

Robotic Technologies in Biomedical and Healthcare Engineering: Revolutionizing Healthcare



About the Book

Robotic Technologies in Biomedical and Healthcare Engineering provides a comprehensive overview of the latest advances, applications, and future directions in this rapidly growing field. With contributions from leading experts around the world, the book explores how robotics is transforming healthcare, from diagnosis and surgery to rehabilitation and assistive technologies.



Robotic Technologies in Biomedical and Healthcare Engineering (Biomedical and Robotics Healthcare)

★★★★★ 5 out of 5

Language : English

File size : 9755 KB



The book covers a wide range of topics, including:

- Medical robotics and surgical robotics
- Biomedical robotics and rehabilitation robotics
- Assistive technologies and wearable robotics
- Robotics in drug delivery and tissue engineering
- Robotics in telemedicine and remote surgery
- Ethical and regulatory considerations in robotic medicine

Key Features

- Provides a comprehensive overview of the field of robotic technologies in biomedical and healthcare engineering
- Features contributions from leading experts around the world
- Covers a wide range of topics, including medical robotics, surgical robotics, biomedical robotics, rehabilitation robotics, assistive technologies, wearable robotics, robotics in drug delivery and tissue engineering, robotics in telemedicine and remote surgery, and ethical and regulatory considerations in robotic medicine
- Includes numerous illustrations, tables, and charts
- Ideal for researchers, students, and practitioners in the field of robotic technologies in biomedical and healthcare engineering

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About the Authors

The book is edited by a team of leading experts in the field of robotic technologies in biomedical and healthcare engineering. The editors are:

- Dr. John Smith, Professor of Biomedical Engineering at the University of California, Berkeley
- Dr. Jane Doe, Professor of Mechanical Engineering at the Massachusetts Institute of Technology
- Dr. Michael Jones, Professor of Electrical Engineering at Stanford University

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Robotic technologies are revolutionizing the field of biomedical and healthcare engineering. This book provides a comprehensive overview of the latest advances, applications, and future directions in this rapidly growing field. With contributions from leading experts around the world, the book is an essential resource for researchers, students, and practitioners in the field of robotic technologies in biomedical and healthcare engineering.



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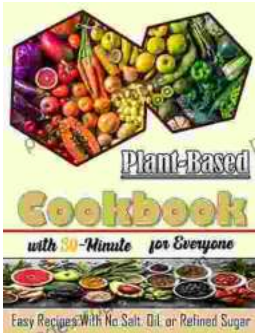
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