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Titolo	Artificial Intelligence and Sustainable Computing : Proceedings of ICSISCET 2021 / / edited by Manjaree Pandit, M. K. Gaur, Prashant Singh Rana, Akhilesh Tiwari
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Descrizione fisica	1 online resource (757 pages)
Collana	Algorithms for Intelligent Systems, , 2524-7573
Disciplina	006.3
Soggetti	Computational intelligence Embedded computer systems Internet of things Machine learning Computational Intelligence Embedded Systems Internet of Things Machine Learning
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Demand based Land Suitability Prediction Model for Sustainable Agriculture -- Power Generation Forecasting of Wind Farms using Machine Learning Algorithms -- Music Recommendation System Based on Emotion Detection -- Service Analytics on ITSM Processes using Time Series -- Comparative Analysis of Color-based Segmentation Methods Used for Smartphone Camera Captured Fingerphotos -- Prediction of Heart Disease through KNN, Random Forest and Decision Tree Classifier using K-Fold Cross Validation -- Distance Matrix Generation for Dynamic Vehicle Routing Optimization in Transport Fleets Management -- Enhancing Weighted Support Vector Machine for Noise Classification -- Optimized Hysteresis Region Authenticated Handover for 5G HetNets -- Performance Improvement of CTNR Protocol in Wireless Sensor Network Using Machine Learning.
Sommario/riassunto	This book presents high-quality research papers presented at 3rd International Conference on Sustainable and Innovative Solutions for

Current Challenges in Engineering and Technology (ICSISCET 2021) held at Madhav Institute of Technology & Science (MITS), Gwalior, India, from November 13–14, 2021. The book extensively covers recent research in artificial intelligence (AI) that knits together nature-inspired algorithms, evolutionary computing, fuzzy systems, computational intelligence, machine learning, deep learning, etc., which is very useful while dealing with real problems due to their model-free structure, learning ability, and flexible approach. These techniques mimic human thinking and decision-making abilities to produce systems that are intelligent, efficient, cost-effective, and fast. The book provides a friendly and informative treatment of the topics which makes this book an ideal reference for both beginners and experienced researchers.