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Descrizione fisica	1 online resource (544 pages)
Collana	Lecture Notes in Electrical Engineering, , 1876-1119 ; ; 838
Disciplina	621.381
Soggetti	Electronic circuits Electronics Embedded computer systems Internet of things Electronic Circuits and Systems Electronics and Microelectronics, Instrumentation Embedded Systems Internet of Things
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Synthesis of KNN Algorithm in FPGA Technology -- Study of Architecture and Performance Analysis of Approximation Multipliers -- Design and Analysis of Energy Efficient Logic Gates Using INDEP Short Gate FinFETs at 10nm Technology Node -- SIMPLE-DRR: A New Energy- Efficient Multi-hop Routing Protocol in WBANs for Health Monitoring -- Design of Class AB and Class C Amplifier -- Lightgbm Model for Credit Card Fraud Discovery -- PV System Based Switched Capacitor Dc-Dc Converter for High Voltage Gain using fuzzy-PID Controller -- Startup Circuits for Zero Current Reduction in Bandgap Reference Circuit -- Recycle of Plastic Material for Fabrication of Paver Blocks -- Handwritten Cursive English Character Recognition using DAG-CNN.

This book discusses the latest developments and outlines future trends in the fields of microelectronics, electromagnetics and telecommunication. It contains original research works presented at the International Conference on Microelectronics, Electromagnetics and Telecommunication (ICMEET 2021), held in Bhubaneswar, Odisha, India during 27 – 28 August 2021. The papers were written by scientists, research scholars and practitioners from leading universities, engineering colleges and R&D institutes from all over the world and share the latest breakthroughs in and promising solutions to the most important issues facing today's society.
