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	Nota di contenuto	A Comprehensive Review to Investigate the Effect of Read Port Topology on the Performance of Different 7T SRAM Cells -- Metrics Evaluation of Bell pepper disease classification using Deep Convolutional Neural Network (DCNN) -- Self-Attention based Deep learning approach for Machine Translation of Low Resource Languages: A case of Sanskrit-Hindi -- Rotor Unbalance Severity Detection using Maximum Overlap Discrete Wavelet Transform -- SOT-MRAM Memories for energy efficient Embedded and AI applications -- Reinforcement Learning Method for Identifying Health Issues for People with Chronic Diseases -- NG-PON3 based bidirectional high-speed PON with 1: 32/64/128 split ratio -- Effect of lithium dopant on Stanene Nanotube's properties -- All-p-type Digital Circuits using Single Gate and Double Gate Organic Field effect Transistors -- VLSI Floorplan Area Optimization Technique -- Analysis of Agricultural Commodities Prices using BART A Machine learning technique -- Deep learning model-

based approach for agricultural crop price prediction in Indian Market -- Internet of Healthcare Things Enabled Open-Source Non-Invasive Wearable Sensor Architecture for Incessant Real-Time Pneumonia Patient Monitoring -- Data Pre Processing Techniques for Brain Tumor Classification -- A systematic approach for Effective Apgar Score assessment in 1 and 5 minutes using manifold machine learning algorithms -- A Novel Approach for Detection of Lumpy Virus -- Deep – Learning based Multi-Label Image Classification for Chest X-Rays -- Detection and Classification of Blood Cancer Using Deep Learning Framework -- Enhanced Intracranial tumor strain prediction and detection using Transfer and Multilevel Ensemble Learning -- RF-MEMS SPDT Capacitive Switch: Accelerating the Performance in B5G Applications -- Fine-Tuning The Deep Learning Models Using Transfer Learning For Lung Diseases Classification From Chest Radiographs -- Entity Perception Using Remotely Piloted Aerial Vehicle.

Sommario/riassunto	This volume comprises the select proceedings of the 2nd International Conference on Women Researchers in Electronics and Computing (WREC 2023). The content discusses novel contributions and the latest developments in signal/image processing, VLSI design, futuristic communication, and computational technologies. The contents include papers on signal processing for communications & networking, machine learning and deep learning for signal processing, human-computer interface, 5G/6G wireless technologies, green and energy efficient wireless networks, software-defined networking (SDN), optical communications and networks, mobility management and models, VLSI testing, ASIC/FPGA design, analog/digital and mixed signals ICs, biosensors and bioelectronics, knowledge engineering, 3D printing and scanning, computational intelligence, among others. This volume will be of immense interest to researchers in academia and industry working in electronics, communication, and signal processing.