Simplified Design of Steel Structures, 8th Edition
James Ambrose, Patrick Tripeny

DESCRIPTION

For over sixty years, a primary source for design of steel structures -- now revised and updated.

Examining a wide range of steel structures, building types, and construction details, Simplified Design of Steel Structures, Eighth Edition is a reliable, easy-to-use handbook that covers all commonly used steel systems, practices, and research in the field, reinforced with examples of practical designs and general building structural systems.

The Eighth Edition of this leading book in the noted Parker/Ambrose Series of Simplified Design Guides has been updated to conform to current building codes, design practices, and industry standards. Featuring a wealth of illustrations, expanded text examples, exercise problems, and a helpful glossary, this outstanding tool:

• Uses the latest American Institute of Steel Construction (AISC) method of structural design.

• Provides fundamental and real-world coverage of steel structures that assumes no previous experience.

• Includes valuable study aids such as exercise problems, questions, and word lists to enhance usability.
ABOUT THE AUTHOR

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 professor of architecture at the University of Southern California.

Patrick Tripeny is an associate professor at the University of Utah's College of Architecture and Planning.

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- Provides fundamental and real-world coverage of steel structures that assumes no previous experience

- The most effectively concise reference available on the design of steel structures

- Examines a wide range of steel structures, building types, and construction details

- Includes numerous illustrations as well as valuable study aids such as exercise problems, questions, and word lists to enhance usability

- Covers Allowable Stress Design (ASD)

- Describes new materials, examples of general building structural systems, and the use of computers in structural design

- Part of the Parker/Ambrose Series of Simplified Design Guides. This series has been providing students with simple, concise solutions to common structural and environmental design problems for more than seven decades

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