1. Record Nr. UNINA9910484076003321

Titolo	Intelligent Computing and Optimization : Proceedings of the 3rd International Conference on Intelligent Computing and Optimization 2020 (ICO 2020) / / edited by Pandian Vasant, Ivan Zelinka, Gerhard-Wilhelm Weber
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-68154-8
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (1,341 pages) : illustrations
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 1324
Disciplina	016.403
Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Part 1: Sustainable Clean Energy System -- Chapter 1. Adaptive Neuro-Fuzzy Inference based Modelling of Wind Energy Harvesting System for Remote Areas -- Chapter 2. Features of Distributed Energy Integration in Agriculture -- Chapter 3. Concept of Multi-Contact Switching System -- Part 2: Sustainable Optimization, Metaheuristics and Computing for Expert System -- Chapter 4. The Results of a Compromise Solution which were Obtained on the Basis of The Method of Uncertain Lagrange Multipliers to Determine the Influence of Design Factors of the Elastic-Damping Mechanism in the Tractor Transmission -- Chapter 5. Multiobjective Lévy-Flight Firefly Algorithm for Multiobjective Optimization -- Chapter 6. Cooperative FPA-ATS Algorithm for Global Optimization -- Part 3: Advances in Algorithms, Modeling and Simulation for Intelligent Systems -- Chapter 7. Modeling and simulation of rectangular sheet membrane using computational fluid dynamics (CFD) -- Chapter 8. End to End Supply Chain Costs Optimization Based on Material Touches Reduction -- Chapter 9. Computer Modeling Selection of Optimal Width of Rod Grip Header to the Combine Harvester -- Part 4: Application of Machine Learning and

Artificial Intelligence Technology -- Chapter 10. Gender Classification from Inertial Sensor-Based Gait Dataset -- Chapter 11. Lévy-Flight Intensified Current Search for Multimodal Function Minimization -- Chapter 12. Cancer Cell Segmentation Based on Unsupervised Clustering and Deep Learning -- Part 5: Holistic IoT, Deep Learning and Information Technology -- Chapter 13. Mosquito Classication using Covolutional Neural Network with Data Augmentation -- Chapter 14. Recommendation System for E-commerce using Alternating Least Squares (ALS) on Apache Spark -- Chapter 15. An Interactive Computer System with Gesture-Based Mouse and Keyboard -- Part 6: Advances in Engineering and Technology -- Chapter 16. Floor-mounted Heating of Piglets with the Use of Thermoelectricity.-Chapter 17. The Rationale for Using Improved Flame Cultivator for Weed Control -- Chapter 18. The lighting plan: from a sector-specific urbanistic instrument to an opportunity of enhancement.

Sommario/riassunto

Third edition of International Conference on Intelligent Computing and Optimization and as a premium fruit, this book, pursue to gather research leaders, experts and scientists on Intelligent Computing and Optimization to share knowledge, experience and current research achievements. Conference and book provide a unique opportunity for the global community to interact and share novel research results, explorations and innovations among colleagues and friends. This book is published by SPRINGER, Advances in Intelligent Systems and Computing. Ca. 100 authors submitted full papers to ICO’2020. That global representation demonstrates the growing interest of the research community here. The book covers innovative and creative research on sustainability, smart cities, meta-heuristics optimization, cyber-security, block chain, big data analytics, IoTs, renewable energy, artificial intelligence, Industry 4.0, modeling and simulation. We editors thankall authors and reviewers for their important service. Best high-quality papers have been selected by the International PC for our premium series with SPRINGER. .