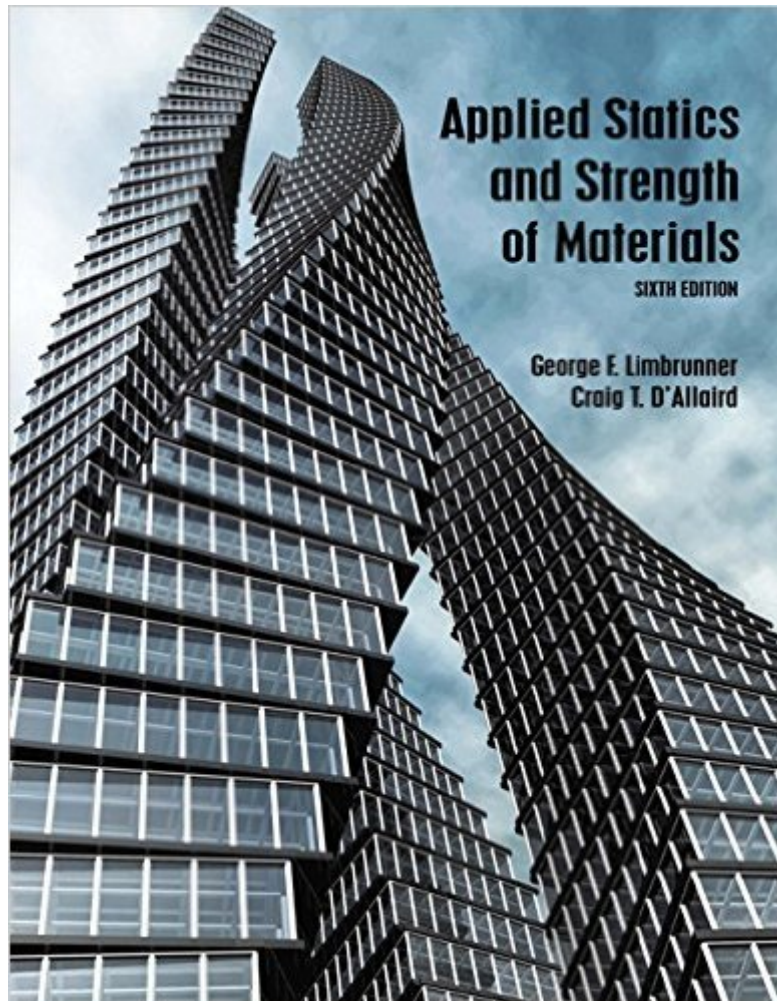# Applied Statics And Strength Of Materials (6th Edition)

Synopsis

Â¿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

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Customer Reviews

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 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!

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

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