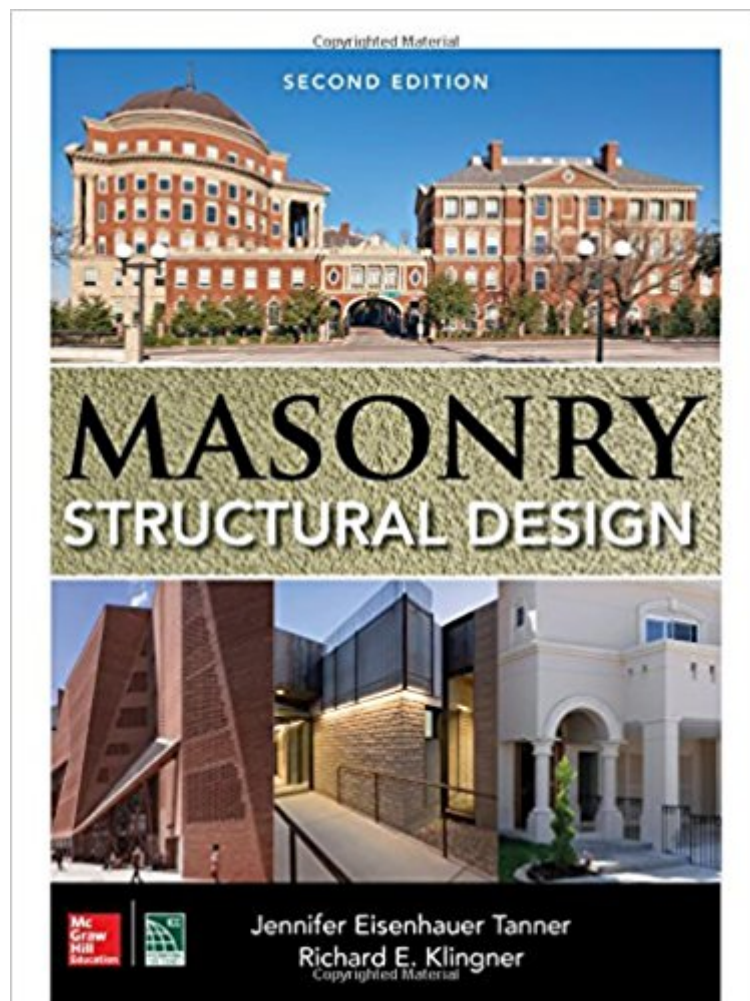


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# Masonry Structural Design, Second Edition (P/L Custom Scoring Survey)



## Synopsis

Thoroughly Updated Coverage of Masonry Codes, Materials, and Structural Design This fully revised resource covers the design of masonry structures using the 2015 International Building Code, the ASCE 7-10 loading standard, and the TMS 402-13 and TMS 602-13 design and construction standards. The book emphasizes the strength design of masonry and includes allowable-stress provisions. The latest advances, materials, and techniques are clearly explained. Chapter-long case studies featuring a low-rise building with reinforced concrete masonry and a four-story building with clay masonry illustrate the topics presented.

**Masonry Structural Design, Second Edition**, covers:

- Structural behavior and design of low-rise, bearing wall buildings
- Materials used in masonry construction
- Code basis for structural design of masonry buildings
- Basics of seismic design in masonry buildings
- Introduction to MSJC treatment of structural design
- Strength design of reinforced and unreinforced masonry elements
- Allowable-stress design of reinforced and unreinforced masonry elements
- Comparison of design by the allowable-stress approach versus the strength approach
- Lateral load analysis of shear wall structure
- Design and detailing of floor and roof diaphragms
- Structural design of AAC masonry

## Book Information

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## Customer Reviews

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