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Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 13651
Disciplina	006.3
Soggetti	Artificial intelligence Education - Data processing Computer engineering Computer networks Social sciences - Data processing Artificial Intelligence Computers and Education Computer Engineering and Networks Computer Application in Social and Behavioral Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Computing Nash Equilibrium among Crops in Real World Agriculture Domain -- Evolutionary Feature Weighting Optimization and Majority Voting Ensemble Learning for Curriculum Recommendation in the Higher Education -- Fuzzy Soft Relations-Based Rough Soft Sets Classified by Overlaps of Successor Classes with Measurement Issues -- Helmet Detection System for Motorcycle Riders with Explainable Artificial Intelligence Using Convolutional Neural Network and Grad-CAM -- Hierarchical Human Activity Recognition based on Smartwatch Sensors using Branch Convolutional Neural Networks -- Improving Predictive Model to Prevent Students' Dropout in Higher Education Using Majority Voting and Data Mining Techniques -- LCIM: Mining Low Cost High Utility Itemsets -- MaxFEM: Mining Maximal Frequent

Episodes in Complex Event Sequences -- Method for Image-based Preliminary Assessment of Car Park for the Disabled and the Elderly using Convolutional Neural Networks and Transfer Learning -- Multi-resolution CNN for Lower Limb Movement Recognition based on Wearable Sensors -- News Feed: A Multiagent-based Push Notification System -- News Feed: A Multiagent-based Push Notification System -- Recognizing Driver Activities using Deep Learning Approaches based on Smartphone Sensors -- Sentence-Level Sentiment Analysis for Student Feedback Relevant to Teaching Process Assessment -- Sentiment Analysis of Local Tourism in Thailand from YouTube Comments by using BiLSTM -- Stable Coalitions of Buyers in Real World Agriculture Domain -- The Analysis of Explainable AI via Notion of Congruence -- Using Ensemble Machine Learning Methods to Forecast Particulate Matter (PM2.5) in Bangkok, Thailand -- Wearable Fall Detection Based on Motion Signals using Hybrid Deep Residual Neural Network.

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#### Sommario/riassunto

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This book constitutes the refereed proceedings of the 15th International Conference on Multi-disciplinary Trends in Artificial Intelligence, MIWAI 2022, held online on November 17–19, 2022. The 14 full papers and 5 short papers presented were carefully reviewed and selected from 42 submissions. .

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