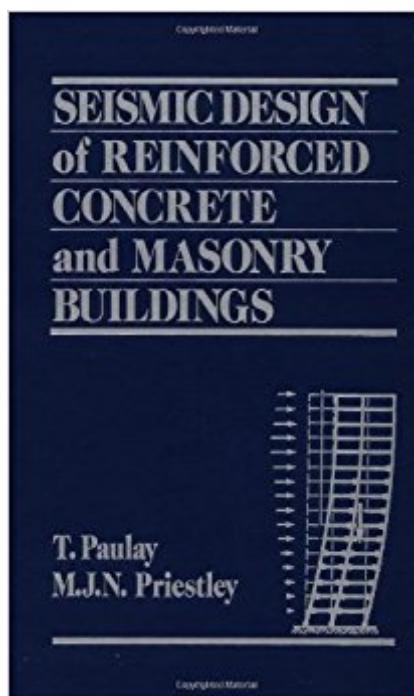


The book was found

Seismic Design Of Reinforced Concrete And Masonry Buildings



Synopsis

Emphasizes actual structural design, not analysis, of multistory buildings for seismic resistance. Strong emphasis is placed on specific detailing requirements for construction. Fundamental design principles are presented to create buildings that respond to a wide range of potential seismic forces, which are illustrated by numerous detailed examples. The discussion includes the design of reinforced concrete ductile frames, structural walls, dual systems, reinforced masonry structures, buildings with restricted ductility and foundation walls. In addition to the examples, full design calculations are given for three prototype structures.

Book Information

Hardcover: 768 pages

Publisher: Wiley-Interscience; 1 edition (March 1992)

Language: English

ISBN-10: 0471549150

ISBN-13: 978-0471549154

Product Dimensions: 6.2 x 1.7 x 9.4 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars 6 customer reviews

Best Sellers Rank: #663,660 in Books (See Top 100 in Books) #31 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Seismic Design #35 in Books > Science & Math > Earth Sciences > Geology > Volcanology #66 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Concrete

Customer Reviews

Emphasizes actual structural design, not analysis, of multistory buildings for seismic resistance. Strong emphasis is placed on specific detailing requirements for construction. Fundamental design principles are presented to create buildings that respond to a wide range of potential seismic forces, which are illustrated by numerous detailed examples. The discussion includes the design of reinforced concrete ductile frames, structural walls, dual systems, reinforced masonry structures, buildings with restricted ductility and foundation walls. In addition to the examples, full design calculations are given for three prototype structures.

As graduate student completing my Master's degree I thought this book is very useful for anyone who is doing research in the area of earthquake engineering in general. It goes in depth in many

topics covering seismic design of structural components and systems of reinforced concrete and masonry. I will consider it an advance level text book. So if you a grad student doing research in seismic design or working in a seismic design firm I recommend buying the book.

low quality of printed most words are not clear display,it is different from description,but it is a quite useful book

Superb text, even in 2006. Must-have reference for seismic design of reinforced concrete structures. Contains good depth of info on shear wall design not available in more elementary texts. If buying used, ask reseller to verify that the book has pages 713 onward (which includes, but is not limited to all references and index) before buying. Apparently, Wiley had a bad run.

A careful theoretical approach to earthquake engineering design, soon will become a standard reference book for the academic as well as the practising engineer. The part dealing with load bearing masonry construction is a classic!

A must have text/reference book for the structural engineering library. Great resources in topics ranging from concrete shear wall design to masonry shear wall design. Highly recommended.

This is an important book to all the structural engineers that will work in seismic areas.

[Download to continue reading...](#)

Seismic Design of Reinforced Concrete and Masonry Buildings Seismic Design of Reinforced Concrete Buildings RSMeans Concrete and Masonry Cost Data 2014 (Means Concrete & Masonry Cost Data) 2012 IBC SEAOC Structural/Seismic Design Manual Examples for Light-Frame, Tilt up and Masonry Buildings Reinforced Concrete Design of Tall Buildings 2012 IBC SEAOC Structural/Seismic Design Manual Examples for Concrete Buildings 2006 International Building Code Structural/Seismic Design Manual, Volume 2: Building Design Examples for Light-frame, Tilt-up and Masonry Black & Decker The Complete Guide to Concrete & Masonry, 4th Edition: Build with Concrete, Brick, Block & Natural Stone (Black & Decker Complete Guide) Textile Reinforced Concrete (Modern Concrete Technology) Design of Reinforced Masonry Structures (P/L Custom Scoring Survey) ASD/LRFD Wind and Seismic: Special Design Provisions for Wind and Seismic with Commentary (2008) Round Buildings, Square Buildings, and Buildings that Wiggle Like a Fish (A Borzoi book) Round Buildings, Square Buildings, and Buildings that Wiggle Like a Fish Structural

Elements for Architects and Builders: Design of Columns, Beams, and Tension Elements in Wood, Steel, and Reinforced Concrete, 2nd Edition Diseno y calculo de estructuras de concreto reforzado/ Design and calculation of reinforced concrete structures: Por Resistencia Maxima Y Servicio/ for Maximum Strength and Service (Spanish Edition) Reinforced Concrete: Mechanics and Design (4th Edition) (Civil Engineering and Engineering Mechanics) Reinforced Concrete: Mechanics and Design (7th Edition) Reinforced Concrete: Mechanics and Design (6th Edition) Reinforced Concrete: Mechanics and Design Reinforced Concrete: Preliminary Design for Architects and Builders

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)