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Descrizione fisica	1 online resource (xii, 217 pages) : illustrations
Collana	Communications in Computer and Information Science, , 1865-0929 ; ; 1144
Disciplina	006.4
Soggetti	Artificial intelligence Computers Optical data processing Computer communication systems Special purpose computers Education—Data processing Artificial Intelligence Information Systems and Communication Service Image Processing and Computer Vision Computer Communication Networks Special Purpose and Application-Based Systems Computers and Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Room-Level Indoor Localization with Artificial Neural Networks -- A Simple Authentication Method with Multilayer Feedforward Neural Network Using Keystroke Dynamics -- A Comparative Study of ANN Tuning Methods for Multiclass Daily Activity and Fall Recognition -- Exploring Model Transfer Potential for Airborne LiDAR Point Cloud Classification -- Haralick Feature Guided Network for the Improvement of Generalization in Landcover Classification -- Determining Location and Detecting Changes Using a Single Training Video -- Improving

Deep Learning Parkinson's Disease Detection Through Data Augmentation Training -- Human Action Recognition Using Stereo Trajectories -- Deep Convolutional Neural Network with 2D Spectral Energy Maps for Fault Diagnosis of Gearboxes under Variable Speed -- Bayesian Convolutional Neural Network: Robustly Quantify Uncertainty for Misclassifications Detection -- Particle Filter for Trajectories of Movers from Laser Scanned Dataset -- Video Steganography using 3D Convolutional Neural Networks -- DeepRank: Adapting Neural Tensor Networks for Ranking the Recommendations -- An Intelligent Context Aware Recommender System For Real-Estate -- Integration of fuzzy clustering into the Case Base Reasoning for the prediction of response to immunotherapy treatment -- Music Generation using an Interactive Evolutionary Algorithm.

Sommario/riassunto

This book constitutes the refereed proceedings of the Third Mediterranean Conference on Pattern Recognition and Artificial Intelligence, MedPRAI 2019, held in Istanbul, Turkey, in December 2019. The 18 revised full papers and one short paper presented were carefully selected from 54 submissions. The papers are covering the topics of recent advancements in different areas of pattern recognition and artificial intelligence, such as statistical, structural and syntactic pattern recognition, machine learning, data mining, neural networks, computer vision, multimedia systems, information retrieval, etc.
