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Nota di contenuto	A Low Phase Noise Voltage Controlled Oscillator using Tunable SIW cavity Resonator -- Design and Analysis of an Efficient NovelMultilayer4:1 MUX Using QCA Technique with Reversibility and Stability -- Investigation of Phosphorene's Sensing Behavior Towards SO ₂ F ₂ and SOF ₂ Gases: A DFT Study -- RFID Based Student Identification Card Attendance Monitoring System -- Analysis of Channel Grading on Triple Material Double Gate Stack Oxide SON MOSFET -- Design of Audio Codec System based on ARM -- Parameters Optimization of YOLO Algorithm for Vehicle Detection in SMIT Campus -- Textural Analysis of MRI Scan Using Radon Transform -- A Study on Transcontinental Diabetes Datasets Using A Soft-Voting

Ensemble Learning Approach -- Advancements in Electronic Healthcare: A Bibliometric Analysis -- Impact of Perceived Social Support on Patient Empowerment: A Study of Online Patient Support Groups -- Interfacing of Industrial Inductive Proximity Sensor with NI DAQ and Speed Measurement.

Sommario/riassunto

This book covers recent trends in the field of devices, wireless communication and networking. It gathers selected papers presented at the 6th International Conference on Communication, Devices and Networking (ICCDN 2022), which was organized by the Department of Electronics and Communication Engineering, Sikkim Manipal Institute of Technology, Sikkim, India, on December 16–17, 2022. Gathering cutting-edge research papers prepared by researchers, engineers and industry professionals, it helps young and experienced scientists and developers alike to explore new perspectives and offer them inspirations on how to address real-world problems in the areas of electronics, communication, devices and networking.
