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Soggetti	Electrical engineering Signal processing Image processing Speech processing systems Pattern recognition Communications Engineering, Networks Signal, Image and Speech Processing Pattern Recognition
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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	A Noval Image Zooming Technique using Wavelet Coefficients -- Analysis of Operational Transformation Algorithms -- A Digital Image Watermarking Technique using Cascading of DCT and Biorthogonal Wavelet Transform -- Multi-Domain Image Enhancement of Foggy Images using Contrast Limited Adaptive Histogram Equalization Method -- Comparison of Various Reliability Measures of a Computer System with the Provision of Priority -- Dual Band Filter using DGS for X-Band Applications -- A Review on Performance Evaluation of Routing Protocols in MANET -- Retinal Nerve Fiber Layer analysis in Digital Fundus Images: Application to Early Glaucoma Diagnosis -- Design, Development of MC-CDMA & Reduction of ISI for Different Modulation Techniques -- A Compact Dual Wide Band Patch Antenna with Modified Ground Plane -- Contention Sensitive Routing for Mobile Ad Hoc

Networks -- An analytical Approach for Fine Tuning of Resonant Frequency of MSPA using Dielectric Constant Engineering (DCE) -- Design of Can Based Enhanced Event Data Recorder & Evidence Collecting System -- Detection of Brain Tumor in MRI Images, using Fuzzy C-Means Segmented Images and Artificial Neural Networks -- Multiple Inputs Combinational Logic Minimization by Minterms Set -- Design and Simulation of 16X8 Synchronous SRAM in 90nm CMOS Technology -- A Voltage-Mode Non-Linear-Synapse Neural Circuit for Bi-Partitioning of Graphs -- CNFET-Based Resistive Sensor Interface with Voltage/Current-Mode Readouts -- Design of CMOS Ring Oscillators with Low Phase Noise and Power Dissipation for Data Transmission in RF Range -- A Novel Hybrid Method for Segmentation of Ultrasound Images -- Temperature Sensor using a SMF-PCF-SMF Heterostructure -- investigation of Channel Drop Filter Based on Two Dimensional Photonic Crystal Structure -- Design and analysis of a Nano-Fiber with all-Normal and Flat Dispersion for Supercontinuum Generation -- Investigation of Semiconductor Optical Amplifier for DWDM System with 50GHz Channel Spacing -- Automatic License Plate Recognition System using Raspberry Pi -- Multiple Sink Data Aggregation -- Handwritten Devnagari Script Database Development for Off-line Hindi Character with Matra (Modifiers) -- Part-of-Speech Tagging of Hindi Corpus using Rule-Based Method -- A Survey on Security Analysis in Cloud Computing -- Copper Nanofilm Antenna Design and Development: for X Band Wireless Sensor Applications. Vein Bio-Metric Template Security using Overlapped Shares Accounting for Minimum Storage -- Miniaturization of MEMs Based Smart Patch Antennas for Bio-Medical Applications -- Authentication of Primary User at Physical Layer through Approximation in Cognitive Radio -- Data Based Correlation Scheme -- A Comparative analysis of Different LFSR Based Ciphers and Parallel Computing Platforms for Development of Generic Cipher Compatible on Both Hardware and Software Platforms -- Generation of Automatic Variable Key to Make Secure Communication -- Vector Evaluated Genetic Algorithm Based Distributed Query Plan Generation in Distributed Database -- A Novel MemS Based Frequency Tunable Rectangular Patch Antenna -- Design and Optimization of Band Stop Filter using Metamaterial Structures for K-Band Applications -- Low Cost Crash Protection System for Heavy Motor Vehicles -- Effect of Parasitic Elements on the Performance of Buck-Boost Converter Used in PV System -- Effective Medium Approximation for Defining the Unavoidable Resistance of Solar Cell Front Contact -- A Novel Low Power Design Approach to Exploit the Power Usage of AMBA APB Bridge -- Solar Wind & Diesel Hybrid Energy System: A Review -- Analysis and Optimization of Stability for 6T SRAM Cell using 180nm Technology. Harvesting Electric Field Energy for Powering Wireless Sensors of Smart Grid -- Chalcogenide (LiGaSe₂, LiGISE, LiGaS₂): A Perfect Material to Design Highly Nonlinear PCFs for Supercontinuum Generation -- Machzehnder Interferometer: A Review of an Perfect all Optical Switching Structure -- Design and Analysis of Different Decoders for SAC-OCDMA Systems -- An Efficient Trust Based Routing Scheme using Max- Min Composition of Fuzzy Logic for MANET -- Modified D-Latch Enabled Bec-1 Carry Select Adder with Low Power Delay Product and Area Efficiency. Identification of Devanagari Script From Bilingual Printed Text Documents -- Ultra Wide Band Equal Power Divider using Stepped-Impedance Technology -- Implementation and Performance Analysis of Enhanced SHA-192 -- Human Object Detection in Images using Shift-invariant Stationary Wavelet Transform -- A Novel Framework for Extracting Geospatial Information using SPARQL Query & Multiple Header Extraction Sources

