1. Record Nr. UNINA9910886100503321

Autore	Saeed Khalid
Titolo	Computer Information Systems and Industrial Management : 23rd International Conference, CISIM 2024, Bialystok, Poland, September 27–29, 2024, Proceedings / / edited by Khalid Saeed, Jií Dvorský
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-71115-7
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (468 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14902
Altri autori (Persone)	DvorskýJií
Disciplina	005.3
Soggetti	Information technology - Management Artificial intelligence Computer networks Computers Software engineering Data structures (Computer science) Information theory Computer Application in Administrative Data Processing Artificial Intelligence Computer Communication Networks Computing Milieux Software Engineering Data Structures and Information Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Biometrics and Pattern Recognition Applications. -- A review of image thinning algorithms. -- Proposal of Online Handwritten Signature Authentication Using Minutiae Matching for Kanji Characters. -- Application of Mixture Density Network for sample generation in behavioral biometrics. -- Computer Information Systems and Security. -- Using Game Theory to Secure Smart Contracts in Blockchain. -- Towards Medical Record Keeping with Blockchain, RSA-Encrypted NFTs, and Smart Contracts. -- A New Method “ProjectionP” for Table Structure Recognition. -- Disaster Recovery Plans in data systems: An

overview of trends and future guidelines. -- Industrial Management and other Applications. -- Developing Comfort Monitoring Prototype using IoT and Cloud Computing. -- Application of Business Intelligence to Analysis of Factors for the Prevention of Non-Communicable Diseases. -- Texture and shape-based Segmentation of coffee beans images. -- A Feedback Method Adjusting Music Volume based on User's Task Performance on Calculation. -- Voice long distance transmission using audio codec for low-performance microcontrollers and LoRa communication for use in IoT. -- Revolutionizing Organic Product Traceability: Utilizing Smart Contracts, NFT, IPFS and Distributed Ledgers for Transparent Organic Products Supply Chains. -- Challenges in Health Information Systems: health data management and access for life sciences research. -- Machine Learning and Artificial Neural Networks. -- Early Predicting Congenital Fetus Malformations Based on Decision Trees Algorithm. -- Machine Learning Based Approach for Crime Analysis in India with An Emphasis on Women Safety. -- Usability of cGAN for Partial Discharge Detection in Covered Conductors. -- High-quality facial feature occlusion repair based on SGANs. -- Entity Annotation with Wikipedia Using Neural Networks. -- Modelling and Optimization. -- Incorporating User Experience (UX) Insights and Customer Value Considerations for Successful Vision-Driven Product Development. -- Leveraging Global Suicide Statistics for Insightful Prevention Strategies: A Comprehensive Analysis. -- MOO-Points – Distance-based Method for Multi-objective Optimization in the Imbalanced Data Classification Task. -- Investigation of performance and energy consumption of tokenization algorithms on multi-core CPUs under power capping. -- Interactive Evolutionary Computation Improving Voice Impressions with Keeping Speaker Personality for Realtime Speech. -- Balanced State Splitting of Finite State Machines for FPGA Implementations of Control Units. -- Towards Explaining the Spectrogram of Graph Spectral Clustering in Text Document Domain. -- Usage of Real-World Maps for 3D Mobile Games – Transformations and Optimizations. -- Models and methods in crisis management connected with food-borne disease outbrea. -- Optimisation of Battery Energy Storage Systems Capacity for Purpose to Reduce Energy Cost. -- Mathematical modelling for automatic cell contractions detection and their directions in artificially grown human cardiomyocytes. -- Subjective Impression Perceived from Agent that Can Recognize Discrepancy in Visual Perception of Situation.

Sommario/riassunto

This book constitutes the proceedings of the 23rd International Conference on Computer Information Systems and Industrial Management, CISIM 2024, held in Bialystok, Poland, during September 27-29, 2024. The 31 full papers presented were carefully reviewed and selected from 47 submissions. These papers focus on biometrics and pattern recognition applications; computer information systems and security; industrial management and other applications; machine learning and artificial neural networks; modelling and optimization.