

1. Record Nr.	UNINA9910744509903321
Autore	Saeed Khalid
Titolo	Computer Information Systems and Industrial Management : 22nd International Conference, CISIM 2023, Tokyo, Japan, September 22–24, 2023, Proceedings / / edited by Khalid Saeed, Jiří Dvorský, Nobuyuki Nishiuchi, Makoto Fukumoto
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	9783031428234 3031428234
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (521 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14164
Altri autori (Persone)	DvorskyJiri NishiuchiNobuyuki FukumotoMakoto
Disciplina	658.500285
Soggetti	Information technology - Management Artificial intelligence Computer engineering Computer networks Computers Software engineering Data structures (Computer science) Information theory Computer Application in Administrative Data Processing Artificial Intelligence Computer Engineering and 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 -- Proposal of Earprint Authentication System Considering Pressing Force -- Performance Improvement of Person Verification Using Evoked EEG by Imperceptible

Vibratory Stimulation -- Biometric gait analysis using wrist-mounted wearable sensors -- Finger minutiae extraction based on the use of YOLO-V5 -- Computer Information Systems and Security -- Towards a Blockchain, smart contract, and NFT based medical waste classification system: a case study in Vietnam -- Towards a Blockchain, smart contract, and NFT based waste treatment system for developing countries: a case study in Vietnam -- A new file format for binarized images -- A new approach to the architecture of hybrid and multilayer steganographic methods -- A Game-based Approach for Mitigating the Sybil Attacks on Blockchain Applications -- Industrial Management and other Applications -- Dynamic Adaptive Capacity of metalworking companies in Barranquilla – Colombia: analysis from the export process in the 4.0 era -- An Ecological Unmanned Hot-Air Balloon for the Agricultural Lands' Inspection -- SE-Coins System: Software for Supporting Gamification-based Educational Processes -- The Effects Of Buyer-Supplier Collaboration On Supply Chain Performance: A Study In The Brazilian Electronics Sector -- Relationship between degree of appropriation of ICT and learning styles of teachers in training -- Efficacy of Flipped Learning in Engineering Education of India -- Hybrid Recommender System Model for Tourism Industry Competitiveness Increment -- Machine Learning and Artificial Neural Networks -- Insect detection on high-resolution images using Deep Learning -- Grading diabetic retinopathy using transfer learning-based convolutional neural networks -- Evaluating techniques based on supervised learning methods in Casas Kyoto dataset for Human Activity Recognition -- A Novel Self-Supervised Representation Learning Model for an Open-set Speaker Recognition -- How to boost Machine Learning Network Intrusion Detection Performance with Encoding Schemes -- Neural Networks and Saliency Maps in Diabetic Retinopathy Diagnosis -- Towards Rough Set Theory for Outliers Detection in Questionnaire Data -- Modelling and Optimization -- Optimization of Bread Production using Neuro-Fuzzy Modelling -- Applications of graph topology in manufacturing of anti cancer drugs -- An Approach Toward Congestion Management for Improved Emergency Vehicle Management in Intelligent Urban Traffic Network -- Proposal of an algorithm for solving the component assignment problem of an adjacent triangle-(m, n):F triangular lattice system -- Music Recommender System Considering the Variations in Music Selection Criterion Using an Interactive Genetic Algorithm -- Fault detection of Moore finite state machines by structural models -- Investigation of Subjective Impression Perceived from Agent that Expresses Multiple Opinions Simultaneously -- ICBAKE 2023 Workshop -- Wellbeing and Affective Engineering -- Facial Expression Estimation Using Convolutional Neural Network with Upper and Lower Segmented Face Images -- Two-Step Classification Method for Sadness and Fear Facial Expression Classification Using Facial Feature Points and FACS -- Positiveness calculation of Japanese POPS using music features extracted from acoustic data -- Machine Learning Using Biometric Data and Kansai Data -- Classification of Programming Logic Understanding Level using Mouse Tracking Heatmaps and Machine Learning Techniques -- Investigating the Use of Machine Learning Methods for Levels of Sense of Presence Classification based on Eye Tracking Data -- Personalized Beverage Blending System Using Interactive Genetic Algorithm and its Search Analysis.

Sommario/riassunto

This book constitutes the proceedings of the 22nd International Conference on Computer Information Systems and Industrial Management, CISIM 2023, held in Tokio, Japan, during September 22-24, 2023. The 36 papers presented in this book were carefully reviewed

and selected from 77 submissions. They were organized in topical sections as follows: biometrics and pattern recognition applications; computer information systems and security; industrial management and other applications; machine learning and artificial neural networks; modelling and optimization; wellbeing and affective engineering; and machine learning using biometric data and kansei data.
