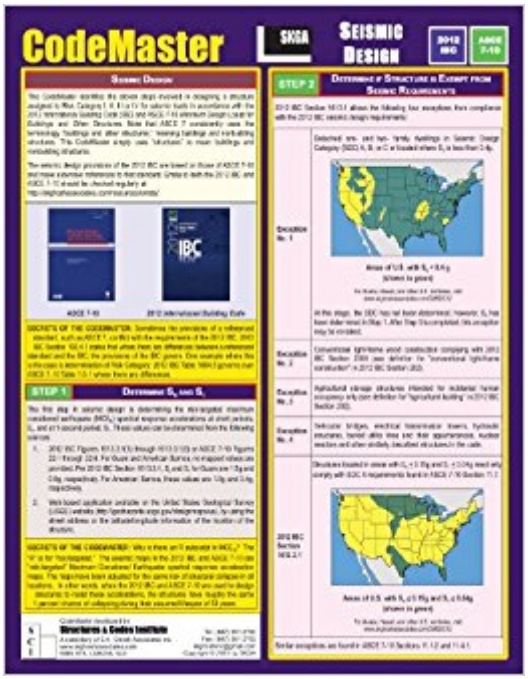
CodeMaster - Seismic Design (2012 IBC / ASCE 7-10)



Synopsis

This 6-page laminated reference guide provides an easy-to-follow 11-step procedure for seismic design in accordance with the 2012 IBC and ASCE 7-10, with emphasis on the seismic design of a typical one-to-three story building. Illustrations are provided for many of the difficult to understand requirements. Subjects addressed include determination of mapped spectral response accelerations; consideration of exceptions to the seismic code requirements; Seismic Design Category determination; consideration of plan and vertical structural irregularities; determination of seismic base shear, redundancy coefficient and seismic load effects; and compliance with drift control requirements.

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[2012 IBC / ASCE 7-10] (CodeMasters) Seismic Evaluation and Retrofit of Existing Buildings: ASCE/SEI 41-13 (Standard) (Asce Standard) Significant Changes to the Seismic Load Provisions of ASCE 7-10: An Illustrated Guide (Asce Press) Seismic Loads: Guide to the Seismic Load Provisions of ASCE 7 - 10 2012 IBC SEAOC Structural/Seismic Design Manual Examples for Light-Frame, Tilt up and Masonry Buildings 2012 IBC Structural/Seismic Design Manual Volume 4: Examples for Steel-Framed Buildings 2012 IBC Structural/Seismic Design Manual Volume 1: Code Application Examples 2012 IBC SEAOC Structural/Seismic Design Manual Examples for Concrete Buildings Gravity Sanitary Sewer Design and Construction (ASCE Manuals and Reports on Engineering Practice No. 60) (Asce Manuals and Reports on Engineering ... Manual and Reports on Engineering Practice) ASD/LRFD Wind and Seismic: Special Design Provisions for Wind and Seismic with Commentary (2008) Seismic Principles Practice Exams for the California Civil Seismic Exam Seismic Interpretation of Contractional Fault-Related Folds: An AAPG Seismic Atlas (AAPG Studies in Geology) Minimum Design Loads for Buildings and Other Structures, 3rd Printing (Standard ASCE/SEI 7-10) Flood Resistant Design and Construction ASCE/SEI 24-05 Minimum Design Loads and Associated Criteria for Buildings and Other Structures (Standards ASCE/SEI 7-16) Prestressed Concrete Transmission Pole Structures: Recommended Practice for Design and Installation (Asce Manual and Reports on Engineering Practice) 2006 International Building Code Structural/Seismic Design Manual, Volume 2: Building Design Examples for Light-frame, Tilt-up and Masonry Seismic Design of Building Structures: A Professional’s Introduction to Earthquake Forces and Design Details, 8th ed. Seismic Design of Building Structures: A Professionals Introduction to Earthquake Forces and Design Details