

1. Record Nr.	UNINA9910484582403321
Titolo	Proceedings of international conference on intelligent computing, information and control systems : ICICCS 2020 // A. Pasumpon Pandian, Ram Palanisamy and Klimis Ntalianis (Editors)
Pubbl/distr/stampa	Gateway East, Singapore : , : Springer, , [2021] Â©2021
ISBN	981-15-8443-5
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XXII, 992 p. 550 illus., 402 illus. in color.)
Collana	Advances in Intelligent Systems and Computing, , 2194-5357 ; ; 1272
Disciplina	006.31
Soggetti	Artificial intelligence Machine learning Big data
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Neural Networks Applied to Irrigation Control using Instrumentation and Image Analysis for a Micro-Greenhouse -- Proactive Handoff of Secondary User in Cognitive Radio Network using Machine Learning Techniques -- Inter - Device Language Translation Application for Smartphones -- Real-time Numerical Gesture Recognition using MPU9250 Motion Sensor -- Extraction and Classification of Forest Fire Image Characteristics -- Development of DWT-SVD based Digital Image Watermarking for Multi-Level Decomposition -- Stability of Model that makes Automated Comparison between Market Demands and University Curricula Offer -- Economic Load Dispatch Using Intelligent Particle Swarm Optimization -- Companion: Detection of Social Isolation in Elderly -- Machine Learning Techniques to Determine the Polarity of Messages on Social Networks.
Sommario/riassunto	This book is a collection of papers presented at the International Conference on Intelligent Computing, Information and Control Systems (ICICCS 2020). It encompasses various research works that help to develop and advance the next-generation intelligent computing and control systems. The book integrates the computational intelligence and intelligent control systems to provide a powerful methodology for a

wide range of data analytics issues in industries and societal applications. The book also presents the new algorithms and methodologies for promoting advances in common intelligent computing and control methodologies including evolutionary computation, artificial life, virtual infrastructures, fuzzy logic, artificial immune systems, neural networks and various neuro-hybrid methodologies. This book is pragmatic for researchers, academicians and students dealing with mathematically intransigent problems.
