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Nota di contenuto	Part 1: Intelligent Computational Science -- Chapter 1. Influence of Wind Speed on Solar PV Plant Power Production - Prediction Model Using Decision Based Artificial Neural Network -- Chapter 2. Prediction of Compressive Strength of Ultra-High Performance Concrete using SFS and ANN -- Chapter 3. Classification of Plant Based on Leaf Images -- Chapter 4. Controller Optimization for Boiler Turbine Using Simulated Annealing and Genetic Algorithm -- Chapter 5. Indian Language Identification for Short Text -- Chapter 6. Improved Whale Optimization Algorithm for Numerical Optimization -- Chapter 7. A Matrix Based Approach for Evaluation of Vocal Renditions in Hindustani

Classical Music -- Chapter 8. Performance Analysis of ML Algorithms on Speech Emotion Recognition -- Chapter 9. EEPMS: Energy Efficient Path Planning for Mobile Sink in Wireless Sensor Networks: A Genetic Algorithm based Approach -- Chapter 10. Mining Public Opinion on Plastic Ban in India. Chapter 11. Whale Neuro-Fuzzy System for Intrusion Detection in Wireless Sensor Network -- Part 2: Advanced Security Techniques -- Chapter 12. The Threat Detection Framework for Securing Semantic Web Services based on XACML -- Chapter 13. Real-Time Detection of Fake Account in Twitter using Machine Learning Approach -- Chapter 14. DPLOOP: Detection & Prevention of Loopholes in Web Application Security -- Chapter 15. Security Enhancement using Modified AES and Diffie-Hellman Key Exchange -- Chapter 16. Detection of Advanced Linux Malware using Machine Learning -- Chapter 17. Host-Server based Malware Detection System for Android Platforms Using Machine Learning.-Chapter 18. Identification of Windows based Malware by Dynamic Analysis using Machine Learning Algorithm -- Chapter 19. Secure E-mail Communications through Cryptographic Techniques – A Study -- Chapter 20. Current trends in Cryptography, Steganography and Metamorphic Cryptography: A survey.

Sommario/riassunto	This book features high-quality papers presented at the International Conference on Computational Intelligence and Communication Technology (CICT 2019) organized by ABES Engineering College, Ghaziabad, India, and held from February 22 to 23, 2019. It includes the latest advances and research findings in fields of computational science and communication such as communication & networking, web & informatics, hardware and software designs, distributed & parallel processing, advanced software engineering, advanced database management systems and bioinformatics. As such, it is of interest to research scholars, students, and engineers around the globe. .