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Nota di contenuto	Internet of Things Architectural Elements, Challenges and Future Directions -- Order Statistics Based Best Two Transmit Antenna Selection for N × 1 MISO System -- An Accurate Localization in Wireless Sensor Networks -- A Comparative Performance Analysis of TCP Congestion Control Algorithms: Newreno, Westwood, Veno, BIC, and Cubic -- BER Analysis of 60GHz Millimeter Wave over Free Space Optical Communication System -- An Ultra-thin Polarization Independent Quad-band Metamaterial-Inspired Absorber for X-and Ku-band Applications -- Performance Evaluation of Ad-Hoc Networks in Static & Mobile Environment -- Pose Estimation on 3-D Models Using ConvNets -- BitCom: A Commerce Model on Blockchain -- Equivalent Circuit Analysis of the MMR-Based UWB Microstrip Bandpass Filter -- Sustainable Time Series Model for Vehicular Traffic Trends Prediction in Metropolitan Network -- Performance Analysis of Digital Communications over Rician-TWDP Channels -- Optimization of Watermarking in Image by Using Particle Swarm Optimization Algorithm -- Local Binary Pattern Based Feature Extraction with KELM for Face Identification -- Efficient Traffic Density Estimation Using Convolutional Neural Network -- Cognitive Number Plate Recognition using Machine Learning and Data Visualization Techniques -- An Efficient Approach to Image Indexing and Retrieval Using Haar Cascade and Perceptual Similarity Index -- High Input Impedance VM Biquad Filter Using Single

Active Element -- Offline Signature Verification Using Convolutional Neural Network -- Object Removal and Image Restoration within Subspaces by Prioritized Patch Optimization -- Sensitivity Analysis of Navigation with Indian Constellation (NavIC) Derived Multipath Phase Towards Surface Soil Moisture Over Agricultural Land -- Firefly Algorithm For Optimization of Association Rules -- Spectral-Spatial Active Learning with Superpixel Profile for Classification of Hyperspectral Images -- A New Model for Emotion Prediction in Music -- A Review on Non-Invasive Biosensors for Early Detection of Lung Cancer -- Genuinity Detection of People: A Comparative Analysis on HOG and One Shot Learning -- Content Based Image Retrieval Using 3D Center Symmetric Local Binary Co-occurrence Pattern -- System on Chip Implementation of Low Complex Orthogonal Matching Pursuit Algorithm on FPGA -- Bismuth Based MIM Metamaterial Absorber for Broadband Absorption -- Split Memory Based Memory Architecture with Single-ended High Speed Sensing Circuit to Improve Cache Memory Performance -- Cavity Inclusion Effects on the Performance of Piezoelectric Energy Harvester -- Data Anonymization for Privacy Protection in Fog-Enhanced Smart Homes -- Automated Tomato Sorting Machine -- Secure Home Entry Using Raspberry Pi with Notification via Telegram -- Smart Indoor Weather Monitoring Framework using IoT Devices and Cloud Computing -- An Efficient CMOS Dynamic Logic-Based Full Adder -- A Novel Voltage-Mode Configuration for First Order All-Pass Filter with One Active Element and All Grounded Passive Components -- Mg Doping Effects on Optical and Electrical Properties of Solution-Processed ZnO Quantum Dots Based Thin Film Devices -- Effect of Electrodes on Generation Rate of CdTe and PbSe Based Optoelectronic Devices -- Design of CMOS based Neuromorphic Sensor Circuit Using Floating Gate MOSFET -- Study and Analysis of Modified Junction-less SOI MOSFET at 18nm Gate Length -- Triple Band Notched UWB Antenna -- Detection of Blind Signature Using Recursive Sum -- A Review on Antenna Design for 5G Applications -- Smart Navigation System Using Air Quality Index -- SRS Automator - An Attempt to Simplify Software Development Lifecycle -- Performance Analysis of Double Gated GaAs-Ge Based Hetero Tunnel Field Effect Transistor -- Blockchain Based Secure Model for Sensor Data in Wireless Sensor Network -- Progress and Advancements in Tunnel FET Technology -- 90 Km Transmission with 12X64 Hybrid Architecture for Access Networks -- The Internet of Things (IOT) Based Smart Rain Water Harvesting System -- SIW Based Bandpass Filter Integrated H-Plane Horn Antenna for K Band Applications -- Sub-10 nm High-k Dielectric SOI-FinFET for HighPerformance Low Power Applications -- Internet of Things (IoT) for Bank Locker Security System -- Design Analysis and Comparative Study of GDI Based Full Adder Design -- Real Time Weather Prediction System Using IOT and Machine Learning -- A Graphical Insight into Power MOSFET Model for Nanoscale CMOS Digital Technologies -- Process of Detection, Determination and Correction Cycle Slip Error:A Review -- Image Text Reader for Visually Impaired in Desired Language -- Average Bit Error Rate Analysis of Selection Combining over Beaulieu-Xie Fading Model -- 5G Network Security and Enhancement Scheme Through Blockchain Technology -- Design and Simulation of Shunt Switch Using Crab-Leg Structure for High Frequency Application -- Analyzing Information Diffusion in Ego-centric Twitter Social Network -- Author Index.