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Nota di contenuto	Diode Switch based 17-level inverter with lesser power electronic elements -- 28GHz 5G Receiver Design using 65nm CMOS and Performance Analysis through Simulation -- Study and implementation of ladder logic conversion to VHDL for Field programmable gate array (FPGA) based Programmable Logic Controllers (PLC) -- Automated Monitoring and Regulation of User Friendly Greenhouse using Arduino -- An Involution Function Based Symmetric Stream Cipher -- Multi-Objective Optimization of Block Size based on CPU Power & Network Bandwidth for Blockchain Applications.
Sommario/riassunto	This book presents high-quality papers from the Fourth International Conference on Microelectronics, Computing & Communication Systems (MCCS 2019). It discusses the latest technological trends and advances in MEMS and nanoelectronics, wireless communication, optical communication, instrumentation, signal processing, image processing, bioengineering, green energy, hybrid vehicles, environmental science, weather forecasting, cloud computing, renewable energy, RFID, CMOS sensors, actuators, transducers, telemetry systems, embedded systems and sensor network applications. It includes papers based on original theoretical, practical and experimental simulations, development, applications, measurements and testing. The applications and solutions

discussed here provide excellent reference material for future product development.
