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| 1. Record Nr.           | UNINA9910765485803321   |
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| Titolo                  | Applications of Computational Intelligence : 6th IEEE Colombian Conference, ColCACI 2023, Bogota, Colombia, July 26-28, 2023, Revised Selected Papers // edited by Alvaro David Orjuela-Cañón, Jesus A Lopez, Julián David Arias-Londoño  |
| Pubbl/distr/stampa      | Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024   |
| ISBN                    | 9783031484155<br>3031484150   |
| Edizione                | [1st ed. 2024.]   |
| Descrizione fisica      | 1 online resource (176 pages)   |
| Collana                 | Communications in Computer and Information Science, , 1865-0937 ; ; 1865  |
| Altri autori (Persone)  | LopezJesus A<br>Arias-LondonoJulian David   |
| Disciplina              | 006.3   |
| Soggetti                | Artificial intelligence<br>Computer science - Mathematics<br>Computers, Special purpose<br>Algorithms<br>Education - Data processing<br>Artificial Intelligence<br>Mathematics of Computing<br>Special Purpose and Application-Based Systems<br>Design and Analysis of Algorithms<br>Computers and Education<br>Intel·ligència artificial<br>Algorismes<br>Tecnologia educativa<br>Processament de dades<br>Congressos<br>Llibres electrònics |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Nota di contenuto       | Biomedical Applications -- A Transfer Learning Scheme for COVID-19  |

Diagnosis from Chest X-Ray Images using Gradient-weighted Class Activation Mapping -- On the Comparison of Multilayer Perceptron and Extreme Learning Machine for Pedaling Recognition using EEG -- Self-supervised deep-learning segmentation of corneal endothelium specular microscopy images -- Tuberculosis Drug Discovery Estimation Process by Using Machine and Deep Learning Models -- Biological Applications -- A Robust Hybrid Control Approach tuned by PSO for Long-Time Delay Nonlinear Chemical Processes -- Feature selection of the spectral signature of cocoa bean based on visible and near-infrared spectroscopy for cadmium estimation -- On the use of Deep Learning Models for Automatic Animal Classification of Native Species in the Amazon -- Engineering Applications -- Intra-day Electricity Price Forecasting Based on a Time2Vec-LSTM Model -- Radio Frequency Pattern Matching – Subscriber Location in 5G Networks -- Robotic Arm based on Artificial Intelligence for Learning Braille as an Inclusive Tool in Educational Environments -- Spatial shrinkage prior: A probabilistic approach to model for categorical variables with many levels. .

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 6th IEEE Colombian Conference on Applications of Computational Intelligence, ColCACI 2023, held in Bogota, Colombia during July 2023. A total of 11 full papers were carefully reviewed and selected from 42 submissions. They were organized in topical sections as follows: Biomedical Applications, Biological Applications, Engineering Applications. .

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