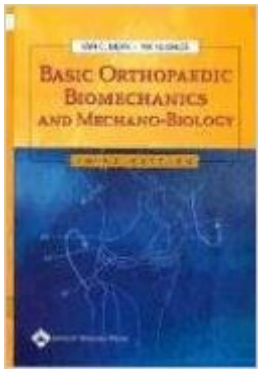
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Basic Orthopaedic Biomechanics And Mechano-Biology, 3rd Ed.



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Synopsis

Completely revised and updated, the Third Edition of this classic text reflects the latest advances in research on orthopaedic biomechanics and the successful applications of biomechanical principles in fracture fixation, prosthetic implant design, and hip and knee arthroplasty. For this Third Edition, Dr. Mow is joined by new co-editor Rik Huiskes, PhD, an Editor-in-Chief of the Journal of Biomechanics and an internationally renowned authority in the field. New chapters cover biomaterials, biomechanical principles of cartilage and bone tissue engineering, and biomechanics of fracture fixation and fracture healing.

Book Information

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Customer Reviews

Praise for the previous edition: "This new edition is a celebration of the rapid strides that have been made in our understanding of musculoskeletal biomechanics and in the design and evaluation of joint-arthroplasty components...This text should find a welcome place in orthopaedic and engineering libraries."BioMedical Engineering OnLine, 28-APR-05, EduardoBioMedical Engineering OnLine, 28-APR-05, Eduardo Abreu, Department of Orthopaedic Surgery, Children’s Hospital of Boston, Boston, MA -- "This is an excellent book in orthopaedic biomechanics that will greatly benefit all members of the biomechanics community. It can be used as a text for beginning and advanced students, as well as a reference for both students and researchers at all levels, or for those who just want to learn something about biomechanics."--BioMedical Engineering OnLine

Older but decent textbook that is both simple and technical for a variety of readers.

Used for biomechanics class for graduate mechanical engineering studies, decent read, good information. We didn’t use the book quite as much as notes and papers but it worked well to compliment the class.

This textbook does a fair job of covering the signifigant aspects of Bio-Mechanics. It is interesting that the chapters cover some theory of the subject and some current research summaries. If you are looking for a text on just the "engineering/math" aspects, this book may have too many other topics included. But for someone interested in seeing how the discussed concepts (bone generation, cartliage properties, etc) interact with real world research and findings, this book is a good example.

Has pages in it that are photo copied and pasted in the book. It will make it horrible for resale unless I do the same dueshy thing.

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