

1. Record Nr.	UNINA9910734856703321
Autore	Bansal Hari Om
Titolo	Next Generation Systems and Networks : Proceedings of BITS EEE CON 2022 // edited by Hari Om Bansal, Pawan K. Ajmera, Sandeep Joshi, Ramesh C. Bansal, Chandra Shekhar
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-9904-83-8
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (518 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 641
Altri autori (Persone)	AjmeraPawan K JoshiSandeep BansalRamesh C ShekharChandra
Disciplina	621.382
Soggetti	Telecommunication Automatic control Robotics Automation Computer networks - Security measures Wireless communication systems Mobile communication systems Artificial intelligence Communications Engineering, Networks Control, Robotics, Automation Mobile and Network Security Wireless and Mobile Communication Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Real-Time Video Monitoring for Fall Detection-an Overview -- Implementation of Master-Slave Communication using MQTT Protocol -- An Algorithm for Customizing Slicing Floor Plan Design -- A Prediction Model for Real Estate Price using Machine Learning -- Efficient ASIC Implementation of Artificial Neural Network with Posit

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.

---