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Representation of Floating-Point Numbers -- Machine Learning Based Stock Market Prediction -- Nature-Inspired Optimization Algorithm Assisted Optimal Sensor Node Positioning for Precision Agriculture Applications in Asymmetric Fields -- Performance Analysis of All-Optical Relaying for UWOC over EGG Oceanic Turbulence -- Stock Price Prediction using GRU and BiLSTM Models -- Evaluation of BERT Model for Aspect Based Sentiment Analysis -- Solidly Mounted BAW Resonator For 5G Application on AlN Thin Films -- Design and Investigation of PMUT Sensor for Medical Imaging Applications.

Sommario/riassunto

The book is a collection of high-quality research papers presented at International Conference on Next Generation Systems and Networks (BITS EEE CON 2022), held at Birla Institute of Technology & Science, Pilani, Rajasthan, India, during November 4–5, 2022. This book provides reliable and efficient design solutions for the next-generation networks and systems. The book covers research areas in energy, power and control; communication and signal processing; and electronics and nanotechnology.
