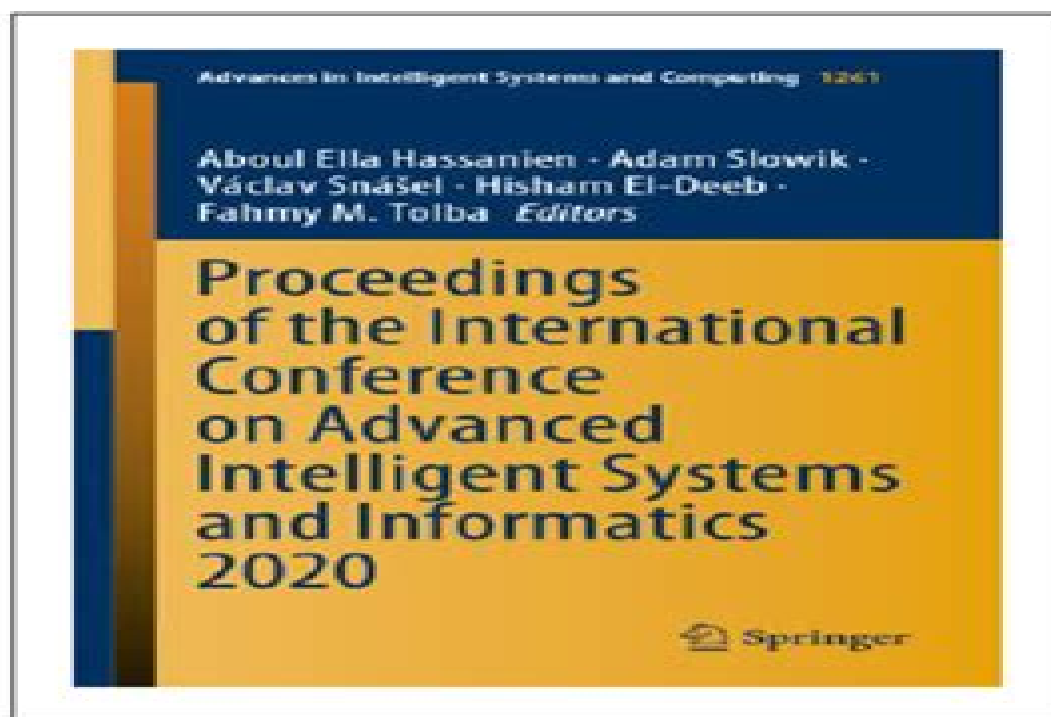


(Ebook) Proceedings of the International
Conference on Advanced Intelligent Systems and
Informatics 2020 by Aboul Ella Hassanien, Adam
Slowik, Václav Snášel, Hisham El-Deeb, Fahmy M.
Tolba ISBN 9783030586683, 9783030586690,
3030586685, 3030586693



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Tactile Sensors for Robotic Applications Salvatore Pirozzi, 2021-03-17 The book covers different aspects: Innovative technologies for tactile sensors development; Tactile data interpretation for control purposes; Alternative sensing technologies; Multi-sensor systems for grasping and manipulation; Sensing solutions for impaired people.

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infrastructure by future unknown cyber attacks and thus avoid the significant or catastrophic consequences of such attacks

The book is designed for undergraduate and post graduate students for engineers in related fields as well as managers of corporate and state structures chief information officers CIO chief information security officers CISO architects and research engineers in the field of cybersecurity This book contains four chapters

- 1 Cyber Immunity Concept of the Industry 4 0 2 Mathematical Framework for Immune Protection of Industry 4 0 3 Trends and prospects of the development of Immune Protection of Industry 4 0 4 From detecting cyber attacks to self healing Industry 4 0

2016 IEEE 36th International Conference on Distributed Computing Systems ,2016 Intelligent Pervasive Computing Systems for Smarter Healthcare

Arun Kumar Sangaiah,S.P. Shantharajah,Padma Theagarajan,2019-06-21 A guide to intelligent decision and pervasive computing paradigms for healthcare analytics systems with a focus on the use of bio sensors Intelligent Pervasive Computing Systems for Smarter Healthcare describes the innovations in healthcare made possible by computing through bio sensors The pervasive computing paradigm offers tremendous advantages in diversified areas of healthcare research and technology The authors noted experts in the field provide the state of the art intelligence paradigm that enables optimization of medical assessment for a healthy authentic safer and more productive environment Today s computers are integrated through bio sensors and generate a huge amount of information that can enhance our ability to process enormous bio informatics data that can be transformed into meaningful medical knowledge and help with diagnosis monitoring and tracking health issues clinical decision making early detection of infectious disease prevention and rapid analysis of health hazards The text examines a wealth of topics such as the design and development of pervasive healthcare technologies data modeling and information management wearable biosensors and their systems and more This important resource Explores the recent trends and developments in computing through bio sensors and its technological applications Contains a review of biosensors and sensor systems and networks for mobile health monitoring Offers an opportunity for readers to examine the concepts and future outlook of intelligence on healthcare systems incorporating biosensor applications Includes information on privacy and security issues on wireless body area network for remote healthcare monitoring Written for scientists and application developers and professionals in related fields Intelligent Pervasive Computing Systems for Smarter Healthcare is a guide to the most recent developments in intelligent computer systems that are applicable to the healthcare industry

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