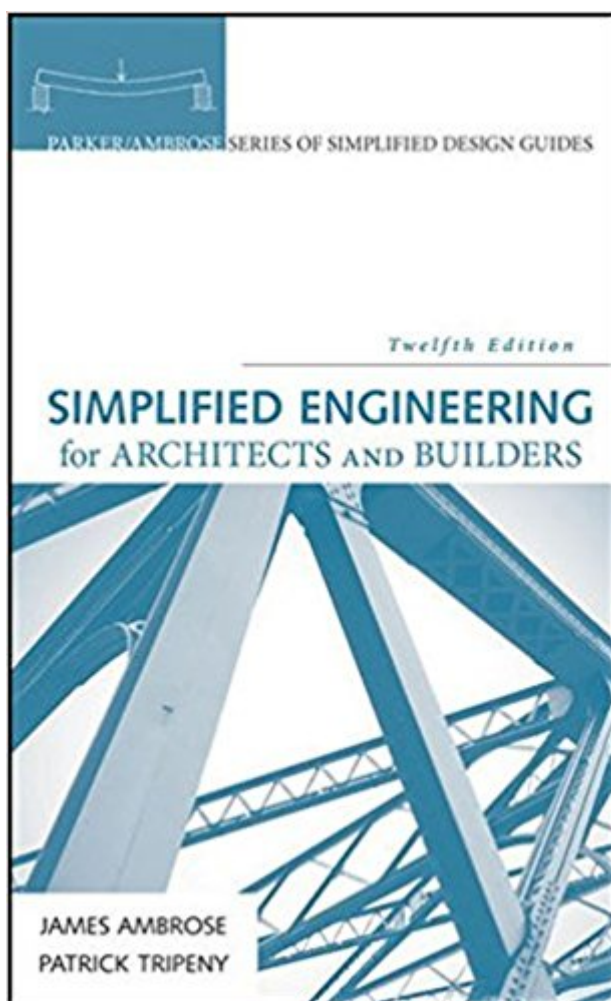


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Simplified Engineering For Architects And Builders (Parker/Ambrose Series Of Simplified Design Guides)



Synopsis

The bestselling structural design reference, fully updated and revised Simplified Engineering for Architects and Builders is the go-to reference on structural design, giving architects and designers a concise introduction to the structures commonly used for typical buildings. The clear, accessible presentation is designed to give you the essential engineering information you need without getting bogged down in excess math, making this book an ideal reference for busy design professionals. This new 12th edition has been completely revised to reflect the latest standards and practices. The instructor site includes a complete suite of teaching resources, including an instructor's manual and a PowerPoint presentation. Structural design is an essential component of the architect's repertoire, and engineering principles are at the foundation of every sound structure. You need to know the physics, but you don't necessarily need to know all of the math. This book gives you exactly what you need without losing you in a tangle of equations, so you can quickly grasp and apply the material. Understand fundamental concepts like forces, loading, and reactions Learn how to design for wood, steel, or concrete construction Study structural design standards and develop sound structural systems Determine the best possible solutions to difficult design challenges The industry-leading reference for over 80 years, Simplified Engineering for Architects and Builders is the definitive guide to practical structural design.

Book Information

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The classic reference for structural design and construction—completely revised and updated Simplified Engineering for Architects and Builders is the gold standard for the industry and the reference of choice for designers and constructors. The revisions and updates in this new Twelfth Edition reflect the most current practices for designing structures. Plus, this innovative guide goes beyond the covers to provide support for instructors and students on an accompanying website—including a complete instructor's manual and a study guide for students to reinforce complex material. Architects and builders get the same accessible primer on investigating and designing buildings along with the clear presentation of engineering principles they've come to expect from the Parker/Ambrose brand. Simplified Engineering for Architects and Builders, Twelfth Edition is the total learning solution for structural design.

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 the Director of the Center for Teaching and Learning Excellence and is a Professor of Architecture 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.

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