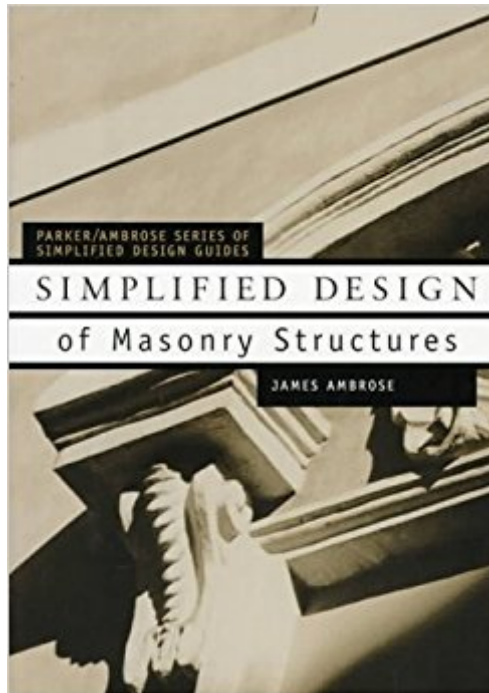




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# Simplified Design Of Masonry Structures



## Synopsis

A complete, accessible introduction to structural masonry fundamentals. This practical volume provides a thorough grounding in the design of masonry structures for buildings --with clear and easy-to-grasp coverage of basic materials, construction systems, building codes, industry standards, and simple computations for structural elements of commonly used forms of masonry. Well-written and carefully organized, the book:

- \* Includes all principal types of masonry materials: brick, stone, fired clay, concrete block, glass block, and more
- \* Contains information on unreinforced, reinforced, and veneered construction
- \* Examines key design criteria: dead loads, live loads, lateral loads, structural planning, building code requirements, and performance measurement
- \* Features helpful study aids --including exercises and solutions, glossary of terms, bibliography, and detailed appendices.

Requiring only minimal prior experience in engineering analysis or design, *Simplified Design of Masonry Structures* is ideal for self-study or classroom use. It is an essential reference for architecture and engineering students and professionals.

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## Customer Reviews

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Well-written and carefully organized, the book: Includes all principal types of masonry materials: brick, stone, fired clay, concrete block, glass block, and more Contains information on unreinforced, reinforced, and veneered construction Examines key design criteria: dead loads, live loads, lateral loads, structural planning, building code requirements, and performance measurement Features helpful study aids – including exercises and solutions, glossary of terms, bibliography, and detailed appendices. Requiring only minimal prior experience in engineering analysis or design, Simplified Design of Masonry Structures is ideal for self-study or classroom use. It is an essential reference for architecture and engineering students and professionals.

James Ambrose is Editor of the Parker/Ambrose Series of Simplified Design Guides. He has practiced as an architect in California and Illinois, and as a structural engineer in Illinois. He recently retired as professor of architecture at the University of Southern California.

The book gives a good overview of the subject. Lots of design examples. Pointed the way toward other books on the subject to be read for more in depth knowledge.

Great book.

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