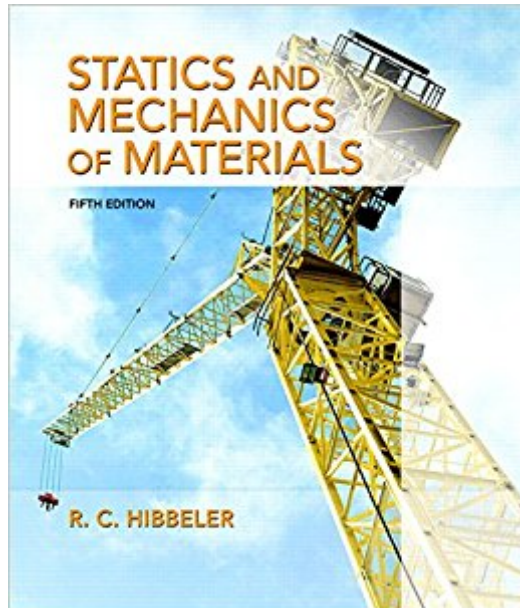




**Ebook Directory**  
the best source of ebook

The book was found

# Statics And Mechanics Of Materials (5th Edition)



## Synopsis

For courses in introductory combined Statics and Mechanics of Materials courses found in ME, CE, AE, and Engineering Mechanics departments. Statics and Mechanics of Materials represents a combined abridged version of two of the author's books, namely Engineering Mechanics: Statics, Fourteenth Edition and Mechanics of Materials, Tenth Edition. It provides a clear and thorough presentation of both the theory and application of the important fundamental topics of these subjects, that are often used in many engineering disciplines. The development emphasizes the importance of satisfying equilibrium, compatibility of deformation, and material behavior requirements. The hallmark of the book, however, remains the same as the author's unabridged versions, and that is, strong emphasis is placed on drawing a free-body diagram, and the importance of selecting an appropriate coordinate system and an associated sign convention whenever the equations of mechanics are applied. Throughout the book, many analysis and design applications are presented, which involve mechanical elements and structural members often encountered in engineering practice. Also Available with MasteringEngineering . MasteringEngineering is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Interactive, self-paced tutorials provide individualized coaching to help students stay on track. With a wide range of activities available, students can actively learn, understand, and retain even the most difficult concepts. The text and MasteringEngineering work together to guide students through engineering concepts with a multi-step approach to problems. Note: You are purchasing a standalone product; MasteringEngineering does not come packaged with this content. Students, if interested in purchasing this title with MasteringEngineering, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MasteringEngineering, search for: 0134301005 / 9780134301006 Statics and Mechanics of Materials Plus MasteringEngineering with Pearson eText -- Access Card Package, 5/e Package consists of: 0134395107 / 9780134395104 MasteringEngineering with Pearson eText 0134382595 / 9780134382593 Statics and Mechanics of Materials, 5/e

## Book Information

Hardcover: 928 pages

Publisher: Pearson; 5 edition (May 19, 2016)

Language: English

ISBN-10: 0134382595

ISBN-13: 978-0134382593

Product Dimensions: 8.1 x 1.4 x 9.3 inches

Shipping Weight: 3.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #11,786 in Books (See Top 100 in Books) #2 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Structural #3 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Strength of Materials #4 in Books > Science & Math > Physics > Nanostructures

## Customer Reviews

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

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

Engineering Mechanics: Statics Plus MasteringEngineering with Pearson eText -- Access Card Package (14th Edition) (Hibbeler, The Engineering Mechanics: Statics & Dynamics Series, 14th Edition) Statics and Mechanics of Materials (5th Edition) Statics and Mechanics of Materials (4th Edition) Statics and Mechanics of Materials (3rd Edition) Statics and Mechanics of Materials (2nd Edition) Engineering Mechanics: Statics (5th Edition) Engineering Mechanics: Statics & Dynamics (5th Edition) Statics and Mechanics of Materials Statics and Mechanics of Materials: An Integrated Approach Applied Statics and Strength of Materials (5th Edition) Engineering Mechanics: Statics, Student Value Edition Plus MasteringEngineering with Pearson eText -- Access Card Package (14th Edition) Engineering Mechanics: Statics, Student Value Edition (14th Edition) Engineering Mechanics: Statics (14th Edition) Vector Mechanics for Engineers: Statics, 11th Edition Engineering Mechanics: Statics (13th Edition) Engineering Mechanics: Statics & Dynamics (14th Edition) Engineering Mechanics: Statics & Dynamics (13th Edition) Engineering Mechanics - Statics (11th

Edition) Engineering Mechanics: Statics (12th Edition) Vector Mechanics for Engineers: Statics and Dynamics (Mechanical Engineering)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)