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| Edizione                | [1st ed. 2022.]  |
| Descrizione fisica      | 1 online resource (373 pages)  |
| Collana                 | Algorithms for Intelligent Systems, , 2524-7573  |
| Disciplina              | 006.3  |
| Soggetti                | Computational intelligence<br>Artificial intelligence<br>Internet of things<br>Algorithms<br>Computational Intelligence<br>Artificial Intelligence<br>Internet of Things   |
| Lingua di pubblicazione | Inglese  |
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| Livello bibliografico   | Monografia   |
| Nota di contenuto       | Missing Data Imputation for Solar Radiation using Generative Adversarial Networks -- A Survey on Object Detection and Tracking in a Video Sequence -- Story-Plot Recommender using Bidirectional LSTM network -- A Novel Technique for Fake Signature Detection using Two-Tiered Transfer Learning -- Personality Prediction through Handwriting Analysis using Convolutional Neural Networks -- A review on deep learning framework for Alzheimer Disease detection from MRI -- Machine Learning And IoT Based Ultrasonic Humidification Control System For Longevity Of Fruits And Vegetables -- Classification of Melanoma using Efficient Nets with Multiple Ensembles and Metadata -- Performance of Optimization Algorithms in Attention based Deep Learning Model for Fake News Detection System. |
| Sommario/riassunto      | The book presents high quality research papers presented at International Conference on Computational Intelligence (ICCI 2020) held at Indian Institute of Information Technology, Pune, India during  |

12–13 December, 2020. The topics covered are artificial intelligence, neural network, deep learning techniques, fuzzy theory and systems, rough sets, self-organizing maps, machine learning, chaotic systems, multi-agent systems, computational optimization ensemble classifiers, reinforcement learning, decision trees, support vector machines, hybrid learning, statistical learning. metaheuristics algorithms: evolutionary and swarm-based algorithms like genetic algorithms, genetic programming, differential evolution, particle swarm optimization, whale optimization, spider monkey optimization, firefly algorithm, memetic algorithms. And also machine vision, Internet of Things, image processing, image segmentation, data clustering, sentiment analysis, big data, computer networks, signal processing, supply chain management, web and text mining, distributed systems, bioinformatics, embedded systems, expert system, forecasting, pattern recognition, planning and scheduling, time series analysis, human-computer interaction, web mining, natural language processing, multimedia systems, and quantum computing.

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