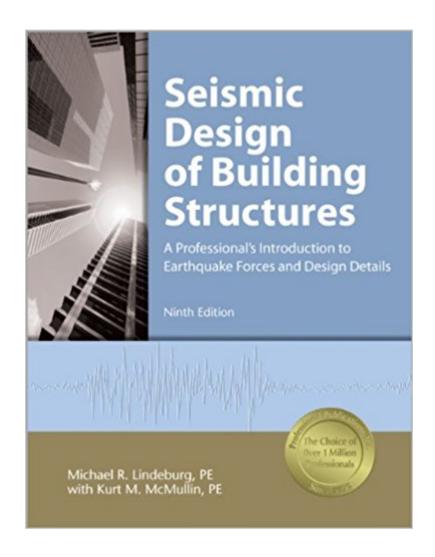


### The book was found

# Seismic Design Of Building Structures: A Professionals Introduction To Earthquake Forces And Design Details





## **Synopsis**

Seismic Design of Building Structures provides a comprehensive introduction to core seismic concepts and principles, and offers essential background information for seismic problems on the California Special Civil Seismic Examination as well as other professional licensing exams. With thorough coverage of seismic building codes including the 2006 International Building Code (IBC), this book prepares you for conceptual and technical questions on structural analysis and code issues by giving you an understanding of earthquakes and their effects. Comprehensive introduction to seismic design Over 30 example problems and 120 practice problems with step-by-step solutions A thorough review of Seismic Building Codes Easy-to-use formulas, figures, and tables Detailed illustrations and definitions of seismic terminology Perfect for the California Special Civil Seismic Examination NCEES Civil PE Examination NCEES Structural PE Examinations Architect Registration Examination (ARE) Topics Covered Include 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

#### **Book Information**

Paperback: 288 pages

Publisher: Professional Publications, Inc.; 9 edition (July 22, 2008)

Language: English

ISBN-10: 1591261368

ISBN-13: 978-1591261360

Product Dimensions: 0.8 x 8.5 x 11 inches

Shipping Weight: 1.3 pounds

Average Customer Review: 3.8 out of 5 stars 3 customer reviews

Best Sellers Rank: #2,260,219 in Books (See Top 100 in Books) #98 inà Books > Engineering & Transportation > Engineering > Civil & Environmental > Seismic Design #4911 inà Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Design & Construction #5883 inà Â Books > Engineering & Transportation > Engineering > Construction

#### Customer Reviews

I just took the last PE exam and found this book to be helpful. You'll really need to buckle down and read through it though. If you want to pass, I suggest bringing a minimum of three reference books.

This book, Hiner's book and the ASCE 7-05. I brought the IBC but didn't have to use it. This book along with Hinder's had most of the references that I needed. Some questions required the ASCE 7-05. I didn't have the ASCE 7-05 :(In any case I was able to pass by studying through this WHOLE book and Hiner's WHOLE book. I didn't take any classes.Good Luck to you all.

I used it to review seismic design for the PE exam. I've used it recently for background info on an earthquake design project.

Not very helpful for PE (Structural depth) Exam...I bought it for my PE exam but not used it. I do not recommend this to anybody.

#### Download to continue reading...

Seismic Design of Building Structures: A Professionals Introduction to Earthquake Forces and Design Details Seismic Design of Building Structures: A Professional's Introduction to Earthquake Forces and Design Details, 8th ed. Simplified Building Design for Wind and Earthquake Forces Seismic Design of Building Structures, 11th Ed Seismic Design of Building Structures, 10th Ed ASD/LRFD Wind and Seismic: Special Design Provisions for Wind and Seismic with Commentary (2008) 2006 International Building Code Structural/Seismic Design Manual, Volume 2: Building Design Examples for Light-frame, Tilt-up and Masonry Seismic Design and Assessment of Bridges: Inelastic Methods of Analysis and Case Studies (Geotechnical, Geological and Earthquake Engineering) Seismic design with supplemental energy dissipation devices (Publication / Earthquake Engineering Research Institute) An Introduction to Seismic Design Criteria for Concrete Hydraulic Structures Seismic Principles Practice Exams for the California Civil Seismic Exam Seismic Loads: Guide to the Seismic Load Provisions of ASCE 7 - 10 Seismic Interpretation of Contractional Fault-Related Folds: An AAPG Seismic Atlas (AAPG Studies in Geology) Seismic Ground Response Analysis (Geotechnical, Geological and Earthquake Engineering) Displacement Based Seismic Design of Structures Perspectives on Earthquake Geotechnical Engineering: In Honour of Prof. Kenji Ishihara (Geotechnical, Geological and Earthquake Engineering) Fire Following Earthquake (American Society of Civil Engineers: Technical Council on Lifeline Earthquake Engineering Monograph, No. 26) Earthquake: Perspectives on Earthquake Disasters (Disaster Dossiers) Building a Shed: Siting and Planning a Shed, Building Shed Foundations, Adding Custom Details (Build Like a Pro Series) Dynamics of Structures: Theory and Applications to Earthquake Engineering (2nd Edition)

Contact Us

DMCA

Privacy

FAQ & Help