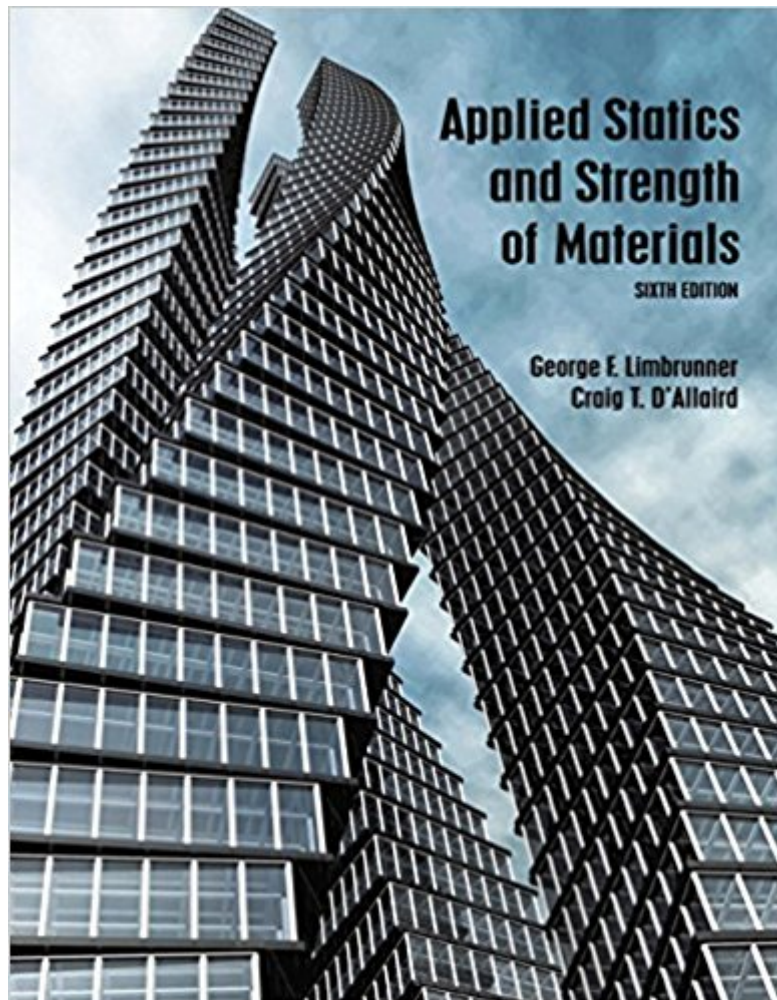




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Applied Statics And Strength Of Materials (6th Edition)



Synopsis

This resource provides the necessary background in mechanics that is essential in many fields, such as civil, mechanical, construction, architectural, industrial, and manufacturing technologies. The focus is on the fundamentals of material statics and strength and the information is presented using an elementary, analytical, practical approach, without the use of Calculus. To ensure understanding of the concepts, rigorous, comprehensive example problems follow the explanations of theory, and numerous homework problems at the end of each chapter allow for class examples, homework problems, or additional practice for students. Updated and completely reformatted, the Sixth Edition of *Applied Statics and Strength of Materials* features color in the illustrations, chapter-opening Learning Objectives highlighting major topics, updated terminology changed to be more consistent with design codes, and the addition of units to all calculations.

Book Information

Hardcover: 552 pages

Publisher: Pearson; 6 edition (January 23, 2015)

Language: English

ISBN-10: 0133840549

ISBN-13: 978-0133840544

Product Dimensions: 8.5 x 0.9 x 10.9 inches

Shipping Weight: 2.7 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars 9 customer reviews

Best Sellers Rank: #19,359 in Books (See Top 100 in Books) #6 in Books > Science & Math > Physics > Nanostructures #6 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Strength of Materials #31 in Books > Textbooks > Engineering > Mechanical Engineering

Customer Reviews

George F. Limbrunner is an alumnus of Rensselaer Polytechnic Institute and Professor Emeritus of Civil Engineering Technology at Hudson Valley Community College where he taught structural engineering for 38 years. Craig D. Allaird is a licensed professional engineer in the state of New York with 15 years or experience in structural, geotechnical and architectural engineering. Craig is currently an Assistant Professor of Civil Engineering Technology, Construction Technology and Architectural Technology at Hudson Valley Community College in Troy, New York. Craig is an alumnus of Rensselaer Polytechnic Institute where he earned Bachelors and Masters

of Science degrees in Civil Engineering, as well as Hudson Valley Community College where he earned an Associates of Applied Science degree in Civil Engineering Technology with an emphasis in Architecture. Craig is a Member of the American Society of Civil Engineers as well as a past member of the National Society of Professional Engineers.

A decent text for an introduction to Statics. The fact that the book continues on into strength of materials was a bonus at my university since the instructors continue with the coursework using the same text. I will hang onto this for future reference for sure. Strengths of the text - Provides a good foundation without calculus, states the basic procedures for solving the different types of problems, a good variety of examples for instructors to choose from. Opportunities for improvement - Include more in-text examples that exposes the student to other types of statics problems, enlarge the diagrams that show many forces and angles so students may get a clearer understanding of all forces acting on a body.

The example problems in the book skip a lot of steps. They will do some short hand math, but not mention it and expect you to know what they did. Granted the math they do without telling you is easy, it makes it confusing to figure out what the author is doing sometimes (a lot of "where did that number come from?" moments). The paper is that thin glossy paper, almost like a magazine. It was hard to hi-light on with my hi-lighter.

The narrative is confusing and doesn't break down the sample problems very well. Exercises are difficult. I found Purdue University's Applied Statics and Strength of Material free pdf, to be a much better reference for this type of material. Good luck if you need this book. Renting is a good option!

Pictures don't pixelate when zooming in and easy to read and highlight on tablet & computer

Delivered in good condition, no problems with this textbook at all. Returning it after the semester ended was easy.

Exactly as described and prompt delivery

Great condition and exactly what I needed for this semester's Statics class and next semester's Strength of Materials class.

Book was shipped and is as described. Thank you for the book.

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