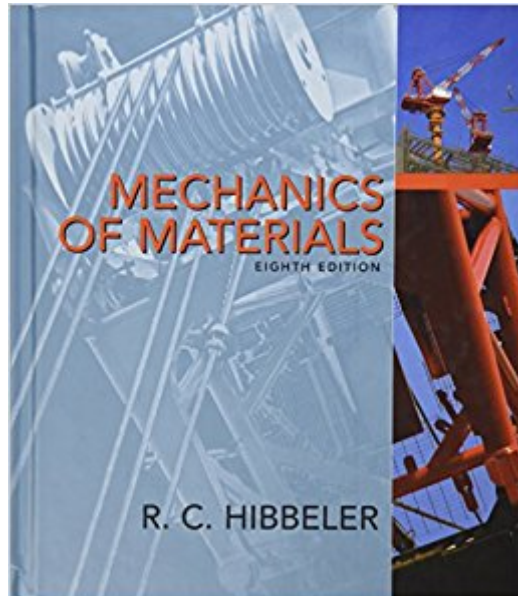




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Mechanics Of Materials (8th Edition)



Synopsis

Mechanics of Materials, 8e, is intended for undergraduate Mechanics of Materials courses in Mechanical, Civil, and Aerospace Engineering departments. Containing Hibbeler's hallmark student-oriented features, this text is in four-color with a photorealistic art program designed to help students visualize difficult concepts. A clear, concise writing style and more examples than any other text further contribute to students' ability to master the material. Click here for the Video Solutions that accompany this book. Developed by Professor Edward Berger, University of Virginia, these are complete, step-by-step solution walkthroughs of representative homework problems from each section of the text.

Book Information

Hardcover: 888 pages

Publisher: Prentice Hall; 8th edition (April 1, 2010)

Language: English

ISBN-10: 0136022308

ISBN-13: 978-0136022305

Product Dimensions: 8.3 x 1.4 x 9.5 inches

Shipping Weight: 3.4 pounds

Average Customer Review: 4.1 out of 5 stars 166 customer reviews

Best Sellers Rank: #69,129 in Books (See Top 100 in Books) #15 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Strength of Materials #31

in Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural #38 in Books > Science & Math > Physics > Mechanics

Customer Reviews

"This text describes the major challenge from the classical beam theory, and then presents the transformation method, plus a few examples. I think the author's presentation style is very systematic and clear." L.R. Xu, Vanderbilt University

"The best features of this text include its clear presentation of course materials, and very good examples." L.R. Xu, Vanderbilt University

"I enjoy teaching this book. The best MOM book on the market for the students." Akthem Al-Manaseer, San Jose State University

"It is well organized with objectives, important points, procedures, and examples set out from the text. It has lots of problems to select from." Cliff Lissenden, Penn State

"There are many worked examples throughout the book. And these do not skip steps, which is important to the majority of learners." Cliff Lissenden, Penn State

• The author has done an excellent job conveying the concepts. The textbook is easy to follow and all the ideas are clearly presented. • Yabin Liao, Arizona State University • Very detailed examples; beautiful and clear art work; lots of problems; and a very good coverage of all the basic concepts. • Yabin Liao, Arizona State University • The author presents the material as an introduction to the solution of real world design and analysis problems without sacrificing the theoretical basis of each topic. • John F. Oyler, University of Pittsburgh • This is one of the premier books for teaching strength of materials. • Julio Ramirez, Purdue University • Presentation (first rate), instructor resources, and quantity of examples and problems are the top features of this book. • Julio Ramirez, Purdue University

R.C. Hibbeler graduated from the University of Illinois at Urbana with a BS in Civil Engineering (major in Structures) and an MS in Nuclear Engineering. He obtained his PhD in Theoretical and Applied Mechanics from Northwestern University. Hibbeler's professional experience includes postdoctoral work in reactor safety and analysis at Argonne National Laboratory, and structural work at Chicago Bridge and Iron, as well as Sargent and Lundy in Tucson. He has practiced engineering in Ohio, New York, and Louisiana. Hibbeler currently teaches at the University of Louisiana, Lafayette. In the past he has taught at the University of Illinois at Urbana, Youngstown State University, Illinois Institute of Technology, and Union College.

BE AWARE OF THE PAPERBACK VERSION !!! THIS IS AN INTERNATIONAL CHEAP EDITION THAT IS PRINTED IN BLACK AND WHITE IN INDIA! THIS IS COMPLETE WASTE OF MONEY SINCE IT DOES NOT CONTAIN THE TABLES THAT YOU WILL NEED FOR THIS COURSE.

Absolutely great deal! Especially because this textbook was shipped out right away. Someone on the other end was considerate enough to be aware that my college student could use the textbook sooner than later. We could not be more happy with the product or the service. Thank you!

Note: this is the soft cover version. I noticed someone complaining that they didn't know so I thought I'd throw that in. That said, since it is the soft cover version, it does not come with the handy spreadsheet listing known moduli that are kinda needed to do the problems. On top of that, the book is in black and white. Now for the most part this doesn't change a thing, but there are several problems that are quite hard to read because of this. Upside is that it's significantly cheaper than the hardcover!

This book, like the Hibbeler books in Statics and Dynamics was rather straight and to the point, which is great for engineering classes. The book was, overall, very focused on applications and showed many examples. A better coverage of each principle (through talking through the concept a little more) would have, perhaps, assisted the learning process and application. This is only speculation, though. The book taught the given material well, though, and gave both simple and challenging problems to work through. It was an excellent book for an undergraduate class.

perfect

this is some indian version and it doesn't have the important tables necessary for many homework problems

Seller gave poor quality used book, but the information in this book is great. There's a lot of examples and it explains things clear enough. The drawings aren't always correct but they're just for reference anyways.

This book has good problems example. Easy to understand. Even if I am an electrical engineer that needs to know this subject I can learn it without major difficulty. My knowledge with Calculus and engineering mechanic are enough for reading this books.

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