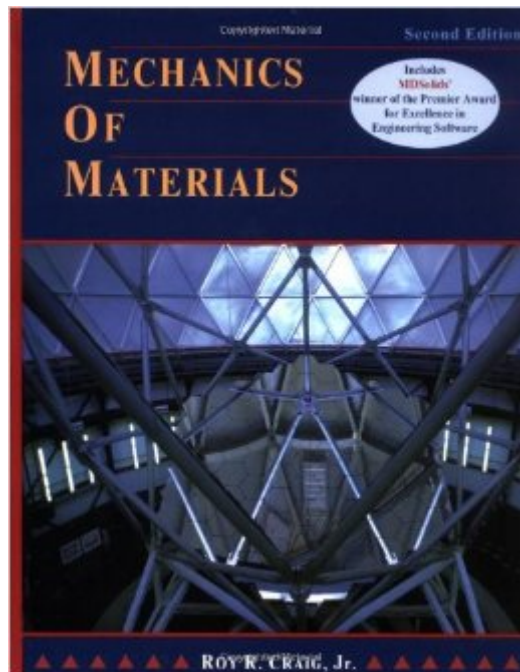


The book was found

# Mechanics Of Materials, 2nd Edition



## Synopsis

The revision of this successful mechanics of materials text continues to feature a strong emphasis on the basics - equilibrium, force-temperature-deformation behavior of materials and geometry of deformation

## Book Information

Hardcover: 816 pages

Publisher: Wiley; 2 edition (November 16, 1999)

Language: English

ISBN-10: 0471331767

ISBN-13: 978-0471331766

Product Dimensions: 8.3 x 1.4 x 10.1 inches

Shipping Weight: 3.7 pounds

Average Customer Review: 4.8 out of 5 stars [See all reviews](#) (4 customer reviews)

Best Sellers Rank: #943,110 in Books (See Top 100 in Books) #90 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Strength of Materials](#) #590 in [Books > Science & Math > Physics > Mechanics](#) #802 in [Books > Textbooks > Science & Mathematics > Mechanics](#)

## Customer Reviews

I became familiar with this outstanding text when my son took a strength of materials course at the University of Texas at Austin. As a Professional Structural Engineer, I understood the importance of this course in the engineering curriculum. Also, I know from experience that many good students have trouble mastering the material. So I bought a copy so I could help my son by telephone. I am familiar with all the major texts in this subject including the classic book by Gere and Timoshenko and the popular text by Beer and Johnston. I was immediately impressed with the Craig book. The text has clear discussions and explanations and a masterful emphasis on the three fundamentals of structural mechanics: equilibrium, material behavior and geometry of deformation. For my money it is head and shoulders above the Gere and Timoshenko and the Beer and Johnston texts. Not that they are bad books; but the Craig book is a much better book. The Beer and Johnston text is largely a cookbook approach. The emphasis is on learning specific methods to solve specific types of problems. The Gere and Timoshenko text is a virtual strength of materials encyclopedia. No book in this field has a more thorough discussion of beams. But what students (and practicing engineers) need most is where the Craig text has no peer: 1) clear, simple explanations with an emphasis on

equilibrium, material behavior, and geometry of deformation and 2) a rational and logical problem solving procedure that shows students how practicing engineers approach real-world problems. A student who learns the material in this book will have solid basis for becoming a competent engineer and for more advanced work in structural mechanics. Some of the strengths of this text include: 1.

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

Mechanics II: Mechanics of Materials + Statics and Mechanics of Materials (2nd Edition) Advanced Mechanics of Materials (2nd Edition) Mechanics of Materials, 2nd Edition Reinforced Concrete: Mechanics and Design (4th Edition) (Civil Engineering and Engineering Mechanics) Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) Robotics: The Beginner's Guide to Robotic Building, Technology, Mechanics, and Processes (Robotics, Mechanics, Technology, Robotic Building, Science) Soil Mechanics in Highway Engineering (Series on Rock and Soil Mechanics) Statics and Mechanics of Materials (4th Edition) Mechanics of Materials (10th Edition) Statics and Mechanics of Materials (5th Edition) Mechanics of Materials (7th Edition) Statics and Mechanics of Materials (3rd Edition) Mechanics of Materials (9th Edition) Mechanics of Composite Materials, Second Edition (Mechanical and Aerospace Engineering Series) Mechanics of Materials (8th Edition) Mechanics of Materials, Brief Edition Advanced Mechanics of Materials and Applied Elasticity (5th Edition) Mechanics of Materials, 3rd Edition Deformation and Fracture Mechanics of Engineering Materials

[Dmca](#)