-- Secure Data Sharing with Data integrity in Public Clouds using Mediated Certificate-Less Encryption -- K-N Secrete Sharing Scheme of Visual Cryptography for Hiding Image using 2 X 2 Blocks Replacement -- Stepping Stone Detection Techniques: Classification and State-of-Art -- Cbir Feature Extraction using Neuro-Fuzzy Approach -- Multiband and Wideband antenna for Wi-Fi, Wlan, X-Band and Space Research Applications -- Triple Band Slotted Antenna for Wireless Applications -- A Compact Design of Modified E-Shaped Ground Plane Patch Antenna for Broadband Applications -- Frequency Switching in Coupled Microstrip Line Loaded with Split Ring Resonator -- A New Compact Dual Band Microstrip BPF for GSM-1800 and Wimax using Asymmetric Stepped Impedance Resonators -- Performance analysis of Zigbee Mesh Networks Under Nodes Failure -- Probabilistic Based Energy Efficient Dynamic Route Discovery in Manet's. A Survey Paper on Computational intelligence Approaches -- Simulation of Nonpolarp-GaN/i-InaGa(1-a)N/n-GaN Solar Cell for Maximum Efficiency -- Assessing the Severity of attacks in Wireless Networks -- SD and TCH Blocking KPI Improvement without Adding TRX Unit in BTS in GSM Network -- Design and analysis of Right-angled EBG Structure -- High Speed Packet Encoded Error Correction Technique for Wireless HD Video Streaming -- Review of Circular Polarization Techniques for Design of Microstrip Patch Antenna -- A Proposed Modification over Learning Vector Quantization & K-Means Algorithms for Performance Enhancement -- Taxonomy of Recent DDoS Attack Prevention, Detection and Response Schemes in Cloud Environment -- Design of Compact Concentric Circular Ring Patch antenna with Defected Ground Structure -- On the Bandwidth Enhancement of Modified Star-Triangular Fractal Antenna -- A Simple Miniaturized Dual Band Antenna for WiMAX/WLAN Applications -- Fault Detection for the Cluster Based System in Wireless Sensor Networks -- Gain and Bandwidth Enhancement of Single Layered Slotted Triangular Shaped Microstrip Patch antenna with Stub for Wlan Applications -- Design of Dual Resonator Broadband Multilayer Electromagnetic Coupled Microstrip antenna for X-Band Applications -- An Environment Aware Frequency Selective Head Set -- Performance analysis and Optimization of 40 Gbps Transmission System Over 4000 Km with FBG. Broadband Modified U Shaped Patch Antenna for Wireless Communication -- Performance Improvement of Epidemic Routing Protocol of Delay tolerant Networks By using Improved Buffer Management -- Elliptically Slotted Self Affine 8-Shaped Fractal Multiband Antenna -- Design of Compact Triangular Patch Antenna for WIMAX Applications -- Post Accident Assistance using on Board Diagnostics and Smart Phones -- Digital Image Forensics and Counter Anti-Forensics -- Can We Use Mass Based Similarity Measure in Classification? -- CNT Based Biomedical Sensor for Cancer Detection -- Effective Role of Thrashing in Load Balancing During VM Live Migration -- Real Time Abandoned Object Detection using Video Surveillance -- Request allocation and Resource Management Techniques in Cloud Computing -- Blind Image Watermarking of Variable Block Size for Copyright Protection -- Compact Goblet Shaped Single Band Notched UWB Antenna -- An Application of Firefly Algorithm for Clustering in Wireless Sensor Networks -- Microstrip Antenna with Defected Ground Structure (DGS) for Multiband Operation -- Design of a Compact Novel Planar Dual Band-Notched UWB Antenna -- X-Band and Ku-Band Patch antenna for Radiolocation Applications -- Procuring Wireless Sensor Actuator Network Security -- Performance analysis of Voip Over Wimax Networks under Nodes Failure -- Design of Reduced Order Controller for Mechanical System -- A Survey on Black-Hole attack in Manet --

Area Efficient FPGA Model of LMS Filtering Algorithm. An Efficient Hybrid- Cascaded Framework for Emission Computed tomography using Osem Image Reconstruction Algorithm -- A Review of Energy Efficient Routing Protocols in Wireless Sensor Networks -- A Study of Phase Shifting Surface -- Review on Student attendance Maintenance System: A Discontentment.

Sommario/riassunto

This volume comprises the proceedings of the International Conference on Recent Cognizance in Wireless Communication & Image Processing. It brings together content from academicians, researchers, and industry experts in areas of Wireless Communication and Image Processing. The volume provides a snapshot of current progress in computational creativity and a glimpse of future possibilities. The proceedings include two kinds of paper submissions: (i) regular papers addressing foundation issues, describing original research on creative systems development and modeling; and (ii) position papers describing work-in-progress or research directions for computational creativity. This work will be useful to professionals and researchers working in the core areas of wireless communications and image processing.
