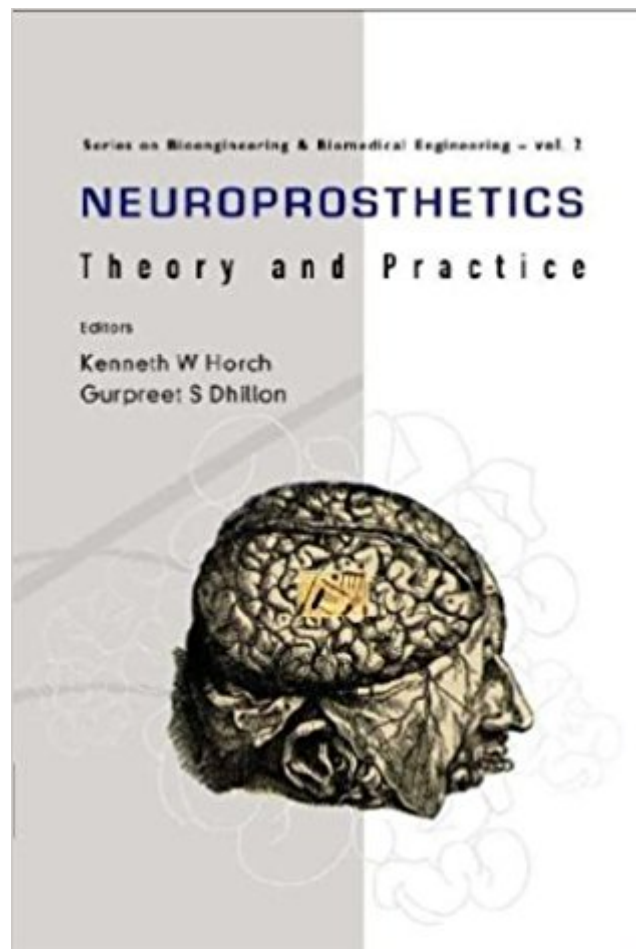




Ebook Directory
the best source of ebook

The book was found

Neuroprosthetics: Theory And Practice (Series On Bioengineering & Biomedical Engineering - Vol. 2)



Synopsis

Neuroprosthetics is an area of intense scientific and clinical interest and rapid progress. Since the introduction of the cardiac pacemaker in 1932, we have seen developments that include cochlear prostheses, techniques for bladder and bowel control, deep brain stimulation, and restoration of mobility and respiration to paralyzed individuals. The chapters in this book have been contributed by authors who are recognized internationally in their fields. The result is a comprehensive and up-to-date review that will be invaluable to graduate students, clinicians and researchers in neuroprosthetics. It is broadly divided into three sections: Section 1 provides a core of knowledge that forms a foundation for the rest of the book, and covers the basics of neuroanatomy and neurophysiology, biomaterials and biocompatibility, stimulation and recording techniques; Section 2 describes current clinical applications of neuroprosthetics; Section 3 looks at future developments in the field.

Book Information

Series: Bioengineering & Biomedical Engineering (Hardcover) (Book 3)

Hardcover: 1288 pages

Publisher: World Scientific Publishing Company (February 1, 2004)

Language: English

ISBN-10: 9812380221

ISBN-13: 978-9812380227

Product Dimensions: 6.5 x 3 x 10 inches

Shipping Weight: 4.9 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,261,756 in Books (See Top 100 in Books) #41 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Special Topics > Prosthesis](#) #202 in [Books > Medical Books > Medicine > Prosthesis](#) #820 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Biotechnology](#)

[Download to continue reading...](#)

Biomedical Engineering Principles Of The Bionic Man (Series on Bioengineering & Biomedical Engineering) (Bioengineering & Biomedical Engineering (Paperback)) Neuroprosthetics: Theory and Practice (Series on Bioengineering & Biomedical Engineering - Vol. 2) Biomedical Ethics for Engineers: Ethics and Decision Making in Biomedical and Biosystem Engineering (Biomedical Engineering Series) Dynamics of the Vascular System (Series on Bioengineering & Biomedical

Engineering - Vol. 1) Numerical and Statistical Methods for Bioengineering (Cambridge Texts in Biomedical Engineering) Numerical and Statistical Methods for Bioengineering: Applications in MATLAB (Cambridge Texts in Biomedical Engineering) Emerging Theory and Practice in Neuroprosthetics Biomedical Engineering: Bridging Medicine and Technology (Cambridge Texts in Biomedical Engineering) Biomedical Engineering for Global Health (Cambridge Texts in Biomedical Engineering) Biomedical Engineering Fundamentals (The Biomedical Engineering Handbook, Fourth Edition) (Volume 1) Service Characteristics of Biomedical Materials and Implants (Series on Biomaterials and Bioengineering) Foundations of Biomedical Ultrasound (Biomedical Engineering Series) An Introduction to Modeling of Transport Processes: Applications to Biomedical Systems (Cambridge Texts in Biomedical Engineering) Introduction to Biomaterials: Basic Theory with Engineering Applications (Cambridge Texts in Biomedical Engineering) Gravity Sanitary Sewer Design and Construction (ASCE Manuals and Reports on Engineering Practice No. 60) (Asce Manuals and Reports on Engineering ... Manual and Reports on Engineering Practice) An Introduction to Rehabilitation Engineering (Series in Medical Physics and Biomedical Engineering) Medical Device Technologies: A Systems Based Overview Using Engineering Standards (Academic Press Series in Biomedical Engineering) Principles of Biomedical Ethics (Principles of Biomedical Ethics (Beauchamp)) Introduction to Medical Imaging: Physics, Engineering and Clinical Applications (Cambridge Texts in Biomedical Engineering) Biomedical Engineering and Human Body Systems (Engineering in Action)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)