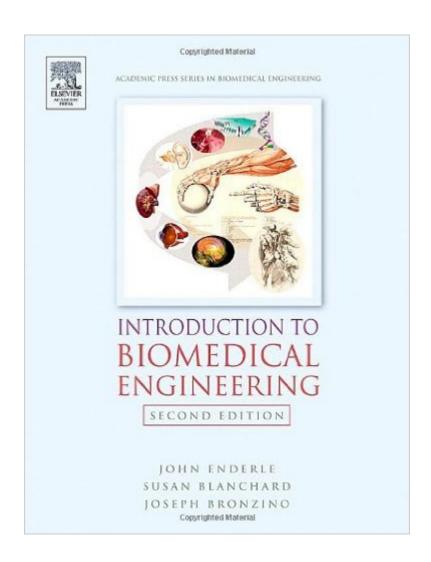
The book was found

Introduction To Biomedical Engineering, Second Edition





Synopsis

Under the direction of John Enderle, Susan Blanchard and Joe Bronzino, leaders in the field have contributed chapters on the most relevant subjects for biomedical engineering students. These chapters coincide with courses offered in all biomedical engineering programs so that it can be used at different levels for a variety of courses of this evolving field. Introduction to Biomedical Engineering, Second Edition provides a historical perspective of the major developments in the biomedical field. Also contained within are the fundamental principles underlying biomedical engineering design, analysis, and modeling procedures. The numerous examples, drill problems and exercises are used to reinforce concepts and develop problem-solving skills making this book an invaluable tool for all biomedical students and engineers. New to this edition: Computational Biology, Medical Imaging, Genomics and Bioinformatics. * 60% update from first edition to reflect the developing field of biomedical engineering* New chapters on Computational Biology, Medical Imaging, Genomics, and Bioinformatics* Companion site: http://intro-bme-book.bme.uconn.edu/* MATLAB and SIMULINK software used throughout to model and simulate dynamic systems*

Book Information

Series: Biomedical Engineering

Hardcover: 1144 pages

Publisher: Academic Press; 2nd edition (April 20, 2005)

Language: English

ISBN-10: 0122386620

ISBN-13: 978-0122386626

Product Dimensions: 9.5 x 7.8 x 1.9 inches

Shipping Weight: 4.2 pounds

Average Customer Review: 4.4 out of 5 stars Â See all reviews (5 customer reviews)

Best Sellers Rank: #539,530 in Books (See Top 100 in Books) #63 in Books > Textbooks >

Medicine & Health Sciences > Medicine > Biotechnology #84 in Books > Science & Math >

Biological Sciences > Biophysics #134 in Books > Engineering & Transportation > Engineering >

Bioengineering > Biomedical Engineering

Customer Reviews

This text is the best introductory book available, it is comprehensive and will serve the reader as a reference throughout his/her career. The authors have made a significant contribution to the field

with this text and will help many biomedical engineering programs and their students.

This is a very comprehensive textbook, however, I will not recommend it to readers that only has an interest in the subject. Some of the content is highly mathematical, and as such meant for serious students in this field. The book covers a very wide range of subjects in this field.

excellent products, fast delivery, I like.

Almost new!

good

Download to continue reading...

Biomedical Ethics for Engineers: Ethics and Decision Making in Biomedical and Biosystem Engineering (Biomedical Engineering Series) Biomedical Engineering and Design Handbook, Volume 1: Volume I: Biomedical Engineering Fundamentals Quantitative Biomedical Optics: Theory, Methods, and Applications (Cambridge Texts in Biomedical Engineering) Medical Aspects of Proteases and Proteases Inhibitors (Biomedical and Health Research, Vol. 15) (Biomedical and Health Research, V. 15) Dopamine Receptor Sub-Types: From Basic Sciences to Clinical Applications (Biomedical and Health Research, Vol. 19) (Biomedical and Health Research, V. 19) An Introduction to Rehabilitation Engineering (Series in Medical Physics and Biomedical Engineering) Introduction to Biomedical Engineering, Second Edition Diagnostic Ultrasound Imaging: Inside Out, Second Edition (Biomedical Engineering) Introduction to Biomedical Engineering Basic Transport Phenomena in Biomedical Engineering, Third Edition Basic Transport Phenomena in Biomedical Engineering, 2nd Edition Design of Pulse Oximeters (Series in Medical Physics and Biomedical Engineering) Photonics of Biopolymers (Biological and Medical Physics, Biomedical Engineering) Laser-Tissue Interactions: Fundamentals and Applications (Biological and Medical Physics, Biomedical Engineering) Laser Technology in Biomimetics: Basics and Applications (Biological and Medical Physics, Biomedical Engineering) Bioimpedance and Bioelectricity Basics (Biomedical Engineering) Essentials of Writing Biomedical Research Papers. Second Edition Introduction to Biomedical Instrumentation: The Technology of Patient Care Introduction to Biomedical Equipment Technology Causal Inference for Statistics, Social, and Biomedical Sciences: An Introduction

Dmca