1. Record Nr. UNINA9910484883403321

Titolo Advances in Computational Intelligence Techniques / / edited by Shruti Jain, Meenakshi Sood, Sudip Paul

Pubbl/distr/stampa Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020

ISBN 981-15-2620-6

Edizione [1st ed. 2020.]

Descrizione fisica 1 online resource (xiv, 266 pages) : illustrations

Collana Algorithms for Intelligent Systems, , 2524-7565

Disciplina 006.3

Soggetti Computational intelligence
Machine learning
Artificial intelligence
Computer logic
Computational Intelligence
Machine Learning
Logic in AI

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Nota di contenuto Accent Classification of the Three Major Nigerian Indigenous Languages Using 1D CNN LSTM Network Model -- Automatic Glaucoma Diagnosis in Digital Fundus images using Deep CNNs -- Deep Learning based Diabetic Retinopathy Prediction of Colored Fundus Images with Parameter Tuning -- Fractal Analysis of Heart Dynamics during Attention Task -- Assessment of Health Care Techniques in IoT -- English Numerals Recognition System using Novel Curve Coding -- Clustering and Employability Profiling of Engineering Students -- Universal Approach for Detection of Spot Diseases in Plants -- Stereo Camera and LIDAR Sensor Fusion based Collision Warning System for Autonomous Vehicles.

Sommario/riassunto This book highlights recent advances in computational intelligence for signal processing, computing, imaging, artificial intelligence, and their applications. It offers support for researchers involved in designing decision support systems to promote the societal acceptance of ambient intelligence, and presents the latest research on diverse topics in intelligence technologies with the goal of advancing knowledge and

applications in this rapidly evolving field. As such, it offers a valuable resource for researchers, developers and educators whose work involves recent advances and emerging technologies in computational intelligence.