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Titolo	Advances in electronics, communication and computing : select proceedings of ETAEERE 2020 // Pradeep Kumar Mallick [and three others], editors
Pubbl/distr/stampa	Singapore : , : Springer, , [2021] ©2021
ISBN	981-15-8752-3
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XX, 675 p. 350 illus., 250 illus. in color.)
Collana	Lecture notes in electrical engineering ; ; Volume 709
Disciplina	621.3
Soggetti	Electrical engineering Telecommunication systems Computer networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Realization of Security System Using Facial Recognition and Arduino Keypad Door Lock System -- Analysis of t-distribution in Variable Step Size Firefly Algorithm in the Applications of Machine Learning -- Detecting Vulnerabilities of Web Application using Penetration Testing and Prevent using Threat Modeling -- Analysis and Comparison of Credit Card Fraud Detection Using Machine Learning -- Data Hiding Technique using Differential Evolution -- Intelligent Baby Monitoring System using Blynk -- Implementation of Dual Image Watermarking for Copyright Protection -- Biswaranjan Acharya, Roshan Gupata, Shankey Garg, Jitendra Kumar Rout and Nirranjan Ray -- Bengali spoken numerals recognition by MFCC and GMM technique -- Chittaranjan Pradhan Detection and Evaluation of Chronic Kidney Disease using Different Regression and Classification Algorithms in Machine Learning -- Analysis and Prevention Of Road Accidents. .
Sommario/riassunto	This book comprises select proceedings of the international conference ETAEERE 2020, and covers latest research in the areas of electronics, communication and computing. The book includes different approaches and techniques for specific applications using particle swarm optimization, Otsu's function and harmony search optimization

algorithm, DNA-NAND gate, triple gate SOI MOSFET, micro-Raman and FTIR analysis, high-k dielectric gate oxide, spectrum sensing in cognitive radio, microstrip antenna, GPR with conducting surfaces, energy efficient packet routing, iBGP route reflectors, circularly polarized antenna, double fork shaped patch radiator, implementation of Doppler radar at 24 GHz, iris image classification using SVM, digital image forgery detection, secure communication, spoken dialog system, and DFT-DCT spreading strategies. Given the range of topics covered, this book can be useful for both students and researchers working in electronics and communication.

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