Handbook of Research on Information Security in Biomedical Signal Processing
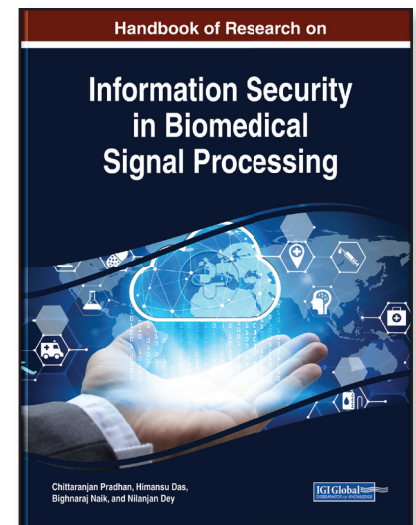
Part of the Advances in Information Security, Privacy, and Ethics Book Series

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Description:

Recent advancements and innovations in medical image and data processing have led to a need for robust and secure mechanisms to transfer images and signals over the internet and maintain copyright protection.

The **Handbook of Research on Information Security in Biomedical Signal Processing** provides emerging research on security in biomedical data as well as techniques for accurate reading and further processing. While highlighting topics such as image processing, secure access, and watermarking, this publication explores advanced models and algorithms in information security in the modern healthcare system. This publication is a vital resource for academicians, medical professionals, technology developers, researchers, students, and practitioners seeking current research on intelligent techniques in medical data security.

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Topics Covered:

- Cloud Computing
- Computer-Aided Diagnosis
- Data Processing
- Distributed Systems
- Image Processing

- Machine Learning
- Secure Access
- Security Requirements
- Watermarking
- Wireless Sensor Networks

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