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# Seismic And Wind Forces: Structural Design Examples





### **Synopsis**

In each chapter, sections of the code are presented, analyzed and explained in a logical and simple manner and are followed by illustrative examples. Each concentrates on a specific section of the code and provides a clear and concise interpretation of the code requirement. The text is organized into six chapters corresponding to the primary structural design sections of the code: Seismic design Design for wind loads Seismic design of steel structures. Seismic design of concrete structures Seismic design of wood structures Seismic design masonry structures. The book is geared primarily for practicing civil and structural engineers, engineers studying for licensing exams, structural plan check engineers and civil engineering students will find the book a valuable resource. This publication is also an excellent resource for architects, code officials, plan reviewers and others who need to understand how to properly apply seismic and wind loads based on the IBC and the referenced structural standards.

#### **Book Information**

Hardcover

Publisher: International Code; 3rd edition (1808)

Language: English

ISBN-10: 1580015085

ISBN-13: 978-1580015080

Product Dimensions: 9.1 x 6.6 x 1.1 inches

Shipping Weight: 1.6 pounds

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Best Sellers Rank: #1,654,852 in Books (See Top 100 in Books) #78 in Books > Engineering &

Transportation > Engineering > Civil & Environmental > Seismic Design

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