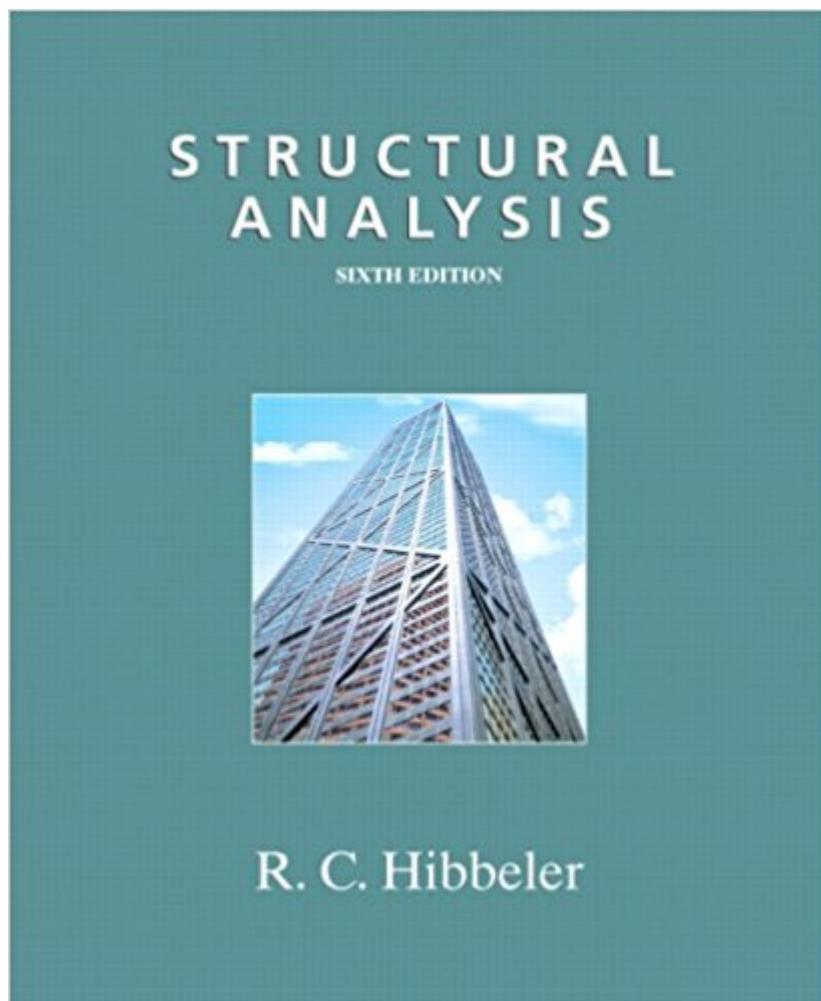The book was found

Structural Analysis (6th Edition)

STRUCTURAL ANALYSIS

SIXTH EDITION

R. C. Hibbeler

Synopsis

For courses in Structural Analysis. This book 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. Procedures for Analysis, Hibbeler's problem solving methodologies, provides students with a logical, orderly method to follow when applying theory.

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Customer Reviews

The text gives a thorough presentation of the theory of structural analysis and its application to trusses, beams, and frames. Discussions relevant to a particular theory are concise yet thorough, and, in most cases, are followed by "Procedures for Analysis"--a logical, orderly method for students to follow when applying theory. --This text refers to an out of print or unavailable edition of this title.

NEW TO THIS EDITION NEW—Approximately 15% NEW problems. Example problems demonstrate the application of theory to practical engineering problems. NEW—Project Problems that involve realistic structural systems. These projects will give the user a sense of what is required to model and then analyze an actual structure. Photographs of the structure will be given. The determination of the loads will be required. The members will have to be represented by an idealized model. The theory will be applied to obtain the reactions and construct the shear and moment diagrams. NEW—Over 100 photographs dispersed throughout the book present the solution of realistic applications and explanations of the theory. Some of these photos are used in

the problem sets. NEW—Expands Chapter 1 on loadings to include a more detailed discussion of loadings. NEW—Includes a simple analysis of shear wall loadings. NEW—Enhances the use of the computer program STRAN from previous editions to include the construction of shear and moment diagrams for frames. The program is easy to understand and use, and works in a Windows environment, rather than in DOS. NEW—Expanded coverage of the matrix stiffness method. NEW—Uses STRAN, or any other suitable structural analysis program, as a means to check the solutions of the problems. This encourages the student to consider computer applications earlier in the course, rather than at the end, when the Stiffness Method is covered. FEATURES Features exceptional illustrations, photographs, and design elements to enhance the realism of examples. Includes Procedures for Analysis in most sections of the text, along with example problems illustrating the procedures, to provide a logical, method to follow when applying the theory presented in each section. --This text refers to an out of print or unavailable edition of this title.

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 know 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 were 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! Delievery 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.

Structural Analysis and Synthesis: A Laboratory Course in Structural Geology 3rd (third) edition by Rowland, Stehen M., Duebendorfer, Ernest M., Schiefelbein, I published by Wiley-Blackwell (2007) [Spiral-bound] Structural Analysis and Synthesis: A Laboratory Course in Structural Geology, 2nd Edition Structural Analysis and Synthesis: A Laboratory Course in Structural Geology Structural Analysis (6th Edition) Strengthening of Reinforced Concrete Structures: Using Externally-Bonded Frp Composites in Structural and Civil Engineering (Woodhead Publishing Series in Civil and Structural Engineering) Structural Dynamics of Earthquake Engineering: Theory and Application Using Mathematica and Matlab (Woodhead Publishing Series in Civil and Structural Engineering) The Techniques of Modern Structural Geology, Volume 3: Applications of Continuum Mechanics in Structural Geology Structural Steel Design (6th Edition) Six-Minute Solutions for Civil PE Exam Structural Problems, 6th Ed Structural Analysis (9th Edition) Structural Analysis (7th Edition) Structural Analysis Plus MasteringEngineering with Pearson eText -- Access Card Package (9th Edition) Introduction to Aircraft Structural Analysis, Second Edition The Nuclear Overhauser Effect in Structural and Conformational Analysis, 2nd Edition Analytics: Business Intelligence, Algorithms and Statistical Analysis (Predictive Analytics, Data Visualization, Data Analytics, Business Analytics, Decision Analysis, Big Data, Statistical Analysis) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Structural Analysis in Si Units Fundamentals of Aircraft Structural Analysis Structural Analysis Using SAP2000: Includes a Real Life Example: Moment Envelope of an Indeterminate Beam Structural Analysis and Design of Tall Buildings: Steel

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