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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1. Recent Trends in Electromyography Signal Processing of Neuromuscular Diseases: An Outlook -- Chapter 2. Conceptualization, Visualization and Modeling of Ontologies for Elementary Kinematics -- Chapter 3. A Deep Neural approach towards Staining and Tinting of Monochrome Images -- Chapter 4. Evaluation of IoT based Automatic Headlight Dimmer Systems -- Chapter 5. Enhanced Energy Efficient Fuzzy Logic Clustering and Network Coding Strategy for Wireless Sensor Networks (EEE-FL-NC) -- Chapter 6. Malware Classification using Automated Transmutation and CNN -- Chapter 7. Content-Based Image Retrieval using Energy Based Frequency Domain Features -- Chapter 8. Decision Tree Based Event Detection Framework for UWSN Routing to Optimize Energy Consumption During Transmission -- Chapter 9. Recognizing Child Unsafe Apps through User Reviews on the Google Play store -- Chapter 10. Brain Tumor Classification Using Deep

Learning and Big Data Analytics -- Chapter 11. Drone Stability Simulation Using Ros And Gazebo -- Chapter 12. Knowledge Management framework for the supervision of IT postgraduate research in Sri Lanka -- Chapter 13. RFM-based Customer Analysis and Product Recommendation System -- Chapter 14. Efficient Hardware Trojan Detection using Generic Feature Extraction and Weighted Ensemble Method -- Chapter 15. An Approach for Offline Handwritten Character Shape Reconstruction Using Active Contour and Morphological Techniques.

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#### Sommario/riassunto

This book gathers selected high-quality research papers presented at International Conference on Advanced Computing and Intelligent Technologies (ICACIT 2021) held at NCR New Delhi, India, during March 20–21, 2021, jointly organized by Galgotias University, India, and Department of Information Engineering and Mathematics Università Di Siena, Italy. It discusses emerging topics pertaining to advanced computing, intelligent technologies, and networks including AI and machine learning, data mining, big data analytics, high-performance computing network performance analysis, Internet of things networks, wireless sensor networks, and others. The book offers a valuable asset for researchers from both academia and industries involved in advanced studies.

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