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Descrizione fisica	1 online resource (381 p.)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 334
Disciplina	338.06
Soggetti	Computational intelligence Artificial intelligence Control engineering Robotics Automation Computational Intelligence Artificial Intelligence Control, Robotics, Automation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Feature Subset Selection Approach by Gray-wolf Optimization -- Optimization of Wind Direction Distribution Parameters using Particle Swarm Optimization.-A Perspective of the Cellular Network of the Future: Cloud-RAN -- Extraction of Fetal ECG from Abdominal ECG and Heart Rate Variability Analysis -- Addition of Static Aspects to the Intuitive Mapping of UML Activity Diagram to CPN -- Flash Assisted Segmented Bloom Filter for Deduplication -- A Train Run Simulation with the Aid of the EMTP ATP Programs -- Comparative Assessment of Temperature Based ANN and Angstrom Type Models for Predicting Global Solar Radiation -- Position Control and Tracking of Ball and Plate System Using Fuzzy Sliding Mode Controller -- A Simulation of Project Completion Probability using Different Probability Distribution

Functions -- Dynamic simulation of T-Track: Under Moving Loads --
 Utilizing Text Similarity Measurement for Data Compression to Detect
 Plagiarism in Czech -- AJAX Speed Up vs. JSP in portal - Case Study --
 Intelligent Decision Support for Real Time Health Care Monitoring
 System -- An Efficient Segmentation Algorithm for Arabic Handwritten
 Characters Recognition System -- Graph Drawing Using Dimension
 Reduction Methods -- Design of a Single Stage Thermoelectric Power
 Generator Module with specific Application on the Automotive Industry
 -- Ethiopian Livestock Husbandry Cluster Identification Using FUZZY-
 AHP Approach -- Thermal Analysis, Design and Experimental
 Investigation of Parabolic Trough Solar Collector -- Performance
 Improvement by Scheduling Techniques: A Case of Leather Industry
 Development Institute -- Response Time Reduction in the Leather
 Products Manufacturing Industry Using Arena Simulation Method. Lead
 Time Prediction Using Simulation in Leather Shoe Manufacturing --
 Ensemble Neurocomputing Based Oil Price Prediction -- Internet of
 Things Communication Reference Model and Traffic Engineer System
 (TES) -- Modeling Cloud Computing Risk Assessment Using Machine
 Learning -- Adaptation of Turtle Graphics Method for Visualization of
 the Process Execution -- NFL Results Predictor as a Smart Mobile
 Application -- Security Issues of Mobile application using Cloud
 Computing -- SIFT-based Arabic Sign Language Recognition System --
 Stock Market Forecasting Using LASSO Linear Regression Model.

Sommario/riassunto

This volume contains accepted papers presented at AECIA2014, the
 First International Afro-European Conference for Industrial
 Advancement. The aim of AECIA was to bring together the foremost
 experts as well as excellent young researchers from Africa, Europe, and
 the rest of the world to disseminate latest results from various fields of
 engineering, information, and communication technologies. The first
 edition of AECIA was organized jointly by Addis Ababa Institute of
 Technology, Addis Ababa University, and VSB - Technical University of
 Ostrava, Czech Republic and took place in Ethiopia's capital, Addis
 Ababa.