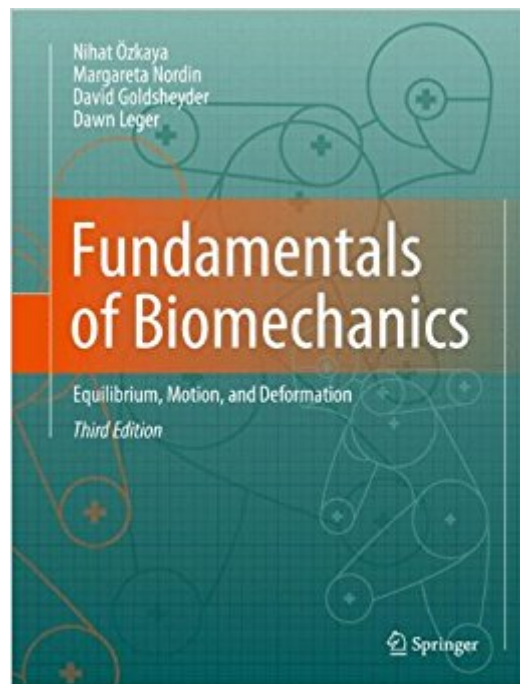




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Fundamentals Of Biomechanics: Equilibrium, Motion, And Deformation



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

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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

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