



Simplified Building Design for Wind and Earthquake Forces (Parker/Ambrose Series of Simplified Design Guides)

By James Ambrose, Dimitry Vergun



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Simplified Building Design for Wind and Earthquake Forces (Parker/Ambrose Series of Simplified Design Guides) By James Ambrose, Dimitry Vergun

Contains practical, easy-to-read explanations regarding the issues and problems encountered in designing for these natural disasters. This edition includes important code updates from the 1994 Uniform Building Code as well as more detailed information on engineering computations and lateral force construction. Increased attention is paid to the relationship between building design and seismic response. Features a discussion of the latest CAD products for lateral design work. Serves as a major reference for anyone preparing for seismic and wind design test sections of State Board Examinations (for licensing purposes).



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Editorial Review

From the Publisher

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From the Back Cover

"I would highly recommend the inclusion of this text in the office libraries of our member companies and those involved in the construction arena."--C. R. Wagus, Technical Director American Architectural Manufacturers Association.

This updated edition of Simplified Building Design for Wind and Earthquake Forces brings attention to the serious need for building design and construction that can withstand extreme forces of nature. It presents a practical introduction to the fundamentals and explores problems encountered in designing for these natural disasters.

Offers practical, easy-to-read explanations of design and construction practices

- * Includes information from the Uniform Building Code
- * Incorporates lessons learned from the recent Northridge earthquake
- * Helps candidates prepare for the seismic and wind design test sections of state board licensing examinations

Featuring a simplified, accessible style with numerous example problems and solutions, as well as references and practical aids for home study, this is an excellent handbook for working architects, general engineers, and professionals in related fields. It is also a first-rate primer for architecture students. He is Editor of the Parker/Ambrose Series of Simplified Design Guides. He has practiced as an architect in California and Illinois, and as a structural engineer in Illinois. He recently retired as professor of architecture at the University of Southern California. He is a practicing structural engineer who teaches part-time at the University of Southern California.

About the Author

JAMES AMBROSE is Editor of the Parker/Ambrose Series of Simplified Design Guides. He has practiced as an architect in California and Illinois, and as a structural engineer in Illinois. He recently retired as professor of architecture at the University of Southern California. DIMITRY VERGUN is a practicing structural engineer who teaches part-time at the University of Southern California.

Users Review

From reader reviews:

Doris Stanford:

Have you spare time to get a day? What do you do when you have more or little spare time? Yep, you can choose the suitable activity intended for spend your time. Any person spent their very own spare time to take a go walking, shopping, or went to typically the Mall. How about open or maybe read a book eligible Simplified Building Design for Wind and Earthquake Forces (Parker/Ambrose Series of Simplified Design Guides)? Maybe it is to get best activity for you. You recognize beside you can spend your time together with your favorite's book, you can more intelligent than before. Do you agree with the opinion or you have some other opinion?

Shirley Kier:

Often the book Simplified Building Design for Wind and Earthquake Forces (Parker/Ambrose Series of Simplified Design Guides) has a lot of knowledge on it. So when you make sure to read this book you can get a lot of benefit. The book was written by the very famous author. The author makes some research ahead of write this book. This particular book very easy to read you can obtain the point easily after perusing this book.

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