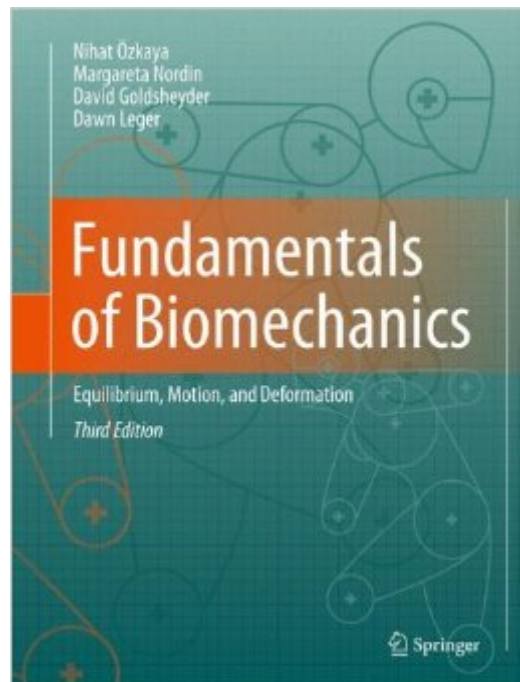


The book was found

Fundamentals Of Biomechanics: Equilibrium, Motion, And Deformation



Synopsis

Biomechanics applies the principles and rigor of engineering to the mechanical properties of living systems. This book integrates the classic fields of mechanics--statics, dynamics, and strength of materials--using examples from biology and medicine. Fundamentals of Biomechanics is excellent for teaching either undergraduates in biomedical engineering programs or health care professionals studying biomechanics at the graduate level. Extensively revised from a successful first edition, the book features a wealth of clear illustrations, numerous worked examples, and many problem sets. The book provides the quantitative perspective missing from more descriptive texts, without requiring an advanced background in mathematics. It will be welcomed for use in courses such as biomechanics and orthopedics, rehabilitation and industrial engineering, and occupational or sports medicine.

Book Information

Hardcover: 275 pages

Publisher: Springer; 3rd ed. 2012 edition (September 13, 2011)

Language: English

ISBN-10: 1461411491

ISBN-13: 978-1461411499

Product Dimensions: 8.3 x 0.9 x 10.9 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 4.2 out of 5 stars [See all reviews](#) (6 customer reviews)

Best Sellers Rank: #106,383 in Books (See Top 100 in Books) [#32 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Orthopedics](#) [#42 in Books > Medical Books > Medicine > Surgery > Orthopedics](#) [#54 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Physical Medicine & Rehabilitation](#)

Customer Reviews

This book is okay. I found a lot of errors when I was going through and I didn't really think there were enough problems. If you want to learn dynamics, which is essentially what this book teaches but in the context of biomechanical applications, then you should just buy a mechanics book. Main reason I didn't like this book was the errors I found and the demonstrations were not particularly great...

This book helped out a lot of read it before class it's short and to the point and thoroughly explains

examples. it also gives you the answers to problems so you can see if you're doing them right

Good information, but incredibly boring. As if text books were not dry enough, the authors seems as though they went to extra effort to rid the book of any possible excitement. I didn't buy the book for entertainment, but I still think that learning shouldn't have to be this boring

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

Fundamentals of Biomechanics: Equilibrium, Motion, and Deformation The Great Deformation: The Corruption of Capitalism in America Design for Motion: Fundamentals and Techniques of Motion Design Enzyme Kinetics: Behavior and Analysis of Rapid Equilibrium and Steady-State Enzyme Systems Energy and Entropy: Equilibrium to Stationary States Thermodynamics in Geochemistry: The Equilibrium Model Equilibrium Unemployment Theory - 2nd Edition Motion Simulation and Mechanism Design with SolidWorks Motion 2013 Motion Simulation and Mechanism Design with SOLIDWORKS Motion 2016 Step-by-Step Free-Motion Quilting: Turn 9 Simple Shapes into 80+ Distinctive Designs â € Best-selling author of First Steps to Free-Motion Quilting Biomechanics in Clinic and Research: An interactive teaching and learning course, 1e Biomechanics of the Foot and Ankle Mosby's Essential Sciences for Therapeutic Massage: Anatomy, Physiology, Biomechanics, and Pathology, 4e (On the Spot) Basic Orthopaedic Biomechanics and Mechano-Biology, 3rd ed. Aligner Orthodontics: Diagnostics, Biomechanics, Planning and Treatment Biomechanics in Orthodontics: Principles and Practice Esthetics and Biomechanics in Orthodontics, 2e Biomechanics and Esthetic Strategies in Clinical Orthodontics Biomechanics and Physical Training of the Horse The New Ride with Your Mind Clinic: Rider Biomechanics-Basics to Brilliance

[Dmca](#)