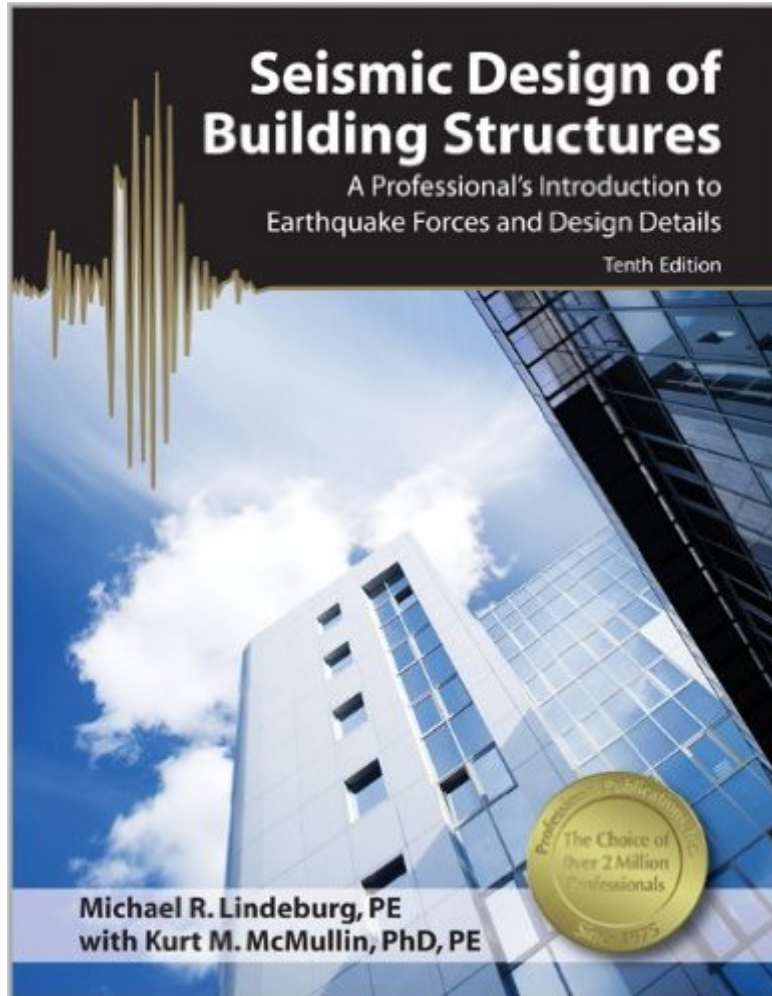


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# Seismic Design Of Building Structures, 10th Ed



## 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)**

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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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