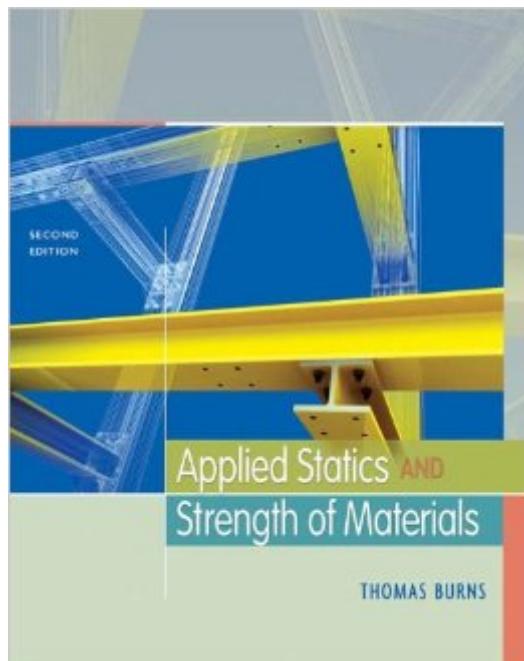


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# Applied Statics And Strength Of Materials



## **Synopsis**

APPLIED STATICICS AND STRENGTH OF MATERIALS, 2nd Edition provides engineering and construction technology readers with a strategy for successful learning of basic structural behavior and design. The book is written at a fundamental level while providing robust detail on problem-solving methods on a variety of recognizable structures, systems, and machines. Topics covered include easy-to-understand discussion on equilibrium, trusses, frames, centroids, moment of inertia, direct stress, combined stress, beam mechanics, and much more. The book also includes extensive coverage on the design of beams, columns, and connections which include the latest design specifications using steel, concrete, and wood. More than 175 fully worked examples and 500 exercise problems offer thorough and comprehensive reinforcement of the material using recognizable structural and mechanical elements which connect the readers to the real-world.

## **Book Information**

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## **Customer Reviews**

When I first started Statics and Strength of Materials I had trouble understanding Statics and some theories in Strength of Materials. I have studied and read "Schaum's Outline Statics and Strength of Materials" by John J. Jackson & Harold G. Wirtz, and also "Applied Statics and Strength of Materials" by Spiegel Limbrunner. This is the best book I read on this subject so far. After reading this book I finally understood everything. The book is very readable the author did a excellent job explaining everything specially in Statics. If your learning this subject for the first time this is the book

to get. The only down fall of this book is that there are errors and misprints in some of the examples in this book. Hopefully they come out with a second edition with the errors and misprints corrected. I still gave this book 5 stars because of the superior job the author did in explaining this subject.

This book is nothing short of wonderful. I have always struggled with structures and statics but after using this text, it's all finally clear! The author is very thorough yet not overly wordy and has a way of explaining these topics that makes them easy to understand while not detracting from their complex applications. I would recommend this text to both students and practicing professionals. Rarely does an individual possess the ability to explain topics in a way that can educate both those who are very familiar with these topics and those to who these topics are completely foreign. A great buy!

I like the product, I have had the course before and wanted a book to refresh my skills. This work is a very fine work, easy to follow, good examples, just what I needed to brush up on my skills. Good job!

I purchased Applied Statics and Strength of Materials mainly to refresh my memory. It is educational and clearly explained concepts.

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