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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	Frontmatter -- Preface -- Table of Contents -- Foreword -- Handwritten Script Identification from Text Lines -- A Rule based Approach for Noun Phrase Extraction from English Text Document -- Recommending Investors using Association Rule Mining for Crowd Funding Projects -- Colour Texture Classification Using Anisotropic Diffusion and Wavelet Transform -- Competitive Advantage of using Differential Evolution Algorithm for Software Effort Estimation -- Comparative Analysis of Cepstral analysis and Autocorrelation Method for Gender Classification -- A Simulative Study on Effects of Sensing Parameters on Cognitive Radio's Performance -- Analysis of Cyclotomic Fast Fourier Transform by Gate level Delay Method -- Dynamic Resource Allocation in Next Generation Networks using FARIMA Time Series Model -- Classification of Mimetic Spectral Signatures using Orthogonal Subspace Projection with Complex Wavelet Filter Bank based Dimensionality Reduction -- An Illumination Invariant Face Recognition Approach based on Fourier Spectrum -- Optimal Load Frequency Controller for a Deregulated Reheat Thermal Power System -- Design and Implementation of a Heuristic Approximation Algorithm for Multicast Routing in Optical Networks -- Infrastructure Management Services Toolkit -- A Novel Approach for Residential

Society Maintenance Problem for Better Human Life -- Smart Suspect Vehicle Surveillance System -- Formal Performance Analysis of Web Servers using an SMT Solver and a Web Framework -- Modified GCC Compiler Pass for Thread- Level Speculation by Modifying the Window Size using Openmp -- Overview and Evaluation of an IoT Product for Application Development -- A TCP in CR-MANET with Unstable Bandwidth -- Impact of Digital Ecosystem on Business Environment -- A Two-Factor Single Use Password Scheme -- Design & Implementation of Wireless System for Cochlear Devices -- Software Code Clone Detection and Removal using Program Dependence Graphs -- Social Sentimental Analytics using Big Data Tools -- Predicting Flight Delay using ANN with Multi-core Map Reduce Framework -- New Network Overlay Solution for Complete Networking Virtualization -- Review upon Distributed Facts Hard Drive Schemes throughout Wireless Sensor Communities -- Detection of Rapid Eye Movement Behaviour Sleep Disorder using Time and Frequency Analysis of EEG Signal Applied on C4-A1 Channel -- Analysis of PV/ WIND/ FUEL CELL Hybrid System Interconnected With Electrical Utility Grid -- Analysis of Wind Speed Prediction Technique by hybrid Weibull-ANN Model -- An efficient FPGA Implementation of DES and Triple-DES Encryption Systems -- A Novelty Comparison of Power with Assorted Parameters of a Horizontal Wind Axis Turbine for NACA 5512 -- Retaliation based Enhanced Weighted Clustering Algorithm for Mobile Ad-hoc Network (R-EWCA) -- Chest CT Scans Screening of COPD based Fuzzy Rule Classifier Approach -- Author Index

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#### Sommario/riassunto

Communication and Power Engineering are the proceedings of the joint International conferences organized by IDES in the year 2016. The aim of these conference proceedings is to bringing together the researchers, scientists, engineers, and scholar students in all areas of Computer Science, Power Engineering, Electrical & Electronics and provides an international forum for the dissemination of original research results, new ideas and practical development experiences, focused on both theory and practices. The conference deals with the frontier topics in the Computer Science, Electrical and Electronics Engineering subjects. The Institute of Doctors Engineers and Scientists - IDES is formed to promote, and organize technical research Meetings, Conference, Discussions, Seminars, Workshops, Study tours, Industry visits; and to publish professional Journals, Magazines and Newsletters; and to carry on research and development on the above fields; and to research, design, and develop products or materials and projects. There are total 35 research papers included in this book covering all the frontier topics in Computer Science, Electrical and Electronics Engineering subjects. The authors of each chapter are researchers from various universities.

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