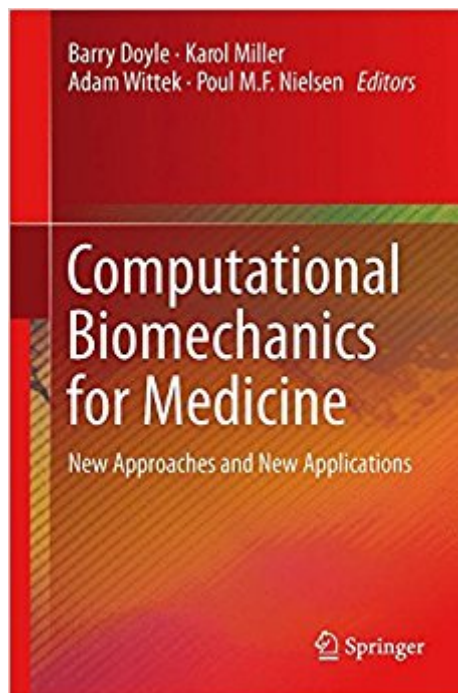




Ebook Directory
the best source of ebook

The book was found

Computational Biomechanics For Medicine: New Approaches And New Applications



Synopsis

The Computational Biomechanics for Medicine titles provide an opportunity for specialists in computational biomechanics to present their latest methodologies and advancements. This volume comprises twelve of the newest approaches and applications of computational biomechanics, from researchers in Australia, New Zealand, USA, France, Spain and Switzerland. Some of the interesting topics discussed are: real-time simulations; growth and remodelling of soft tissues; inverse and meshless solutions; medical image analysis; and patient-specific solid mechanics simulations. One of the greatest challenges facing the computational engineering community is to extend the success of computational mechanics to fields outside traditional engineering, in particular to biology, the biomedical sciences, and medicine. We hope the research presented within this book series will contribute to overcoming this grand challenge.

Book Information

Hardcover: 139 pages

Publisher: Springer; 2015 edition (April 25, 2015)

Language: English

ISBN-10: 3319155024

ISBN-13: 978-3319155029

Product Dimensions: 6.1 x 0.4 x 9.2 inches

Shipping Weight: 13.8 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,265,178 in Books (See Top 100 in Books) #94 in Books > Medical Books > Medicine > Surgery > Laparoscopic & Robotic #946 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Biochemistry #1124 in Books > Engineering & Transportation > Engineering > Bioengineering > Biomedical Engineering

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

Computational Biomechanics for Medicine: New Approaches and New Applications St Mary's BSc Sports Science Bundle: Physiology and Biomechanics: Introduction to Sports Biomechanics: Analysing Human Movement Patterns [Paperback] [2007] (Author) Roger Bartlett Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) Computational Photochemistry, Volume 16 (Theoretical and Computational Chemistry) In Silico Medicinal Chemistry: Computational Methods to Support Drug Design (Theoretical and Computational Chemistry Series) Interacting Electrons: Theory and

Computational Approaches Polymer Foams Handbook: Engineering and Biomechanics Applications and Design Guide Foundations of Educational Technology: Integrative Approaches and Interdisciplinary Perspectives (Interdisciplinary Approaches to Educational Technology) Approaches to Teaching Coetzee's Disgrace and Other Works (Approaches to Teaching World Literature) Clinical Approaches to the Mentally Disordered Offender (Wiley Series in Clinical Approaches to Criminal Behavior) Survival Medicine Handbook: Essential Things Every Medicine Kit Needs And First-aid In Case Of Emergency: (Survival Books, Survival Guide, Survivalist, ... (Survival Skills Book, Emergency Medicine) Essential Oils for Dogs: 100 Easy and Safe Essential Oil Recipes to Solve your Dog's Health Problems (Alternative animal medicine, Small mammal Medicine, Aromatherapy, Holistic medicine) Herbal Remedies:The Ultimate Guide to Herbal Healing, Magic, Medicine, Antivirals, Antibiotics,: herbs,Alternative Medicine, Magic, Medicine, Antivirals, ... Oils, Depression Cure, Natural Remedies,) Veterinary Laboratory Medicine, An Issue of Clinics in Laboratory Medicine, 1e (The Clinics: Internal Medicine) Extended Finite Element Method: Theory and Applications (Wiley Series in Computational Mechanics) Molecular Modeling at the Atomic Scale: Methods and Applications in Quantitative Biology (Series in Computational Biophysics) An Introduction to Biomechanics: Solids and Fluids, Analysis and Design Introduction to Computational Materials Science: Fundamentals to Applications Understanding Molecular Simulation, Second Edition: From Algorithms to Applications (Computational Science) Biomechanics of Sport and Exercise, 2nd Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)