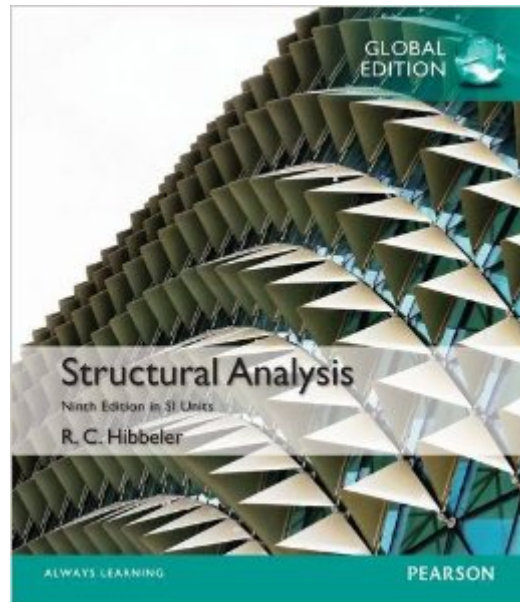




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# Structural Analysis In Si Units



## Synopsis

For Fluid Mechanics courses found in Civil and Environmental, General Engineering, and Engineering Technology and Industrial Management departments. Structural Analysis is intended for use in Structural Analysis courses. Structural Analysis provides students with a clear and thorough presentation of the theory and application of structural analysis as it applies to trusses, beams, and frames. Emphasis is placed on teaching students to both model and analyze a structure. Hibbeler's problem solving methodology, Procedures for Analysis, provides students with a logical, orderly method to follow when applying theory. Teaching and Learning Experience To provide a better teaching and learning experience, for both instructors and students, this text provides: Current Material: To keep your course current and relevant, the Ninth Edition includes new discussions and a new chapter. Problem Solving: A variety of problem types, at varying levels of difficulty, stress practical situations encountered in professional practice. Visualization: The photorealistic art program is designed to help students visualize difficult concepts. Review and Student Support: A thorough end of chapter review provides students with a concise tool for reviewing chapter contents. Triple Accuracy Checking: The accuracy of the text and problem solutions has been thoroughly checked by three other parties. MasteringEngineering is not included. Students, if MasteringEngineering is a recommended/mandatory component of the course, please ask your instructor for the correct ISBN and course ID. MasteringEngineering is not a self-paced technology and should only be purchased when required by an instructor. Instructors, contact your Pearson representative for more information. MasteringEngineering is an online homework, tutorial, and assessment product designed to personalize learning and improve results. With a wide range of interactive, engaging, and assignable activities, students are encouraged to actively learn and retain tough course concepts.

## Book Information

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## Customer Reviews

R.C. Hibbeler graduated from the University of Illinois at Urbana with a BS in Civil Engineering (major in Structures) and an MS in Nuclear Engineering. He obtained his PhD in Theoretical and Applied Mechanics from Northwestern University. 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 Sargent and Lundy in Chicago. He has practiced engineering in Ohio, New York, and Louisiana. Hibbeler currently teaches both civil and mechanical engineering courses at the University of Louisiana, Lafayette. In the past he has taught at the University of Illinois at Urbana, Youngstown State University, Illinois Institute of Technology, and Union College. --This text refers to the Hardcover edition.

I already rated the CD that comes with the book in accident instead of the book so I will keep this short. This book is a must have for civil/structural majors. I bought it in undergrad, kept it after the classes I used it for were over and now I use it for review or reference in my grad classes. Love this book. It's very simple to read, good intro to structural analysis and great reference for when you need to remember a specific analysis method. Structural students buy this book and keep it.

This book is written in a format that is easy to follow and understand, examples are plenty and explained well. Includes plenty of problems to work through; this is one of the few books where I can't say that the problems are much harder/different than the given examples because the basic fundamentals and steps applied to an example will solve any problem in the chapter.

Good book. I like it. Got a C in the class and passed it thanks to this book. I had a rough quarter and didn't go to class and this book helped me pull through and pass.

As the author Hibbler does in all of his textbooks, there is little to no explanation surrounding the theory of the topics. 20% of the textbook is explanation of the topics, while the rest of the textbook

contains examples and problems. Many of the problems are much more complex than the examples given, but if you have a good professor for the class, you should be alright. That being said, Hibbler does a good job of depicting all of the structural analysis methods in a very simple, easy-to-understand way. Therefore if you read this textbook, you will learn a lot, especially simple and short cut ways to solve structural analysis problems.

Very Fantastic! Delivery is too awesome! The book reached my apartment even one day before the promised earliest day. The book is also in good condition! Thank you so much!

A few of these questions might have been on the FE. Might have been the professor, but I felt like I had a solid grasp on the subject matter after the course.

The professor recommended the older edition of this textbook and so this is what we are using. This copy was good and clear and fit the bill.

Good book, I like learning by doing examples and lots of problems.

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