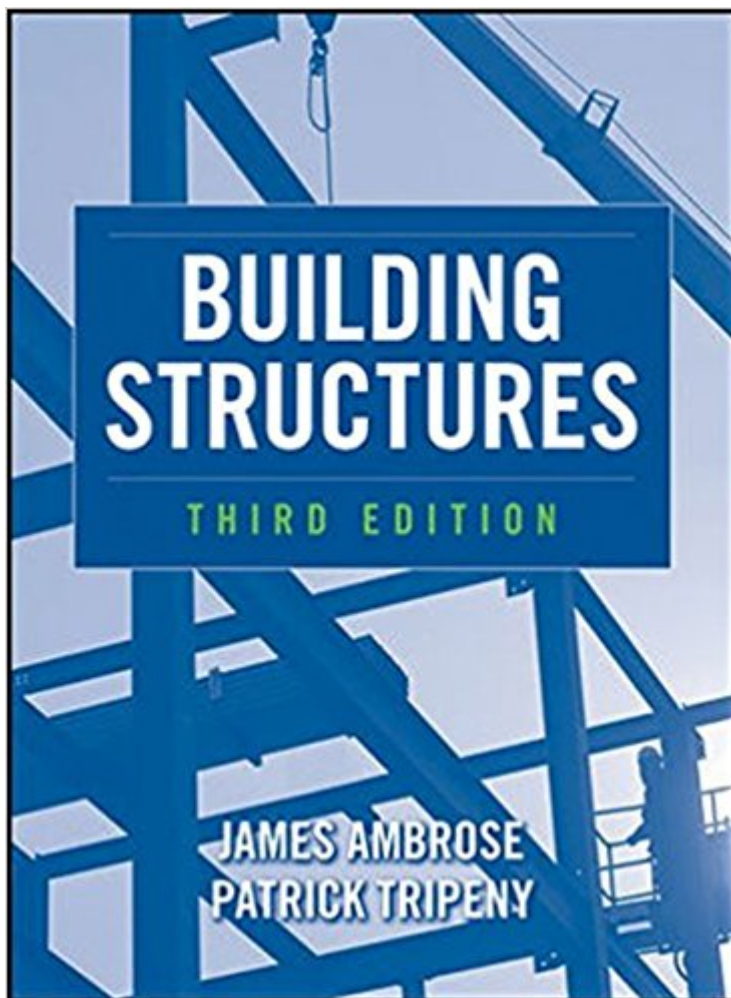


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# Building Structures



## Synopsis

The comprehensive reference on the basics of structural analysis and design, now updated with the latest considerations of building technology Structural design is an essential element of the building process, yet one of the most difficult to learn. While structural engineers do the detailed consulting work for a building project, architects need to know enough structural theory and analysis to design a building. Most texts on structures for architects focus narrowly on the mathematical analysis of isolated structural components, yet Building Structures looks at the general concepts with selected computations to understand the role of the structure as a building subsystemâ without the complicated mathematics. New to this edition is a complete discussion of the LRFD method of design, supplemented by the ASD method, in addition to: The fundamentals of structural analysis and design for architects A glossary, exercise problems, and a companion website and instructor's manual Material ideally suited for preparing for the ARE exam Profusely illustrated throughout with drawings and photographs, and including new case studies, Building Structures, Third Edition is perfect for nonengineers to understand and visualize structural design.

## Book Information

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Illustrates concepts, relationships and basic processes of architectural design. Emphasizes

concerns of professional designers who must cope with practical problems of how to make plans for sensible buildings and determine construction details for a specific type of edifice. This edition updates all standard reference codes, industry regulations, design procedures and current products. Features demonstration examples of the development of structural systems for two buildings from preliminary planning to construction detailing. --This text refers to an out of print or unavailable edition of this title.

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