

Springer

1st
edition1st ed. 2019, XVII, 157 p.
86 illus., 72 illus. in color.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-3-030-00864-2

\$ 149,99

Available

Discount group

Professional Books (2)

Product category

Monograph

SeriesEAI/Springer Innovations in
Communication and Computing**Engineering : Communications Engineering, Networks**

Maheswar, R., Kanagachidambaresan, G.R., Jayaparvathy, R., Thampi, S.M. (Eds.), Sri Krishna College of Technology, Coimbatore, TN, India

Body Area Network Challenges and Solutions

- Discusses the emerging trends of WBAN and their impact on the current health care system
- Provides solutions to the existing real-time challenges of WBAN
- Presents results related to industrial problems and current real time issues in hospital environments

This book provides a novel solution for existing challenges in wireless body sensor networks (WBAN) such as network lifetime, fault tolerant approaches, reliability, security, and privacy. The contributors first discuss emerging trends of WBAN in the present health care system. They then provide possible solutions to challenges inherent in WBANs. Finally, they discuss results in working environments. Topics include communication protocols of implanted, wearable and nano body sensor networks; energy harvesting methodologies and experimentation for WBAN; reliability analysis and fault tolerant architecture for WBAN; and handling network failure during critical duration. The contributors consist of researchers and practitioners in WBAN around the world.

Order online at springer.com/booksellers**Springer Nature Customer Service Center LLC**

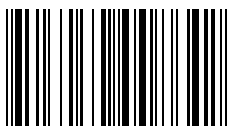
233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com

ISBN 978-3-030-00864-2 / BIC: TJK / SPRINGER NATURE: SCT24035

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**