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Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 13612
Disciplina	006.3
Soggetti	Artificial intelligence Artificial Intelligence Intel·ligència computacional Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Natural Language Processing -- Urdu Named Entity Recognition with Attention Bi-LSTM-CRF Model -- Impact Evaluation of Multimodal Information on Sentiment Analysis -- Improving Neural Machine Translation for Low Resource Languages using Mixed Training: The Case of Ethiopian Languages -- Machine translation of texts from languages with low digital resources: a systematic review -- Comparison between SVM and DistilBERT for multi-label text classification of scientific papers aligned with sustainable development goals -- A hybrid methodology based on CRISP-DM and TDSP for the execution of preprocessing tasks in Mexican environmental laws -- News Intention Study and Automatic Estimation of its Impact -- Evaluation of a New Representation for Noise Reduction in Distant Supervision -- Automatic identification of suicidal ideation in texts using cascade classifiers -- Web crawler and classifier for news articles -- Sentiment Analysis in the Rest-Mex challenge -- A bibliometric review of methods and algorithms for generating corpora for learning vector word embeddings -- Evaluating The Impact of OCR Quality on

Short Text Classification Task -- Techniques for generating language learning resources a system for generating exercises for the differentiation of literal and metaphorical context -- Exploratory Data Analysis for the Automatic Detection of Question Paraphrasing in Collaborative Environments -- Diachronic Neural Network Predictor of Word Animacy -- Sequential Models for Sentiment Analysis: A Comparative Study -- Intelligent Applications and Robotics -- Analysis of Procedural Generated Textures for Video Games using a CycleGAN -- Vibration Analysis of an Industrial Motor with Autoencoder for Predictive Maintenance -- Modeling and simulation of swarm of foraging robots for collecting resources using RAOI behavior policies -- Data-driven adaptive force control for a novel soft-robot based on ultrasonic atomization -- Data-driven-modelling and control for a class of discrete-time robotic system using an adaptive tuning for Pseudo Jacobian Matrix algorithm -- Retrieval-based Statistical Chatbot in a Scientometric domain -- Red Light/Green Light: a lightweight algorithm for, possibly fraudulent, online behavior change detection -- Machine Learning Model of Digital Transformation Index for Mexican Households -- Credit Risk Models in the Mexican Context Using Machine Learning -- Ventilator Pressure Prediction Using a Regularized Regression Model -- An Intelligent Human Activity Recognizer for Visually Impaired People using Deep Learning Technique -- Takagi-Sugeno Type Neuro Fuzzy System Model based Fault Diagnostic in Photovoltaic System.

Sommario/riassunto

The two-volume set LNAI 13612 and 13613 constitutes the proceedings of the 21st Mexican International Conference on Artificial Intelligence, MICA 2022, held in Monterrey, Mexico, in October 2022. The total of 63 papers presented in these two volumes was carefully reviewed and selected from 137 submissions. The first volume, Advances in Computational Intelligence, contains 34 papers structured into three sections: Machine and Deep Learning Image Processing and Pattern Recognition Evolutionary and Metaheuristic Algorithms The second volume contains 29 papers structured into two sections: Natural Language Processing Intelligent Applications and Robotics.
