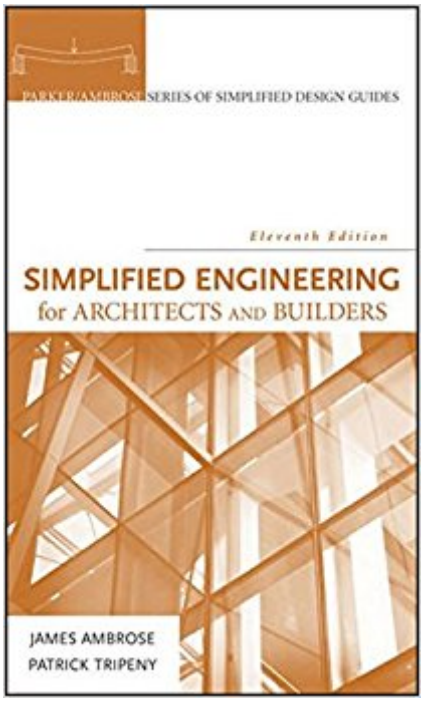
Simplified Engineering For Architects And Builders



Synopsis

The classic reference for structural design and constructionâ ”completely revised and updated Approaching its eighth decade as the industry leader, Simplified Engineering for Architects and Builders remains the reference of choice for designers and constructors. This new Eleventh Edition is thoroughly revised and updated to reflect the latest practices in the design of structures. Long considered a standard in the field, this perennial bestseller provides a clear, accessible presentation of the engineering information that is essential for architects and builders. Offering a concise, highly readable introduction to the investigation and design of ordinary structures for buildingsâ ”including information on structural analysis, materials, and systemsâ ”this thoroughly updated Eleventh Edition includes: The latest building and material codes A fresh look at the LRFD method as well as the ASD method of structural design A revised section on the principles of structural mechanics for the latest generation of designers and builders Essential formulas for the solution of structural problems More than 200 descriptive illustrations A companion Web site that now provides access to the Study Guide to Accompany Simplified Engineering for Architects and Builders An unparalleled resource for students and professionals in architecture, construction, and civil engineering, Simplified Engineering for Architects and Builders, Eleventh Edition boils structural engineering down to its essentials and provides the simple design solutions that are used for the vast majority of buildings.

Book Information

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Customer Reviews

JAMES AMBROSE is Editor of the Parker/Ambrose Series of Simplified Design Guides. He practiced as an architect in California and Illinois, and as a structural engineer in Illinois. He was a professor of architecture at the University of Southern California. PATRICK TRIPENY is Director of School of Architecture and an associate professor at the University of Utah. He teaches the architectural structures sequence in the School of Architecture and the graduate design studio. He is the recipient of several teaching awards including the ACSA/AIAS New Faculty Teaching Award in 2001 and the University of Utah's Early Career Teaching Award in 2000-2001.

Very useful book, has all the calculations you would need for conventional construction, the index is difficult to navigate however. And this is certainly not a quick reference book. It often takes time to find and determine what you need. It gives you the process, variables and equations, but everything else is on you.Very much a classroom book.

I've done about a million sheer and moment diagrams in steel, wood, and concrete. Yet I still can't explain why the units of moment of inertia are inches squared or why the location of the centroid is of any great importance. In other words this is another book which is very good at explaining the "how" of statics but not the "why".

I had to buy this book for my Intermediate Structures class, and while I've learned a decent amount, the format of this book has not been helpful. The tables are wonderful, but equations in the book are written without units, so unless you know exactly where the author is pulling his numbers from, you will get lost and end up screwing up your own calculations.Its decent for reference for the tables, but there are better-written books for learning structures.

The book rental system is very handy, as I got a book I only need for one semester for less than 20% of the purchase price. The book itself, not so great. There are several glaring errors and typos which should have been fixed by this 11th edition. Our instructor uses the 10th edition, and the same errors have carried over from that one. The small page sizes also make for a very thick book that is hard to keep open. If you don't need it for a particular class, I don't know that I would get this.

I ordered this book in preparation for the ARE SS exam.It does a decent job at explaining some concepts, but not as through as the Ballast or Kaplan guide. It give example problem, but never explains thoroughly how units are derived. I barely used it after reading the first few pages. I don't

even know if I will keep it past the SS exam.

I really like this book because of how the steps are explained and the amount of varied examples given. I ended up actually keeping this text book. This is coming from the guy who uses his e-reader and downloads as often as possible and sells all text books necessary to buy on the last day of the semester. Arch major

Pure garbage. Borderline unreadable. Math geeks may understand this, but it is anything but simplified. Equations are hard to follow, many are just plain wrong, text clarifies absolutely nothing. Entire class hated this book and even the instructor pointed out that this book is useless.

Because this is a textbook for a class I don’t totally love it but it is in great condition. The book arrived brand new and the appropriate edition (sometimes textbook dealers will try to trick you!) The price is steep but comparable to other retailers and for the quick shipping at the beginning of the semester it was great.

Landscape Architects Gravity Sanitary Sewer Design and Construction (ASCE Manuals and Reports on Engineering Practice No. 60) (Asce Manuals and Reports on Engineering ... Manual and Reports on Engineering Practice) Introduction to Coastal Engineering and Management (Advanced Series on Ocean Engineering) (Advanced Series on Ocean Engineering (Paperback)) Tissue Engineering II: Basics of Tissue Engineering and Tissue Applications (Advances in Biochemical Engineering/Biotechnology)