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# 2012 IBC Structural/Seismic Design Manual Volume 4: Examples For Steel-Framed Buildings



## Synopsis

The 2012 IBC Structural/Seismic Design Manual provides a step-by-step approach to applying the structural provisions of the 2012 International Building Code® and referenced standards. Volume 4 contains code application examples of steel construction. Moment frames and braced frames are analyzed. Volume 4 includes sample structures with steel moment frames or braced frames and steel connections including: Special moment frame Special Concentrically Braced Frame Buckling Restrained Braced Frame Special Plate Shear Walls Eccentrically Braced Frame Multi-panel Ordinary Concentric Braced Frame Metal Deck Diaphragm Design - Flexible and Rigid Diaphragms Special Moment Frame Base Connection Braced Frame Base Plate An excellent reference and study guide for the NCEES Structural Exam. This manual is an invaluable resource for civil and structural engineers, architects, academics and students.

## Book Information

Paperback

Publisher: Victor Graphics (2013)

Language: English

ISBN-10: 1609834976

ISBN-13: 978-1609834975

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## Customer Reviews

This is an excellent reference manual for all levels of structural engineers. I have all five volumes and they are all excellent. You can use Volume 1 almost everyday in the West Coast.

Great book. Perfect.

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Structural/Seismic Design Manual 2009 IBC Vol 2: Building Design Examples for Light-Frame, Tilt-up and Masonry SEAOC Structural/Seismic Design Manual 2009 IBC Vol 1: Code Application Examples CodeMaster - Seismic Design (2012 IBC / ASCE 7-10) CodeMaster - Seismic Design Category [2012 IBC / ASCE 7-10] (CodeMasters) Structural Analysis and Design of Tall Buildings: Steel and Composite Construction Seismic and Wind Forces: Structural Design Examples The Men of Steel Anthology: The Men of Steel (special edition 2015 includes new release Raising Steel: Momma Joe's story ) Seismic Design of Reinforced Concrete and Masonry Buildings Seismic Design of Reinforced and Precast Concrete Buildings Seismic Design of Concrete Buildings to Eurocode 8 Seismic Design of Reinforced Concrete Buildings Structural Stability of Steel: Concepts and Applications for Structural Engineers Ron Bacardi y Compania, S. A., Administration Building (Cuba) & Other Buildings & Projects (Cuba and Other Buildings and Projects) ASD/LRFD Wind and Seismic: Special Design Provisions for Wind and Seismic with Commentary (2008) Buildings of Earth and Straw: Structural Design for Rammed Earth and Straw-Bale Architecture

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