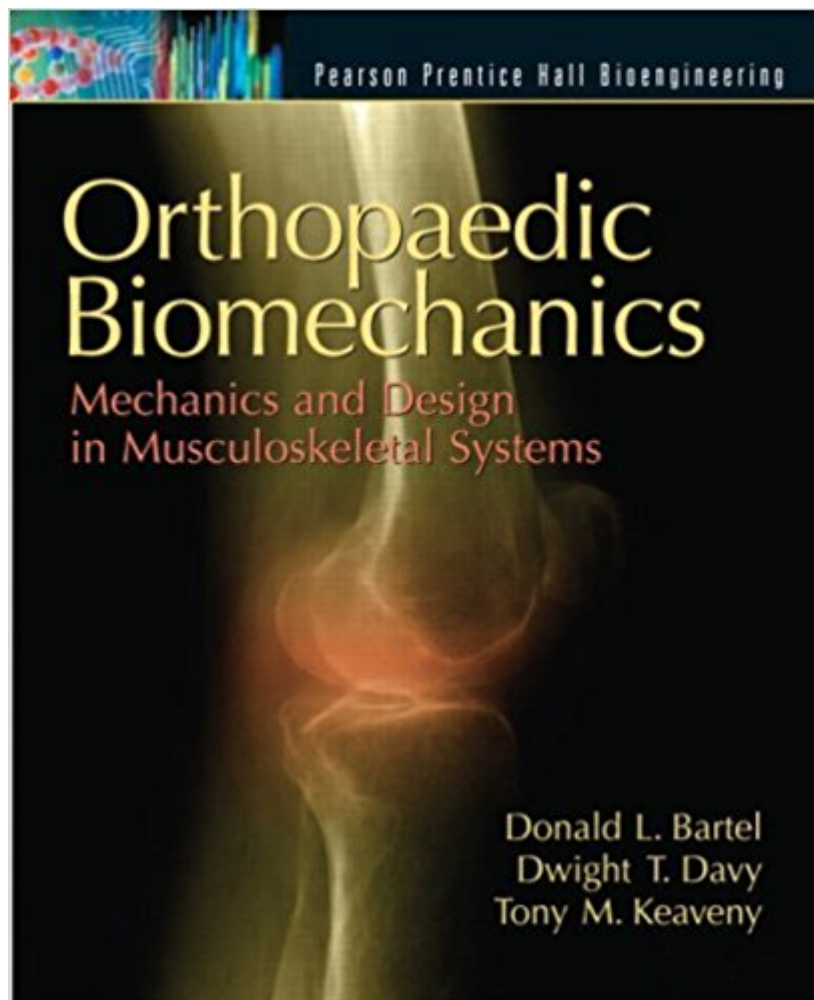




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Orthopaedic Biomechanics: Mechanics And Design In Musculoskeletal Systems



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

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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.

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