

Biologically-Inspired Energy Harvesting through Wireless Sensor Technologies

Part of the Advances in Environmental Engineering and Green Technologies Book Series

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Description:

The need for sustainable sources of energy has become more prevalent in an effort to conserve natural resources, as well as optimize the performance of wireless networks in daily life. Renewable sources of energy also help to cut costs while still providing a reliable power sources.

Biologically-Inspired Energy Harvesting through Wireless Sensor Technologies highlights emerging research in the areas of sustainable energy management and transmission technologies. Features technological advancements in green technology, energy harvesting, sustainability, networking, and autonomic computing, as well as bio-inspired algorithms and solutions utilized in energy management.

Readers:

This publication is an essential reference source for researchers, academicians, and students interested in renewable or sustained energy in wireless networks.

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Topics Covered:

- Energy Loss
- Green Transportation
- Internet of Things
- Microbial Fuel Cells
- Renewable Energy
- Vibration-Based Devices
- Wireless Power Transmission System

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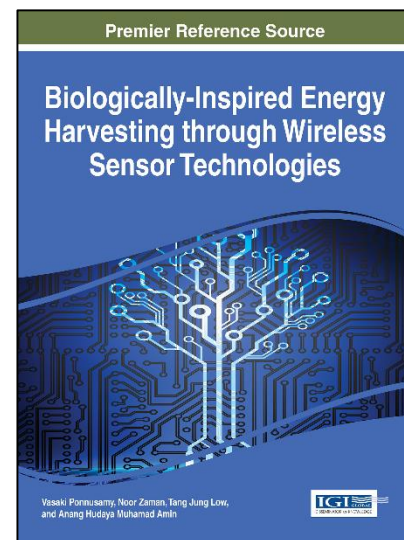
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Foreword

Preface

Acknowledgment

Section I: Introducing Biologically-Inspired Computing and Its Perspectives

Chapter 1: Applications of Vibration-based Energy Harvesting (VEH) Devices

Dr. Ooi Beng Lee, Quest International University Perak, Malaysia
Dr. Chung Ket Thein, Taylor's University, Malaysia
Dr. Yew Chun Keat, University of Hull, United Kingdom
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Chapter 2: Biologically-Inspired Wireless Power Transmission System: A Review

Dr. Agnes Ruey Chyi Cheah, UTAR
Dr. Kim Ho Yeap, UTAR
Dr. Kee Choon Yeong, UTAR
Dr. Kazuhiro Hirasawa, University of Tsukuba

Chapter 3: Energy Harvesting Methods for Internet of Things

Dr. Vasaki Ponnusamy, Quest International University Perak
Dr. Yen Pei Tay, Quest International University Perak
Dr. Lam Hong Lee, Quest International University Perak
Dr. Tang Jung Low, Universiti Teknologi Petronas
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Chapter 4: Analysis of Energy Loss in Superconducting Waveguides

Dr. Kim Ho Yeap, Universiti Tunku Abdul Rahman
Dr. Kee Choon Yeong, Universiti Tunku Abdul Rahman
Dr. Choy Yoong Tham, Wawasan Open University
Dr. Humaira Nisar, Universiti Tunku Abdul Rahman

Section II: Presenting Energy Harvesting in WSN and Its Perspectives

Chapter 5: Different Resources Consumption of Renewable Energy

Ms. Soobia – saeed, Institute of Business and Technology IBT, Karachi Pakistan

Chapter 6: Solar Powered Smart Street Light with Maintenance Service System

Dr. Thinaharan Ramachandran, Segi University Malaysia
Dr. Vasaki Ponnusamy, Quest International University Perak Ipoh
Dr. Noor Zaman, College of Computer Sciences and Information Technology, King Faisal University, Saudi Arabia

Chapter 7: Harvesting Energy from Microbial Fuel Cells: Powering Wireless Sensor Networks Operating in Wastewater Treatment Plants

Dr. Pedro Serra, University of Beira Interior
Dr. Antonio Vitoria Espirito-Santo, University of Beira Interior

Chapter 8: Modelling Formalisms for Green Transportation Systems

Dr. Calin Ciufudean, Stefan cel Mare University

Chapter 9: On the decision criteria for “greening” information Systems

Dr. Tagelsir mohamed Gasmelseid, College of Computer Sciences and Information Technology, King Faisal University, Saudi Arabia

Chapter 10: A Biologically Inspired Computational Solution for Protein Coding Regions Identification in Noisy DNA Sequences

Dr. Muneer Ahmed, College of Computer Sciences and Information Technology, King Faisal University, Saudi Arabia

Chapter 11: Application of Self-Healing in Wireless Sensor Network A Survey

Dr. Noor Zaman, College of Computer Sciences and Information Technology, King Faisal University, Saudi Arabia
Dr. Tang Jung Low, Universiti Teknologi PETRONAS, Malaysia
Dr. Vasaki Ponnusamy, Quest International University Perak Ipoh

Section III: Exploring and Illustrating the Current and Future Trends in Combining Biologically-Inspired Computing with Energy Harvesting in WSN and Energy Transmission

Chapter 12: A Critical Review on Energy Harvesting Techniques

Ms. Saira Muzafar, College of Computer Sciences and Information Technology, King Faisal University, Saudi Arabia

Chapter 13: Green Energy in Data Centers

Dr. Kanahavalli Mardamutu, Quest International University Perak Ipoh
Dr. Vasaki Ponnusamy, Quest International University Perak Ipoh
Dr. Noor Zaman, College of Computer Sciences and Information Technology, King Faisal University, Saudi Arabia

Chapter 14: Exploring Current Trends of Energy Harvesting

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