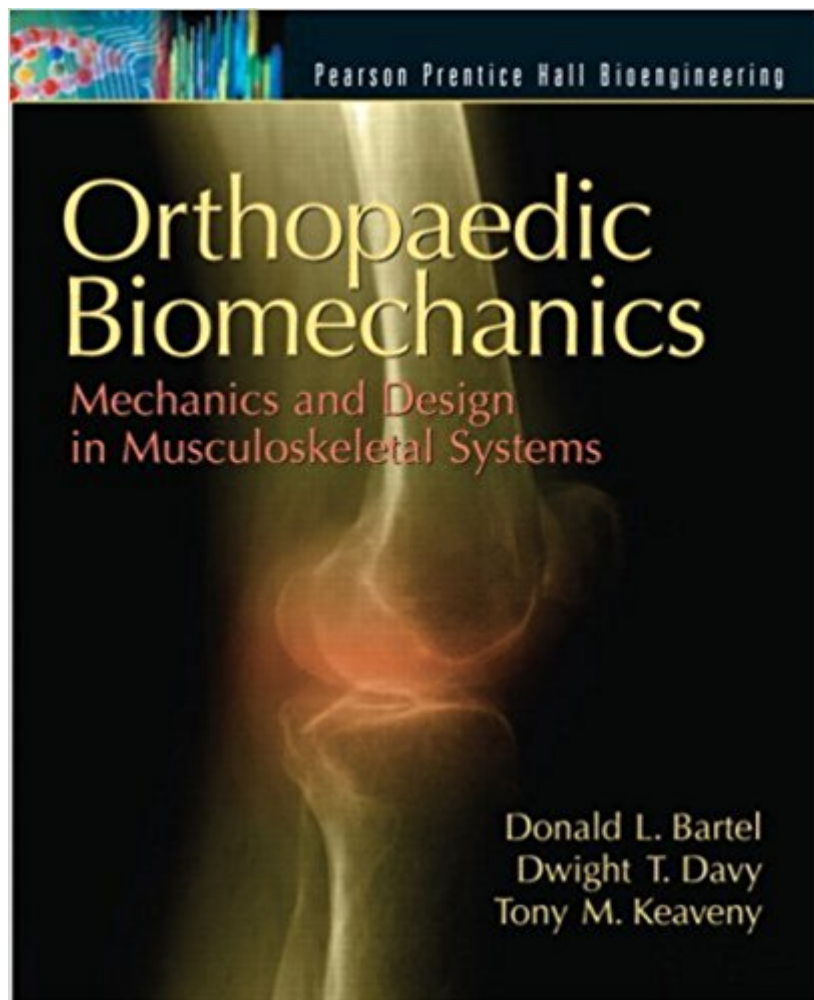




**Ebook Directory**  
the best source of ebook

The book was found

# Orthopaedic Biomechanics: Mechanics And Design In Musculoskeletal Systems



## Synopsis

This book addresses the mechanical and structural aspects of the skeletal system as well as along with the analysis and design of orthopaedic implants that are used to repair the system when it is damaged. Focuses on applications of mechanical engineering in orthopaedic biomechanics, quantitative modeling, and improving the reader's understanding of mechanics. Introduces the musculoskeletal system, determining loads and motions, the structure and properties of bone and soft tissue, and stress analysis of biomechanical systems), as well as introducing applications of the material (including a basic introduction to bone-implant systems, fracture fixation devices, hip replacements, knee replacements, and articulating surfaces). For those interested in orthopaedic biomechanics, as well as orthopedic surgeons who wish to learn more about mechanics and design in the musculoskeletal system.

## Book Information

Paperback: 384 pages

Publisher: Pearson; 1 edition (April 16, 2006)

Language: English

ISBN-10: 0130089095

ISBN-13: 978-0130089090

Product Dimensions: 8.1 x 0.9 x 9.2 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: 2.5 out of 5 stars 11 customer reviews

Best Sellers Rank: #317,909 in Books (See Top 100 in Books) #104 in Books > Engineering & Transportation > Engineering > Bioengineering > Biomedical Engineering #204 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Surgery > General #301 in Books > Medical Books > Medicine > Surgery > General Surgery

## Customer Reviews

As others have said, it's a poor quality book. Photocopied, yet very expensive. Example problems aren't very clear either. There's good qualitative information, but in a subject that requires a mastery of dynamics, you'd think they'd label their axis and use units in answers.

I found this book as disorganized and not a very easy read. The fact that my school required it for my course was the only reason I bought it.

Just rented this book, the cover is really beat up as well as the binding. The inner book seems fine.

It's for my daughter, she is studying the subject here in Switzerland, at ETH in Zurich. She needs to study the stuff. The students are recommended to buy this book, that's why we did.

I had to get this textbook for a class. The copy I received was softcover, black and white only, and most if not all of the pages were printed at a slant with little to no margins on some pages. I feel like I was the victim of some major bootlegging.

The text in the book is not properly aligned with the pages, and there are several parts with ink stains on them; the cover picture is fuzzy and color-insaturated, looks as if it was a bad-quality photocopy or something.

The printing quality is extremely poor. I was amazed to get such a low quality book (from the manufacturing point of view)!The content is of good quality.

This book does have good information though out and is easy to read. It's major downfall is the large number of typos in the problems at the end of the chapters.

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

Orthopaedic Biomechanics: Mechanics and Design in Musculoskeletal Systems Diagnosis and Treatment of the Lower Extremities: Nonoperative Orthopaedic Medicine and Manual Therapy (Nonoperative orthopaedic medicine & manual therapy) St Mary's BSc Sports Science Bundle: Physiology and Biomechanics: Introduction to Sports Biomechanics: Analysing Human Movement Patterns [Paperback] [2007] (Author) Roger Bartlett Basic Orthopaedic Biomechanics and Mechano-Biology, 3rd ed. An Introductory Text to Bioengineering (Advanced Series in Biomechanics) (Advanced Series in Biomechanics (Paperback)) Orthopaedic Surgery Essentials: Spine (Orthopaedic Surgery Essentials Series) A Concise Guide to Orthopaedic and Musculoskeletal Impairment Ratings Basic Biomechanics of the Musculoskeletal System Biomechanics of Musculoskeletal Injury, Second Edition Musculoskeletal Assessment: Joint Motion and Muscle Testing (Musculoskeletal Assesment) Management of Common Musculoskeletal Disorders: Physical Therapy Principles and Methods (Management of Common Musculoskeletal Disorders (Hertling)) Scientific Foundations and Principles of Practice in Musculoskeletal Rehabilitation, 1e (Musculoskeletal Rehabilitation Series ( MRS )) Atlas of Ultrasound Guided

Musculoskeletal Injections (Musculoskeletal Medicine) Graphic Design Success: Over 100 Tips for Beginners in Graphic Design: Graphic Design Basics for Beginners, Save Time and Jump Start Your Success (graphic ... graphic design beginner, design skills) Reinforced Concrete: Mechanics and Design (4th Edition) (Civil Engineering and Engineering Mechanics) An Introduction to Biomechanics: Solids and Fluids, Analysis and Design Fundamentals Of Information Systems Security (Information Systems Security & Assurance) - Standalone book (Jones & Bartlett Learning Information Systems Security & Assurance) Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) Computational Fluid Mechanics and Heat Transfer, Second Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) Design, When Everybody Designs: An Introduction to Design for Social Innovation (Design Thinking, Design Theory)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)