

1. Record Nr.	UNINA9910814338603321
Titolo	Computation and communication technologies / / edited by Kumar T. Senthil, B. Mathivanan
Pubbl/distr/stampa	Berlin ; ; Boston : , : De Gruyter, , [2016] ©2016
ISBN	3-11-045010-0
Descrizione fisica	1 online resource (xvi, 494 pages) : illustrations (some colour)
Disciplina	004
Soggetti	Computer systems Information technology Automatic control Microelectronics Telecommunication
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Papers from the two IDES (Institute of Doctors, Engineers, and Scientists) conferences: 6th International Conference on Advances in Computing, Control, and Telecommunication Technologies; and International Conference on Research Methodologies in Electronic Devices and Circuits held in Bangalore, India. Includes bibliographical references and index.
Nota di bibliografia	
Nota di contenuto	Frontmatter -- Preface -- Editorial Board -- Committees -- Table of Contents -- Iris Recognition using Support Vector Machine -- Nonlinear Unknown Input Sliding Mode Observer for Chaotic Synchronization and Message Recovery -- An Efficient Lightweight Proactive Source Routing Protocol for Handling Overhead, Packet Delivery, Throughput in MANETS -- Classification of Mobile Videos on Sports Genre -- Genetic Algorithm with Dual Mutation Probabilities for TCSC – Based ATC Enhancement -- WSN Lifetime Enhancement through Residual energy balancing by Avoiding Redundant Data Transmission -- Neural Network based Facial Expression Recognition System -- Indoor Surveillance Robot with Live Video Transmission -- In-Page Semantic Ranking of Snippets for WebPages -- Information Diffusion in Online Social Network: Techniques, Applications and Challenges -- Harmony Search Algorithm for PAPR Reduction -- Closed Loop Control

System based Hybrid Energy System Model -- Topology Preserving Skeletonization Techniques for Grayscale Images -- Control Office Application on Tracking Movement in Indian Railways -- New Change Management Implementation Methods for IT Operational Process -- Enhanced Multiple-Microcantilevers based Microsensor for Ozone Sensing -- Secure Data Management – Secret Sharing Principles Applied To Data Or Password Protection -- Enhancing the Uncertainty Of Hardware Efficient Substitution Box based on Linear Cryptanalysis -- Comparative Study Of Software Defined Network Controller Platforms -- Home Automation using Android Application -- Missing Value Estimation in DNA Microarrays using Linear Regression and Fuzzy Approach -- Detection of Different Types of Diabetic Retinopathy and Age Related Macular Degeneration -- Design and Implementation of Intrusion Detection System using Data Mining Techniques and Artificial Neural Networks -- Development of Sliding mode and Feedback Linearization Controllers for the Single Fluid Heat Transfer System -- Implementation of SVPWM Controlled Three Phase Inverter for use as a Dynamic Voltage Restorer -- Enhancing the Uncertainty of Hardware Efficient Substitution Box based on Differential Cryptanalysis -- Load Balancing of MongoDB with Tag Aware Sharding -- Implementation of Multilevel Z-Source Inverter using Solar Photovoltaic Energy system for Hybrid Electric Vehicles -- Use of Rogowski Coil to overcome X/R ratio effect on Distance Relay Reach -- Stability Analysis of Discrete Time MIMO Nonlinear System by Backstepping Technique -- Comparative Study of Comparator Topologies: A Review -- Implementation of Temperature Process Control using Conventional and Parameter Optimization Technique -- A Novel Compact Dual-band slot Microstrip Antenna for Internal Wireless Communication -- Comparing Data Of Left And Right Hemisphere Of Brain Recorded Using EEGLAB -- Non-Word Error Correction for Luganda -- A New Approach for Texture based Script Identification At Block Level using Quad- Tree Decomposition -- Ligand based Virtual Screening using Graph Wavelet Alignment Kernel based on Boiling Point and Electronegativity -- Word Segmentation from Unconstrained Handwritten Bangla Document Images using Distance Transform -- Electromagnetically Coupled Microstrip Patch Antennas with Defective Ground Structure for High Frequency Sensing Applications -- Author Index

Sommario/riassunto

This conference proceedings summarizes invited publications from the two IDES (Institute of Doctors Engineers and Scientists) International conferences, both held in Bangalore/ India.
