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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part 1: Machine Learning Applications in Healthcare -- Chapter 1. Respiratory Disease Diagnosis with Cough Sound Analysis -- Chapter 2. A Deep Learning based Model for Arrhythmia Detection using Feature selection and Machine Learning Methods -- Chapter 3. Epilepsy Prediction using Time Series Classifiers -- Chapter 4. YUDH: Multi Utility Tool to reassure serenity in the Covid-19 pandemic -- Chapter 5. Easy Detect - Web Application for Symptom Identification and Doctor Recommendation -- Chapter 6. Role of Machine Learning Approaches in Predicting COVID-19 New active cases using Multiple Models -- Chapter 7. An Overview of Applications of Machine Learning During Covid 19 -- Chapter 8. Design and Implementation of wearable cap for Parkinson's Population -- Chapter 9. A Survey on Applications of Machine Learning Algorithms in Healthcare -- Chapter 10. Anomaly Detection of Unstructured Logs Generated from Complex Micro-service based Architecture using one-class SVM -- Part 2: Advanced Computer

Networks, IoT, and Security -- Chapter 11. Lightweight Model for Waifu Creation using Deep Convolutional Generative Adversarial Network (DCGAN) -- Chapter 12. An Efficient Service Recommendation with Spatial-Temporal Aware QoS Prediction Mechanism in Cloud Computing Environment -- Chapter 13. PUASIoT: Password-Based User Authentication Scheme for IoT Services -- Chapter 14. Random connected graph generation for wireless sensor networks -- Chapter 15. A Novel application of HPSOGWO trained ANN in non linear channel Equalization. etc.

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#### Sommario/riassunto

This book gathers high-quality research papers presented at the 6th International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2021) organized by Bhubaneswar Institute of Technology, Bhubaneswar, Odisha, India, during December 23–24, 2021. It includes sections describing technical advances and the latest research in the fields of computing and intelligent engineering. Intended for graduate students and researchers working in the disciplines of computer science and engineering, the proceedings also appeal to researchers in the field of electronics, as they cover hardware technologies and future communication technologies.

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