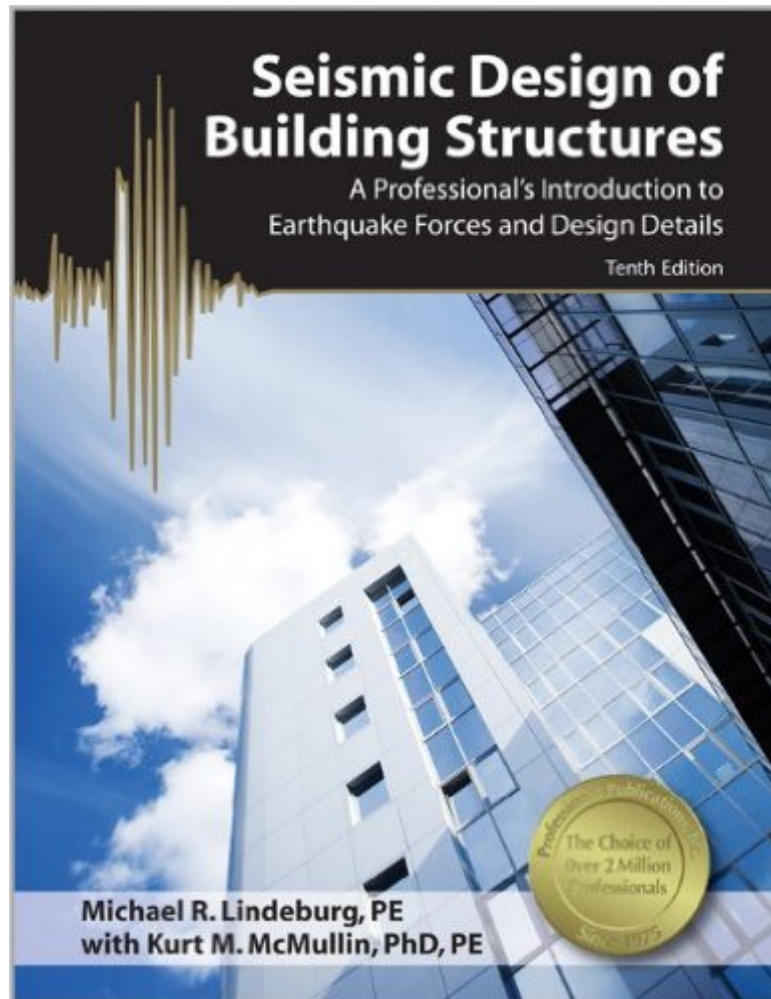


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# Seismic Design Of Building Structures, 10th Ed



## Synopsis

Seismic Design of Building Structures provides a comprehensive introduction to core seismic concepts and principles. It offers essential background information for seismic problems on the California Special Civil Seismic exam, the Structural Engineering (SE) exam, and the Architect Registration Examination (ARE). 15 chapters and 16 appendices provide a concise but thorough review of seismic theory, code application, design principles, and structural analysis.

**Comprehensive Review of Seismic Concepts and Principles** A thorough review of seismic building codes  
**Easy-to-use formulas, figures, and tables** Detailed illustrations and definitions of seismic terminology  
**129 practice problems** 34 example problems A complete index  
**What's New in the 10th Edition?** Thoroughly updated for ACI 318-08, ACI 530-08, and IBC-09 seismic building codes  
**Two indices** one for terms, figures, and tables, and one for codes used in the book  
**Topics Covered**  
Basic Seismology Diaphragm Theory Earthquake Characteristics Effects of Earthquakes on Structures General Structural Design Response of Structures Seismic Building Codes Seismic-Resistant Concrete Structures Seismic-Resistant Masonry Structures Seismic-Resistant Steel Structures Seismic-Resistant Wood Structures Special Design Features Tilt-Up Construction Vibration Theory  
**An Introduction to Seismic Design for the California Special Civil Seismic exam**  
**California Structural Engineer Seismic exam Civil PE exam Structural Engineering (SE) exam Architect Registration Examination (ARE)**

## Book Information

Paperback: 288 pages

Publisher: Professional Publications, Inc.; 10 edition (October 27, 2011)

Language: English

ISBN-10: 1591263549

ISBN-13: 978-1591263548

Product Dimensions: 10.9 x 8.5 x 0.6 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (2 customer reviews)

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## Customer Reviews

This book handles most of the seismic design, but compact and powerful. I recommend the book to any engineer who works for structural design.

It was for school and it's helping me get through it so it's no problem at all. I recommend this to other students.

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