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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.

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