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Simplified Building Design For Wind And Earthquake Forces



Synopsis

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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"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.

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