4.2 E-Waste Management -- 4.3 Analysis and Comparison Current and Proposed Model -- 4.4 Waste Collection -- 4.5 Interface of Application -- 5 Conclusion -- References.

CoBertTC: Covid-19 Text Classification Using Transformer-Based Language Models -- 1 Introduction -- 2 Related Work -- 3 Methodology -- 3.1 Transformer-Based Language Model Fine-Tuning -- 3.2 Transformer-Based Language Model Inference -- 3.3 Best-Performed Model Selection -- 4 Experiments and Results -- 4.1 Results -- 5 Conclusion -- References -- Glaucoma Detection Using CNN and Study on Class Imbalance Problem -- 1 Introduction -- 2 Literature Review -- 3 Dataset Description -- 4 Methodology Description -- 4.1 Data Augmentation -- 4.2 Generative Adversarial Network (GAN) -- 5 Proposed Workflow -- 6 Results and Discussion -- 6.1 ACRIMA -- 6.2 Imbalanced Dataset -- 6.3 Balanced Dataset After Using Augmentation 1 -- 6.4 Balanced Dataset After Using GAN -- 7 Conclusion -- References -- Identification of Deceptive Clickbait Youtube Videos Using Multimodal Features -- 1 Introduction -- 2 Related Work -- 3 Dataset Development Processes -- 4 Clickbait Identification Techniques -- 5 Results -- 5.1 Comparisons with Baselines -- 6 Conclusion -- References -- Perception and Knowledge of South African Creatives with Regards to Crypto Art, NFTs, and Crypto Art Platforms -- 1 Introduction -- 2 Methodology -- 3 Findings -- 3.1 Knowledge About Crypto Art, NFTs, and Crypto Art Platforms -- 3.2 Use of Crypto Art Platforms -- 3.3 Crypto Art Comprehension and Perception -- 3.4 NFT Comprehension and Perception -- 3.5 Crypto Art Platform Comprehension and Perception -- 4 Conclusion -- References -- Automated Bone Age Assessment Using Deep Learning with Attention Module -- 1 Introduction -- 2 Related Work -- 3 Methodology -- 3.1 InceptionV3 -- 3.2 Attention Module -- 3.3 Regression Module -- 4 Result and Observation -- 4.1 Dataset -- 4.2 Experiment Setting -- 4.3 Result -- 5 Conclusion -- References.

Green Banking Through Blockchain-Based Application for Secure Transactions -- 1 Introduction -- 2 Literature Review -- 3 Methodology -- 3.1 Implementation Details -- 4 Software Architecture and Design -- 4.1 Data Flow Diagram (DFD) -- 4.2 Algorithm -- 5 Results and Analysis -- 5.1 Energy Consumption Analysis Proof-of-Stake Ethereum -- 5.2 Proof-of-Stake Energy -- 5.3 A Greener Ethereum -- 5.4 Evidence of Stake Secured -- 6 Discussion -- 7 Conclusion -- References -- Application of Decision Tree Algorithm for the Classification Problem in Bank Telemarketing -- 1 Introduction -- 2 Literature Review -- 3 The Decision Tree with Gini Index -- 4 Dataset and Methodology -- 4.1 Dataset -- 4.2 Methodology -- 5 Results and Discussion -- 6 Conclusion -- References -- Robust Feature Extraction Technique for Hand Gesture Recognition System -- 1 Introduction -- 2 Literature Survey -- 3 Dataset -- 4 Methodology -- 4.1 Singular Value Decomposition (SVD) -- 4.2 Canny Edge Detection -- 4.3 Autoencoder -- 5 Machine Learning Algorithm -- 5.1 K-Nearest Neighbor -- 5.2 Naive Bayes Classifier -- 5.3 Support Vector Machine -- 6 Results and Discussion -- 7 Conclusion -- References -- Adaptive Instance Object Style Transfer -- 1 Introduction -- 2 Proposed Scheme

-- 3 Experimental Results -- 4 Conclusion -- References -- Case Study: A Review of Cybersecurity Policies and Challenges in Indonesia -- 1 Introduction -- 2 Condition of Cybersecurity in Indonesia -- 3 Challenges and Opportunities -- 4 Conclusion -- References -- Lowering and Analyzing the Power Consumption of Smartphones -- 1 Introduction -- 2 Related Work -- 3 Materials and Methods -- 3.1 Sampling -- 3.2 Experimental Setup -- 4 Implementation and Experimental Result Analysis -- 4.1 Delay Tolerant -- 4.2 Transmission for Minimize Power -- 4.3 Result Analysis -- 4.4 Result Evaluaton -- 5 Conclusion -- References. Comparison for Handwritten Character Recognition and Handwritten Text Recognition and Tesseract Tool on IJAZAh's Handwriting.
